

St. Joseph Bay Aquatic Preserve
SEACAR Discrete Water Quality Analysis

Last compiled on 26 June, 2024

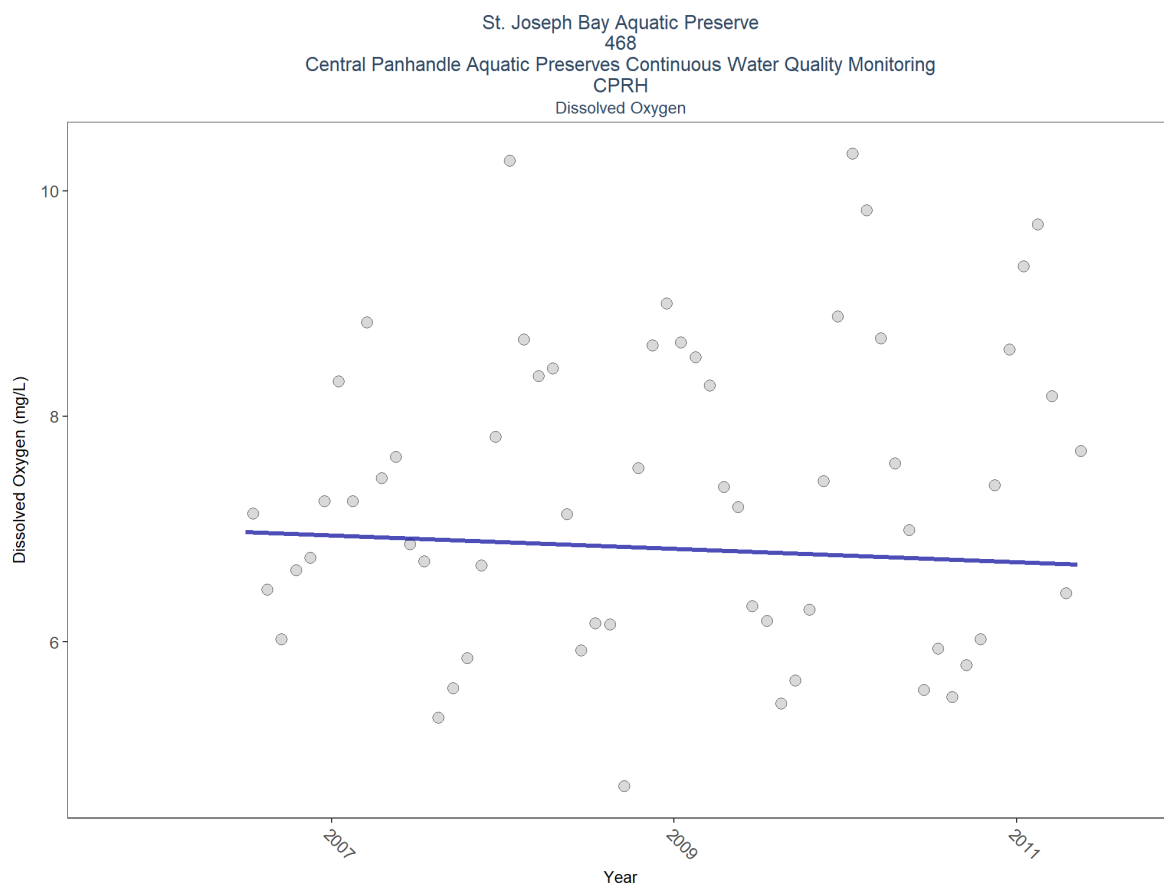
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Parameters

Dissolved Oxygen

CPRH



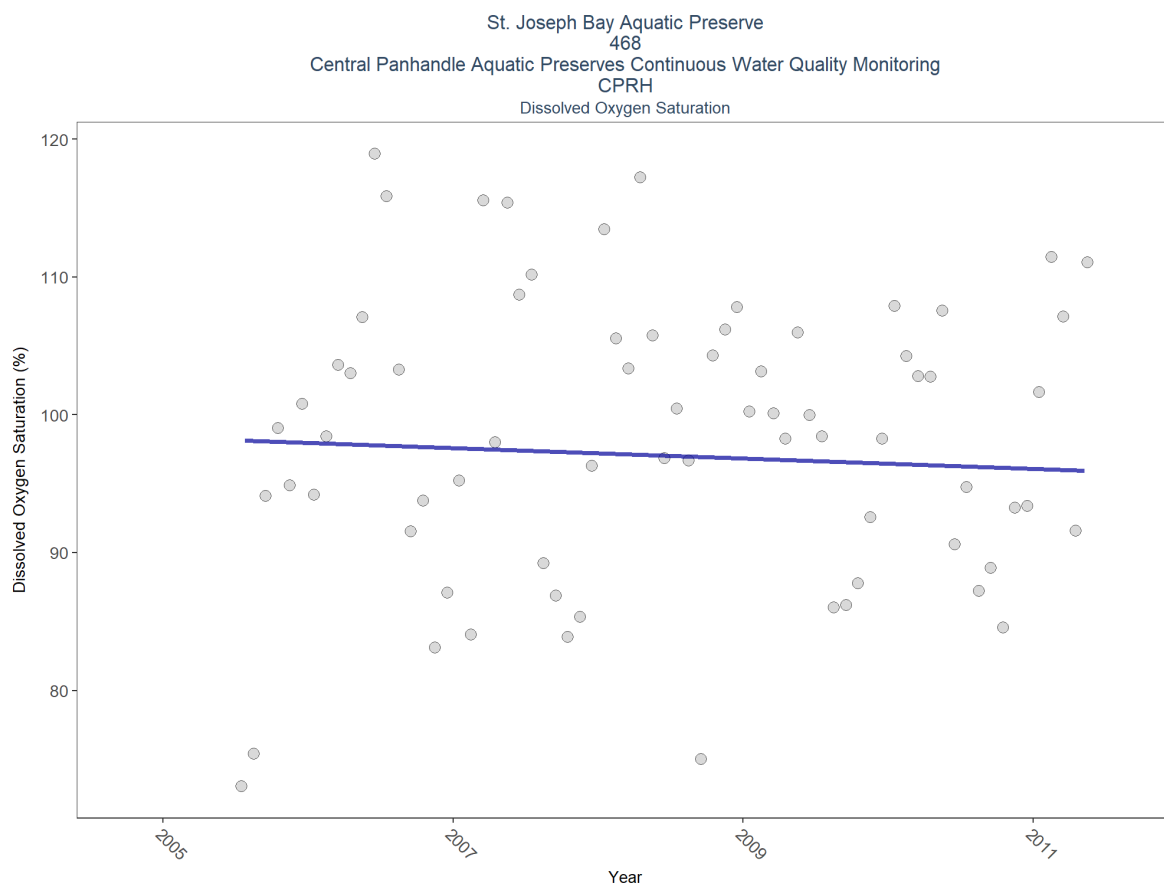
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	73589	6	7.3	TRUE	-0.096	0.5160	-0.05909436	7.00321	12.9395	0.2973	0

$p < 0.00005$ appear as 0 due to rounding.

SennIntercept is intercept value at beginning of record for monitoring location

Dissolved Oxygen Saturation

CPRH

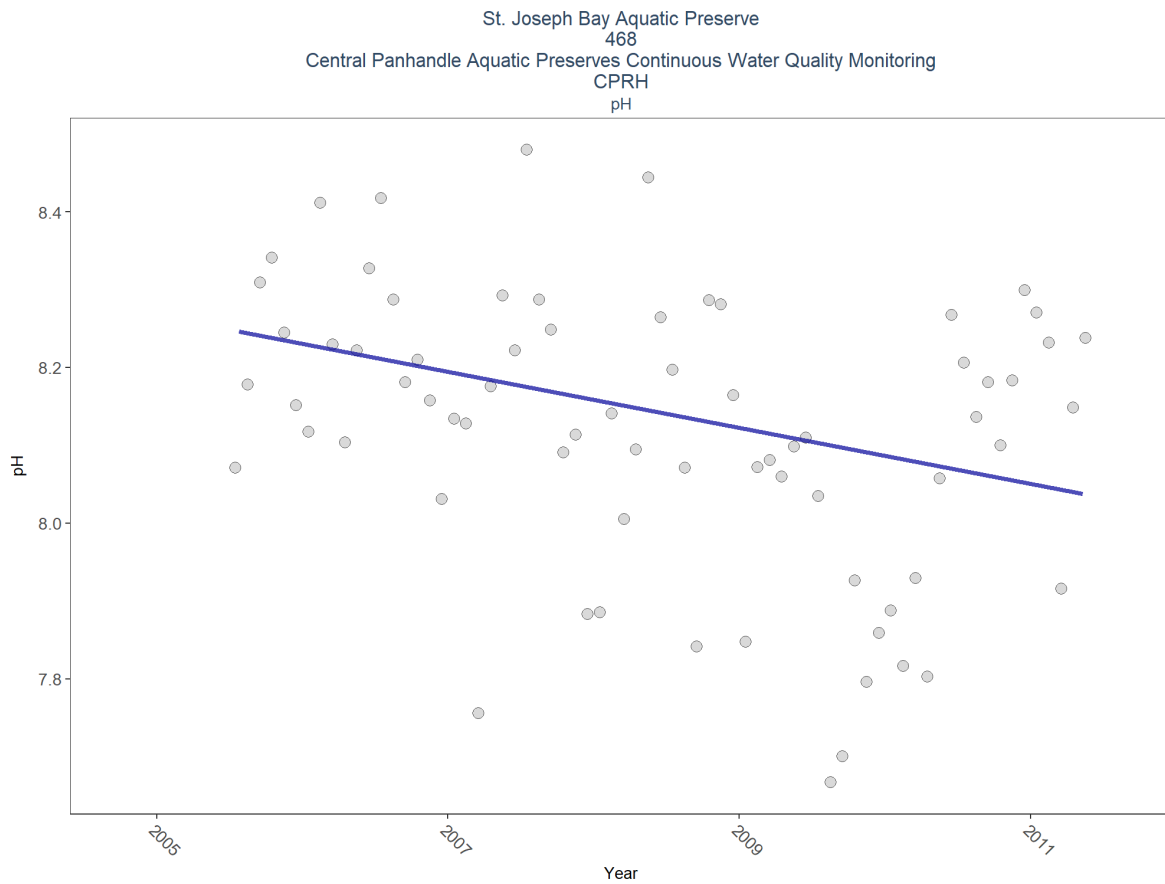


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	89684	7	98.3	TRUE	-0.0845	0.5078	-0.3749085	98.33783	13.1279	0.285	0

$p < 0.00005$ appear as 0 due to rounding.

SennIntercept is intercept value at beginning of record for monitoring location

pH CPRH



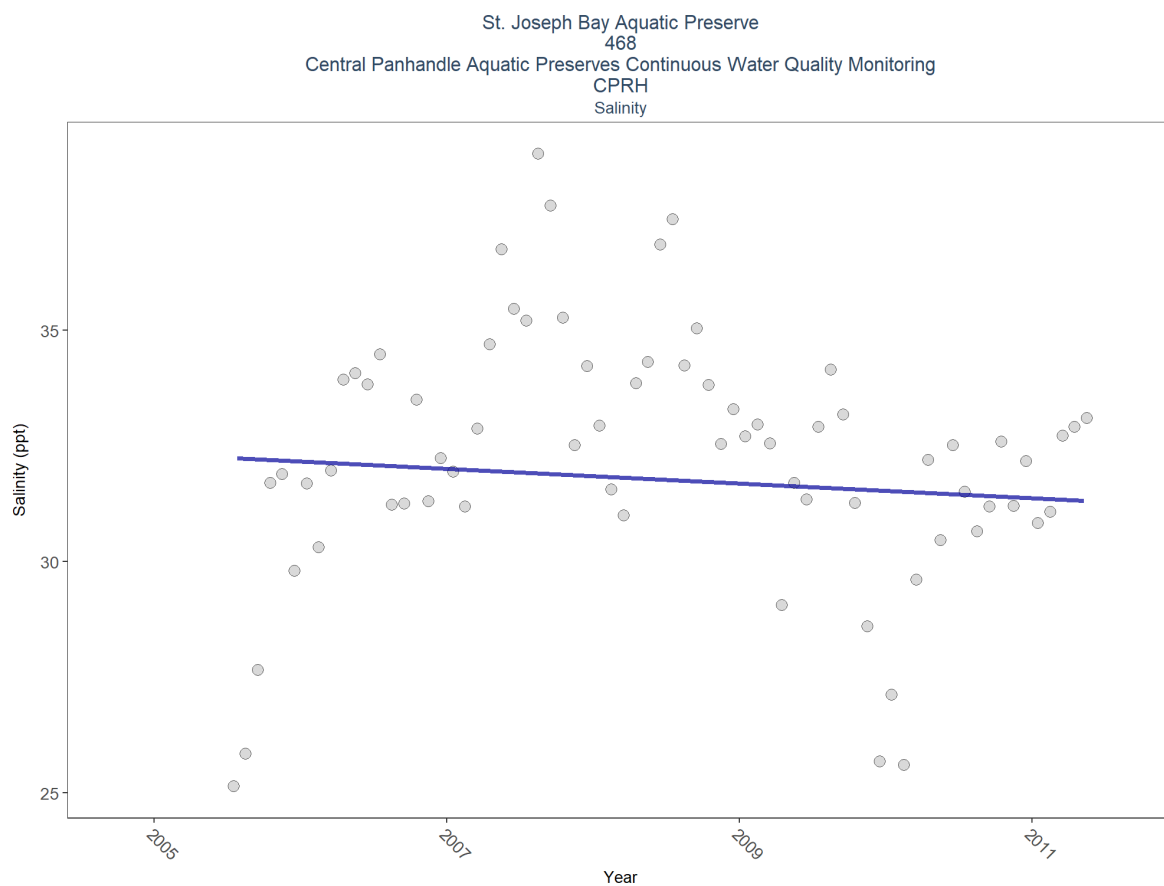
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	92953	7	8.1	TRUE	-0.2563	0.0152	-0.03596902	8.266201	3.8281	0.9747	-1

$p < 0.00005$ appear as 0 due to rounding.

SennIntercept is intercept value at beginning of
record for monitoring location

Salinity

CPRH



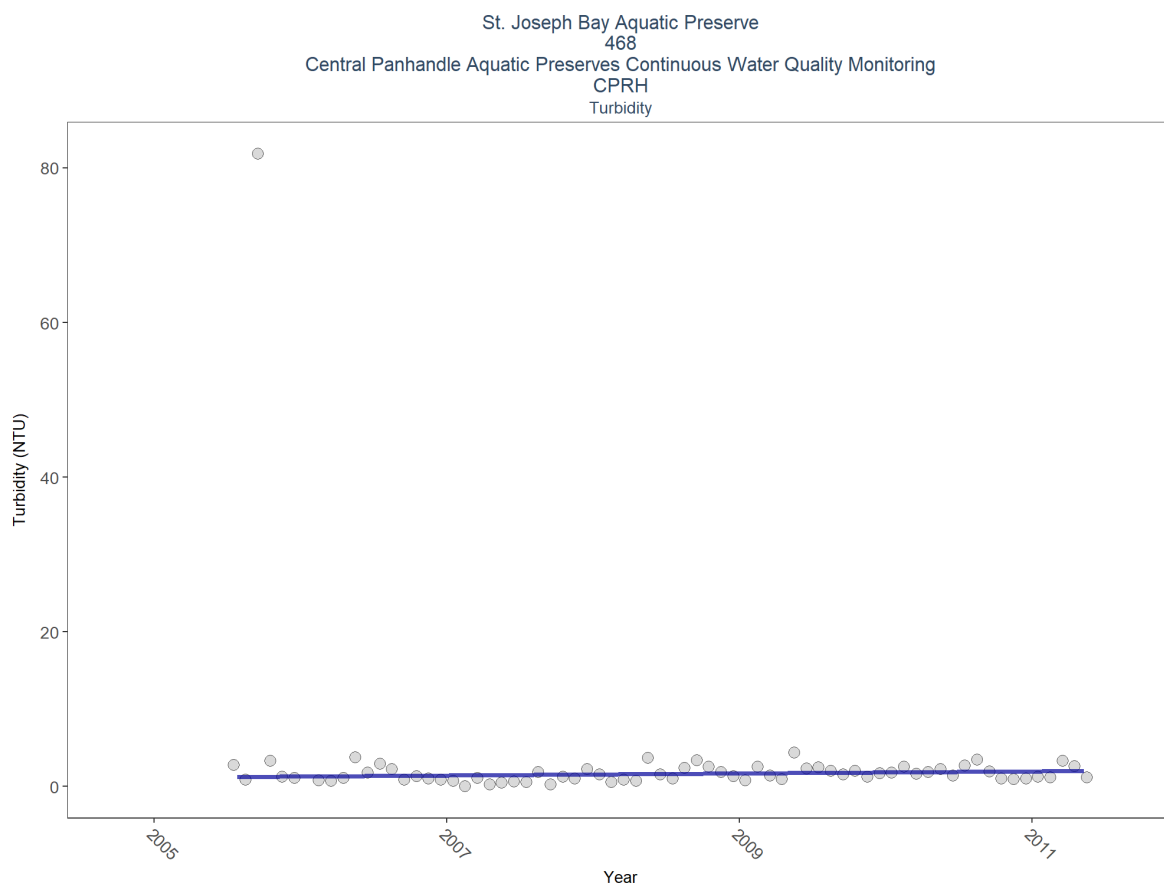
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	90747	7	32.4	TRUE	-0.1211	0.2697	-0.1573168	32.32181	3.208	0.9877	0

$p < 0.00005$ appear as 0 due to rounding.

SennIntercept is intercept value at beginning of record for monitoring location

Turbidity

CPRH



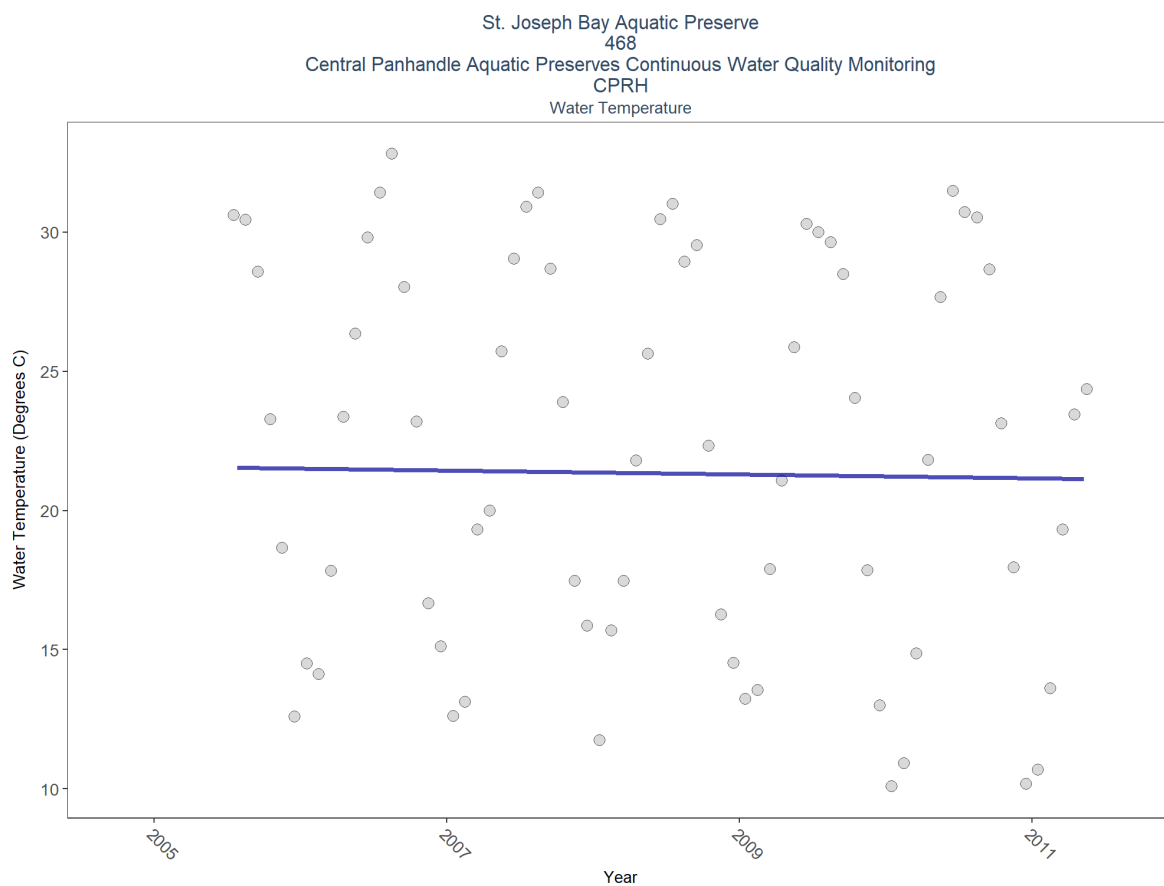
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	53062	7	1	TRUE	0.1771	0.1032	0.1380738	1.136951	13.6941	0.2504	0

$p < 0.00005$ appear as 0 due to rounding.

*SennIntercept is intercept value at beginning of
record for monitoring location*

Water Temperature

CPRH



RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	97321	7	22.6	TRUE	-0.0648	0.5078	-0.07075213	21.58368	8.1102	0.7034	0

$p < 0.00005$ appear as 0 due to rounding.

SennIntercept is intercept value at beginning of record for monitoring location