

WATER QUALITY STATUS AND TRENDS IN ORANGE CREEK BASIN LAKES AND TRIBUTARIES

Jian J. Di

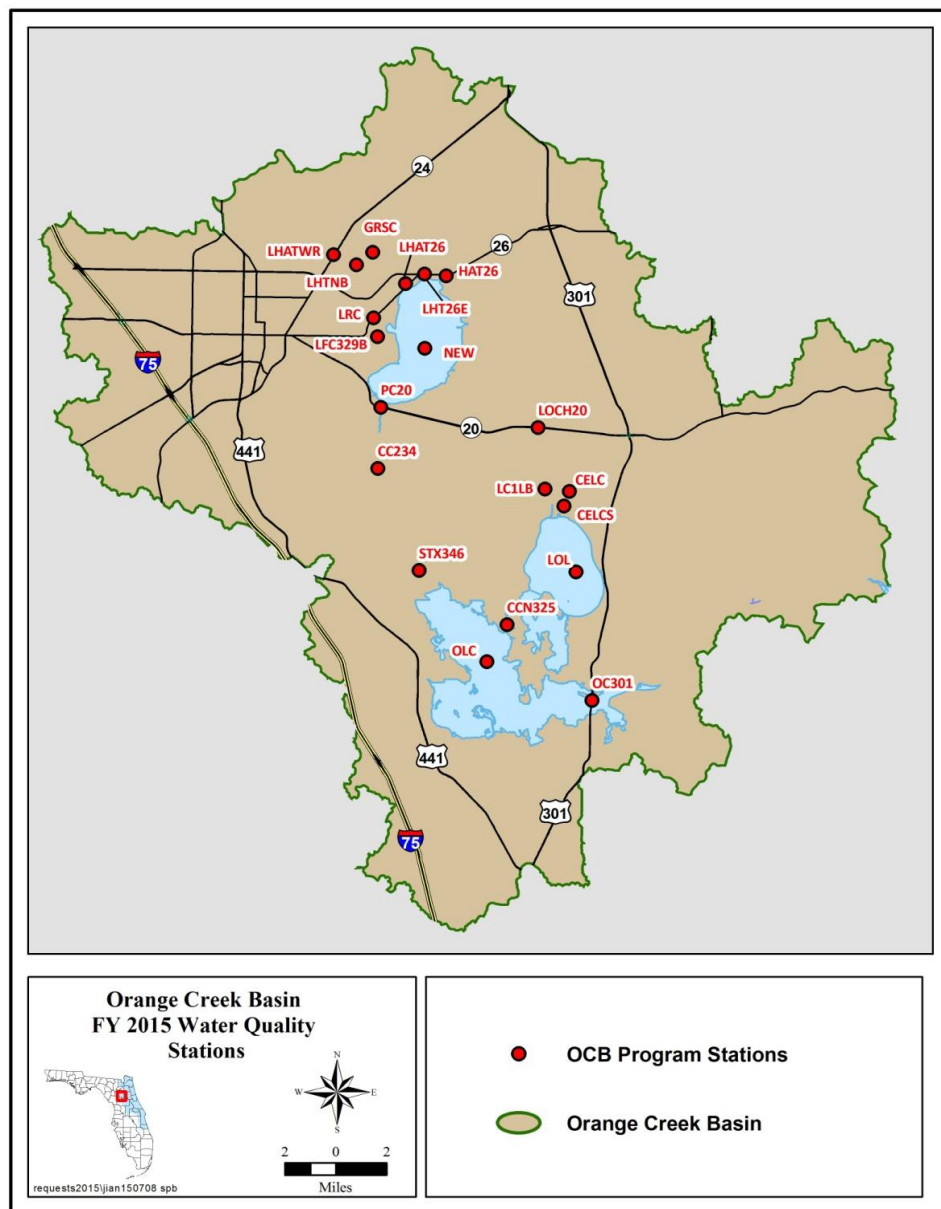
Orange Creek Basin Lead Scientist

**Regulatory, Engineering and Environmental Services Division
St. Johns River Water Management District**

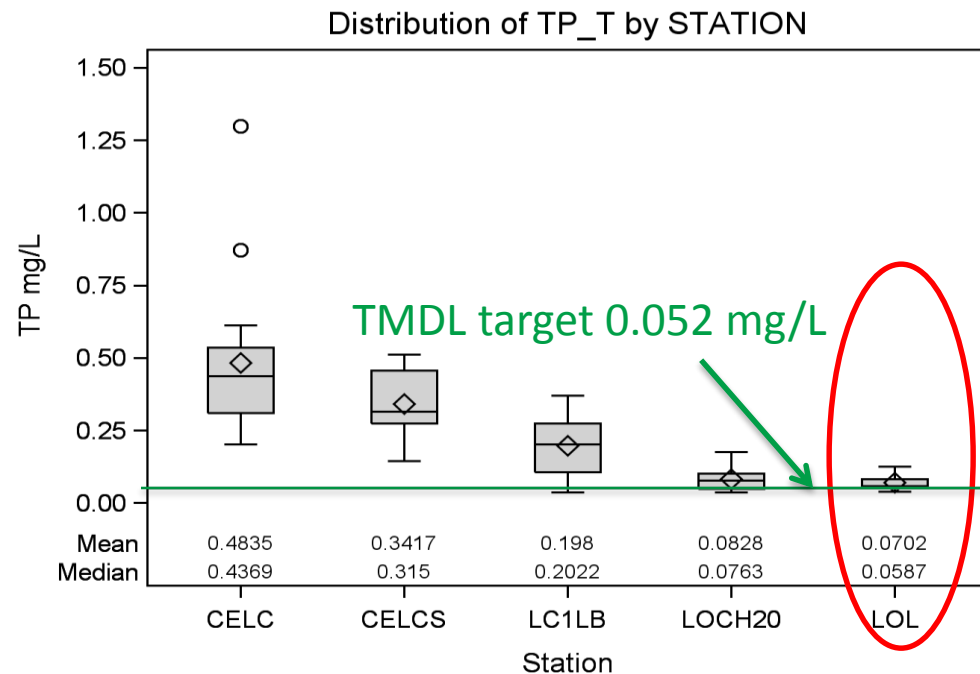
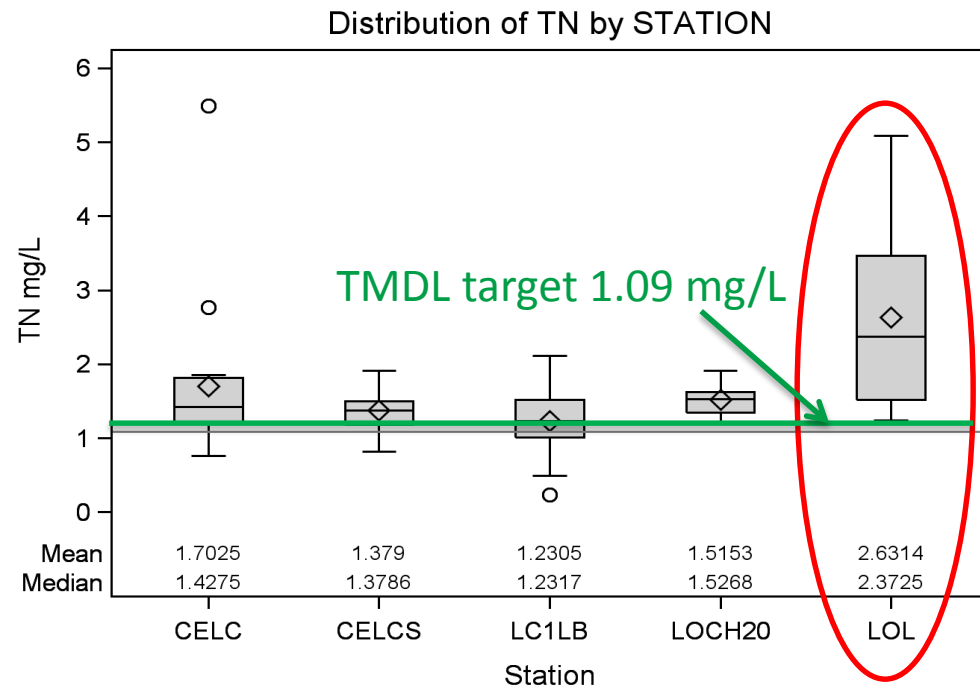


St. Johns River
Water Management District

Orange Creek Basin Water Quality Stations (20)



TN and TP status in Lochloosa lake and its tributaries (2010 – 2014)



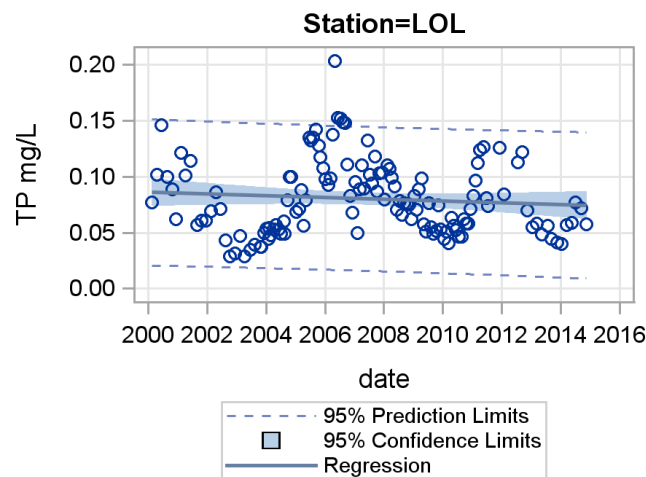
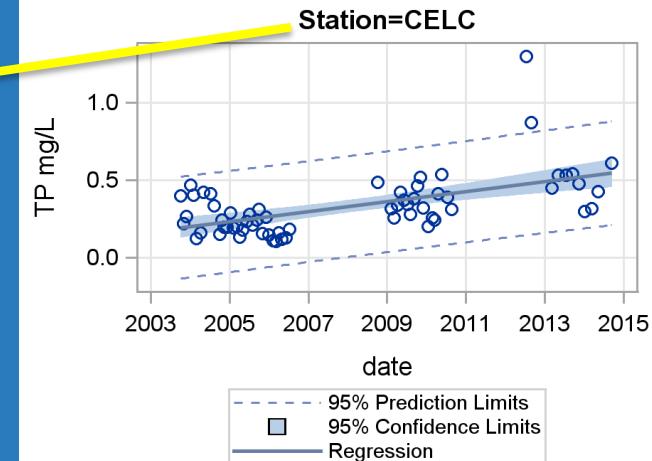
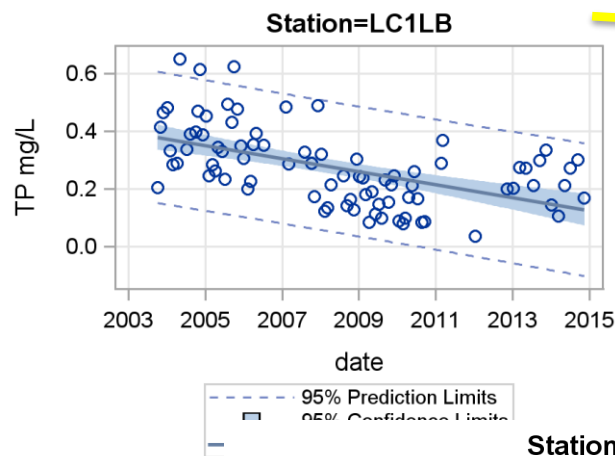
TN and TP trends in Lochloosa Lake and its tributaries



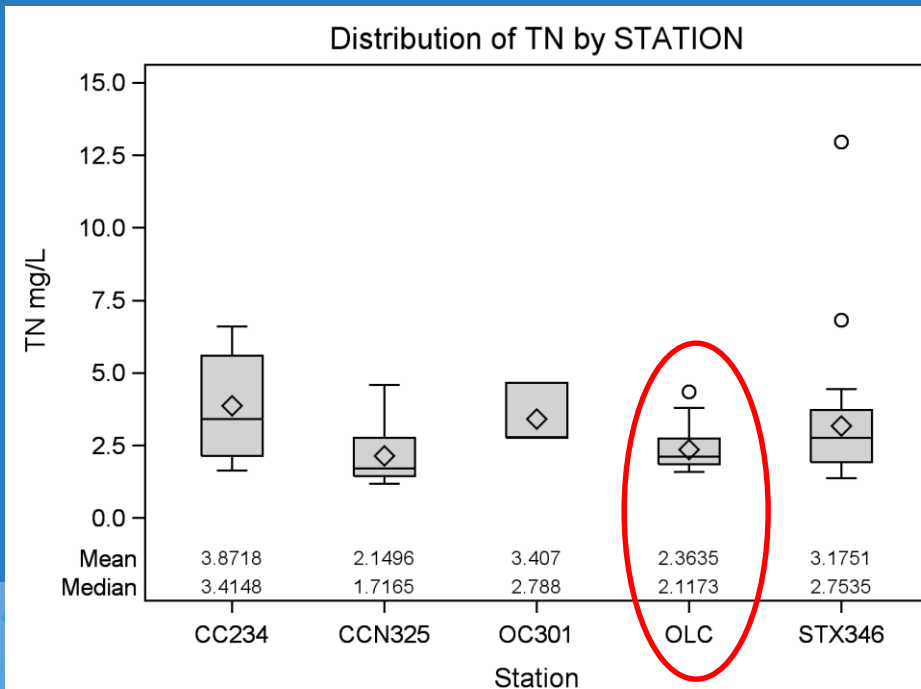
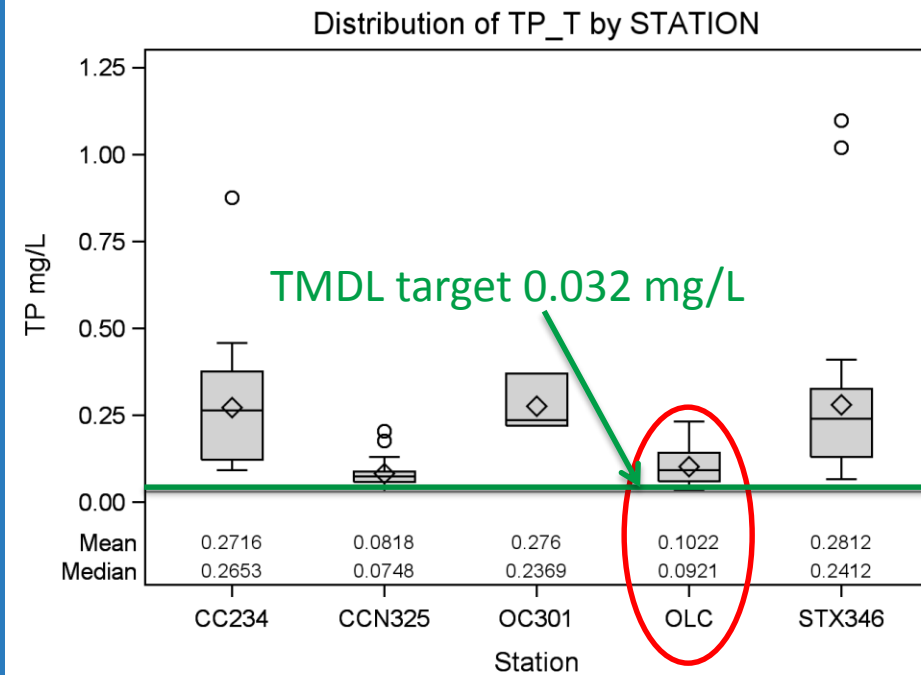
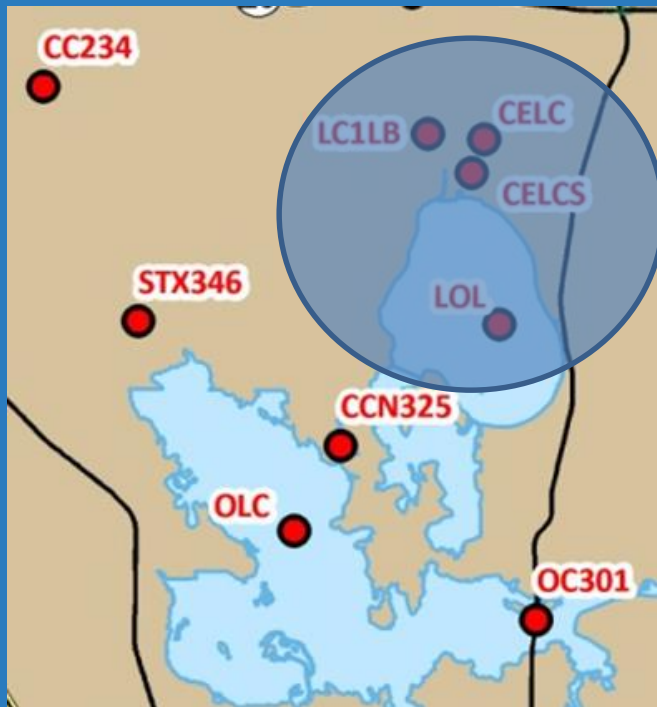
Red letter indicates significant increasing trend at 0.05 alpha level

Green letter – indicates significant decreasing trend at 0.05 alpha level

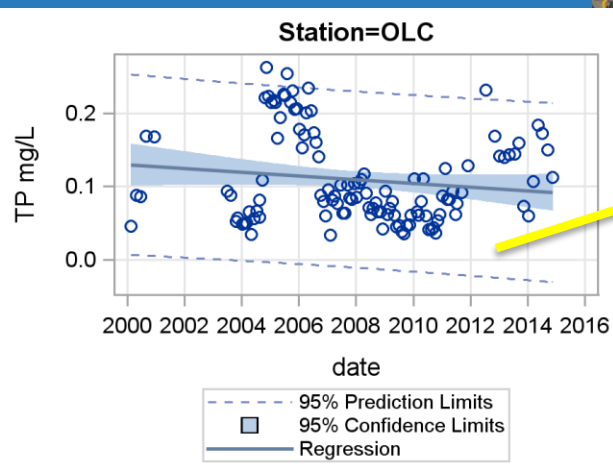
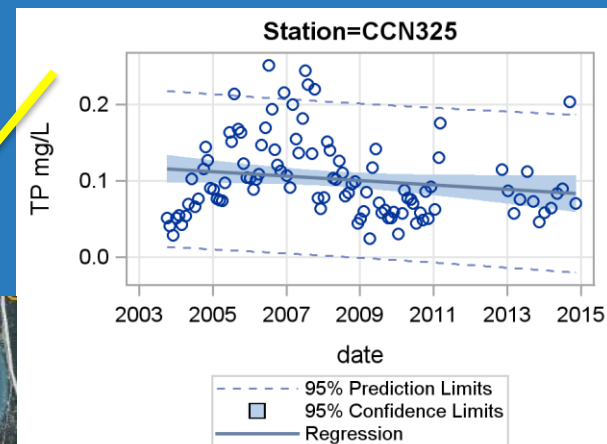
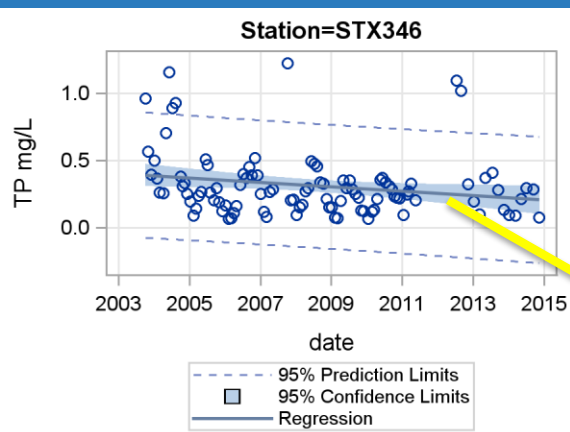
Black letter indicates no trend



TN and TP status in Orange lake and its tributaries (2010 – 2014)



TP trends in Orange Lake and its tributaries

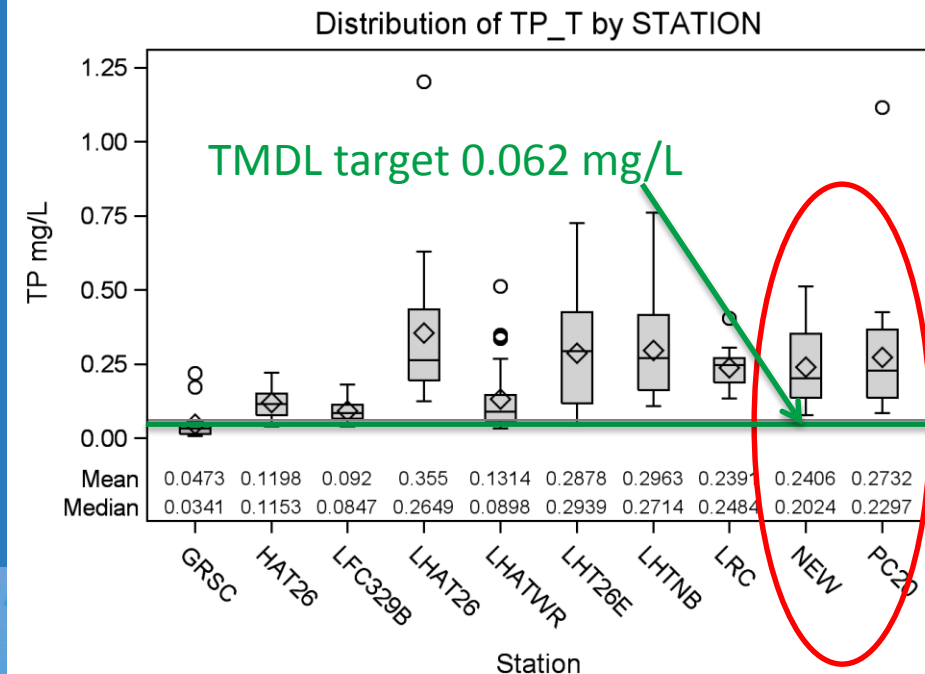
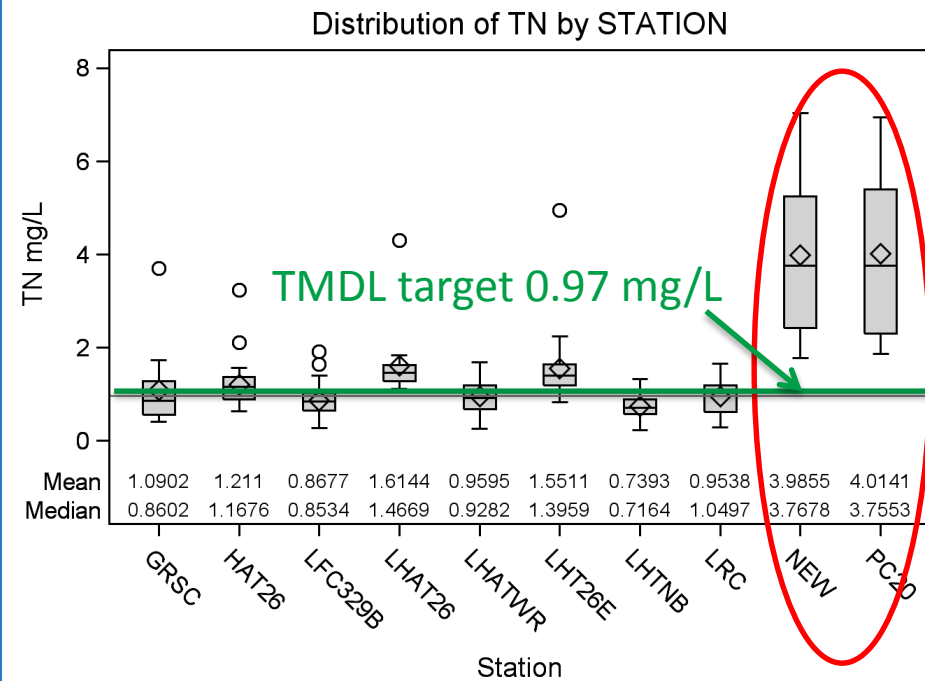


Green letter – indicates significant decreasing trend at 0.05 alpha level

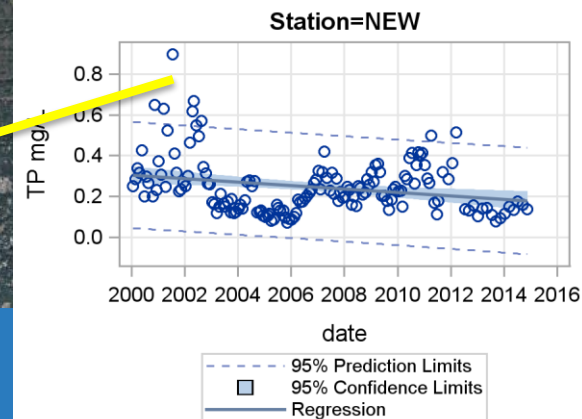
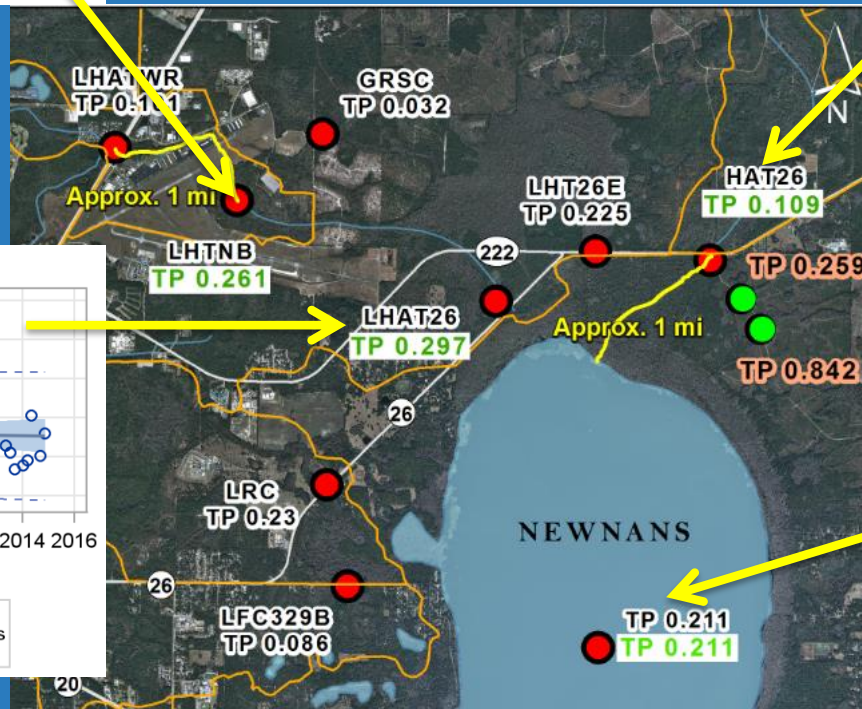
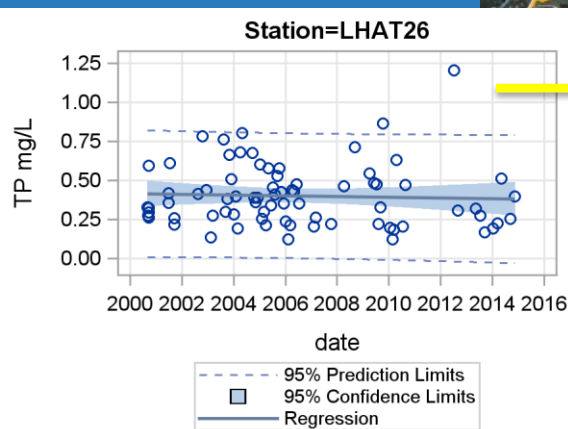
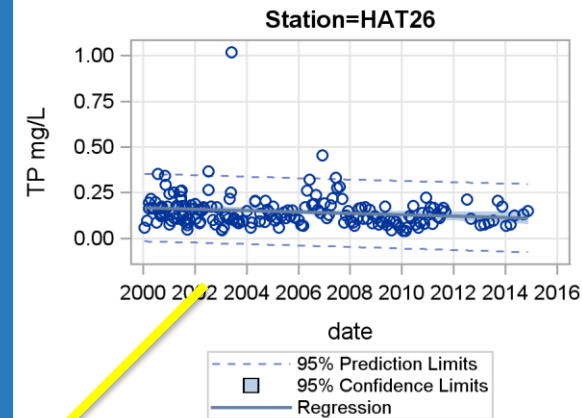
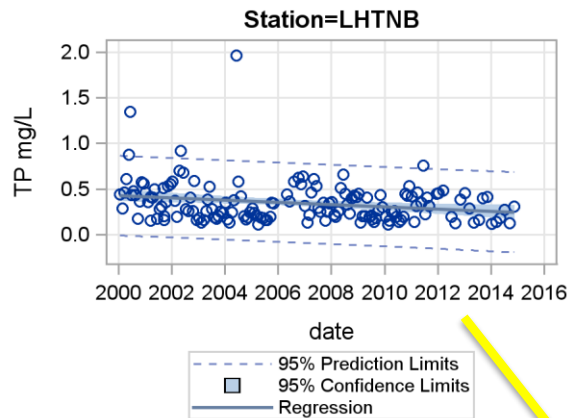
Black letter indicates no trend



TN and TP status in Newnans lake and its tributaries (2010 – 2014)



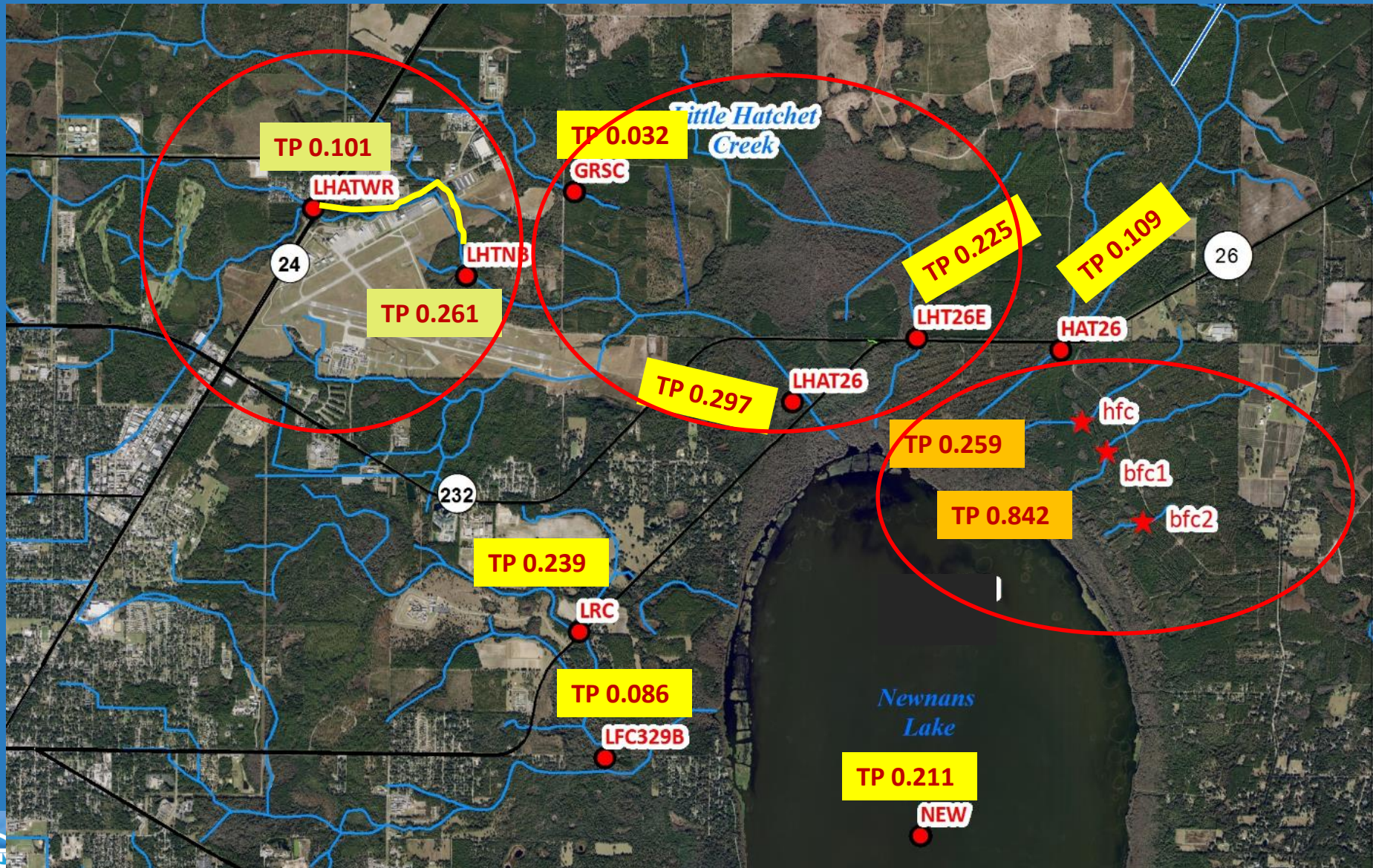
TP trends in Newnans Lake and its tributaries



Green letter – indicates significant decreasing trend at 0.05 alpha level

Black letter indicates no trend

Potential project areas for water quality improvement in Newnans Lake



Questions??