

Segment ID: 2303

Water body name: International Falcon Reservoir

Reservoir	Rio Grande Basin	Total size:	87,210 Acres
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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Aquatic Life Use

2002	Dissolved Oxygen grab average	Not Assessed	Area around International Monument I	5,120	1		
2002	Dissolved Oxygen grab average	Not Assessed	Area around International Monument XIV	5,120	5	0	
2002	Dissolved Oxygen grab average	Not Assessed	Area around Zapata WTP intake	5,120	4	0	
2002	Dissolved Oxygen grab minimum	Not Assessed	Area around International Monument I	5,120	1		
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Area around International Monument XIV	5,120	5	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Area around Zapata WTP intake	5,120	4	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Area around International Monument I	5,120	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Area around International Monument XIV	5,120	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Area around Zapata WTP intake	5,120	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Area around International Monument I	5,120	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Area around International Monument XIV	5,120	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Area around Zapata WTP intake	5,120	0		
2002	Acute Metals in water	Not Assessed	Area around Zapata WTP intake	5,120	2		
2002	Chronic Metals in water	Not Assessed	Area around Zapata WTP intake	5,120	2		
2002	Chronic Toxicity tests in water	No Concern-Limited Data	Area around Zapata WTP intake	5,120	4	0	
2002	Chronic Toxicity tests in sediment	Not Assessed	Area around Zapata WTP intake	5,120	1	0	
2002	Overall Aquatic Life Use	Not Assessed	Area around International Monument I	5,120			
2002	Overall Aquatic Life Use	Not Assessed	Area around International Monument XIV	5,120			
2002	Overall Aquatic Life Use	Not Assessed	Area around Zapata WTP intake	5,120			

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Aquatic Life Use (continued)

2002	Overall Aquatic Life Use	Not Assessed	Remainder of segment	71,850			
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Contact Recreation Use

2002	E. coli single sample	Not Assessed	Area around International Monument I	5,120	0		
2002	E. coli single sample	Not Assessed	Area around International Monument XIV	5,120	0		
2002	E. coli single sample	Not Assessed	Area around Zapata WTP intake	5,120	0		

2002	E. coli geometric mean	Not Assessed	Area around International Monument I	5,120	0		
2002	E. coli geometric mean	Not Assessed	Area around International Monument XIV	5,120	0		
2002	E. coli geometric mean	Not Assessed	Area around Zapata WTP intake	5,120	0		

2002	Fecal coliform single sample	Not Assessed	Area around International Monument I	5,120	1	0	
2002	Fecal coliform single sample	No Concern-Limited Data	Area around International Monument XIV	5,120	5	0	
2004	Fecal coliform single sample	Use Concern-Limited Data	Area around Zapata WTP intake	5,120	8	2	

2002	Fecal coliform geometric mean	Not Assessed	Area around International Monument I	5,120	1		
2002	Fecal coliform geometric mean	No Concern-Limited Data	Area around International Monument XIV	5,120	5		12.4
2004	Fecal coliform geometric mean	No Concern-Limited Data	Area around Zapata WTP intake	5,120	8		51.7

2002	Overall Recreation Use	Not Assessed	Area around International Monument I	5,120			
2002	Overall Recreation Use	Not Assessed	Area around International Monument XIV	5,120			
2004	Overall Recreation Use	Not Assessed	Area around Zapata WTP intake	5,120			
2002	Overall Recreation Use	Not Assessed	Remainder of segment	71,850			

General Use

2002	Water Temperature	Not Assessed	Area around International Monument I	5,120	1	0	
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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)							
2002	Water Temperature	No Concern-Limited Data	Area around International Monument XIV	5,120	5	0	
2002	Water Temperature	No Concern-Limited Data	Area around Zapata WTP intake	5,120	4	0	
2002	pH	Not Assessed	Area around International Monument I	5,120	1	0	
2002	pH	No Concern-Limited Data	Area around International Monument XIV	5,120	5	0	
2002	pH	No Concern-Limited Data	Area around Zapata WTP intake	5,120	4	0	
2002	Chloride	Fully Supporting	Area around International Monument I	5,120	10		149
2002	Chloride	Fully Supporting	Area around International Monument XIV	5,120	10		149
2002	Chloride	Fully Supporting	Area around Zapata WTP intake	5,120	10		149
2002	Chloride	Fully Supporting	Remainder of segment	71,850	10		149
2002	Sulfate	Fully Supporting	Area around International Monument I	5,120	10		247
2002	Sulfate	Fully Supporting	Area around International Monument XIV	5,120	10		247
2002	Sulfate	Fully Supporting	Area around Zapata WTP intake	5,120	10		247
2002	Sulfate	Fully Supporting	Remainder of segment	71,850	10		247
2002	Total Dissolved Solids	Fully Supporting	Area around International Monument I	5,120	10		765.2
2002	Total Dissolved Solids	Fully Supporting	Area around International Monument XIV	5,120	10		765.2
2002	Total Dissolved Solids	Fully Supporting	Area around Zapata WTP intake	5,120	10		765.2
2002	Total Dissolved Solids	Fully Supporting	Remainder of segment	71,850	10		765.2
2002	Overall General Use	Fully Supporting	Area around International Monument I	5,120			
2002	Overall General Use	Fully Supporting	Area around International Monument XIV	5,120			
2002	Overall General Use	Fully Supporting	Area around Zapata WTP intake	5,120			
2002	Overall General Use	Fully Supporting	Remainder of segment	71,850			

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Fish Consumption Use

2002	Human Health Criteria Metals	Not Assessed	Area around Zapata WTP intake	5,120	2		
2002	Overall Fish Consumption Use	Not Assessed	Area around International Monument I	5,120			
2002	Overall Fish Consumption Use	Not Assessed	Area around International Monument XIV	5,120			
2002	Overall Fish Consumption Use	Not Assessed	Area around Zapata WTP intake	5,120			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of segment	71,850			

Public Water Supply Use

2002	Finished Water: Running Avg	Fully Supporting	Area around International Monument XIV	5,120			
2002	Finished Water: Running Avg	Fully Supporting	Area around Zapata WTP intake	5,120			
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Area around International Monument XIV	5,120	5		0.336
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Not Assessed	Area around Zapata WTP intake	5,120	3		0.487
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Area around International Monument XIV	5,120	5		
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Not Assessed	Area around Zapata WTP intake	5,120	3		
2002	Overall Public Water Supply Use	Fully Supporting	Area around International Monument I	5,120			
2002	Overall Public Water Supply Use	Fully Supporting	Area around International Monument XIV	5,120			
2002	Overall Public Water Supply Use	Fully Supporting	Area around Zapata WTP intake	5,120			
2002	Overall Public Water Supply Use	Fully Supporting	Remainder of segment	71,850			

Overall Use Support

2002		Fully Supporting	Area around International Monument I	5,120			
2002		Fully Supporting	Area around International Monument XIV	5,120			
2004		Fully Supporting	Area around Zapata WTP intake	5,120			

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Overall Use Support (continued)

2002		Fully Supporting	Remainder of segment	71,850			
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Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Not Assessed	Area around International Monument I	5,120	1	0	
2002	Ammonia Nitrogen	Not Assessed	Area around International Monument XIV	5,120	5	1	
2002	Ammonia Nitrogen	Not Assessed	Area around Zapata WTP intake	5,120	4	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Area around International Monument I	5,120	1	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Area around International Monument XIV	5,120	5	3	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Area around Zapata WTP intake	5,120	3	2	
2002	Orthophosphorus	Not Assessed	Area around International Monument I	5,120	1	0	
2002	Orthophosphorus	Not Assessed	Area around International Monument XIV	5,120	5	0	
2002	Orthophosphorus	Not Assessed	Area around Zapata WTP intake	5,120	3	2	
2002	Total Phosphorus	Not Assessed	Area around International Monument I	5,120	1	0	
2002	Total Phosphorus	Not Assessed	Area around International Monument XIV	5,120	5	2	
2002	Total Phosphorus	Not Assessed	Area around Zapata WTP intake	5,120	4	4	
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Area around International Monument I	5,120			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Area around International Monument XIV	5,120			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Area around Zapata WTP intake	5,120			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of segment	71,850			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	Area around International Monument I	5,120	1	1	
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Reservoir

Rio Grande Basin

Total size:

87,210 Acres

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Algal Growth Concern (continued)

2002	Chlorophyll a	Not Assessed	Area around International Monument XIV	5,120	5	3	
2002	Chlorophyll a	Not Assessed	Area around Zapata WTP intake	5,120	4	1	
2002	Chlorophyll a	Not Assessed	Remainder of segment	71,850			

Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	Area around International Monument I	5,120			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Area around International Monument XIV	5,120			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Area around Zapata WTP intake	5,120			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of segment	71,850			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Area around International Monument I	5,120			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Area around International Monument XIV	5,120			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Area around Zapata WTP intake	5,120			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of segment	71,850			

Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	Area around International Monument I	5,120			
2002	Finished Water: Chloride	No Concern	Area around International Monument XIV	5,120			
2002	Finished Water: Chloride	No Concern	Area around Zapata WTP intake	5,120			
2002	Finished Water: Chloride	No Concern	Remainder of segment	71,850			

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Reservoir

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Public Water Supply Concern (continued)

2002	Finished Water: Sulfate	No Concern	Area around International Monument I	5,120			
2002	Finished Water: Sulfate	No Concern	Area around International Monument XIV	5,120			
2002	Finished Water: Sulfate	No Concern	Area around Zapata WTP intake	5,120			
2002	Finished Water: Sulfate	No Concern	Remainder of segment	71,850			
2002	Finished Water: Total Dissolved Solids	No Concern	Area around International Monument I	5,120			
2002	Finished Water: Total Dissolved Solids	No Concern	Area around International Monument XIV	5,120			
2002	Finished Water: Total Dissolved Solids	No Concern	Area around Zapata WTP intake	5,120			
2002	Finished Water: Total Dissolved Solids	No Concern	Remainder of segment	71,850			
2002	Finished Water: MTBE	No Concern	Area around International Monument I	5,120			
2002	Finished Water: MTBE	No Concern	Area around International Monument XIV	5,120			
2002	Finished Water: MTBE	No Concern	Area around Zapata WTP intake	5,120			
2002	Finished Water: MTBE	No Concern	Remainder of segment	71,850			
2002	Finished Water: Perchlorate	Not Assessed	Area around International Monument I	5,120			
2002	Finished Water: Perchlorate	Not Assessed	Area around International Monument XIV	5,120			
2002	Finished Water: Perchlorate	Not Assessed	Area around Zapata WTP intake	5,120			
2002	Finished Water: Perchlorate	Not Assessed	Remainder of segment	71,850			
2002	Finished Water: Overall	No Concern	Area around International Monument I	5,120			
2002	Finished Water: Overall	No Concern	Area around International Monument XIV	5,120			
2002	Finished Water: Overall	No Concern	Area around Zapata WTP intake	5,120			
2002	Finished Water: Overall	No Concern	Remainder of segment	71,850			
2002	Surface Water: Chloride	No Concern	Area around International Monument I	5,120	10		149

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Public Water Supply Concern (continued)

2002	Surface Water: Chloride	No Concern	Area around International Monument XIV	5,120	10		149
2002	Surface Water: Chloride	No Concern	Area around Zapata WTP intake	5,120	10		149
2002	Surface Water: Chloride	No Concern	Remainder of segment	71,850	10		149
2002	Surface Water: Sulfate	No Concern	Area around International Monument I	5,120	10		247
2002	Surface Water: Sulfate	No Concern	Area around International Monument XIV	5,120	10		247
2002	Surface Water: Sulfate	No Concern	Area around Zapata WTP intake	5,120	10		247
2002	Surface Water: Sulfate	No Concern	Remainder of segment	71,850	10		247
2002	Surface Water: Total Dissolved Solids	No Concern	Area around International Monument I	5,120	10		765.2
2002	Surface Water: Total Dissolved Solids	No Concern	Area around International Monument XIV	5,120	10		765.2
2002	Surface Water: Total Dissolved Solids	No Concern	Area around Zapata WTP intake	5,120	10		765.2
2002	Surface Water: Total Dissolved Solids	No Concern	Remainder of segment	71,850	10		765.2
2002	Surface Water: Overall	No Concern	Area around International Monument I	5,120			
2002	Surface Water: Overall	No Concern	Area around International Monument XIV	5,120			
2002	Surface Water: Overall	No Concern	Area around Zapata WTP intake	5,120			
2002	Surface Water: Overall	No Concern	Remainder of segment	71,850			
2002	Overall Public Water Supply Concerns	No Concern	Area around International Monument I	5,120			
2002	Overall Public Water Supply Concerns	No Concern	Area around International Monument XIV	5,120			
2002	Overall Public Water Supply Concerns	No Concern	Area around Zapata WTP intake	5,120			
2002	Overall Public Water Supply Concerns	No Concern	Remainder of segment	71,850			

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Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Area around International Monument I	5,120			
2002	Overall Narrative Criteria Concerns	No Concern	Area around International Monument XIV	5,120			
2002	Overall Narrative Criteria Concerns	No Concern	Area around Zapata WTP intake	5,120			
2002	Overall Narrative Criteria Concerns	No Concern	Remainder of segment	71,850			

Overall Secondary Concern

2002		No Concern	Area around International Monument I	5,120			
2002		No Concern	Area around International Monument XIV	5,120			
2002		No Concern	Area around Zapata WTP intake	5,120			
2002		No Concern	Remainder of segment	71,850			