

DRAFT 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

2006 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2006 to re-evaluate the level of support.

Segment ID: 1810 **Water body name:** Plum Creek

Water body type: Freshwater Stream

Water body size: 52.0 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen 24hr average

Dissolved Oxygen 24hr	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	0	0		ID	NA	NA		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	0	0		ID	NA	NA		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	0	0		ID	NA	NA		No

Dissolved Oxygen 24hr minimum

Dissolved Oxygen 24hr	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	0	0		ID	NA	NA		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	0	0		ID	NA	NA		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	0	0		ID	NA	NA		No

Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	62	59	0	AD	FS	FS		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	17	17	0	AD	FS	FS		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	38	38	0	AD	FS	FS		No

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Aquatic Life Use

Dissolved Oxygen grab screening level

Dissolved Oxygen Grab	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	62	59	0	AD	NC	NC		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	17	17	0	AD	NC	NC		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	38	38	2	AD	NC	NC		No

Fish Community

Fish Community	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	0	0		ID	NA	NA		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	0	0		ID	NA	NA		No

Habitat

Habitat	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	0	0		ID	NA	NA		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	0	0		ID	NA	NA		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	0	0		ID	NA	NA		No

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Aquatic Life Use

Macrobenthic Community

Macrobenthic Community	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	0	0		ID	NA	NA		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	0	0		ID	NA	NA		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	0	0		ID	NA	NA		No

Fish Consumption Use

Bioaccumulative Toxics in fish tissue

Multiple Constituents	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	0	0		ID	NA	NA		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	0	0		ID	NA	NA		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	0	0		ID	NA	NA		No

HH Bioaccumulative Toxics in water

Multiple Constituents	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	0	0		ID	NA	NA		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	0	0		ID	NA	NA		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	0	0		ID	NA	NA		No

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General Use

Dissolved Solids

Chloride	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	117	117	109.0	AD	FS	FS		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	117	117	109.0	AD	FS	FS		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	117	117	109.0	AD	FS	FS		No
Sulfate	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	116	116	78.0	AD	FS	FS		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	116	116	78.0	AD	FS	FS		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	116	116	78.0	AD	FS	FS		No
Total Dissolved Solids	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	126	126	614.0	AD	FS	FS		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	126	126	614.0	AD	FS	FS		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	126	126	614.0	AD	FS	FS		No

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General Use

High pH

pH	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	62	62	0	AD	FS	FS		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	17	17	0	AD	FS	FS		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	55	55	0	AD	FS	FS		No

Low pH

pH	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	62	62	0	AD	FS	FS		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	17	17	0	AD	FS	FS		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	38	38	0	AD	FS	FS		No

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General Use

Nutrient Screening Levels

Ammonia	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	30	30	0	AD	NC	NC		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	19	19	0	AD	CS	CS		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	20	20	0	AD	NC	NC		No
Chlorophyll-a	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	59	59	1	AD	NC	NC		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	18	18	0	AD	NC	NC		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	39	39	3	AD	NC	NC		No
Nitrate	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	30	30	19	AD	CS	CS		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	19	19	16	AD	CS	CS		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	39	39	16	AD	CS	CS		No
Orthophosphorus	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	0	0		ID	NA	NA		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	19	19		AD	CS	CS		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	0	0		ID	NA	NA		No

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General Use

Nutrient Screening Levels

Total Phosphorus

1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	60	60	3		AD	NC	NC		No
1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	18	18	7		AD	CS	CS		No
1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	39	39	10		AD	NC	NC		No

Water Temperature

Temperature

1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	64	64	0		AD	FS	FS		No
1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	21	21	0		AD	FS	FS		No
1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	59	59	0		AD	FS	FS		No

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Recreation Use

Bacteria Geomean

E. coli	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	58	58	112.0	AD	FS	FS		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	13	13	107.0	AD	FS	FS		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	37	37	205.0	AD	NS	NS	5c	No
Fecal coliform	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	24	24	135.0	SM	NA	NA		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	10	10	231.0	SM	NS	NS		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	12	12	244.0	SM	NA	NA		No

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Recreation Use

Bacteria Single Sample

E. coli	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	58	58	8	AD	FS	FS		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	13	13	2	AD	FS	FS		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	37	37	8	AD	FS	FS		No
Fecal coliform	1810_01	Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek	24	24	2	SM	NA	NA		No
	1810_02	From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21	10	10	2	SM	FS	FS		No
	1810_03	From approx. 0.5 mi. upstream of SH 21 to upper end of segment	12	12	1	SM	NA	NA		No