

ONE WORLD BEEF

Beef Processing and Cold Storage Facility



OVERVIEW...

One World Beef is a beef processing and cold storage facility located in Brawley, California where temperatures in the summer months often exceed 100 degrees. The water treatment system consists of 6,000 tons of cooling and eight cooling towers.

Due to the significant amount of cattle processed and frozen at this plant, running an efficient cooling system is a critical part of the operations at this site.

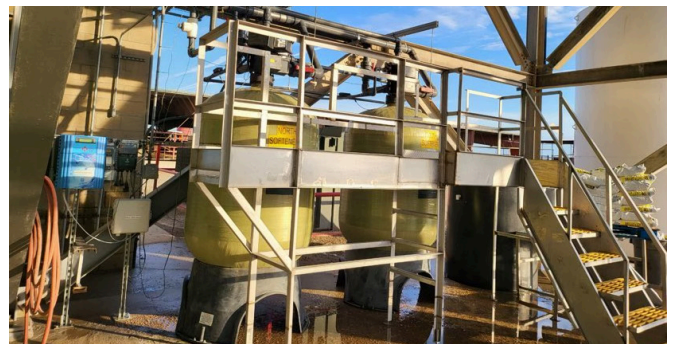
Prior to working with Capture H₂O, this plant utilized a traditional water treatment program to treat its cooling water. Combined with the high heat and demand for cooling, this treatment approach led to scaling issues and significant water consumption.

SOLUTION...

One World Beef started using the Capture H₂O High Cycle Program in May of 2022. This program couples patented technology with high level service and wireless monitoring, resulting in significant water and cost savings.

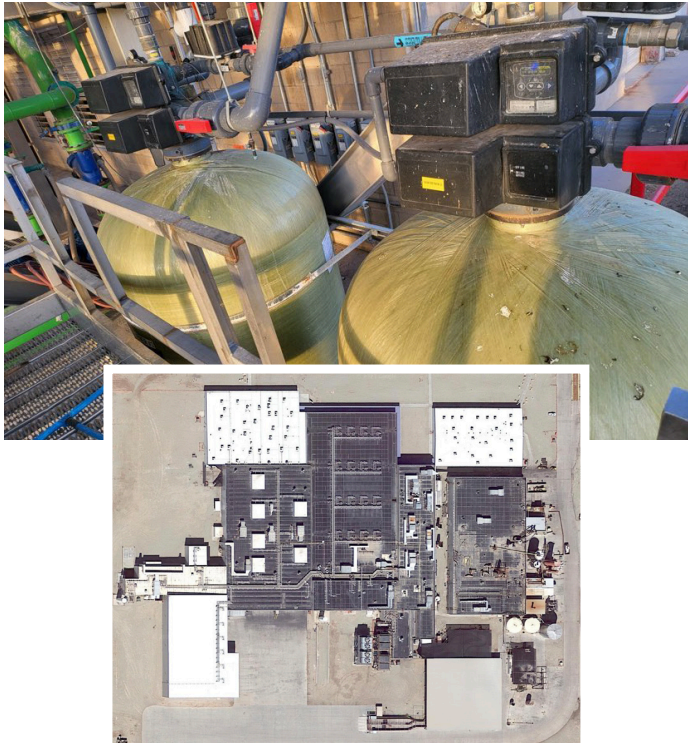
With the high efficiency softeners installed on the makeup water line to the eight cooling towers, the plant has been able to raise its cycles of concentration from two to 25 cycles of concentration, or, in other words, significantly decreasing the amount of water going to the drain. This change is expected to save the site between 7 and 10 million gallons of water annually.

The Capture H₂O High Cycle Program solves for scale without a scale inhibitor, and solves for bacteria without any biocides. This has drastically reduced the chemical consumption at this site and made the site safer for employees and the environment.



SUMMARY...

By partnering with Capture H₂O, the One World Beef Plant is expected to save 7 to 10 million gallons of water annually which helps conserve resources for Brawley and California.



Find out how Capture H₂O can help your business shift to a more sustainable, cost-effective water treatment program at captureh2o.com

CAPTURE H₂O HAS HELPED ONE WORLD BEEF:

60%

INTERNAL RATE OF
RETURN (IRR)

SAVE 7-10

MILLION GALLONS
ANNUALLY

22 MONTH

PAYBACK

WORLD- CLASS

SCALE, CORROSION,
AND BACTERIA
CONTROL



“Capture H₂O and the High Cycle Program have led to better scale, corrosion and bacteria control and large water and cost savings. We are grateful to have them at One World Beef.”

- EDDIE BELTRAN