



West Saline Water Users

CONDITION ASSESSMENT REPORT



Tank Name:
Tank #1 (Caldwell)

Location:
160 Mount Elba Road

Tank Size and Style:
100,000 Elevated

Project Number:
116749

Inspection Date:
April 10, 2018

Inspected By:
Bradley Paulman

West Saline Water Users Contact Information:

Administrative:
David Harper

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Customer Service Information
Robin Black
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Summary

The tank interior was cleaned, washed out, inspected and disinfected according to AWWA Standards Spray Method #2 and made ready for service.

The tank will be scheduled for a Visual Inspection in 2019.

Coating Type & Conditions

- **Interior Coating Condition:** Spot corrosion and minor rust streaking/staining deficiencies were noted with the interior coating. Areas will continue to be monitored.
- **Exterior Coating Condition:** Coating is faded with mildew present on the exterior. Due to the age and condition of the coating, an exterior renovation will be scheduled.



Interior Coating Roof



Interior Coating Roof



Interior Coating Sidewall



Interior Coating Sidewall



Interior Coating Bowl



Interior Coating Bowl



Exterior Coating



Exterior Coating



Exterior Coating



Exterior Coating Roof



Exterior Coating Roof



Exterior Coating Roof

Safety

- **Safety Climbing Devices:** Ladders are equipped with secured safety climb devices.
- **Access Hatch1:** No deficiencies noted.



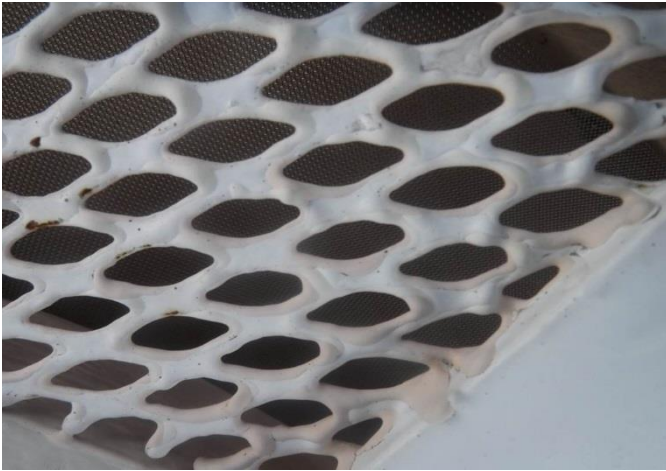
Safety Climb on Access Ladder



Wet Interior Access Hatch Open

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:** Heavy sediment in bottom of tank was cleaned out with pressure washing. Some brown mineral stain still remains.



Vent Screen



Overflow Screen



Pre-Washout Sediment



Post-Washout Interior

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.



Ladder Guard Locked



Access Hatch Locked

Structural

- **Foundation:** Foundation appears in good condition, but erosion is occurring around the foundation.
- **Legs:** No deficiencies note with tank legs. Paint coating continues to protect the substrate. Light mildew exists on structure.
- **Access Ladders:** No deficiencies noted for dry-side access ladder stiles, rungs 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 manway, riser or legs.
- **Balcony:** No deficiencies or corrosion damage noted for balcony railings and landings.
- **Interior Ladders:** No deficiencies noted for the interior ladder stiles, rungs and connections.
- **Roof:** Minor rust streaking/staining and spot corrosion was present in on the roof. Areas will continue to be monitored.
- **Vents:** No deficiencies noted with vent.
- **Overflow Pipe:** No deficiencies noted. Overflow pipe extends to ground level.
- **Welds:** No deficiencies noted with weld seams.
- **Float System:** Float system is in working condition. No deficiencies noted.
- **Level Indicator:** Level indicator is in working condition with no deficiencies noted.



Leg Structure



Riser Manway



Tank Identification Plate



Balcony

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.

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