

Sam Rayburn Reservoir: TMDL Status



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Total Maximum Daily Load Program
Strategic Assessment Division
Texas Commission on Environmental Quality



2000 303(d) List

- Mercury in Fish Tissue – Fish Consumption
 - TDH Advisory
- Dissolved Oxygen - Depressed
 - 6 Areas – Angelina Arm, SH 103 Area, between SH 103 & SH 147, lower Attoyac Arm, upper Ayish Arm
- Aluminum – Aquatic Life (Acute)
 - SH 103 Area
- pH – high & low
 - SH 147 Area

2002 303(d) List

- Mercury in Fish Tissue – Fish Consumption
 - TDH Advisory
 - Statewide Mercury in Fish Tissue Project
 - Nationwide issue
 - Complex Issues Including Air Sources
 - Coal fired power plants, Maybe from Other States
 - EPA & Environmental Council of the States working on Strategy
 - May effect all Mercury TMDLs
 - Ms. Gail Rothe – 512-239-4617

2002 303(d) List

- Aluminum – in water
 - Upper Angelina Arm
 - Category 5b
 - TMDL – Confirm Impairment
 - TCEQ Water Quality Standards Team
 - Study a site specific standard for lake
 - Contact Jim Davenport – 512-239-4585

2002 303(d) List

- Dissolved Oxygen – depressed
 - 6 Areas
 - Upper Angelina Arm, lower Attoyac Arm, upper Ayish Arm, mid-upper Angelina Arm upstream and downstream of Papermill Creek
 - Category 5b
 - TMDL – Confirm Impairment
 - 24 hour Measurements required
 - TCEQ Water Quality Monitoring Team

2002 303(d) List

- pH – high & low
 - De-listed
 - 5 years of data no longer indicates a problem

2002 303(d) List

- Impaired Fish Community
 - Papermill Creek Confluence
 - Category 5a will change to 5c on 2004 list
 - Data Quality not sufficient for assessment
 - TMDL – Confirm Impairment
 - Additional data will be gathered
 - Bio-West study will contribute

TMDL Status

- TMDL Team will stay in place
 - Tetra Tech, ANRA, and others
 - 2004 and 2006 list
 - If TMDL issues are identified, project can start immediately
 - TMDL listing will establish priority for funding

[www.tnrcc.state.tx.us/water/
quality/tmdl/](http://www.tnrcc.state.tx.us/water/quality/tmdl/)



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