

WATER TANK INSPECTION REPORT

CITY OF MANOR, TEXAS

03/07/2023



TANK NAME:	Clarifier	Location:	Gilbert Road
CAPACITY:	125,000 Gallons	STYLE:	Ground Storage Tank
CONSTRUCTION STYLE:	Bolted	CONSTRUCTION DATE:	8/2006
BUILDER:	Superior	HEIGHT/DIMENSION:	24' HWL



COATINGS



SAFETY



SANITARY



STRUCTURAL



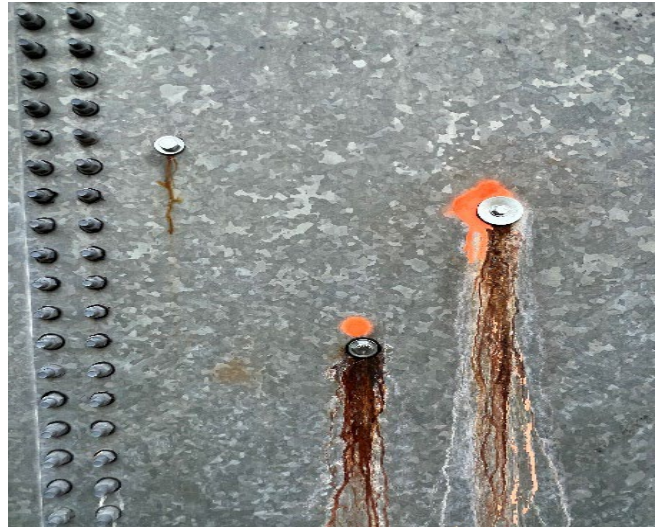
SECURITY

EXTERIOR COATING



Exterior Coating

Poor Condition with pitting galvanized plates. Leak repair was performed.



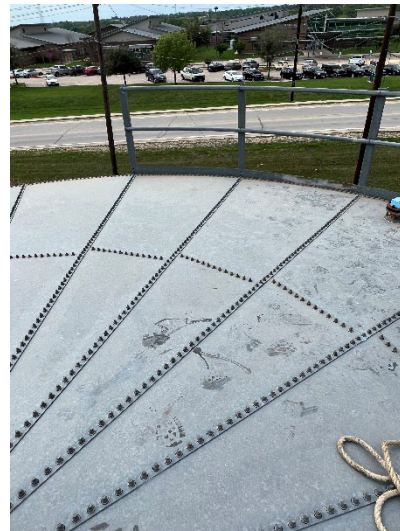
Exterior Coating

Sidewall tank failure. 3 leak repairs made in this one plate.



Exterior Coating

Roof top is in fair condition.



Exterior Coating

Galvanized plates in photo are showing wear.

INTERIOR CONDITIONS



Interior Coating

Interior galvanized steel panels are exhibiting both general and localized corrosion and steel loss. Panels are in poor condition.



Interior Coating

Poor condition.



Interior Coating

Poor condition.



Interior Coating

Poor condition.

SAFETY CONDITIONS



Safety Climb

Ladder cage is in place.



Tank Access

Tank access is proper size and configuration.

SANITARY CONDITIONS



Vent Screen

Vent and screen are in place. Vent is non-compliant style.



Overflow

Overflow is in good condition and routed to ground level.
Flapper is in place.

STRUCTURAL CONDITIONS



Foundations

Foundation and grout are in fair condition.



Tank Structure

Tower structure is in good condition.

SECURITY CONDITIONS



Hatch

Roof man way is in good condition and secured.



Tower Access

Tower access was secure upon arrival and secure upon completion.

SUMMARY

Exterior:

Galvanized: Fair condition with areas of staining and leak repairs. Current leak somewhere in floor.

Interior Wet Area:

Galvanized: Poor condition with heavy staining, scattered failures, and pitting. Repairs required soon.

Safety:

All safety items are in compliance with current standards.

Sanitary:

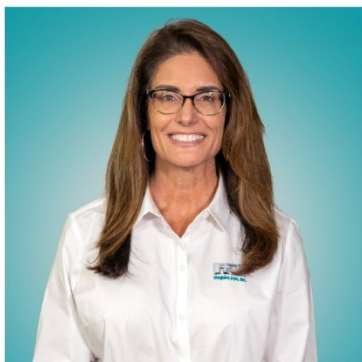
All sanitation items are in compliance with current standards.

Structural:

Tank and tower appear structurally sound.

Security:

Tank was secure upon arrival and departure.



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