

## Compliance Inspection Report

**Permit:** WQ0029169      **Effective:** 10/24/23      **Expiration:** 11/30/26      **Owner :** Town of Mount Olive  
**SOC:** S20002      **Effective:** 12/01/21      **Expiration:** 05/31/26      **Facility:** Town of Mount Olive WWTP  
**County:** Wayne      NCSR 1744  
**Region:** Washington      Mount Olive NC 28365

**Contact Person:** Kenny Talton      **Title:** Mayor      **Phone:** 919-659-9539

**Directions to Facility:**

**System Classifications:** SI,

**Primary ORC:**      **Certification:**      **Phone:**

**Secondary ORC(s):**

**On-Site Representative(s):**

**Related Permits:**

**Inspection Date:** 01/17/2024      **Entry Time** 10:00AM      **Exit Time:** 01:30PM  
**Primary Inspector:** Robert B Tankard      **Phone:** 252-946-6481 Ext.233

**Secondary Inspector(s):**

Sarah A Toppen  
Scott A Vinson

**Reason for Inspection:** Routine      **Inspection Type:** Compliance Evaluation

**Permit Inspection Type:** Reclaimed Water

**Facility Status:**     Compliant     Not Compliant

**Question Areas:**

Miscellaneous Questions       End Use-Reuse

**(See attachment summary)**

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**Owner - Facility:** Town of Mount Olive

**Inspection Date:** 01/17/2024

**Inspection Type :** Compliance Evaluation

**Reason for Visit:** Routine

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Inspection Summary:

The site was inspected by Robert Tankard, Sarah Toppen, and Scott Vinson with the assistance of Glenn Holland (operator) with the Town of Mount Olive. The operator operated the system while we were there and showed us that the system were not operating per the plans and permit. The following issues were observed:

\*Wetted area is not built out per the permit. Wetted area is significantly less. Engineer states its operation, however, pumps will not perform to get the needed area. The spray field needs to be field calibrated and re-surveyed.

\*Spray nozzles are spraying across property boundaries and into wetlands/woods.

\*valves are not shutting down water flow to certain nozzles when the fields are not being utilized. lowest nozzle is continuously running water. Ponding in occurring and runoff.

\*WaRO has not seen a engineers certification.

The last communication with the Central office stated the following

"We have enough to allow for operation of the fields they certified for the 61 in/yr rate with the materials they have given what they've provided. They have the soils scientist certifying those fields, and I thought the O&M Plan was acceptable. The new reduced application rate fields which could not handle the 61 inches per year will not be allowed for operation because they haven't submitted final site plans and calculations for their design, which I think they were going to wait until after the hydrogeologic report to do because it has to do with the water balance."

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

<u>End Use-Reuse</u>	<u>Yes</u>	<u>No</u>	<u>NA</u>	<u>NE</u>
Is the acreage in the permit being utilized?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the acreage specified in the permit correspond to the measured acreage at the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all essential units provided in duplicate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is an automatically activated standby power source available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the equalization capacity adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is aerated flow equalization present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has the turbidity meter been calibrated in the last 12 months?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the turbidity meter have recording capabilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is all flow diverted at the appropriate times?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is all upset wastewater diverted from reuse storage unit?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is all upset wastewater treated, retreated, or disposed of acceptably?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is upset wastewater treated prior to discharge to irrigation storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is public access restricted from irrigation area during active site use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If golf course, is a sign posted in plain sight on the club house?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the cover crop acceptable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are buffers adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the site free of ponding/runoff?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the acreage in the permit being utilized?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the application equipment acceptable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the application area free of limiting slopes?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
How close is the closest water supply well?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are any supply wells within the CB?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>

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- Are GW monitoring wells required?
- Are GW monitoring wells located properly w/ respect to RB and CB?
- Are GW monitoring wells properly constructed, including screened interval?

Comment: SPRAY IRRIGATION AREA IS NOT CONSISTANT WITH PERMIT.

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