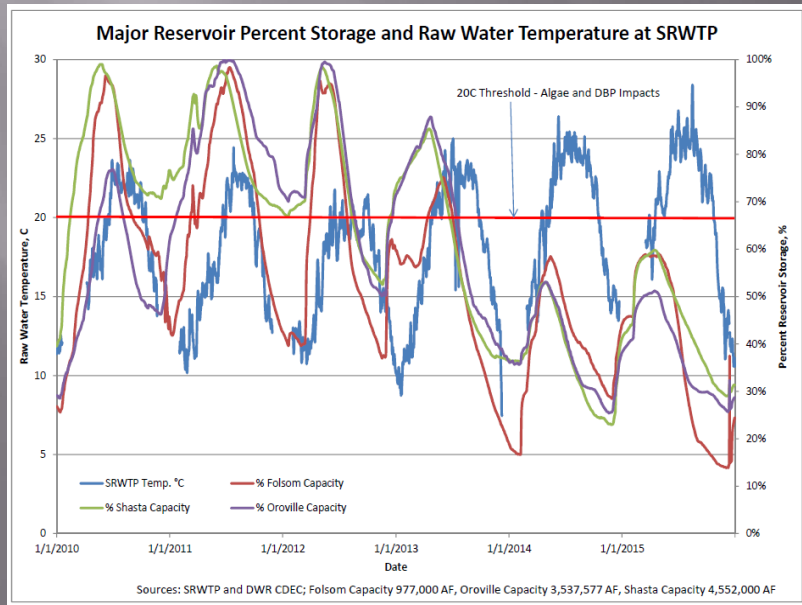
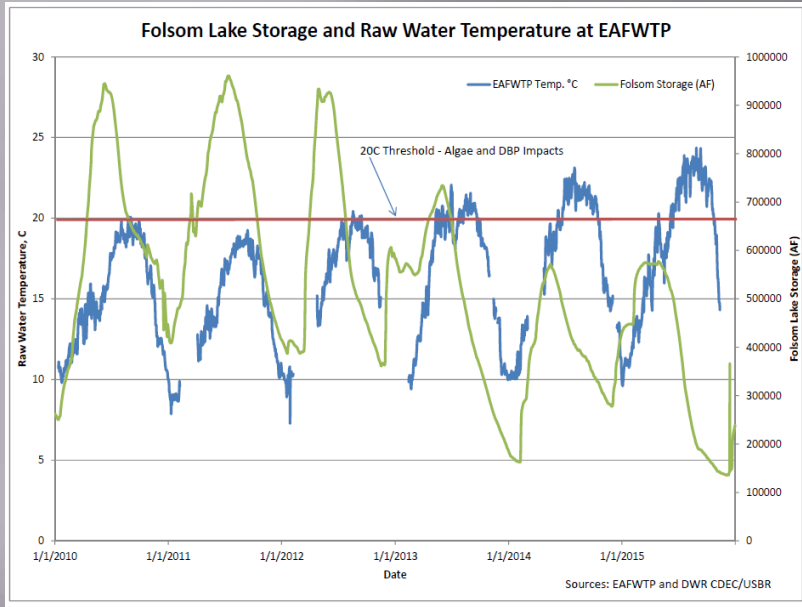


Water Quality Impacts of WaterFix



- Reservoir operation changes causing increased source water temperatures contributing to blue-green algae growth in the source water and treated water DBP formation, and
- Increases in residence time/water column stability caused by changing river flows and associated lower river velocities, resulting in increased presence of blue-green algae in the source water.

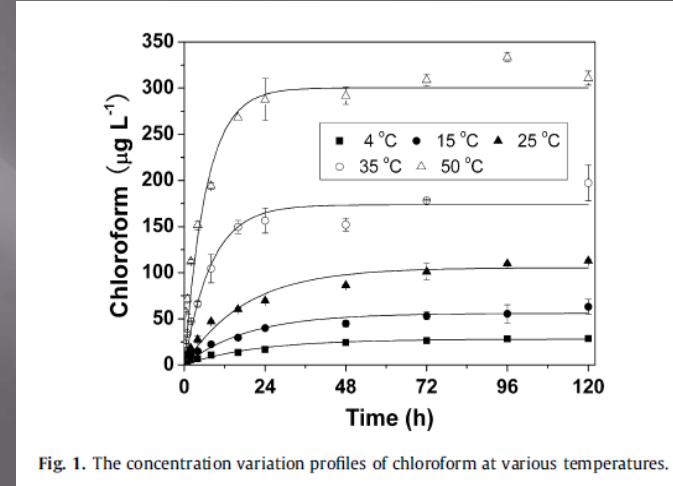


Fig. 1. The concentration variation profiles of chloroform at various temperatures.

Source: Zhang, X.I et al., "Formation of disinfection by-products: Effect of temperature and kinetic modeling," *Chemosphere* 90 (2013): 634-639.

Analyzed	Analyte	Sample ID	Result
08/12/2016 21:01	Microcystin-YR (MC-YR)	<u>SRWTP Tap 1 (Sac River Raw)</u>	0.24

Analyzed	Analyte	Sample ID	Result
08/10/2016 5:34	Anatoxin a	<u>American River</u>	0.068