

**Visual Inspection Report**

**Chapman Technical Services, LLC**

5556 7<sup>th</sup> Street

Satsuma, AL 36572

251-442-5911

Inspection Date: 05/21/18 01:30 PM

\*

On May 21<sup>st</sup> I did a visual inspection of the above referenced elevated water storage tank. I have listed below my findings and recommendations. The tank is in fair condition and could last between 3-7 years further before over coating if the items in red are address soon. The riser rods are rusted badly and there is moss growing on the tank in multiple locations. The exterior ladder and catwalk also has multiple rust spots of concern.

The interior has some spots with rust that should be be watch but most of the interior coatings area holding up. I would recommend a inspection and a wash out every 2 years to make sure there are no new issues that need to be addressed that could cost more if not taken care of.

This was a follow up inspection from 5-21-16.

**Foundations Conclusions:**

- \* There are not issues with the foundations.

**Inspection of the tank support tower:**

- \* The legs and riser are in good condition .
- \* The rods and braces are rusting badly.

**Inspect the tank's balconies and handrails:**

- \* The catwalk has multiple rust spots of concern.

**Inspection of the exterior tank:**

- \* The exterior is in good condition

**Inspection of accessories:**

- \* The vent is in good condition
- \* The ladders on the tank and the exterior leg needs to be touched up, There are many spots with rust.
- \* Hatch has rusting spots.

**inspection of sanitary conditions:**

- \* The tank has a small amount of sediment.

**Inspection of OSHA-related accessories:**

- \* Safety Climbs are in place and in good condition
- \* Handrail on the top of the tank is correct
- \* Manholes are correct size.

**Inspection of cathodic protection:**

- \* No cathodic protection on this tank

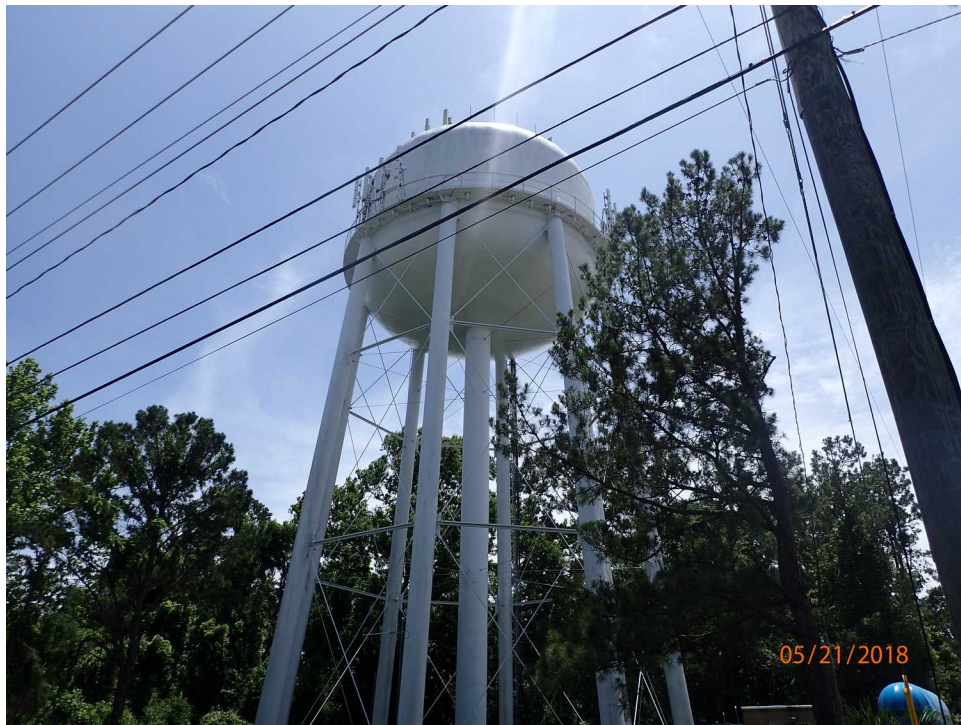
**Interior inspection:**

- \* The angle on the side of the tank has multiple locations with rust that need to be touched up.

See pictures below for more information

Ed Chapman

## Demere Road Tank



Rust spots on the bottom of the leg



Riser manhole



Support tower





Moss of Struts



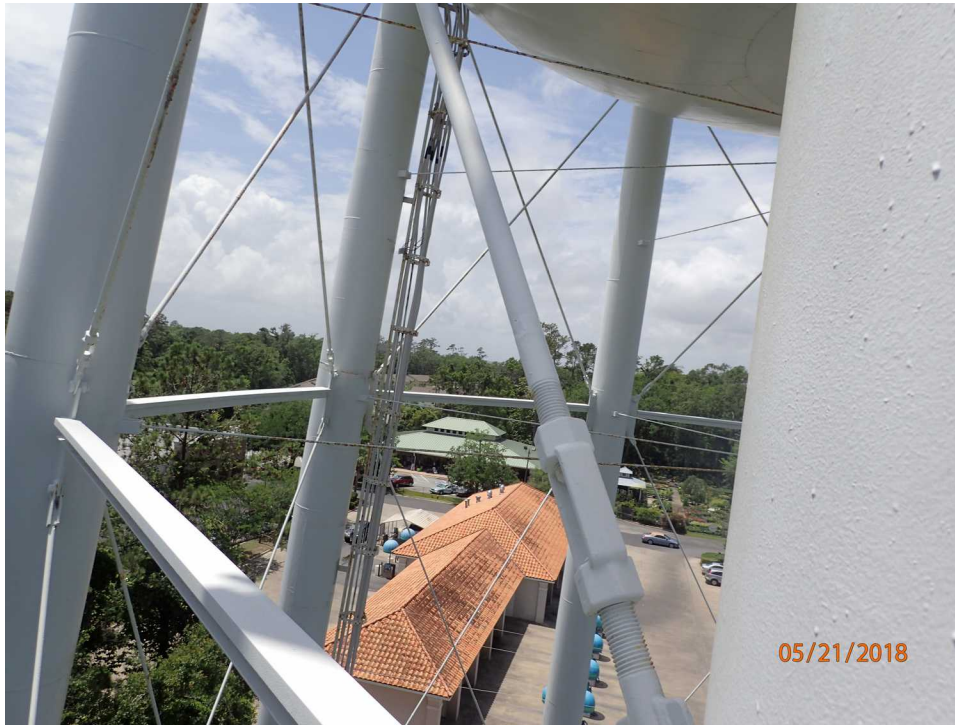
Rust on ladder



Rust on ladder



Rods rusting badly



Rust on catwalk

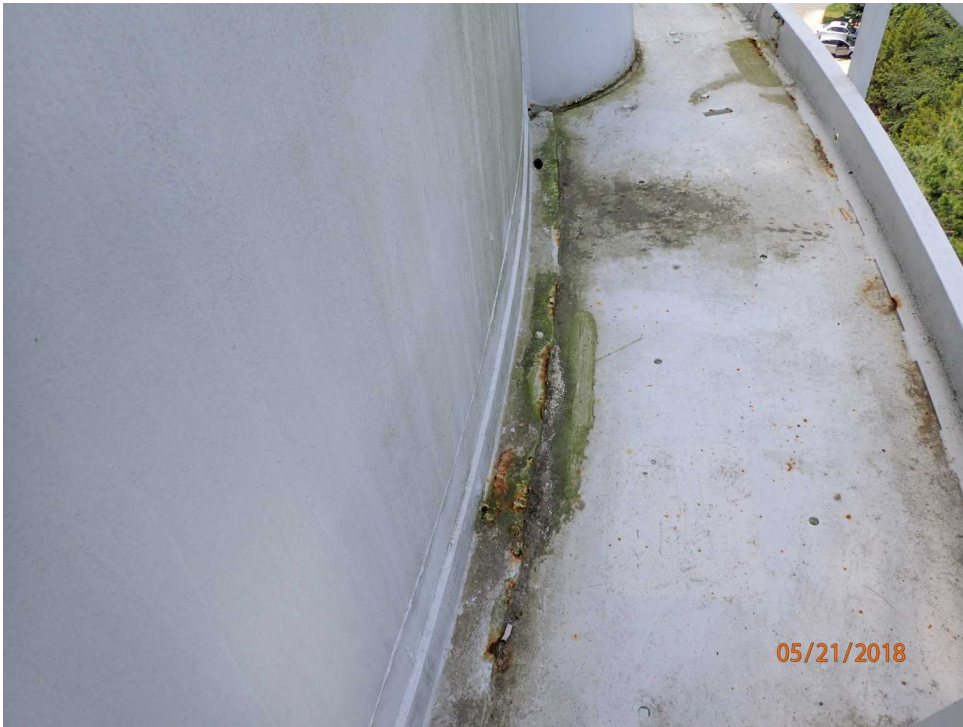


Rust on catwalk





Rust on catwalk



Rust on catwalk



Rust on top ladder



Rust on manhole





Moss on top of tank



Moss on top of tank



Top vent



Interior ceiling



Rust on interior side angle



Rust on interior side angle





Rust on interior side angle



Interior bowl

