OPPORTUNITY

How much water do cooling towers routinely flush from the system?

TECHNOLOGY

How do Alternative Water Treatment (AWT) systems work?

INCREASE CoC (CYCLES OF CONCENTRATION) WHILE CONTROLLING SCALE & CORROSION

AWT systems hold minerals in suspension at increased CoCs.

M&V

Where did Measurement and Verification (M&V) occur?

RESULTS

How did the four AWT systems perform in M&V?

Positive Return on Investment for all Systems

@ 2017 GSA average water/sewer cost of $16.76/kgal

DEPLOYMENT

Where do the assessments recommend deploying AWT systems?

ALL COOLING TOWERS

Anticipate changes needed to O&M contracts to transition from traditional chemical treatment to alternative water treatment systems.