Reserv	oir	Brazos Riv	ver Basin Total size:	۷	1,408	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
<b>Aquatic Life U</b>	<b>Use</b>						
2002	Dissolved Oxygen grab average	No Concern	Eastern end of lake near the dam	2,268	34	0	
2002	Dissolved Oxygen grab average	No Concern	Western end of lake on the San Gabriel River	873	35	1	
2002	Dissolved Oxygen grab average	No Concern	Willis Creek arm of lake	1,267	35	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Eastern end of lake near the dam	2,268	34	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Western end of lake on the San Gabriel River	873	35	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Willis Creek arm of lake	1,267	35	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Eastern end of lake near the dam	2,268	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Western end of lake on the San Gabriel River	873	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Willis Creek arm of lake	1,267	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Eastern end of lake near the dam	2,268	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Western end of lake on the San Gabriel River	873	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Willis Creek arm of lake	1,267	0		
2002	Acute Metals in water	Not Assessed	Eastern end of lake near the dam	2,268	1	0	
2002	Acute Metals in water	Not Assessed	Western end of lake on the San Gabriel River	873	1	0	
2002	Chronic Metals in water	Not Assessed	Eastern end of lake near the dam	2,268	1		
2002	Chronic Metals in water	Not Assessed	Western end of lake on the San Gabriel River	873	1		
2002	Chronic Toxicity tests in water	Not Assessed	Western end of lake on the San Gabriel River	873	2	0	
2002	Chronic Toxicity tests in water	Not Assessed	Willis Creek arm of lake	1,267	1	0	
2002	Chronic Toxicity tests in sediment	Not Assessed	Western end of lake on the San Gabriel River	873	2	0	
2002	Chronic Toxicity tests in sediment	Not Assessed	Willis Creek arm of lake	1,267	1	0	
2002	Overall Aquatic Life Use	Fully Supporting	Eastern end of lake near the dam	2,268			

Reserv	oir oir	Brazos River Basin Total size:		4,408 Acres			
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
<b>Aquatic Life U</b>	Use (continued)						
2002	Overall Aquatic Life Use	Fully Supporting	Western end of lake on the San Gabriel River	873			
2002	Overall Aquatic Life Use	Fully Supporting	Willis Creek arm of lake	1,267			
Contact Recre	eation Use			-			
2002	E. coli single sample	Not Assessed	Eastern end of lake near the dam	2,268	0		
2002	E. coli single sample	Not Assessed	Western end of lake on the San Gabriel River	873	0		
2002	E. coli single sample	Not Assessed	Willis Creek arm of lake	1,267	0		
2002	E. coli geometric mean	Not Assessed	Eastern end of lake near the dam	2,268	0		
2002	E. coli geometric mean	Not Assessed	Western end of lake on the San Gabriel River	873	0		
2002	E. coli geometric mean	Not Assessed	Willis Creek arm of lake	1,267	0		
2002	Fecal coliform single sample	Fully Supporting	Eastern end of lake near the dam	2,268	32	0	
2002	Fecal coliform single sample	Fully Supporting	Western end of lake on the San Gabriel River	873	33	1	
2002	Fecal coliform single sample	Fully Supporting	Willis Creek arm of lake	1,267	30	0	
2002	Fecal coliform geometric mean	Fully Supporting	Eastern end of lake near the dam	2,268	32		4
2002	Fecal coliform geometric mean	Fully Supporting	Western end of lake on the San Gabriel River	873	33		6.14
2002	Fecal coliform geometric mean	Fully Supporting	Willis Creek arm of lake	1,267	30		5.1
2002	Overall Recreation Use	Fully Supporting	Eastern end of lake near the dam	2,268			
2002	Overall Recreation Use	Fully Supporting	Western end of lake on the San Gabriel River	873			
2002	Overall Recreation Use	Fully Supporting	Willis Creek arm of lake	1,267			
General Use							
2002	Water Temperature	Fully Supporting	Eastern end of lake near the dam	2,268	37	0	
2002	Water Temperature	Fully Supporting	Western end of lake on the San Gabriel River	873	34	0	
2002	Water Temperature	Fully Supporting	Willis Creek arm of lake	1,267	35	0	

Reserv	oir	Brazos Riv	ver Basin Total size:		1,408	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use	(continued)						
2002	рН	Fully Supporting	Eastern end of lake near the dam	2,268	36	0	
2002	pН	Fully Supporting	Western end of lake on the San Gabriel River	873	33	0	
2002	рН	Fully Supporting	Willis Creek arm of lake	1,267	35	0	
2002	Chloride	Fully Supporting	Eastern end of lake near the dam	2,268	104		18.75
2002	Chloride	Fully Supporting	Western end of lake on the San Gabriel River	873	104		18.75
2002	Chloride	Fully Supporting	Willis Creek arm of lake	1,267	104		18.75
2002	Sulfate	Fully Supporting	Eastern end of lake near the dam	2,268	102		22.6
2002	Sulfate	Fully Supporting	Western end of lake on the San Gabriel River	873	102		22.6
2002	Sulfate	Fully Supporting	Willis Creek arm of lake	1,267	102		22.6
2002	Total Dissolved Solids	Fully Supporting	Eastern end of lake near the dam	2,268	113		242.4
2002	Total Dissolved Solids	Fully Supporting	Western end of lake on the San Gabriel River	873	113		242.4
2002	Total Dissolved Solids	Fully Supporting	Willis Creek arm of lake	1,267	113		242.4
2002	Overall General Use	Fully Supporting	Eastern end of lake near the dam	2,268			
2002	Overall General Use	Fully Supporting	Western end of lake on the San Gabriel River	873			
2002	Overall General Use	Fully Supporting	Willis Creek arm of lake	1,267			
Fish Consump	tion Use						
2002	Human Health Criteria Metals	Not Assessed	Eastern end of lake near the dam	2,268	1		
2002	Overall Fish Consumption Use	Not Assessed	Eastern end of lake near the dam	2,268			
2002	Overall Fish Consumption Use	Not Assessed	Western end of lake on the San Gabriel River	873			
2002	Overall Fish Consumption Use	Not Assessed	Willis Creek arm of lake	1,267			
Public Water S	Supply Use		,	•			1
2002	Finished Water: Running Avg	Fully Supporting	Eastern end of lake near the dam	2,268			

Reserv	oir	Brazos Riv	ver Basin Total size:	2	1,408	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water S	Supply Use (continued)						
2002	Finished Water: Running Avg	Fully Supporting	Western end of lake on the San Gabriel River	873			
2002	Finished Water: Running Avg	Fully Supporting	Willis Creek arm of lake	1,267			
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Eastern end of lake near the dam	2,268	41		0.82
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Western end of lake on the San Gabriel River	873	32		0.91
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Willis Creek arm of lake	1,267	33		0.84
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Eastern end of lake near the dam	2,268	41	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Western end of lake on the San Gabriel River	873	32	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Willis Creek arm of lake	1,267	33	0	
2002	Overall Public Water Supply Use	Fully Supporting	Eastern end of lake near the dam	2,268			
2002	Overall Public Water Supply Use	Fully Supporting	Western end of lake on the San Gabriel River	873			
2002	Overall Public Water Supply Use	Fully Supporting	Willis Creek arm of lake	1,267			
Overall Use Su	ıpport						
2002		Fully Supporting	Eastern end of lake near the dam	2,268			
2002		Fully Supporting	Western end of lake on the San Gabriel River	873			
2002		Fully Supporting	Willis Creek arm of lake	1,267			
Nutrient Enric	chment Concern			-			
2002	Ammonia Nitrogen	No Concern	Eastern end of lake near the dam	2,268	10	0	
2002	Ammonia Nitrogen	Not Assessed	Western end of lake on the San Gabriel River	873	2	0	
2002	Ammonia Nitrogen	Not Assessed	Willis Creek arm of lake	1,267	2	0	

Reserv	oir oir	Brazos Riv	ver Basin Total size:	2	4,408	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enric	chment Concern (continued)						
2002	Nitrite + Nitrate Nitrogen	Concern	Eastern end of lake near the dam	2,268	41	29	
2002	Nitrite + Nitrate Nitrogen	Concern	Western end of lake on the San Gabriel River	873	32	23	
2002	Nitrite + Nitrate Nitrogen	Concern	Willis Creek arm of lake	1,267	33	22	
2002	Orthophosphorus	No Concern	Eastern end of lake near the dam	2,268	41	1	
2002	Orthophosphorus	No Concern	Western end of lake on the San Gabriel River	873	32	1	
2002	Orthophosphorus	No Concern	Willis Creek arm of lake	1,267	33	2	
2002	Total Phosphorus	No Concern	Eastern end of lake near the dam	2,268	10	0	
2002	Total Phosphorus	Not Assessed	Western end of lake on the San Gabriel River	873	2	0	
2002	Total Phosphorus	Not Assessed	Willis Creek arm of lake	1,267	2	0	
2002	Overall Nutrient Enrichment Concerns	Concern	Eastern end of lake near the dam	2,268			
2002	Overall Nutrient Enrichment Concerns	Concern	Western end of lake on the San Gabriel River	873			
2002	Overall Nutrient Enrichment Concerns	Concern	Willis Creek arm of lake	1,267			
Algal Growth	Concern						
2002	Chlorophyll a	No Concern	Eastern end of lake near the dam	2,268	10	0	
2002	Chlorophyll a	Not Assessed	Western end of lake on the San Gabriel River	873	2	0	
2002	Chlorophyll a	Not Assessed	Willis Creek arm of lake	1,267	2	0	
Sediment Con	taminants Concern						
2002	Metals in sediment	Not Assessed	Eastern end of lake near the dam	2,268	1		
2002	Metals in sediment	Not Assessed	Western end of lake on the San Gabriel River	873	2	0	
2002	Overall Sediment Contaminant Concerns	Not Assessed	Eastern end of lake near the dam	2,268			

Reserv	voir	Brazos Riv	ver Basin Total size:	۷	1,408	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mear
ediment Con	taminants Concern (continue	d)					
2002	Overall Sediment Contaminant Concerns	Not Assessed	Western end of lake on the San Gabriel River	873			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Willis Creek arm of lake	1,267			
sh Tissue Co	ontaminants Concern						
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Eastern end of lake near the dam	2,268			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Western end of lake on the San Gabriel River	873			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Willis Creek arm of lake	1,267			
blic Water S	Supply Concern						
2002	Finished Water: Chloride	No Concern	Eastern end of lake near the dam	2,268			
2002	Finished Water: Chloride	No Concern	Western end of lake on the San Gabriel River	873			
2002	Finished Water: Chloride	No Concern	Willis Creek arm of lake	1,267			
2002	Finished Water: Sulfate	No Concern	Eastern end of lake near the dam	2,268			
2002	Finished Water: Sulfate	No Concern	Western end of lake on the San Gabriel River	873			
2002	Finished Water: Sulfate	No Concern	Willis Creek arm of lake	1,267			
2002	Finished Water: Total Dissolved Solids	No Concern	Eastern end of lake near the dam	2,268			
2002	Finished Water: Total Dissolved Solids	No Concern	Western end of lake on the San Gabriel River	873			
2002	Finished Water: Total Dissolved Solids	No Concern	Willis Creek arm of lake	1,267			
2002	Finished Water: MTBE	No Concern	Eastern end of lake near the dam	2,268			
2002	Finished Water: MTBE	No Concern	Western end of lake on the San Gabriel River	873			

Reserv	oir	Brazos Riv	ver Basin Total size:	۷	1,408	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water S	Supply Concern (continued)						
2002	Finished Water: MTBE	No Concern	Willis Creek arm of lake	1,267			
2002 2002 2002	Finished Water: Perchlorate Finished Water: Perchlorate Finished Water: Perchlorate	Not Assessed Not Assessed Not Assessed	Eastern end of lake near the dam Western end of lake on the San Gabriel River Willis Creek arm of lake	2,268 873 1,267			
2002 2002 2002	Finished Water: Overall Finished Water: Overall Finished Water: Overall	No Concern No Concern No Concern	Eastern end of lake near the dam Western end of lake on the San Gabriel River Willis Creek arm of lake	2,268 873 1,267			
2002 2002 2002	Surface Water: Chloride Surface Water: Chloride Surface Water: Chloride	No Concern No Concern No Concern	Eastern end of lake near the dam Western end of lake on the San Gabriel River Willis Creek arm of lake	2,268 873 1,267	104 104 104		18.75 18.75 18.75
2002 2002 2002	Surface Water: Sulfate Surface Water: Sulfate Surface Water: Sulfate	No Concern No Concern No Concern	Eastern end of lake near the dam Western end of lake on the San Gabriel River Willis Creek arm of lake	2,268 873 1,267	102 102 102		22.6 22.6 22.6
2002 2002 2002	Surface Water: Total Dissolved Solids Surface Water: Total Dissolved Solids Surface Water: Total Dissolved Solids	No Concern  No Concern  No Concern	Eastern end of lake near the dam  Western end of lake on the San Gabriel River  Willis Creek arm of lake	2,268 873 1,267	113 113 113		242.4 242.4 242.4
2002 2002 2002	Surface Water: Overall Surface Water: Overall Surface Water: Overall	No Concern No Concern No Concern	Eastern end of lake near the dam Western end of lake on the San Gabriel River Willis Creek arm of lake	2,268 873 1,267			
2002	Overall Public Water Supply Concerns	No Concern	Eastern end of lake near the dam	2,268			

Reserv	oir oir	Brazos Riv	ver Basin Total size:	4	4,408	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mear
ıblic Water S	Supply Concern (continued)						
2002	Overall Public Water Supply Concerns	No Concern	Western end of lake on the San Gabriel River	873			
2002	Overall Public Water Supply Concerns	No Concern	Willis Creek arm of lake	1,267			
arrative Crit	teria Concern			-	1		
2002	Overall Narrative Criteria Concerns	No Concern	Eastern end of lake near the dam	2,268			
2002	Overall Narrative Criteria Concerns	No Concern	Western end of lake on the San Gabriel River	873			
2002	Overall Narrative Criteria Concerns	No Concern	Willis Creek arm of lake	1,267			
verall Secon	dary Concern			I			<u> </u>
2002		Concern	Eastern end of lake near the dam	2,268			
2002		Concern	Western end of lake on the San Gabriel River	873			
2002		Concern	Willis Creek arm of lake	1,267			