

Segment ID: 1812 **Water body name:** Guadalupe River Below Canyon Dam

Freshwater Stream

Guadalupe River Basin

Total size:

23

Miles

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	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	61	0	
2002	Dissolved Oxygen grab average	No Concern	Lower 4 miles of segment	4	16	0	
2002	Dissolved Oxygen grab average	No Concern	Upper 9 miles of segment	9	11	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	61	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 4 miles of segment	4	16	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upper 9 miles of segment	9	11	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 4 miles of segment	4	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper 9 miles of segment	9	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 4 miles of segment	4	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper 9 miles of segment	9	0		
2002	Acute Metals in water	Not Assessed	Upper 9 miles of segment	9	1		
2002	Chronic Metals in water	Not Assessed	Upper 9 miles of segment	9	1		
2002	Overall Aquatic Life Use	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Overall Aquatic Life Use	Fully Supporting	Lower 4 miles of segment	4			
2002	Overall Aquatic Life Use	Fully Supporting	Upper 9 miles of segment	9			

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Contact Recreation Use

2002	E. coli single sample	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	52	0	
2002	E. coli single sample	Not Assessed	Lower 4 miles of segment	4	0		
2002	E. coli single sample	Not Assessed	Upper 9 miles of segment	9	0		
2002	E. coli geometric mean	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	52		26
2002	E. coli geometric mean	Not Assessed	Lower 4 miles of segment	4	0		
2002	E. coli geometric mean	Not Assessed	Upper 9 miles of segment	9	0		
2002	Fecal coliform single sample	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	61	1	
2002	Fecal coliform single sample	Fully Supporting	Lower 4 miles of segment	4	17	1	
2002	Fecal coliform single sample	No Concern-Limited Data	Upper 9 miles of segment	9	9	0	
2002	Fecal coliform geometric mean	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	61		44
2002	Fecal coliform geometric mean	Fully Supporting	Lower 4 miles of segment	4	17		59.3
2002	Fecal coliform geometric mean	No Concern-Limited Data	Upper 9 miles of segment	9	9		73.6
2002	Overall Recreation Use	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Overall Recreation Use	Fully Supporting	Lower 4 miles of segment	4			
2002	Overall Recreation Use	Not Assessed	Upper 9 miles of segment	9			

General Use

2002	Water Temperature	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	61	0	
2002	Water Temperature	Fully Supporting	Lower 4 miles of segment	4	20	0	

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General Use (continued)

2002	Water Temperature	Fully Supporting	Upper 9 miles of segment	9	16	0	
2002	pH	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	61	0	
2002	pH	Fully Supporting	Lower 4 miles of segment	4	16	0	
2002	pH	Fully Supporting	Upper 9 miles of segment	9	11	0	
2002	Chloride	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	20		15.4
2002	Chloride	Fully Supporting	Lower 4 miles of segment	4	20		15.4
2002	Chloride	Fully Supporting	Upper 9 miles of segment	9	20		15.4
2002	Sulfate	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	20		19
2002	Sulfate	Fully Supporting	Lower 4 miles of segment	4	20		19
2002	Sulfate	Fully Supporting	Upper 9 miles of segment	9	20		19
2002	Total Dissolved Solids	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	104		261.1
2002	Total Dissolved Solids	Fully Supporting	Lower 4 miles of segment	4	104		261.1
2002	Total Dissolved Solids	Fully Supporting	Upper 9 miles of segment	9	104		261.1
2002	Overall General Use	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Overall General Use	Fully Supporting	Lower 4 miles of segment	4			
2002	Overall General Use	Fully Supporting	Upper 9 miles of segment	9			

Fish Consumption Use

2002	Human Health Criteria Lead	Not Assessed	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	1		
2002	Human Health Criteria Lead	Not Assessed	Lower 4 miles of segment	4	1		

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Fish Consumption Use (continued)

2002	Human Health Criteria Lead	Not Assessed	Upper 9 miles of segment	9	1		
2002	Overall Fish Consumption Use	Not Assessed	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Overall Fish Consumption Use	Not Assessed	Lower 4 miles of segment	4			
2002	Overall Fish Consumption Use	Not Assessed	Upper 9 miles of segment	9			

Public Water Supply Use

2002	Finished Water: Running Avg	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Finished Water: Running Avg	Fully Supporting	Lower 4 miles of segment	4			
2002	Finished Water: Running Avg	Fully Supporting	Upper 9 miles of segment	9			
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	61		0.28
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 4 miles of segment	4	20		0.351
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Upper 9 miles of segment	9	16		0.21
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	61	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 4 miles of segment	4	20	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Upper 9 miles of segment	9	16	0	
2002	Overall Public Water Supply Use	Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Overall Public Water Supply Use	Fully Supporting	Lower 4 miles of segment	4			
2002	Overall Public Water Supply Use	Fully Supporting	Upper 9 miles of segment	9			

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Overall Use Support

2002		Fully Supporting	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002		Fully Supporting	Lower 4 miles of segment	4			
2002		Fully Supporting	Upper 9 miles of segment	9			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	26	2	
2002	Ammonia Nitrogen	No Concern	Lower 4 miles of segment	4	20	0	
2002	Ammonia Nitrogen	No Concern	Upper 9 miles of segment	9	16	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	61	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 4 miles of segment	4	20	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Upper 9 miles of segment	9	16	0	
2002	Orthophosphorus	Not Assessed	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	0		
2002	Orthophosphorus	No Concern	Lower 4 miles of segment	4	20	0	
2002	Orthophosphorus	No Concern	Upper 9 miles of segment	9	16	0	
2002	Total Phosphorus	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	61	0	
2002	Total Phosphorus	No Concern	Lower 4 miles of segment	4	20	0	
2002	Total Phosphorus	No Concern	Upper 9 miles of segment	9	16	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 4 miles of segment	4			

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Nutrient Enrichment Concern (continued)

2002	Overall Nutrient Enrichment Concerns	No Concern	Upper 9 miles of segment	9			
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Algal Growth Concern

2002	Chlorophyll a	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	54	0	
2002	Chlorophyll a	No Concern	Lower 4 miles of segment	4	20	0	
2002	Chlorophyll a	No Concern	Upper 9 miles of segment	9	14	0	

Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 4 miles of segment	4			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 9 miles of segment	9			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 4 miles of segment	4			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 9 miles of segment	9			

Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Finished Water: Chloride	No Concern	Lower 4 miles of segment	4			
2002	Finished Water: Chloride	No Concern	Upper 9 miles of segment	9			

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Public Water Supply Concern (continued)

2002	Finished Water: Sulfate	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Finished Water: Sulfate	No Concern	Lower 4 miles of segment	4			
2002	Finished Water: Sulfate	No Concern	Upper 9 miles of segment	9			
2002	Finished Water: Total Dissolved Solids	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower 4 miles of segment	4			
2002	Finished Water: Total Dissolved Solids	No Concern	Upper 9 miles of segment	9			
2002	Finished Water: MTBE	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Finished Water: MTBE	No Concern	Lower 4 miles of segment	4			
2002	Finished Water: MTBE	No Concern	Upper 9 miles of segment	9			
2002	Finished Water: Perchlorate	Not Assessed	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Finished Water: Perchlorate	Not Assessed	Lower 4 miles of segment	4			
2002	Finished Water: Perchlorate	Not Assessed	Upper 9 miles of segment	9			
2002	Finished Water: Overall	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Finished Water: Overall	No Concern	Lower 4 miles of segment	4			
2002	Finished Water: Overall	No Concern	Upper 9 miles of segment	9			
2002	Surface Water: Chloride	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	20		15.4
2002	Surface Water: Chloride	No Concern	Lower 4 miles of segment	4	20		15.4
2002	Surface Water: Chloride	No Concern	Upper 9 miles of segment	9	20		15.4

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Public Water Supply Concern (continued)

2002	Surface Water: Sulfate	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	20		19
2002	Surface Water: Sulfate	No Concern	Lower 4 miles of segment	4	20		19
2002	Surface Water: Sulfate	No Concern	Upper 9 miles of segment	9	20		19
2002	Surface Water: Total Dissolved Solids	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10	104		261.1
2002	Surface Water: Total Dissolved Solids	No Concern	Lower 4 miles of segment	4	104		261.1
2002	Surface Water: Total Dissolved Solids	No Concern	Upper 9 miles of segment	9	104		261.1
2002	Surface Water: Overall	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Surface Water: Overall	No Concern	Lower 4 miles of segment	4			
2002	Surface Water: Overall	No Concern	Upper 9 miles of segment	9			
2002	Overall Public Water Supply Concerns	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Overall Public Water Supply Concerns	No Concern	Lower 4 miles of segment	4			
2002	Overall Public Water Supply Concerns	No Concern	Upper 9 miles of segment	9			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002	Overall Narrative Criteria Concerns	No Concern	Lower 4 miles of segment	4			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 9 miles of segment	9			

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Overall Secondary Concern

2002		No Concern	From railroad xing approx 1.5 miles upstrm of SH 46 to confl. with Bear Ck	10			
2002		No Concern	Lower 4 miles of segment	4			
2002		No Concern	Upper 9 miles of segment	9			