

# St. Martins Marsh Aquatic Preserve

## SEACAR Discrete Water Quality Analysis

Last compiled on 26 June, 2024

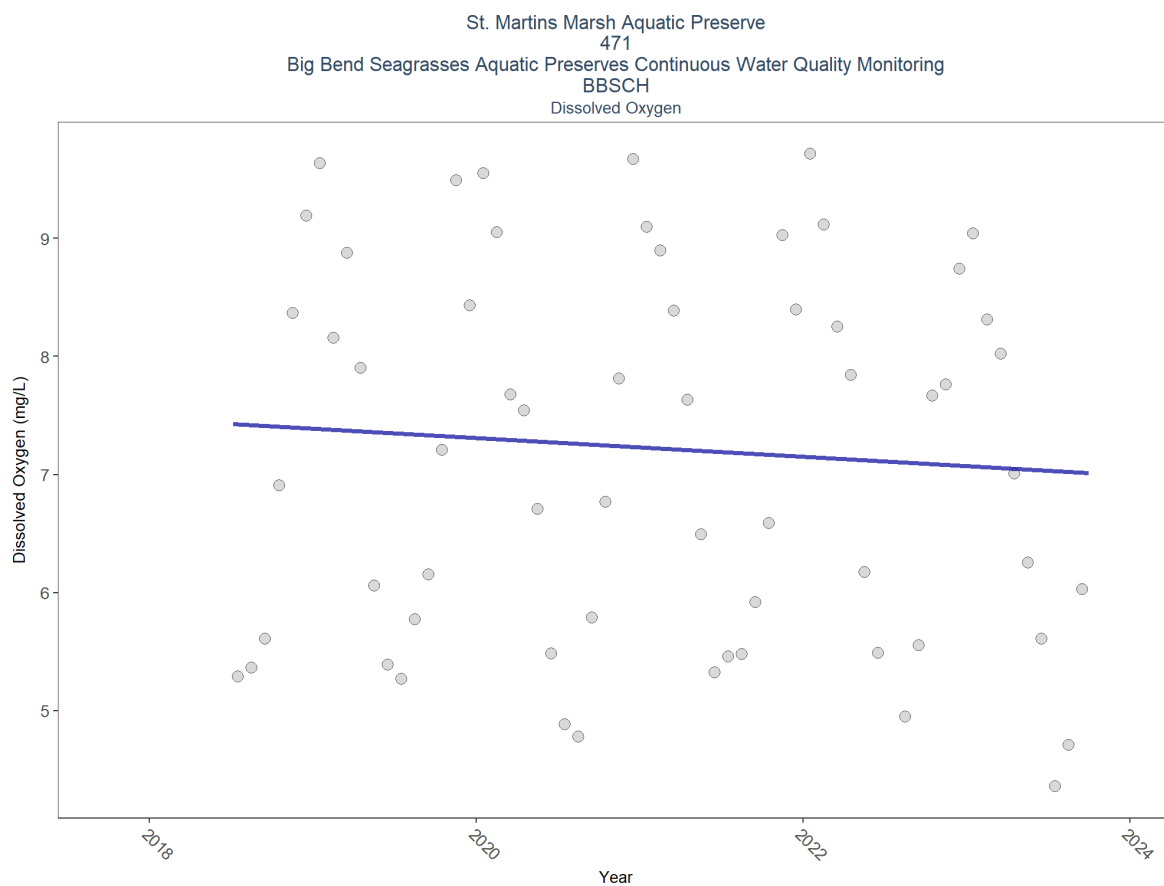
### Contents

<b>Parameters</b>	<b>2</b>
Dissolved Oxygen . . . . .	3
BBSCH . . . . .	3
Dissolved Oxygen Saturation . . . . .	4
BBSCH . . . . .	4
pH . . . . .	5
BBSCH . . . . .	5
Salinity . . . . .	6
BBSCH . . . . .	6
Turbidity . . . . .	7
BBSCH . . . . .	7
Water Temperature . . . . .	8
BBSCH . . . . .	8

## Parameters

# Dissolved Oxygen

BBSCH



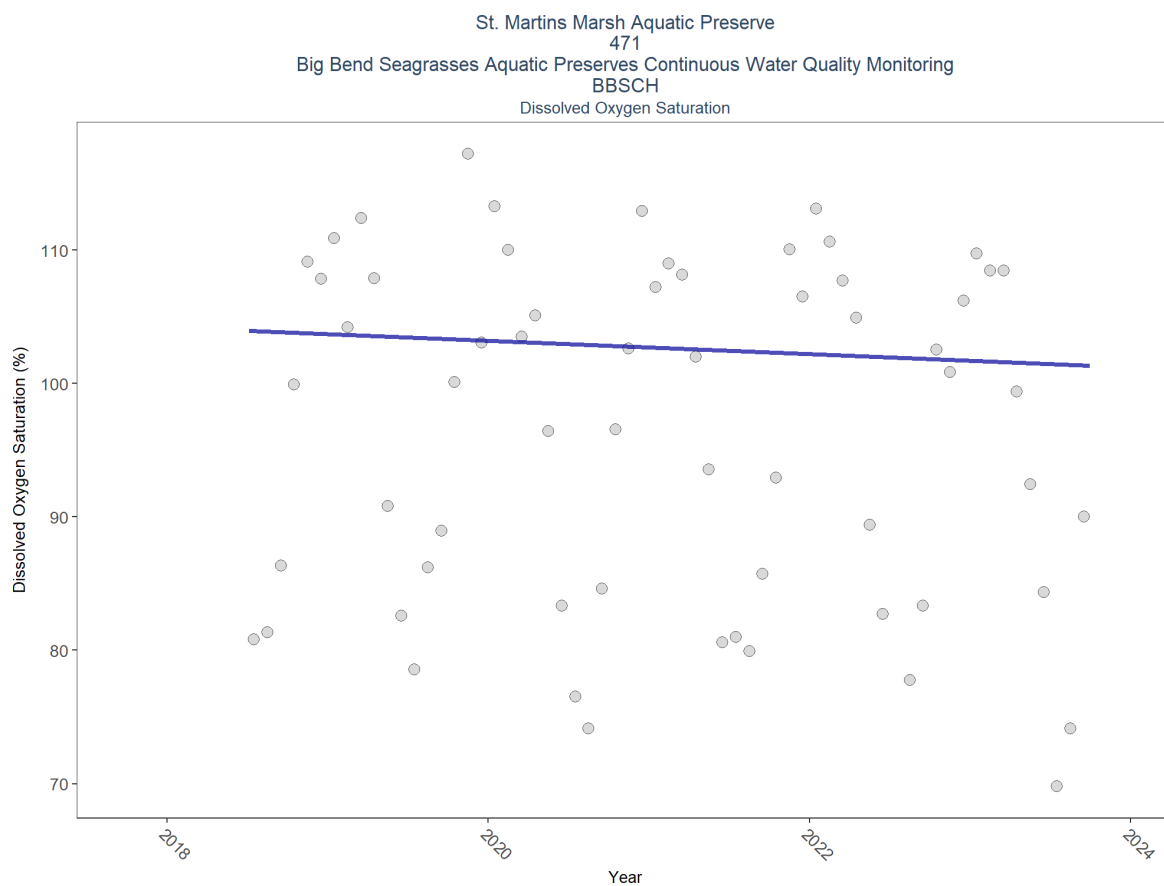
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	159247	6	7.3	TRUE	-0.1516	0.2036	-0.07874243	7.464896	7.4746	0.7595	0

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

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

# Dissolved Oxygen Saturation

BBSCH



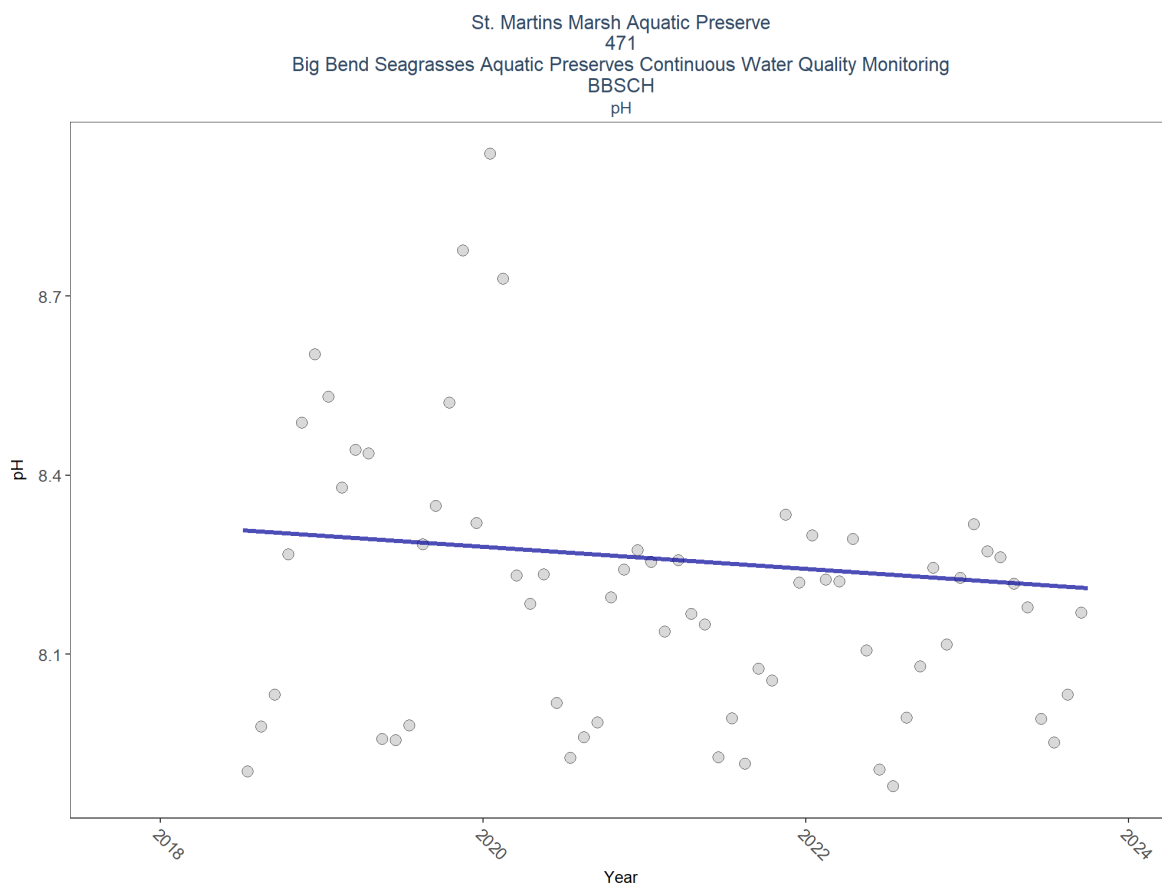
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	159247	6	98.2	TRUE	-0.1935	0.0944	-0.4965428	104.198	7.7729	0.7335	0

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

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

# pH

## BBSCH



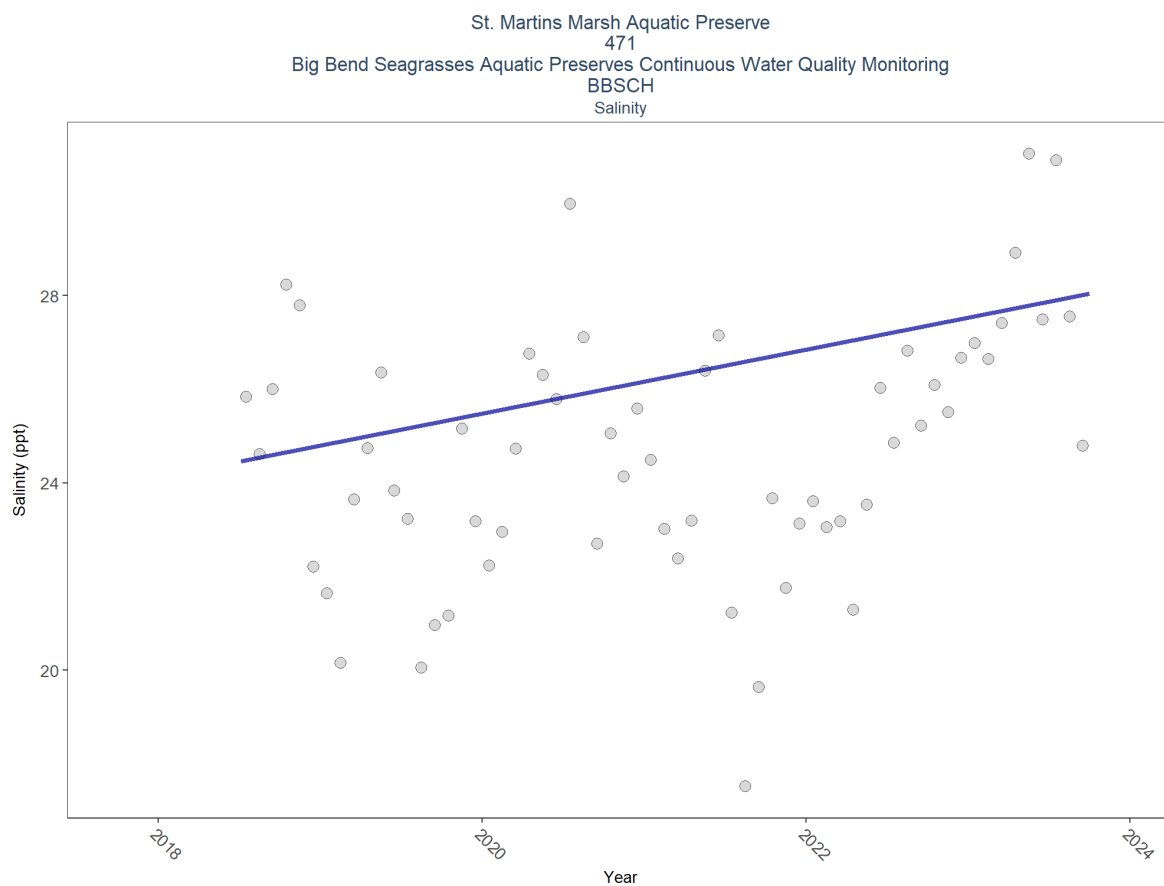
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	167892	6	8.2	TRUE	-0.1619	0.2403	-0.01838655	8.316851	7.2247	0.7806	0

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

SennIntercept is intercept value at beginning of record for monitoring location

# Salinity

## BBSCH



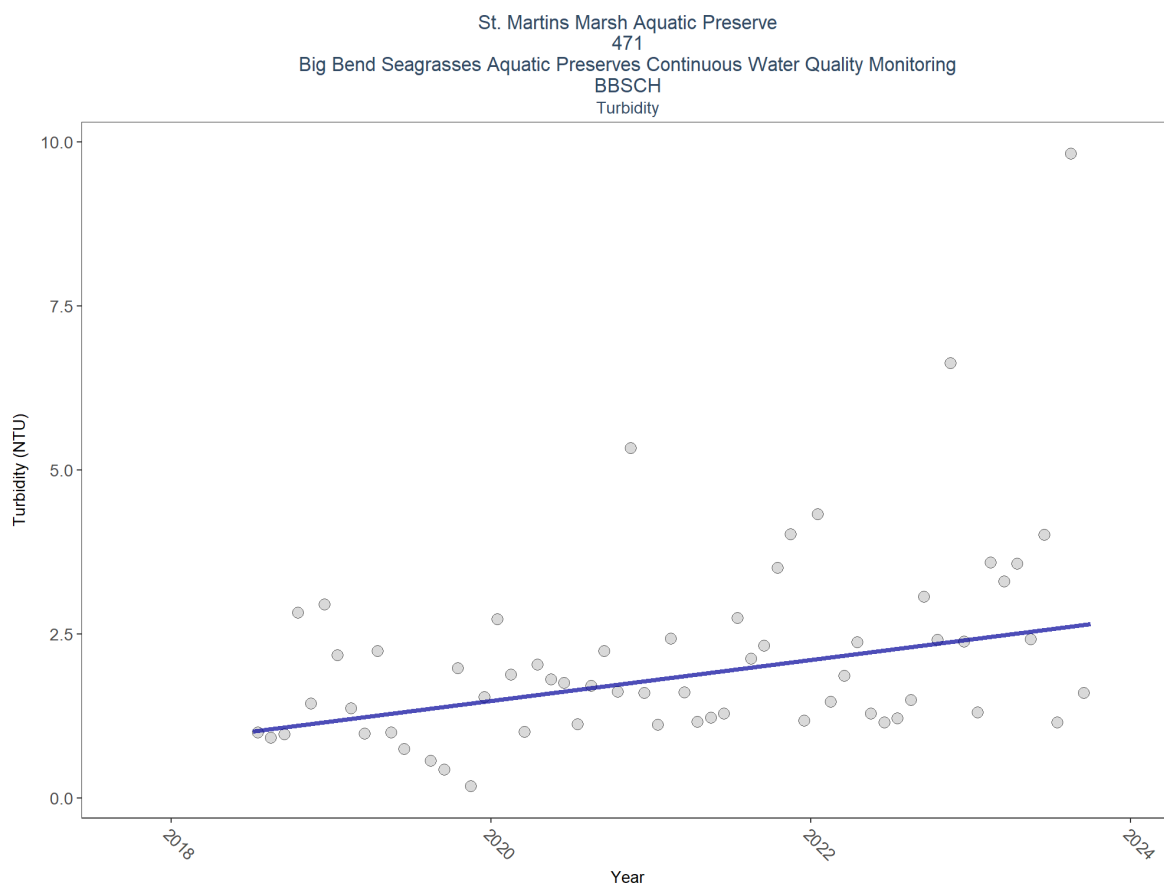
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	167089	6	24.9	TRUE	0.2984	0.0132	0.6843403	24.10905	11.5332	0.3997	1

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

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

# Turbidity

## BBSCH



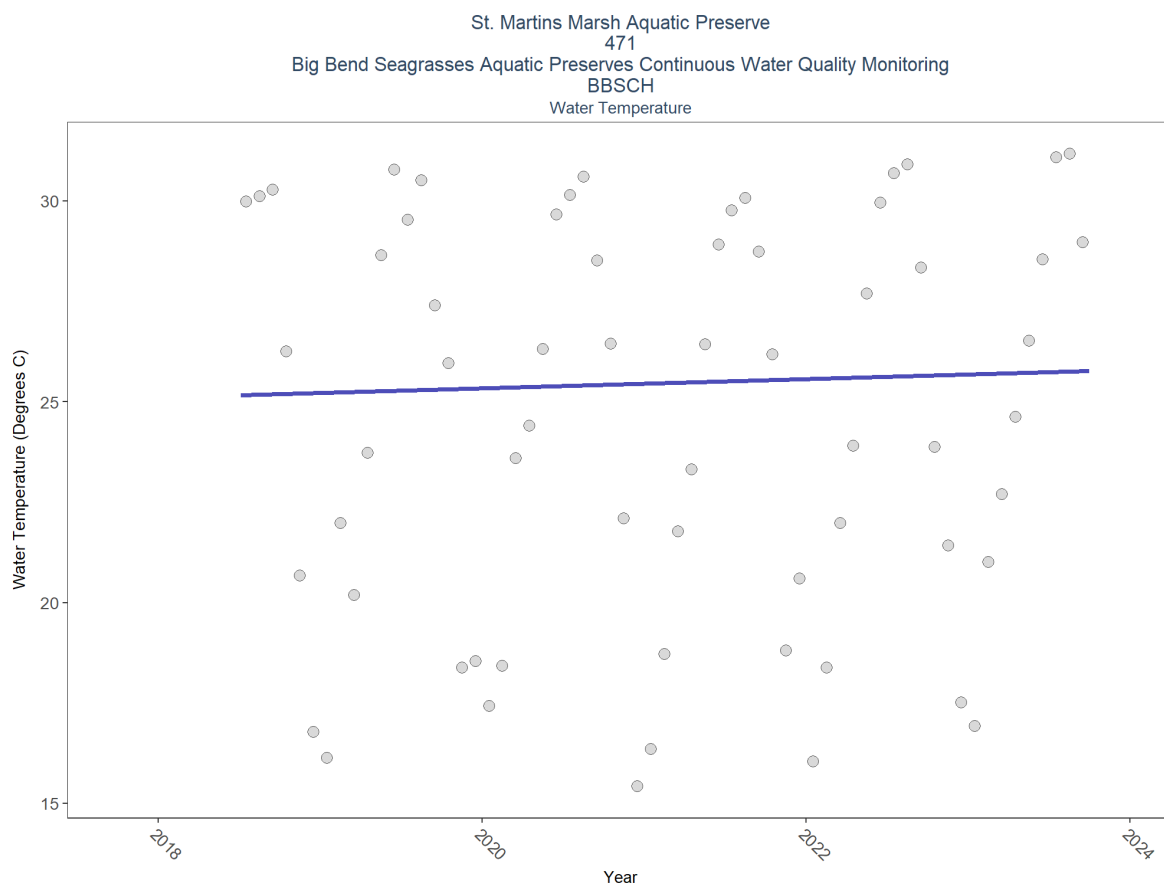
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	148785	6	1	TRUE	0.4097	0.0004	0.3133359	0.8490715	7.5521	0.7528	2

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

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

# Water Temperature

BBSCH



RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	169148	6	25.5	TRUE	0.1206	0.2403	0.1169537	25.09821	10.4512	0.4903	0

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

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