

# MARAIS DES CYGNES

REGIONAL PLANNING AREA - AUGUST 2018

Current load reduction practice implementation will reduce sedimentation by **2%**

Modeling of surface water supply to refine reservoir management

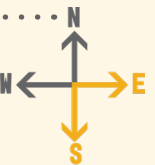


## Hillsdale Lake

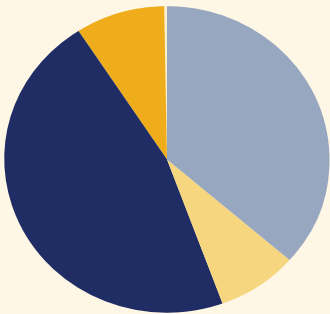
will be insufficient to meet projected demands through a 1950s type drought by



Located in **SOUTHEAST** Kansas



Water Supply Use



- Irrigation 8%
- Industry 37%
- Stockwater <1%
- Municipal 46%
- Recreation 9%



KWO Planner - Bobbi Luttjohann

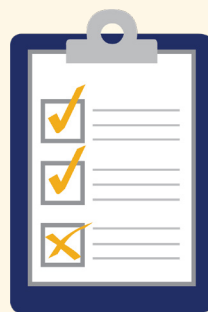
[bobbi.luttjohann@kwo.ks.gov](mailto:bobbi.luttjohann@kwo.ks.gov)



Melvorn Outlet Pond experienced HABs every year from

**2015 to 2018**

Evaluation of Small Public Water Supply lakes to determine if demand is being **MET**



Cover crop & soil health field days demonstrate benefits & the potential to **reduce sedimentation**

