

# 2024 Condition Assessment

**TOWN OF HOWEY IN THE HILLS,  
FL TOWN TANK  
50,000 Gallons**



**Inspection Date: Mar 25, 2024  
Water System Consultant: Raymond Bates**



# PROJECT INTENT AND RESULTS

USG Water Solutions - Utility Service Co., Inc. conducted an inspection of the Water Storage Tank based on OSHA, AWWA and local requirements for Sanitary, Safety, Security, Coatings, and the overall condition of the Structure. A summary of the inspection results, including photographs and recommendations, outlining the urgency for any items we feel require addition attention to maintain and preserve the Structure are as follows:

## Results SANITARY:

- Vent
- Leaks, Holes, or Points of Intrusion
- Water Quality
- Overflow

## Results SAFETY AND SECURITY:

- Access Hatches, Manways or Doors
- Fences, Gates, Guards or Vandalism
- Ladders, Platforms, Handrails or Stairs
- Lightning, Alarm Systems or Telecommunications

## Results COATING:

- Exterior
- Water Chamber
- Dry Interior

## Results STRUCTURE:

- Roof
- Shell
- Supporting Members
- Appurtenances
- Anchors and Foundation

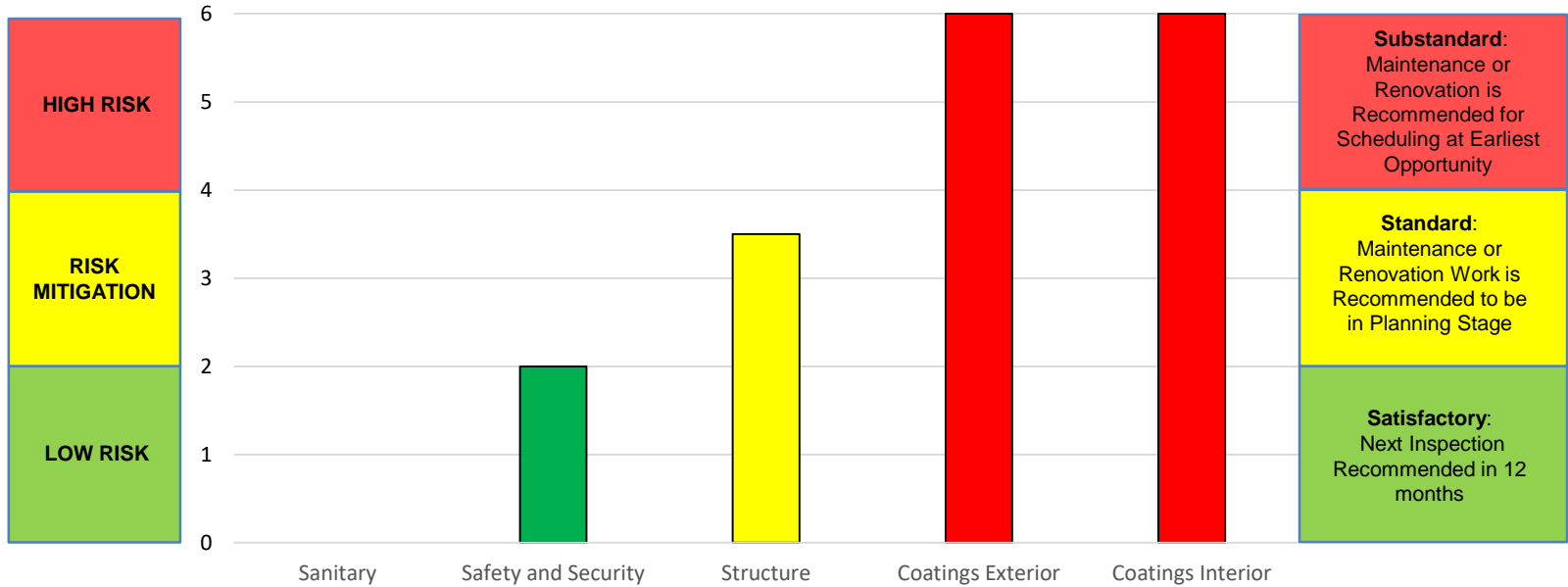
### During the inspection, the following scope of work was performed:

- Visual Inspection of the tank interior and exterior accessible without rigging, to include appurtenances.

### Legend of Recommendations

- Low Risk  = Next Inspection Recommended in 12 months
- = Maintenance or Renovation Work is Recommended to be in the **Planning Stage**
- High Risk  = Maintenance or Renovation is Recommended for **Execution** at Earliest Opportunity
- N/A  = Not Applicable

# INSPECTION SUMMARY



# TANK PROFILE



SANITARY

SAFETY AND SECURITY

COATINGS AND CORROSION

STRUCTURE

# Tank Legs & Substructure Struts & Wind Rods



SANITARY

SAFETY AND SECURITY

COATINGS AND CORROSION

STRUCTURE



# Tank Leg Anchor Supports



SANITARY

SAFETY AND SECURITY



COATINGS AND CORROSION

STRUCTURE

# Tank Leg Support Structure Struts, Wind Rods & Riser Rods



SANITARY



SAFETY AND SECURITY



COATINGS AND CORROSION



STRUCTURE



# Tank Support Structure Struts, Wind Rods, & Riser Rods



SANITARY



SAFETY AND SECURITY



COATINGS AND CORROSION



STRUCTURE



# Tank Struts, Wind Rods, Turn Buckles



SANITARY

SAFETY AND SECURITY

COATINGS AND CORROSION

STRUCTURE

# Exterior Ladder



SANITARY

SAFETY AND SECURITY

COATINGS AND CORROSION

STRUCTURE



# Exterior Underneath Catwalk Floor



SANITARY

SAFETY AND SECURITY

COATINGS AND CORROSION

STRUCTURE



# Exterior Below Bowl Catwalk



SANITARY



SAFETY AND SECURITY



COATINGS AND CORROSION



STRUCTURE

# Exterior Shell Bowl & Catwalk



SANITARY

SAFETY AND SECURITY

COATINGS AND CORROSION

STRUCTURE



# Exterior Tank Shell & Catwalk



SANITARY

SAFETY AND SECURITY

COATINGS AND CORROSION

STRUCTURE



# Exterior Tank Shell Side Wall



SANITARY

SAFETY AND SECURITY



COATINGS AND CORROSION

STRUCTURE

# Tank Shell Side Walls & Bottom Shell



SANITARY



SAFETY AND SECURITY



COATINGS AND CORROSION



STRUCTURE

# ANTENNAS AND COAXIAL



SANITARY



SAFETY AND SECURITY



COATINGS AND CORROSION



STRUCTURE



# EXTERIOR LEGS



SANITARY



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COATINGS AND CORROSION



STRUCTURE

# Exterior Pipe Inlet & Outlet



SANITARY



SAFETY AND SECURITY



COATINGS AND CORROSION



STRUCTURE

**THANK YOU**

