

DRAFT 2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River (February 5, 2010)

Segment New
in 2010? **No**

SEGID 1810 Plum Creek

AUID 1810_01 Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	85		7	4.03	5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	85		0		3.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	1		0		5.00	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	1		0		3.00	ID	NA	<input type="checkbox"/>	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	81		13	3287.31	394.00	AD	FS	<input type="checkbox"/>	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	81	199.2			126.00	AD	NS	<input type="checkbox"/>	NS	bacteria	4b

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	86		0		32.20	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2001	11/30/2008	85		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2001	11/30/2008	85		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	170	109.3			350.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	170	80.37			150.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	184	639.8			1,120.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	45		0		0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	82		2	15.95	14.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	82		25	3.07	1.95	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	83		9	1.07	0.69	AD	NC	<input type="checkbox"/>	NC		

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AUID 1810_02 From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	27		0		5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	27		0		3.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	1		0		5.00	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	1		0		3.00	ID	NA	<input type="checkbox"/>	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	21		2	492.6	394.00	AD	FS	<input type="checkbox"/>	FS		
Bacteria Single Sample	Fecal coliform	12/1/2001	11/30/2008	3		1	467	400.00	SM	NA	<input type="checkbox"/>	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	21	141.0			126.00	AD	NS	<input type="checkbox"/>	NS	bacteria	4b
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	3	188.0			200.00	SM	NA	<input type="checkbox"/>	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	27		0		32.20	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2001	11/30/2008	27		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2001	11/30/2008	27		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	170	109.3			350.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	170	80.37			150.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	184	639.8			1,120.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	26		0		0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	26		0		14.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	27		24	8.89	1.95	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	26		19	0.81	0.37	AD	CS	<input type="checkbox"/>	CS	orthophosphorus	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	27		13	1.02	0.69	AD	CS	<input type="checkbox"/>	CS	total phosphorus	

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AUID 1810_03 From approx. 0.5 mi. upstream of SH 21 to upper end of segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	85		9	3.56	5.00	AD	NC	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	85		2	2.5	3.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	1		0		5.00	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	1		0		3.00	ID	NA	<input type="checkbox"/>	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	81		19	1274.26	394.00	AD	FS	<input type="checkbox"/>	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	81	235.1			126.00	AD	NS	<input type="checkbox"/>	NS	bacteria	4b

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	85		0		32.20	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2001	11/30/2008	85		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2001	11/30/2008	85		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	170	109.3			350.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	170	80.37			150.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	184	639.8			1,120.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	46		6	6.55	0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	83		2	22.15	14.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	82		50	9.5	1.95	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	83		43	2.48	0.69	AD	CS	<input type="checkbox"/>	CS	total phosphorus	