

27 Mile Floodway System



Future Sources

- Wetlands Recharge Facilities
- New Pipelines
- New Surface Water Reservoirs
- Maximize Current System



Constructed Wetlands

- Permit to Use Wetlands Flow as Surface Water Recharge Approved This Year
- Designed to Augment Safe Yield in East Texas Supply
- A Full Scale 250 acre Wetland was Constructed in 2002

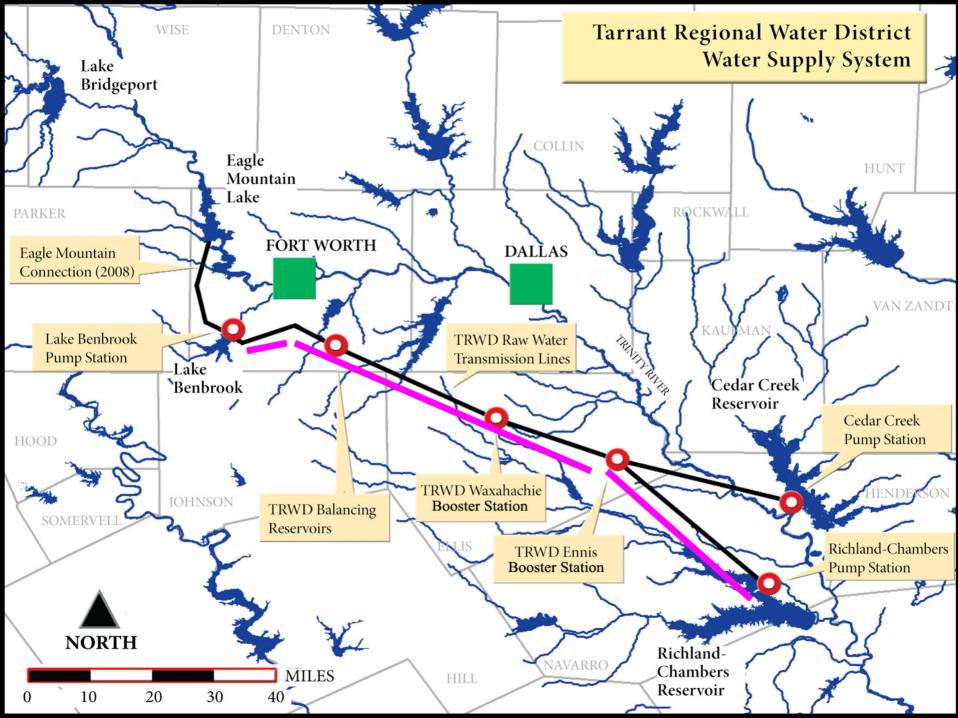






Full Development

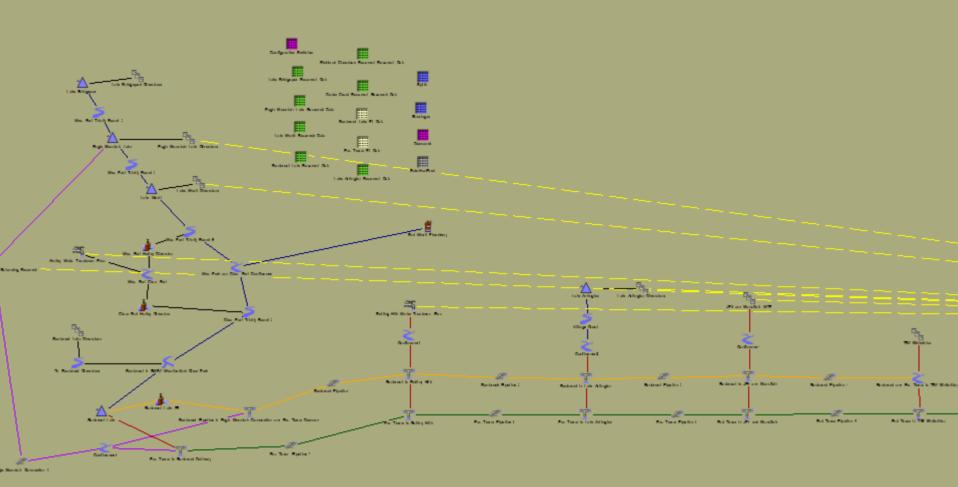
- About 2000 acres in all at Richland Chambers Lake
- 63,000 acre feet additional water
- Expected completion 2010
- Cedar Creek will have a parallel wetlands design
- Total of both will add 115,500 acre feet of supply to our system

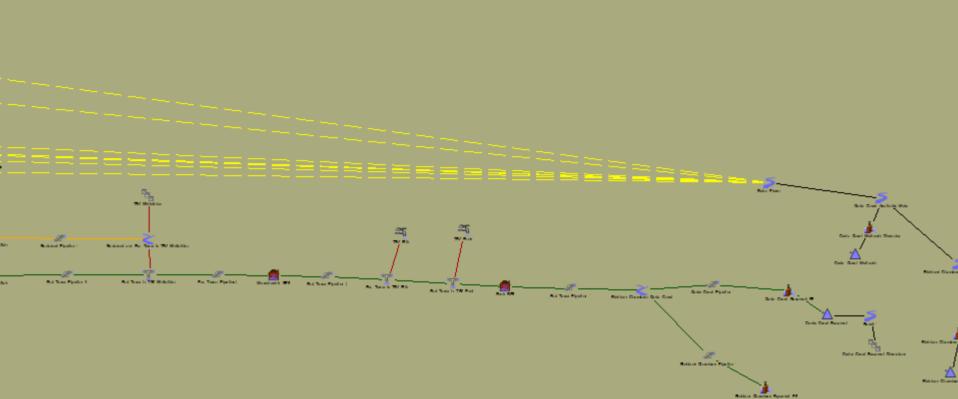


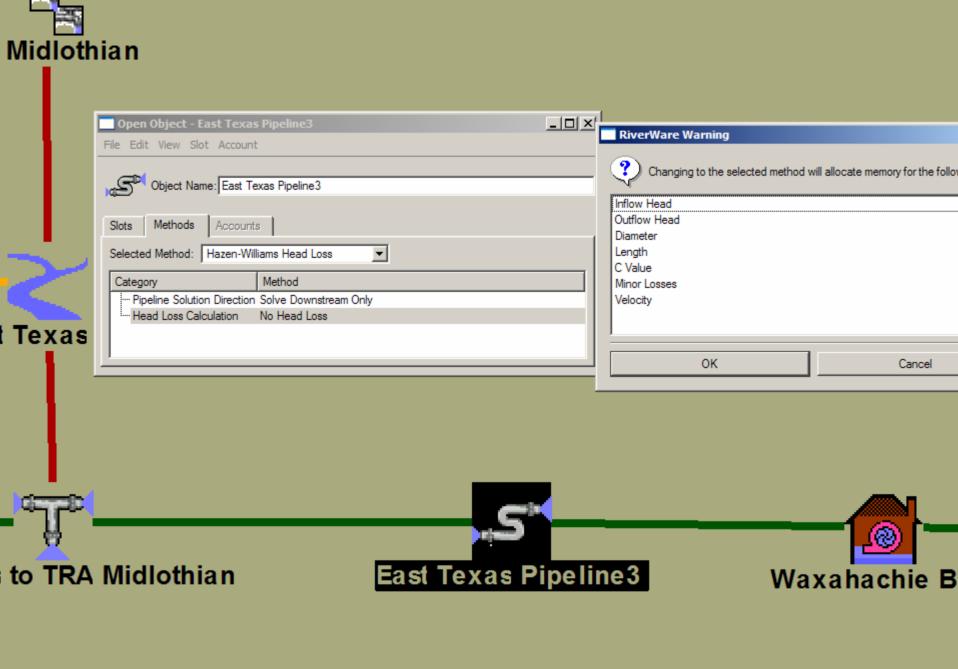
Operations Nightmare

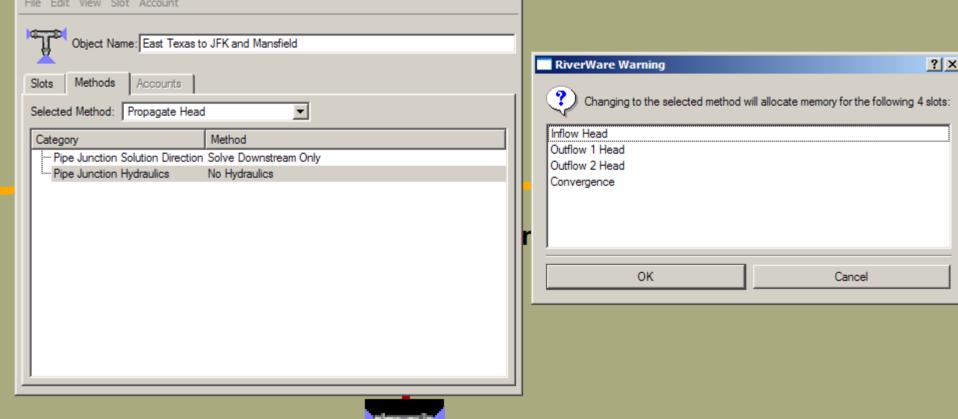
- Demand and Climate Driven
- Extremely Complex System
- Increasing Demand
- Increasing Risk
- Resource Optimization
- Best Management Practices







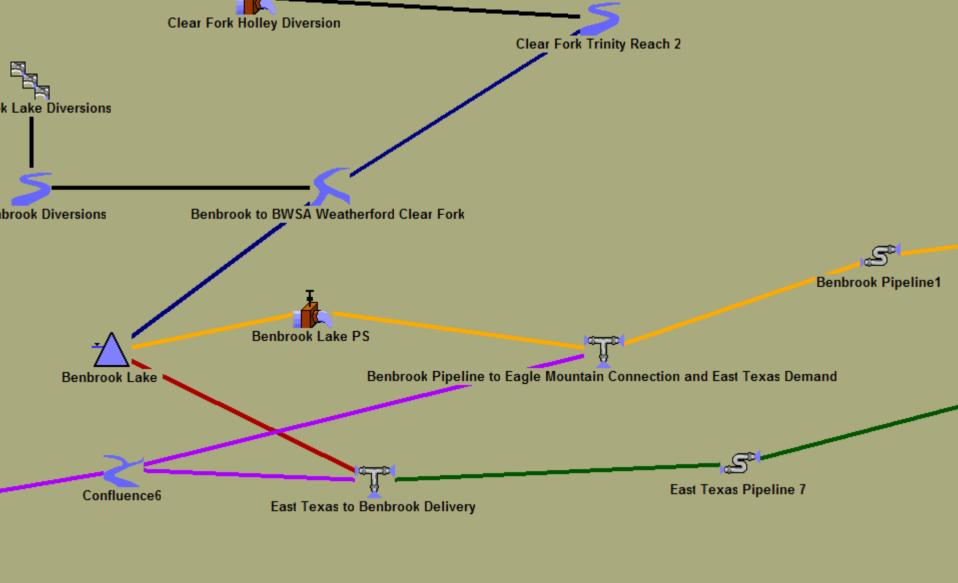


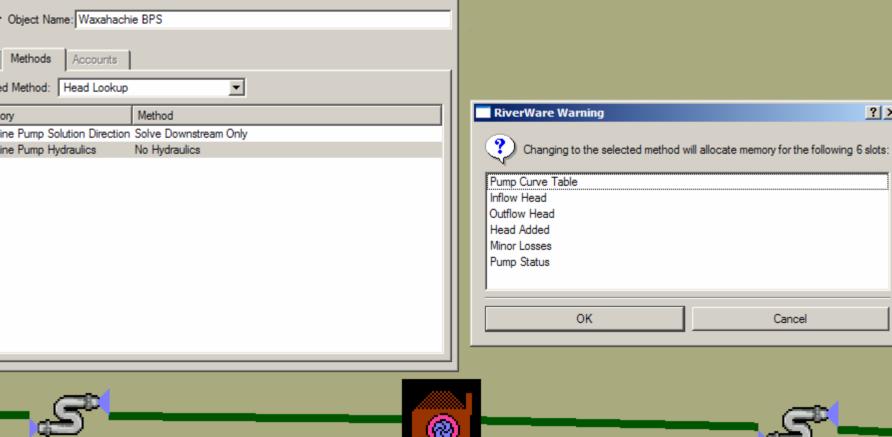


line 5

East Texas to JFK and Mansfield

East Tex





Texas Pipeline3

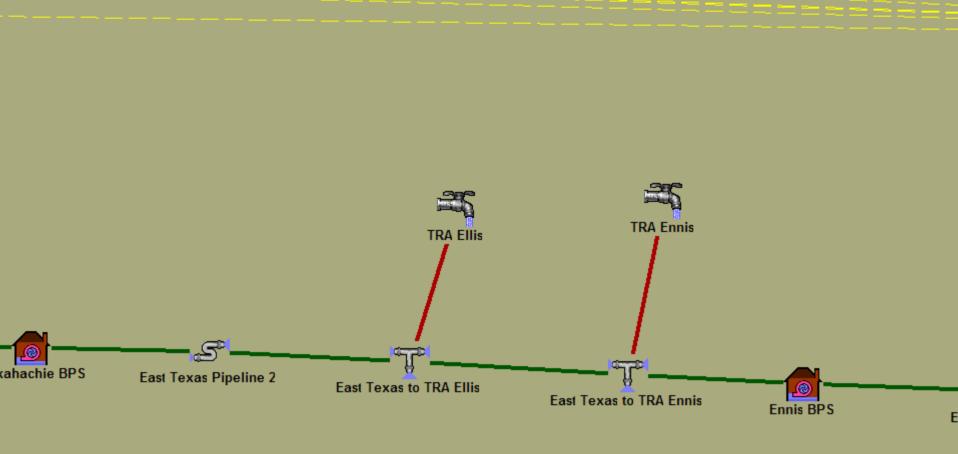


Waxahachie BPS



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East Texas Pipeline 2



Immediate Future

- Calibration and Validation of Model with Historic Records
- Inclusion of Wetlands
- Inclusion of Future Booster Stations



Questions?

Please do not hesitate to contact me!

Laura Blaylock

Office: 817-335-2491 ext 269

Cell: 817-269-7250

Iblaylock@trwd.com

