

Segment ID: 0209

Water body name: Pat Mayse Lake

Reservoir

Red River Basin

Total size:

5,993 Acres

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

**Aquatic Life Use**

2002	Dissolved Oxygen grab average	Not Assessed	Lower half of lake	2,997	9	0	
2002	Dissolved Oxygen grab average	Not Assessed	Upper half of lake	2,996	6	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Lower half of lake	2,997	9	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Upper half of lake	2,996	6	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower half of lake	2,997	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper half of lake	2,996	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower half of lake	2,997	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper half of lake	2,996	0		
2002	Acute Metals in water	No Concern-Limited Data	Lower half of lake	2,997	4	0	
2002	Acute Metals in water	Not Assessed	Upper half of lake	2,996	1	0	
2002	Chronic Metals in water	No Concern-Limited Data	Lower half of lake	2,997	4		
2002	Chronic Metals in water	Not Assessed	Upper half of lake	2,996	1		
2002	Overall Aquatic Life Use	Not Assessed	Lower half of lake	2,997			
2002	Overall Aquatic Life Use	Not Assessed	Upper half of lake	2,996			

**Contact Recreation Use**

2002	E. coli single sample	Not Assessed	Lower half of lake	2,997	1		
2002	E. coli single sample	Not Assessed	Upper half of lake	2,996	1	1	
2002	E. coli geometric mean	Not Assessed	Lower half of lake	2,997	1		6
2002	E. coli geometric mean	Not Assessed	Upper half of lake	2,996	1		8



Segment ID: 0209

Water body name: Pat Mayse Lake

Reservoir	Red River Basin	Total size:	5,993 Acres
-----------	-----------------	-------------	-------------

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

**Fish Consumption Use**

2002	Human Health Criteria	No Concern-Limited Data	Lower half of lake	2,997	4		
2002	Human Health Criteria	Not Assessed	Upper half of lake	2,996	1		
2002	Overall Fish Consumption Use	Not Assessed	Lower half of lake	2,997			
2002	Overall Fish Consumption Use	Not Assessed	Upper half of lake	2,996			

**Public Water Supply Use**

2002	Overall Public Water Supply Use	Fully Supporting	Lower half of lake	2,997			
2002	Overall Public Water Supply Use	Fully Supporting	Upper half of lake	2,996			

**Overall Use Support**

2004		Fully Supporting	Lower half of lake	2,997			
2004		Fully Supporting	Upper half of lake	2,996			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	Lower half of lake	2,997	10	2	
2002	Ammonia Nitrogen	Not Assessed	Upper half of lake	2,996	6	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Lower half of lake	2,997	9	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Upper half of lake	2,996	5	0	
2002	Orthophosphorus	Not Assessed	Lower half of lake	2,997	9	0	
2002	Orthophosphorus	Not Assessed	Upper half of lake	2,996	5	0	
2002	Total Phosphorus	No Concern	Lower half of lake	2,997	10	0	
2002	Total Phosphorus	Not Assessed	Upper half of lake	2,996	6	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower half of lake	2,997			

Segment ID: 0209

Water body name: Pat Mayse Lake

Reservoir

Red River Basin

Total size:

5,993 Acres

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

**Nutrient Enrichment Concern** (continued)

2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper half of lake	2,996			
------	--------------------------------------	--------------	--------------------	-------	--	--	--

**Algal Growth Concern**

2002	Chlorophyll a	No Concern	Lower half of lake	2,997	10	0	
2002	Chlorophyll a	Not Assessed	Upper half of lake	2,996	6	0	

**Sediment Contaminants Concern**

2002	Metals in sediment	Not Assessed	Lower half of lake	2,997	4		
2002	Metals in sediment	Not Assessed	Upper half of lake	2,996	1		
2002	Organics in sediment	Not Assessed	Lower half of lake	2,997	1		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower half of lake	2,997			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper half of lake	2,996			

**Fish Tissue Contaminants Concern**

2002	Metals in fish tissue	No Concern	Lower half of lake	2,997	17	0	
2002	Overall Fish Tissue Contaminant Concerns	No Concern	Lower half of lake	2,997			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper half of lake	2,996			

**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	Lower half of lake	2,997			
2002	Finished Water: Chloride	No Concern	Upper half of lake	2,996			
2002	Finished Water: Sulfate	No Concern	Lower half of lake	2,997			

Segment ID: 0209

Water body name: Pat Mayse Lake

Reservoir Red River Basin Total size: 5,993 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	Finished Water: Sulfate	No Concern	Upper half of lake	2,996			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower half of lake	2,997			
2002	Finished Water: Total Dissolved Solids	No Concern	Upper half of lake	2,996			
2002	Finished Water: MTBE	No Concern	Lower half of lake	2,997			
2002	Finished Water: MTBE	No Concern	Upper half of lake	2,996			
2002	Finished Water: Perchlorate	Not Assessed	Lower half of lake	2,997			
2002	Finished Water: Perchlorate	Not Assessed	Upper half of lake	2,996			
2002	Finished Water: Overall	No Concern	Lower half of lake	2,997			
2002	Finished Water: Overall	No Concern	Upper half of lake	2,996			
2002	Surface Water: Chloride	No Concern	Lower half of lake	2,997	16		6
2002	Surface Water: Chloride	No Concern	Upper half of lake	2,996	16		6
2002	Surface Water: Sulfate	No Concern	Lower half of lake	2,997	16		16
2002	Surface Water: Sulfate	No Concern	Upper half of lake	2,996	16		16
2002	Surface Water: Total Dissolved Solids	No Concern	Lower half of lake	2,997	17		107.2
2002	Surface Water: Total Dissolved Solids	No Concern	Upper half of lake	2,996	17		107.2
2002	Surface Water: Overall	No Concern	Lower half of lake	2,997			
2002	Surface Water: Overall	No Concern	Upper half of lake	2,996			
2002	Overall Public Water Supply Concerns	No Concern	Lower half of lake	2,997			

Segment ID: 0209

Water body name: Pat Mayse Lake

Reservoir Red River Basin Total size: 5,993 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	Overall Public Water Supply Concerns	No Concern	Upper half of lake	2,996			
------	--------------------------------------	------------	--------------------	-------	--	--	--

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Lower half of lake	2,997			
2002	Overall Narrative Criteria Concerns	No Concern	Upper half of lake	2,996			

**Overall Secondary Concern**

2002		No Concern	Lower half of lake	2,997			
2002		No Concern	Upper half of lake	2,996			