Segment ID: 0403 **Water body name:** Lake O' the Pines

Reservoir Cypress Creek Basin Total size: 18,700 Acres

Aquatic Life Use

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
2002	Dissolved Oxygen grab average	Use Concern	Lower 5000 acres	5,000	27	4	
2002	Dissolved Oxygen grab average	No Concern	Middle 5000 acres	5,000	23	2	
2002	Dissolved Oxygen grab average	No Concern	Middle 5000 acres below Hwy 155	5,000	20	0	
2002	Dissolved Oxygen grab average	Use Concern	Upper 3700 acres	3,700	25	7	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 5000 acres	5,000	27	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Middle 5000 acres	5,000	23	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Middle 5000 acres below Hwy 155	5,000	20	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upper 3700 acres	3,700	25	1	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 5000 acres	5,000	2	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Middle 5000 acres	5,000	1		
2002	Dissolved Oxygen 24hr average	Not Assessed	Middle 5000 acres below Hwy 155	5,000	1	0	
2002	Dissolved Oxygen 24hr average	Use Concern-Limited Data	Upper 3700 acres	3,700	4	1	
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 5000 acres	5,000	2	0	
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Middle 5000 acres	5,000	1		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Middle 5000 acres below Hwy 155	5,000	1	0	
2002	Dissolved Oxygen 24hr minimum	Use Concern-Limited Data	Upper 3700 acres	3,700	4	2	
2002	Acute Metals in water	Fully Supporting	Lower 5000 acres	5,000	11	0	
2002	Acute Metals in water	No Concern-Limited Data	Middle 5000 acres	5,000	7	0	
2002	Acute Metals in water	No Concern-Limited Data	Middle 5000 acres below Hwy 155	5,000	8	0	
2002	Acute Metals in water	Fully Supporting	Upper 3700 acres	3,700	16	0	
2002	Chronic Metals in water	Fully Supporting	Lower 5000 acres	5,000	11		

Segment ID: 0403 **Water body name:** Lake O' the Pines

Reservoir Cypress Creek Basin Total size: 18,700 Acres

Aquatic Life Use (continued)

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
2002	Chronic Metals in water	No Concern-Limited Data	Middle 5000 acres	5,000	7		
2002	Chronic Metals in water	No Concern-Limited Data	Middle 5000 acres below Hwy 155	5,000	8		
2002	Chronic Metals in water	Fully Supporting	Upper 3700 acres	3,700	16		
2002	Chronic Toxicity tests in sediment	Not Assessed	Lower 5000 acres	5,000	2		
2002	Overall Aquatic Life Use	Fully Supporting	Lower 5000 acres	5,000			
2002	Overall Aquatic Life Use	Fully Supporting	Middle 5000 acres	5,000			
2002	Overall Aquatic Life Use	Fully Supporting	Middle 5000 acres below Hwy 155	5,000			
2002	Overall Aquatic Life Use	Fully Supporting	Upper 3700 acres	3,700			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	Lower 5000 acres	5,000	1	0	
2002	E. coli single sample	Not Assessed	Middle 5000 acres	5,000	1		
2002	E. coli single sample	Not Assessed	Middle 5000 acres below Hwy 155	5,000	1	0	
2002	E. coli single sample	Not Assessed	Upper 3700 acres	3,700	1	0	
2002	E. coli geometric mean	Not Assessed	Lower 5000 acres	5,000	1		1
2002	E. coli geometric mean	Not Assessed	Middle 5000 acres	5,000	1		
2002	E. coli geometric mean	Not Assessed	Middle 5000 acres below Hwy 155	5,000	1		
2002	E. coli geometric mean	Not Assessed	Upper 3700 acres	3,700	1		
2002	Fecal coliform single sample	Fully Supporting	Lower 5000 acres	5,000	14	0	
2002	Fecal coliform single sample	No Concern-Limited Data	Middle 5000 acres	5,000	9	0	
2002	Fecal coliform single sample	No Concern-Limited Data	Middle 5000 acres below Hwy 155	5,000	8	0	

Segment ID: 0403 **Water body name:** Lake O' the Pines

Reservoir Cypress Creek Basin Total size: 18,700 Acres

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)							
2002	Fecal coliform single sample	Fully Supporting	Upper 3700 acres	3,700	13	0	
2002	Fecal coliform geometric mean	Fully Supporting	Lower 5000 acres	5,000	14		1
2002	Fecal coliform geometric mean	No Concern-Limited Data	Middle 5000 acres	5,000	9		1
2002	Fecal coliform geometric mean	No Concern-Limited Data	Middle 5000 acres below Hwy 155	5,000	8		1
2002	Fecal coliform geometric mean	Fully Supporting	Upper 3700 acres	3,700	13		35
2002	Overall Recreation Use	Fully Supporting	Lower 5000 acres	5,000			
2002	Overall Recreation Use	Not Assessed	Middle 5000 acres	5,000			
2002	Overall Recreation Use	Not Assessed	Middle 5000 acres below Hwy 155	5,000			
2002	Overall Recreation Use	Fully Supporting	Upper 3700 acres	3,700			
General Use							
2002	Water Temperature	Fully Supporting	Lower 5000 acres	5,000	27	0	
2002	Water Temperature	Fully Supporting	Middle 5000 acres	5,000	23	0	
2002	Water Temperature	Fully Supporting	Middle 5000 acres below Hwy 155	5,000	20	0	
2002	Water Temperature	Fully Supporting	Upper 3700 acres	3,700	25	0	
2002	pH	Fully Supporting	Lower 5000 acres	5,000	27	1	
2002	pH	Fully Supporting	Middle 5000 acres	5,000	23	1	
2002	pH	Fully Supporting	Middle 5000 acres below Hwy 155	5,000	20	0	
2002	pH	Fully Supporting	Upper 3700 acres	3,700	25	1	
2002	Chloride	Fully Supporting	Lower 5000 acres	5,000	57		17.8
2002	Chloride	Fully Supporting	Middle 5000 acres	5,000	57		17.8
2002	Chloride	Fully Supporting	Middle 5000 acres below Hwy 155	5,000	57		17.8
2002	Chloride	Fully Supporting	Upper 3700 acres	3,700	57		17.8

Segment ID: 0403 **Water body name:** Lake O' the Pines

Reservoir Cypress Creek Basin Total size: 18,700 Acres

General Use (continued)

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
2002	Sulfate	Fully Supporting	Lower 5000 acres	5,000	57		35.7
2002	Sulfate	Fully Supporting	Middle 5000 acres	5,000	57		35.7
2002	Sulfate	Fully Supporting	Middle 5000 acres below Hwy 155	5,000	57		35.7
2002	Sulfate	Fully Supporting	Upper 3700 acres	3,700	57		35.7
2002	Total Dissolved Solids	Fully Supporting	Lower 5000 acres	5,000	133		109.5
2002	Total Dissolved Solids	Fully Supporting	Middle 5000 acres	5,000	133		109.5
2002	Total Dissolved Solids	Fully Supporting	Middle 5000 acres below Hwy 155	5,000	133		109.5
2002	Total Dissolved Solids	Fully Supporting	Upper 3700 acres	3,700	133		109.5
2002	Overall General Use	Fully Supporting	Lower 5000 acres	5,000			
2002	Overall General Use	Fully Supporting	Middle 5000 acres	5,000			
2002	Overall General Use	Fully Supporting	Middle 5000 acres below Hwy 155	5,000			
2002	Overall General Use	Fully Supporting	Upper 3700 acres	3,700			

Fish Consumption Use

2002	Human Health Criteria	Fully Supporting	Lower 5000 acres	5,000	12		
2002	Human Health Criteria	No Concern-Limited Data	Middle 5000 acres	5,000	6		
2002	Human Health Criteria	No Concern-Limited Data	Middle 5000 acres below Hwy 155	5,000	8		
2002	Human Health Criteria	Fully Supporting	Upper 3700 acres	3,700	12		
2002	Overall Fish Consumption Use	Fully Supporting	Lower 5000 acres	5,000			
2002	Overall Fish Consumption Use	Not Assessed	Middle 5000 acres	5,000			
2002	Overall Fish Consumption Use	Not Assessed	Middle 5000 acres below Hwy 155	5,000			
2002	Overall Fish Consumption Use	Fully Supporting	Upper 3700 acres	3,700			

Segment ID: 0403 **Water body name:** Lake O' the Pines

Reservoir Cypress Creek Basin Total size: 18,700 Acres

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Use							
2002	Surface Water: Long-term average	Fully Supporting	Lower 5000 acres	5,000	12		
2002	Surface Water: Long-term average	No Concern-Limited Data	Middle 5000 acres	5,000	7		
2002	Surface Water: Long-term average	No Concern-Limited Data	Middle 5000 acres below Hwy 155	5,000	8		
2002	Surface Water: Long-term average	Fully Supporting	Upper 3700 acres	3,700	12		
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 5000 acres	5,000	25		0.099
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Middle 5000 acres	5,000	22		0.1
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Middle 5000 acres below Hwy 155	5,000	12		0.543
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Upper 3700 acres	3,700	18		1.473
2002	Surface Water: Running average	Fully Supporting	Lower 5000 acres	5,000	12	0	
2002	Surface Water: Running average	No Concern-Limited Data	Middle 5000 acres	5,000	7	0	
2002	Surface Water: Running average	No Concern-Limited Data	Middle 5000 acres below Hwy 155	5,000	8	0	
2002	Surface Water: Running average	Fully Supporting	Upper 3700 acres	3,700	12	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 5000 acres	5,000	25	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Middle 5000 acres	5,000	22	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Middle 5000 acres below Hwy 155	5,000	12	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Upper 3700 acres	3,700	18	0	

Segment ID: 0403 **Water body name:** Lake O' the Pines

Reservoir Cypress Creek Basin Total size: 18,700 Acres

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Use (continued)							
2002	Overall Public Water Supply Use	Fully Supporting	Lower 5000 acres	5,000			
2002	Overall Public Water Supply Use	Fully Supporting	Middle 5000 acres	5,000			
2002	Overall Public Water Supply Use	Fully Supporting	Middle 5000 acres below Hwy 155	5,000			
2002	Overall Public Water Supply Use	Fully Supporting	Upper 3700 acres	3,700			
Overall Use Support							
2002		Fully Supporting	Lower 5000 acres	5,000			
2002		Fully Supporting	Middle 5000 acres	5,000			
2002		Fully Supporting	Middle 5000 acres below Hwy 155	5,000			
2002		Fully Supporting	Upper 3700 acres	3,700			
Nutrient Enrichment Concern							
2002	Ammonia Nitrogen	No Concern	Lower 5000 acres	5,000	26	6	
2002	Ammonia Nitrogen	No Concern	Middle 5000 acres	5,000	23	5	
2002	Ammonia Nitrogen	No Concern	Middle 5000 acres below Hwy 155	5,000	12	0	
2002	Ammonia Nitrogen	No Concern	Upper 3700 acres	3,700	18	2	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 5000 acres	5,000	25	2	
2002	Nitrite + Nitrate Nitrogen	No Concern	Middle 5000 acres	5,000	23	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Middle 5000 acres below Hwy 155	5,000	12	3	
2002	Nitrite + Nitrate Nitrogen	Concern	Upper 3700 acres	3,700	18	10	
2002	Orthophosphorus	No Concern	Lower 5000 acres	5,000	25	0	
2002	Orthophosphorus	No Concern	Middle 5000 acres	5,000	22	0	
2002	Orthophosphorus	No Concern	Middle 5000 acres below Hwy 155	5,000	12	1	
2002	Orthophosphorus	No Concern	Upper 3700 acres	3,700	18	4	
2002	Total Phosphorus	No Concern	Lower 5000 acres	5,000	26	2	

Segment ID: 0403 **Water body name:** Lake O' the Pines

Reservoir Cypress Creek Basin Total size: 18,700 Acres

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern (continued)							
2002	Total Phosphorus	No Concern	Middle 5000 acres	5,000	22	2	
2002	Total Phosphorus	No Concern	Middle 5000 acres below Hwy 155	5,000	12	0	
2002	Total Phosphorus	Concern	Upper 3700 acres	3,700	18	6	
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 5000 acres	5,000			
2002	Overall Nutrient Enrichment Concerns	No Concern	Middle 5000 acres	5,000			
2002	Overall Nutrient Enrichment Concerns	No Concern	Middle 5000 acres below Hwy 155	5,000			
2002	Overall Nutrient Enrichment Concerns	Concern	Upper 3700 acres	3,700			
Algal Growth Concern							
2002	Chlorophyll a	No Concern	Lower 5000 acres	5,000	26	0	
2002	Chlorophyll a	No Concern	Middle 5000 acres	5,000	22	1	
2002	Chlorophyll a	No Concern	Middle 5000 acres below Hwy 155	5,000	12	0	
2002	Chlorophyll a	No Concern	Upper 3700 acres	3,700	18	1	
Sediment Contaminants Concern							
2002	PEL Metals in sediment Zinc	Not Assessed	Upper 3700 acres	3,700	4	1	
2002	Metals in sediment	Not Assessed	Lower 5000 acres	5,000	3		
2002	Metals in sediment	Not Assessed	Middle 5000 acres	5,000	2		
2002	Metals in sediment	Not Assessed	Middle 5000 acres below Hwy 155	5,000	4		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 5000 acres	5,000			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Middle 5000 acres	5,000			

Segment ID: 0403 **Water body name:** Lake O' the Pines

Reservoir Cypress Creek Basin Total size: 18,700 Acres

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Sediment Contaminants Concern (continued)							
2002	Overall Sediment Contaminant Concerns	Not Assessed	Middle 5000 acres below Hwy 155	5,000			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 3700 acres	3,700			
Fish Tissue Contaminants Concern							
2002	Metals in fish tissue	Not Assessed	Middle 5000 acres below Hwy 155	5,000	9		
2002	Metals in fish tissue	Not Assessed	Upper 3700 acres	3,700	6	0	
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 5000 acres	5,000			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 5000 acres	5,000			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 5000 acres below Hwy 155	5,000			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 3700 acres	3,700			
Public Water Supply Concern							
2002	Finished Water: Chloride	No Concern	Lower 5000 acres	5,000			
2002	Finished Water: Chloride	No Concern	Middle 5000 acres	5,000			
2002	Finished Water: Chloride	No Concern	Middle 5000 acres below Hwy 155	5,000			
2002	Finished Water: Chloride	No Concern	Upper 3700 acres	3,700			
2002	Finished Water: Sulfate	No Concern	Lower 5000 acres	5,000			
2002	Finished Water: Sulfate	No Concern	Middle 5000 acres	5,000			
2002	Finished Water: Sulfate	No Concern	Middle 5000 acres below Hwy 155	5,000			
2002	Finished Water: Sulfate	No Concern	Upper 3700 acres	3,700			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower 5000 acres	5,000			

Segment ID: 0403 **Water body name:** Lake O' the Pines

Reservoir Cypress Creek Basin Total size: 18,700 Acres

Public Water Supply Concern (continued)

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
2002	Finished Water: Total Dissolved Solids	No Concern	Middle 5000 acres	5,000			
2002	Finished Water: Total Dissolved Solids	No Concern	Middle 5000 acres below Hwy 155	5,000			
2002	Finished Water: Total Dissolved Solids	No Concern	Upper 3700 acres	3,700			
2002	Finished Water: MTBE	No Concern	Lower 5000 acres	5,000			
2002	Finished Water: MTBE	No Concern	Middle 5000 acres	5,000			
2002	Finished Water: MTBE	No Concern	Middle 5000 acres below Hwy 155	5,000			
2002	Finished Water: MTBE	No Concern	Upper 3700 acres	3,700			
2002	Finished Water: Perchlorate	Not Assessed	Lower 5000 acres	5,000			
2002	Finished Water: Perchlorate	Not Assessed	Middle 5000 acres	5,000			
2002	Finished Water: Perchlorate	Not Assessed	Middle 5000 acres below Hwy 155	5,000			
2002	Finished Water: Perchlorate	Not Assessed	Upper 3700 acres	3,700			
2002	Finished Water: Overall	No Concern	Lower 5000 acres	5,000			
2002	Finished Water: Overall	No Concern	Middle 5000 acres	5,000			
2002	Finished Water: Overall	No Concern	Middle 5000 acres below Hwy 155	5,000			
2002	Finished Water: Overall	No Concern	Upper 3700 acres	3,700			
2002	Surface Water: Chloride	No Concern	Lower 5000 acres	5,000	57		17.8
2002	Surface Water: Chloride	No Concern	Middle 5000 acres	5,000	60		17.8
2002	Surface Water: Chloride	No Concern	Middle 5000 acres below Hwy 155	5,000	57		17.9
2002	Surface Water: Chloride	No Concern	Upper 3700 acres	3,700	57		17.8
2002	Surface Water: Sulfate	No Concern	Lower 5000 acres	5,000	57		35.7
2002	Surface Water: Sulfate	No Concern	Middle 5000 acres	5,000	60		35.7
2002	Surface Water: Sulfate	No Concern	Middle 5000 acres below Hwy 155	5,000	57		35.7

Segment ID: 0403 **Water body name:** Lake O' the Pines

Reservoir Cypress Creek Basin Total size: 18,700 Acres

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)							
2002	Surface Water: Sulfate	No Concern	Upper 3700 acres	3,700	57		35.7
2002	Surface Water: Total Dissolved Solids	No Concern	Lower 5000 acres	5,000	133		109.5
2002	Surface Water: Total Dissolved Solids	No Concern	Middle 5000 acres	5,000	12		109.5
2002	Surface Water: Total Dissolved Solids	No Concern	Middle 5000 acres below Hwy 155	5,000	133		109.5
2002	Surface Water: Total Dissolved Solids	No Concern	Upper 3700 acres	3,700	133		109.5
2002	Surface Water: Overall	No Concern	Lower 5000 acres	5,000			
2002	Surface Water: Overall	No Concern	Middle 5000 acres	5,000			
2002	Surface Water: Overall	No Concern	Middle 5000 acres below Hwy 155	5,000			
2002	Surface Water: Overall	No Concern	Upper 3700 acres	3,700			
2002	Overall Public Water Supply Concerns	No Concern	Lower 5000 acres	5,000			
2002	Overall Public Water Supply Concerns	No Concern	Middle 5000 acres	5,000			
2002	Overall Public Water Supply Concerns	No Concern	Middle 5000 acres below Hwy 155	5,000			
2002	Overall Public Water Supply Concerns	No Concern	Upper 3700 acres	3,700			
Narrative Criteria Concern							
2002	Overall Narrative Criteria Concerns	No Concern	Lower 5000 acres	5,000			
2002	Overall Narrative Criteria Concerns	No Concern	Middle 5000 acres	5,000			
2002	Overall Narrative Criteria Concerns	No Concern	Middle 5000 acres below Hwy 155	5,000			

Segment ID: 0403 **Water body name:** Lake O' the Pines

Reservoir Cypress Creek Basin Total size: 18,700 Acres

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean

Narrative Criteria Concern (continued)

2002	Overall Narrative Criteria Concerns	No Concern	Upper 3700 acres	3,700			

Overall Secondary Concern

2002		No Concern	Lower 5000 acres	5,000			
2002		No Concern	Middle 5000 acres	5,000			
2002		No Concern	Middle 5000 acres below Hwy 155	5,000			
2002		Concern	Upper 3700 acres	3,700			