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Mar 26 2024

Certified Mail #7022 1670 0000 9974 7542
Return Receipt Requested

March 1, 2024

Michael Myers
Currituck Water and Sewer LLC
4700 Hornewood Ct
Ste 108
Raleigh, NC 27609-1804

SUBJECT: **NOTICE OF VIOLATION & INTENT TO ASSESS CIVIL PENALTY**
Tracking Number: NOV-2024-PC-0143
Permit No. WQ0004696
Carolina Village WWTP
Currituck County

Dear Mr. Myers:

The North Carolina Division of Water Resources conducted an inspection of the Carolina Village WWTP on February 21, 2024. This inspection was conducted to verify that the facility is operating in compliance with the conditions and limitations specified in Non-discharge Permit No. WQ0004696. A summary of the findings and comments noted during the inspection are provided in the enclosed copy of the inspection report.

The Compliance Evaluation inspection was conducted by Division of Water Resources staff from the Washington Regional Office. The following violation(s) were noted during the inspection:

Inspection Area	Description of Violation
Treatment	2.8 mg infiltration basin and sludge holding/transfer pond have not been abandoned. Construction of the new high-rate infiltration spray beds, related groundwater lowering system, 32,620 gallon settling pond, 636,117 gallon equalization/five day upset basin and new WWTP has not started or has not been completed. There is no functional and permitted means of wastewater disposal at the facility. A direct discharge was noted during the inspection with wastewater being directly pumped and discharged through a pipe running through the fence at the rear of the facility. The WWTP was non-operational and in a septic condition. Blower motors and units were non-operational. Sludge and solids accumulation were noted in all WWTP tanks. The clarifier was full of solids. Chlorine tablets were not present for disinfection. The tertiary filters flowed black water/product when placed into operation. When the filters were manually turned on, a piping failure occurred.



Inspection Area

Description of Violation

Treatment	WWTP is not maintained. Facility as a whole in a neglected condition. Blower units inoperable, solids and sludge accumulated in tankage, system in a septic condition, no disinfection/no chlorine tablets, tertiary filters are not being utilized. The operator indicated the plant was operable the evening before. Such conditions are a violation of Permit Conditions II.1. and III.1 of Permit No. WQ0004696 that require the permittee to properly operate and maintain the facility and to take immediate corrective action if needed to return the facility to proper operation. (The noted WWTP conditions were previously documented during a facility reconnaissance inspection on February 13, 2024.)
Standby Power	Generator is inoperable. Such is a violation of Permit Condition III. 15. of Permit No. WQ0004696 that requires an automatically activated standby power source be provided and maintained.
Treatment Disinfection	No chlorine tablets present in chlorination tubes. No active disinfection at time of inspection. Such condition is a violation of Permit Conditions II.1. and III.1 of Permit No. WQ0004696 that require the permittee to properly operate and maintain the facility and to take immediate corrective action if needed to return the facility to proper operation.
Miscellaneous Questions	Non-Compliance was not reported. Condition of WWTP and direct discharge was not reported to DWR. Such is a violation of Permit Condition IV. 13. Noncompliance Notification of Permit No. WQ0004696 that requires the permittee to report within 24 hours of first knowledge of any process unit failure, discharge to surface waters, and ponding and run-off.)
End Use-Infiltration	An active discharge had been placed into use, pumping wastewater out of a pipe exiting through the fence at the back of the WWTP. Wastewater was ponded behind the WWTP and running to surface waters. The operator stated that the unpermitted pipe/discharge had been placed into service five days prior to the inspection. Such is a violation of Permit Conditions II.1, III. 1., III. 4., III. 6., and III., 10. that in part prohibits discharges to surface waters and specifies how wastewater disposal is to occur. (The noted unpermitted discharge was previously documented during a facility reconnaissance inspection on February 13, 2024.)
Record Keeping	Sludge management records were not available; Island Septage reported to have hauled 12,000 - 16,000 gallons of sludge to Elizabeth City. Such is a violation of Permit Conditions III. 9., and IV. 8. of Permit No. WQ0004696 that requires the permittee to maintain a record of all residuals removed from the facility.
Record Keeping	Operator log-book unavailable. Such is a violation of Permit Condition IV.9. of Permit No. WQ0004696 that requires the Permittee to keep a log of all maintenance done at the facility.
Treatment Filters	Tertiary filters did not appear to have been operated in the recent past. When filters were activated, a piping failure occurred. Black water flowed for an extended period while the filters were in operation with the water not significantly clearing up. Such conditions are a violation of Permit Conditions II.1. and III.1 of Permit No. WQ0004696 that require the permittee to properly operate and maintain the facility and to take immediate corrective action if needed to return the facility to proper operation.
Treatment Clarifiers	The clarifier was full of solids, as the WWTP was observed to be in an unmaintained/inoperable condition. Such conditions are a violation of Permit Conditions II.1. and III.1 of Permit No. WQ0004696 that require the permittee to properly operate and maintain the facility and to take immediate corrective action if needed to return the facility to proper operation.

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Schedules	The interim wastewater irrigation system and associated components have not been abandoned or a permit modification has not been requested to include another means of permitted disposal. The high-rate spray beds are not operational. Such is a violation of Permit Conditions I., 3., and VI., 6. of Permit No. WQ0004696 that provided a 180 timeframe to bring the high-rate spray beds on-line following issuance of the permit on August 15, 2023
End Use-Infiltration	Final construction has not been completed for the two 0.29 acre high-rate infiltration spray beds. There is no other permitted means for disposal and the referenced spray beds are non-operational. Such is a violation of Permit Conditions I. 3., II.1, III. 1., III. 6., and III., 10. of Permit No. WQ0004696 that required newly permitted high-rate spray beds to be utilized for final wastewater disposal.

Additional Compliance Issues:

1. An observed rack line was observed within the basin structure receiving and holding effluent from the WWTP. The elevation of the rack line coincided with a low point on the dike wall along the southeastern corner of the structure. Observations are suggestive that the basin structure has overflowed in the past.

A Notice of Violation/ Intent to Issue Civil Penalty is being issued for the noted violation of North Carolina General Statute (G. S.) 143- 215. 1 and the facility' s Non -discharge Permit. Pursuant to G. S. 143- 215. 6A, a civil penalty of not more than twenty- five thousand dollars (\$ 25, 000. 00) may be assessed against any person who violates or fails to act in accordance with the terms, conditions, or requirements of any permit issued pursuant to G. S. 143- 215. 1.

If you wish to provide additional information regarding the noted violation, request technical assistance, or discuss overall compliance please respond in writing within ten (10) days after receipt of this Notice. A review of your response will be considered along with any additional information provided. You will then be notified of any civil penalties that may be assessed regarding the violations. **If no response is received in this Office within the 10- day period, a civil penalty assessment may be prepared.**

Remedial actions should have already been taken to correct this problem and prevent further occurrences in the future. The Division of Water Resources may pursue enforcement action for this and any additional violations of State law. If the violations are of a continuing nature, not related to operation and/ or maintenance problems, and you anticipate remedial construction activities, then you may wish to consider applying for a Special Order by Consent.



If you should have any questions, please do not hesitate to contact David May with the Water Quality Regional Operations Section in the Washington Regional Office at 252-946-6481.

Sincerely,

David May

David May, Regional Supervisor
Water Quality Regional Operations Section
Washington Regional Office
Division of Water Resources, NCDEQ

ATTACHMENTS: Pictures

cc: Andrew White – EnviroLink (electronic copy)
Don Feller – EnviroLink (electronic copy)
Michelle Pharr – Backup ORC (electronic copy)
Laserfiche

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Figure 1. Unpermitted discharge (February 13, 2024)



Figure 2. Unpermitted pipe for discharge of wastewater (February 13, 2024)



Figure 3. WWTP (February 13, 2024).



Figure 4. Clarifier tank (February 13, 2024).



Figure 5. Clarifier tank (February 13, 2024).



Figure 6. WWTP (February 13, 2024).



Figure 7. Unpermitted discharge, discharging wastewater (February 21, 2024)



Figure 8. Poned wastewater from unpermitted discharge (February 21, 2024).



Figure 9. Storage structure with observed rack line along top of berm and past indication of overflow (February 21, 2024).



Figure 10. Unpermitted discharge (February 21, 2024)



Figure 11. Inoperable blower units (February 21, 2024).



Figure 12. Clarifier tank (February 21, 2024).



Figure 13. Clarifier tank (February 21, 2024).



Figure 14. WWTP (February 21, 2024).



Figure 15. WWTP (February 21, 2024).

Permit: WQ0004696

Owner - Facility: Currituck Water and Sewer LLC

Inspection Date: 02/21/2024

Inspection Type : Compliance Evaluation

Reason for Visit: Routine

Inspection Summary:

DWR staff David May, Robbie Bullock, and Sara Selby conducted an inspection at Carolina Village on February 21, 2024. NC Utilities Commission Public Staff Chuck Junis and Mike Franklin were present. Michelle Pharr (Back-Up operator) was present on-site. David Pharr (Operator), and Andrew White and Don Feller representing Currituck Water and Sewer joined by cell phone. Facility property as a whole was overgrown and unmaintained, including the 2.8 MG infiltration basin, the new partially constructed high rate spray beds, and the roughed in equalization/5 day upset basin. The WWTP was observed to be in a "septic condition." The plant appeared non-operational and unmaintained. Tankage and clarifier were full of solids and sludge. Blower units were inoperable (one of two units completely off-line, the second unit would run with a manual override, while squealing and smoking). Operator stated the system was operational the night before. No chlorine tablets. Flow meter determined to be non-functional for an extended period prior to the inspection and more recently brought on-line in November 2023. Reported flow rates on monitoring records for several months based on estimates. The basin receiving effluent appears to have experienced an overflow at some time in the past based on an observed rack line at the same elevation as the low point on the dike wall. The basin receiving effluent was draining back into the structure where effluent would normally be directed to a disposal area (off-line 2.8 MG infiltration basin in the more recent past). An unpermitted and unapproved direct discharge had been placed into service with wastewater being discharged through a pipe placed through the fence at the back of the WWTP. The operator stated the pipe/discharge had been placed into service 5 days prior to the inspection. Wastewater from the discharge was ponded and running off to surface waters. The discharge pipe was removed prior to conclusion of the inspection. Operator log book was not available. Operators indicated 12,000 - 16,000 gallons of sludge had been hauled by Island Septage to Elizabeth City, however, sludge management records were not available. A pump truck was located in front of the WWTP with a green hose extending from the WWTP to the area where the truck was parked. Non-operational condition of the WWTP and implemented discharge was not reported to DWR in accordance with the permit. DWR staff understood that the truck is used to maintain the collection system pump stations with wastewater being transferred to the WWTP. Collection system pump stations were inspected. Pump stations are in various states of disrepair with non-engineered components and designs set-up to allow for some level of operational service. All access covers/lids were open to allow for plumbed "bypasses" to operate with exposed above ground piping and wiring present at all pump stations. Green hoses are located at several pump stations for connections to pump trucks. Posted phone numbers on signs to call in case of emergencies are inoperable, out of service, or misdirected. Ensure audible and visual alarms are functional, and posted signage references correct contact numbers in case of emergencies.

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Inspection Date: 02/21/2024

Inspection Type : Compliance Evaluation

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<u>Type</u>	<u>Yes</u>	<u>No</u>	<u>NA</u>	<u>NE</u>
Reuse (Quality)	<input type="checkbox"/>			
Infiltration System	<input type="checkbox"/>			
Lagoon Spray, LR	<input type="checkbox"/>			
Activated Sludge Spray, LR	<input type="checkbox"/>			
Single Family Spray, LR	<input type="checkbox"/>			
Activated Sludge Spray, HR	<input type="checkbox"/>			
Activated Sludge Drip, LR	<input type="checkbox"/>			
Recycle/Reuse	<input type="checkbox"/>			
Single Family Drip	<input type="checkbox"/>			

<u>Treatment</u>	<u>Yes</u>	<u>No</u>	<u>NA</u>	<u>NE</u>
Are Treatment facilities consistent with those outlined in the current permit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do all treatment units appear to be operational? (if no, note below.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comment: 2.8 mg infiltration basin and sludge holding/transfer pond have not been abandoned. Construction of the new high-rate infiltration spray beds, related groundwater lowering system, 32,620 gallon settling pond, 636,117 gallon equalization/five day upset basin and new WWTP has not started or has not been completed. There is no functional and permitted means of wastewater disposal at the facility. A direct discharge was noted during the inspection with wastewater being directly pumped and discharged through a pipe running through the fence at the rear fo the facility. The WWTP was non-operational and in a septic condition. Blower motors and units were non-operational. Sludge and solids accumulation were noted in all WWTP tanks. The clarifier was full of solids. Chlorine tablets were not present for disinfection. The tertiary filters flowed black water/product when placed into operation. When the filters were manually turned on, a piping failure occurred.

<u>Treatment Flow Measurement-Influent</u>	<u>Yes</u>	<u>No</u>	<u>NA</u>	<u>NE</u>
Is flowmeter calibrated annually?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is flowmeter operating properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does flowmeter monitor continuously?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does flowmeter record flow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does flowmeter appear to monitor accurately?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comment:

<u>Treatment Flow Measurement-Water Use Records</u>	<u>Yes</u>	<u>No</u>	<u>NA</u>	<u>NE</u>
Is water use metered?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the daily average values properly calculated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comment:

<u>Treatment Flow Measurement-Effluent</u>	<u>Yes</u>	<u>No</u>	<u>NA</u>	<u>NE</u>
Is flowmeter calibrated annually?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Inspection Type : Compliance Evaluation

Reason for Visit: Routine

Is flowmeter operating properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does flowmeter monitor continuously?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does flowmeter record flow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does flowmeter appear to monitor accurately?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comment:

Standby Power

Yes No NA NE

Is automatically activated standby power available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is generator tested weekly by interrupting primary power source?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is generator operable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does generator have adequate fuel?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comment: Generator is inoperable.

Treatment Barscreen

Yes No NA NE

Is it free of excessive debris?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is disposal of screenings in compliance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are the bars spaced properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the unit in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comment: No barscreen present. Wastewater dumps directly into the WWTP.

Treatment Activated Sludge

Yes No NA NE

Is the aeration mechanism operable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the aeration basin thoroughly mixed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the aeration equipment easily accessed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is Dissolved Oxygen adequate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are Settleometer results acceptable?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is activated sludge an acceptable color?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comment: Blower units were non-operational. The plant was septic.

Treatment Clarifiers

Yes No NA NE

Are the weirs level?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are the weirs free of solids and algae?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the scum removal system operational?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is the scum removal system accessible?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is the sludge blanket at an acceptable level?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the effluent from the clarifier free of excessive solids?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comment: The clarifier was full of solids, as the WWTP was observed to be in an unmaintained/inoperable condition.

Treatment Return pumps

Yes No NA NE

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Are they in place?

Are they operational?

Comment:

Treatment Filters

Yes No NA NE

Is the filter media present?

Is the filter media the correct size and type?

Is the air scour operational?

Is the scouring acceptable?

Is the clear well free of excessive solids?

Is the mud well free of excessive solids and filter media?

Does backwashing frequency appear adequate?

Comment: Tertiary filters did not appear to have been operated in the recent past. When filteres were activated, a piping failure occurred. Black water flowed for an extended period while the filters were in operation with the water not significantly clearing up.

Treatment Sludge Storage/Treatment

Yes No NA NE

Is the aeration operational?

Is the aeration pattern even?

If required, are Sanitary "Ts" present in tankage?

Comment:

Treatment Disinfection

Yes No NA NE

Is the system working?

Do the fecal coliform results indicate proper disinfection?

Is there adequate detention time (>=30 minutes)?

Is the system properly maintained?

If gas, does the cylinder storage appear safe?

Is the fan in the chlorine feed room and storage area operable?

Is the chlorinator accessible?

If tablets, are tablets present?

Are the tablets the proper size and type?

Is contact chamber free of sludge, solids, and growth?

If UV, are extra UV bulbs available?

If UV, is the UV intensity adequate?

Is it a dual feed system?

Does the Stationary Source have more than 2500 lbs of Chlorine (CAS No. 7782-50-5)?

If yes, then is there a Risk Management Plan on site?

If yes, then what is the EPA twelve digit ID Number? (1000-____-____)

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If yes, then when was the RMP last updated?

Comment: Chlorine tablets were present on-site, however, no tablets were in the chlorination system.

Record Keeping

	Yes	No	NA	NE
Is a copy of current permit available?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are monitoring reports present: NDMR?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NDAR?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are flow rates less than of permitted flow?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are flow rates less than of permitted flow?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are application rates adhered to?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is GW monitoring being conducted, if required (GW-59s submitted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all samples analyzed for all required parameters?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are there any 2L GW quality violations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is GW-59A certification form completed for facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is effluent sampled for same parameters as GW?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Do effluent concentrations exceed GW standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are annual soil reports available?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
# Are PAN records required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
# Did last soil report indicate a need for lime?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If so, has it been applied?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are operational logs present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are lab sheets available for review?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do lab sheets support data reported on NDMR?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do lab sheets support data reported on GW-59s?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are Operational and Maintenance records present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Were Operational and Maintenance records complete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has permittee been free of public complaints in last 12 months?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is a copy of the SOC readily available?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
No treatment units bypassed since last inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comment: Operator log book unavailable. Reported to be located at Eagle Creek WWTP. No sludge management records available.

End Use-Irrigation

	Yes	No	NA	NE
Are buffers adequate?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the cover crop type specified in permit?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the crop cover acceptable?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the site condition adequate?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the site free of runoff / ponding?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Permit: WQ0004696

Owner - Facility: Currituck Water and Sewer LLC

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Is the acreage specified in the permit being utilized?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the application equipment present?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the application equipment operational?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the disposal field free of limiting slopes?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is access restricted and/or signs posted during active site use?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are any supply wells within the CB?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are any supply wells within 250' of the CB?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
How close is the closest water supply well?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is municipal water available in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
# Info only: Does the permit call for monitoring wells?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are GW monitoring wells located properly w/ respect to RB and CB?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are GW monitoring wells properly constructed, including screened interval?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are monitoring wells damaged?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comment:

End Use-Infiltration

Yes No NA NE

# Is the application High Rate or Low Rate?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are buffers maintained?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are any supply wells within the CB?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are any supply wells within 250' of the CB?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is municipal water available in the area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are GW monitoring wells required?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are GW monitoring wells located properly w/ respect to RB and CB?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are GW monitoring wells properly constructed, including screened interval?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is a usable green area maintained?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the disposal site acceptable?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the distribution equipment acceptable?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the disposal site free of ponding?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the disposal site free of breakout?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are the disposal sites free of solids, algae, etc.?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do the records show that the fields are properly maintained?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are the disposal sites free of vegetation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do any surface water features appear to be adversely impacted by GW discharge?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
No chemicals or rototiller used to eliminate vegetation, solids, algae, etc.?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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Mar 26 2024

Permit: WQ0004696

Owner - Facility: Currituck Water and Sewer LLC

Inspection Date: 02/21/2024

Inspection Type : Compliance Evaluation

Reason for Visit: Routine

Comment: Old infiltration basin is not being utilized. Newer partially constructed infiltration basin has not been finished, certified, or placed into service. An active discharge had been placed into use, pumping wastewater out of a pipe through the fence at the facility. Wastewater was ponded behind the WWTP and running off-site. The operator stated that the unpermitted pipe/discharge had been placed into service five days prior to the inspection.

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Mar 26 2024