

North Central Texas



Water Quality Project

**Cedar Creek Reservoir
Water Quality**

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North Central Texas



Water Quality Project

Water Quality - 303 (d) Listing

Draft 2006 Data

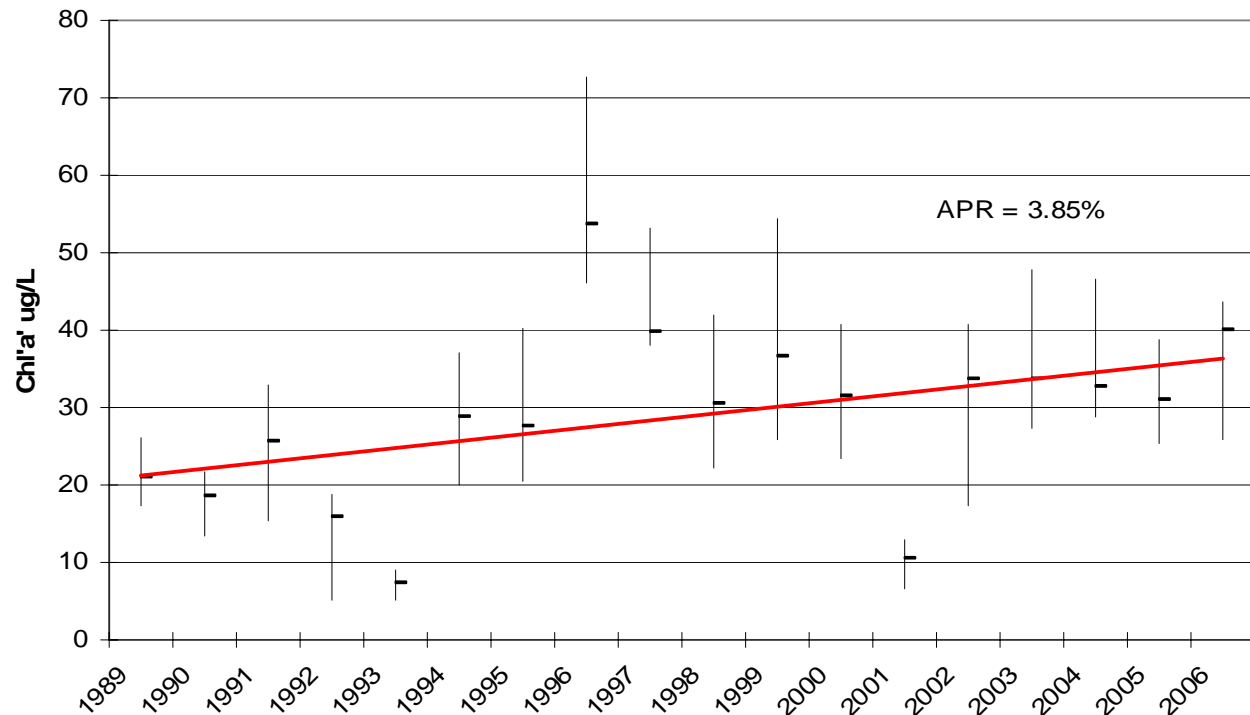
- High pH
 - Category 5c, on 303(d) list
 - Additional data and information will be collected before a TMDL is scheduled
- Use Concerns
 - Depressed Dissolved Oxygen
 - Aquatic Life Use Concern
 - Ammonia, Orthophosphorus, Total Phosphorus, Nitrite
 - Nutrient Enrichment Concern
 - Excessive Algal Growth, Chlorophyll a
 - Algal Growth Concern

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18-Year Trend (Chl'a') in Cedar Creek



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Draft Nutrient Criteria

May 16, 2007 n= 104

Rank based on Chl'a

Lake Name	Site ID	Segment No.	Chl criteria (mg/L)	TP criteria (mg/L)
1 Buffalo Springs Lake	11529		83.77	0.33
2 Lake Wichita	10163	219	42.5	0.182
3 Lake Murvaul	10444	509	33	0.073
4 White Rock Lake	11038	827	31.78	0.103
5 Lake Tanglewood	10192	229	30.38	1.468
6 Somerville Lake	11881	1212	30.1	0.061
7 Proctor Lake	11935	1222	29.58	0.063
8 O.C. Fisher Reservoir	12429	1425	27.2	0.089
9 Lake Mexia	14238	1210	26.38	0.221
10 Lake Livingston	10899	803	24.95	0.178
11 Cedar Creek Reservoir	10982	818	23.47 (90th)	0.068 (70th)
12 Wright Patman Lake	10213	302	21.4	0.103
13 Benbrook Lake	15151	830	21.19	0.062