

Town of Mineral

CONDITION ASSESSMENT REPORT

**Tank Name:**

Town of Mineral Tank

Location:

214 Louisa Ave.

Tank Size and Style:

50,000 Elevated

Project Number:

103268

Inspection Date:

June 26, 2025

Inspected By:

Felipe Torres

Town of Mineral Contact Information:**Administrative:**

Nicole Washington

Address:

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Mineral, VA 23117

Phone/Email:

540- 8945183
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nwashington@townofmineral.net

Job:

Nicole Washington

Utility Service Co., Inc.

Address

535 Courtney Hodges Blvd
PO Box 1350
Perry, GA 31069

Email and Website

Website: www.usgwater.com
Email: customerservice@usgwater.com

Customer Service Information

866-919-3471

Summary

All interior tank surfaces were inspected with a submersible remotely operated vehicle (ROV) to assess the overall coatings and structural conditions while allowing the tank to remain in-service. The ROV unit is strictly used for potable water use and was disinfected consistent with AWWA C652-Method 2 prior to entry into the tank.

The tank will be scheduled for a Visual Inspection in 2026.

Coating Type & Conditions

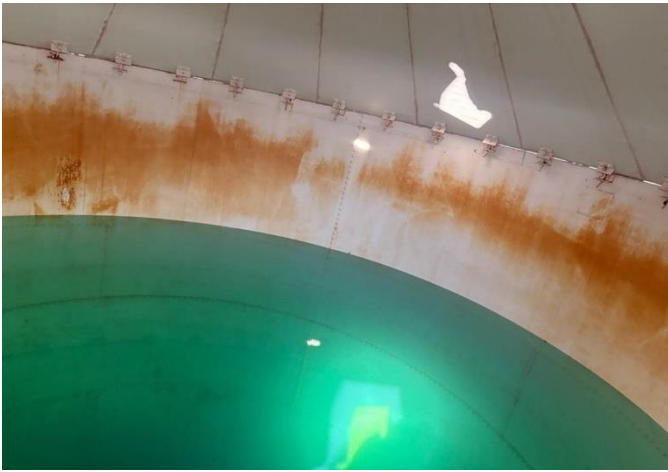
- **Interior Coating Condition:** Interior coating is beginning to show minor breakdown. Heavy staining present on sidewalls up to high water level. Areas will continue to be monitored.
- **Exterior Coating Condition:** No deficiencies noted in the exterior coating.
- **Logo Condition:** No deficiencies noted.



Interior Roof and Sidewall Coating



Interior Roof and Sidewall Coating



Interior Roof and Sidewall Coating



Interior Sidewall and Bowl Coating



ROV Sidewall Coating



ROV Sidewall and Bowl Coating



Exterior Roof Coating



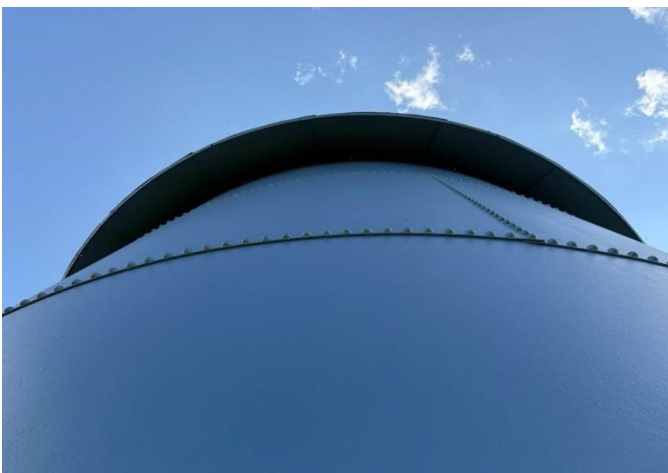
Exterior Roof Coating



Exterior Roof Coating



Exterior Roof Coating



Exterior Sidewall Coating



Exterior Sidewall Coating



Exterior Sidewall and Logo Coating



Exterior Sidewall and Logo Coating



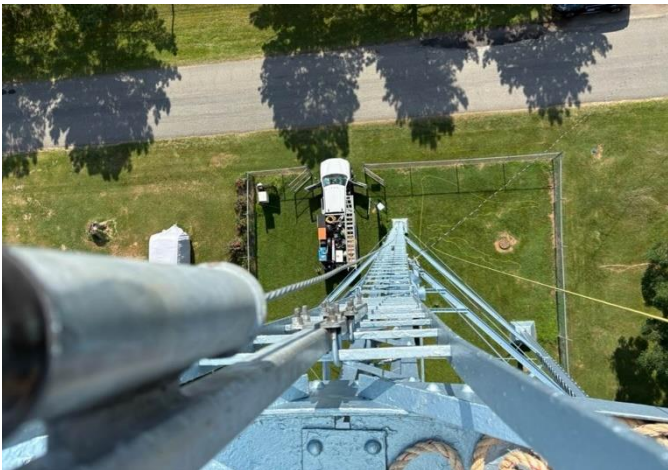
Exterior Bowl and Riser Coating



Exterior Bowl and Riser Coating

Safety

- **Safety Climbing Devices:** Ladders are equipped with secured safety climb devices.
- **Access Hatch:** No deficiencies noted.



Ladder Equipped with Safety Climb Device



Open Roof Access Hatch

Sanitary

- **Vent Screen:** No deficiencies noted with vent screen.
- **Overflow Pipe Screen Flapper:** Overflow pipe is equipped with flap gate and screen. No deficiencies noted with flapper.
- **Evidence of Foreign Matter:** No evidence of foreign matter observed.
- **Sediments:** Sediment is present in bottom of tank. The tank will be cleaned at the next scheduled washout.



Roof Vent Screen



Overflow Pipe Screen



ROV Sediment Present



ROV Sediment Present

Security

- **Fence Around Site:** Tank is located inside a fenced-in area that is secure.
- **Ladder Gate/Access Door:** Exterior ladder has a ladder gate installed and is locked.
- **Access Hatch Locked:** Access hatch is locked and secured.
- **Evidence of Vandalism:** No evidence of vandalism was found.



Locked Ladder Gate



Locked Roof Access Hatch

Structural

- **Foundation:** Foundation appears in good condition. No deficiencies noted.
- **Legs:** No deficiencies noted with tank legs. Paint coating continues to protect the substrate.
- **Access Ladders:** No deficiencies noted for dry-side access ladder and connections.
- **Column Flanges:** Column flanges are painted and no corrosion is present.
- **Anchor Bolts:** Anchor bolts are protected and show no rust or corrosion.
- **Riser Pipe:** No deficiencies noted with riser. Paint coating continues to protect the substrate.
- **Riser Rods:** No deficiencies noted with riser rods.
- **Wind Rods:** No deficiencies noted with wind rods.
- **Watertight Conditions:** There are no visible leaks at the time of inspection.
- **Balcony:** No deficiencies or corrosion damage noted for balcony railings and landings.
- **Interior Ladders:** No deficiencies noted for the interior ladder and connections.
- **Roof:** No deficiencies noted with roof structure.
- **Vents:** No deficiencies noted with vent structure.
- **Overflow Pipe:** No deficiencies noted. Overflow pipe extends to ground level.
- **Welds:** No deficiencies noted with weld seams.
- **Bolts And Rivets:** No deficiencies were noted for the bolts and rivets. No leaks are present.
- **Float System:** Float system is in working condition. No deficiencies noted.
- **Level Indicator:** Level indicator is in working condition with no deficiencies noted.





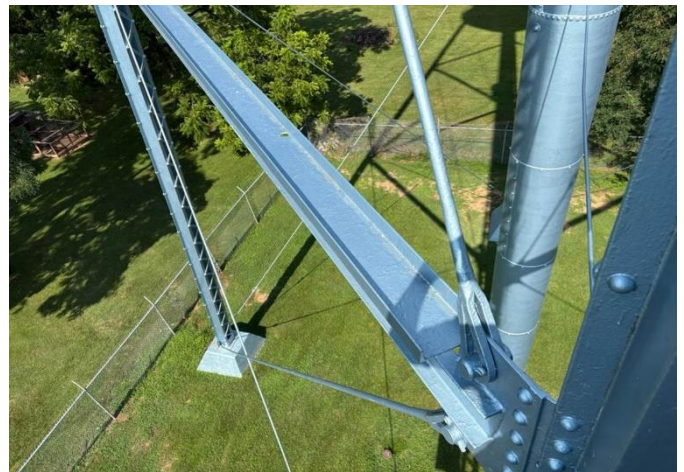
Foundation, Anchor Bolt, and Rod Connection



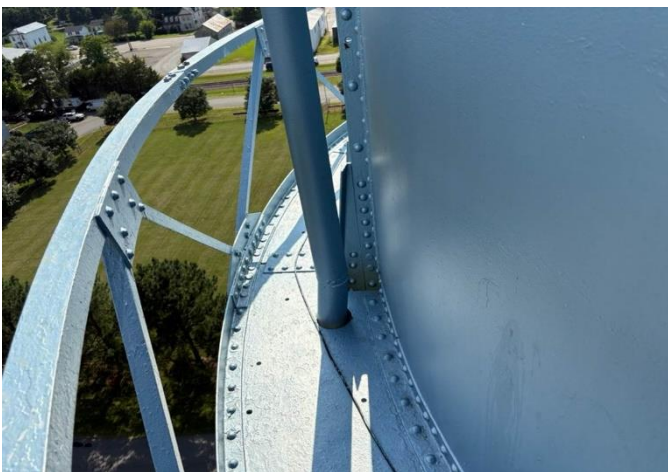
Overflow Pipe Termination



Multi Bolt Riser Manway with Davit Arm



Strut and Rod Connections



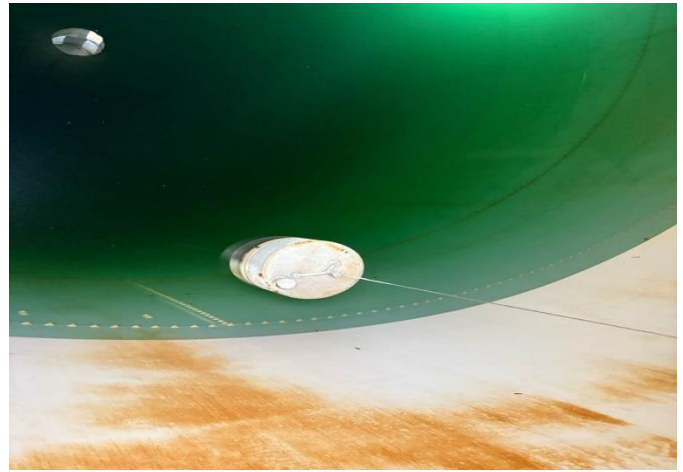
Balcony and Handrail Structure



ROV Interior Roof Structure



Roof Vent Structure



Tank Float System



Tank Water Level Indicator



Tank ID

Steel Tanks

The determinations and recommendations made within this report with respect to the condition of the steel structure, integrity, or other surface defects are based upon visual observations made during the inspection. Extensive testing or investigation of the steel to determine the extent of the metal loss or capacity of the structure was not completed.

**Town of Mineral
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