

# Terra Ceia Aquatic Preserve

## SEACAR Discrete Water Quality Analysis

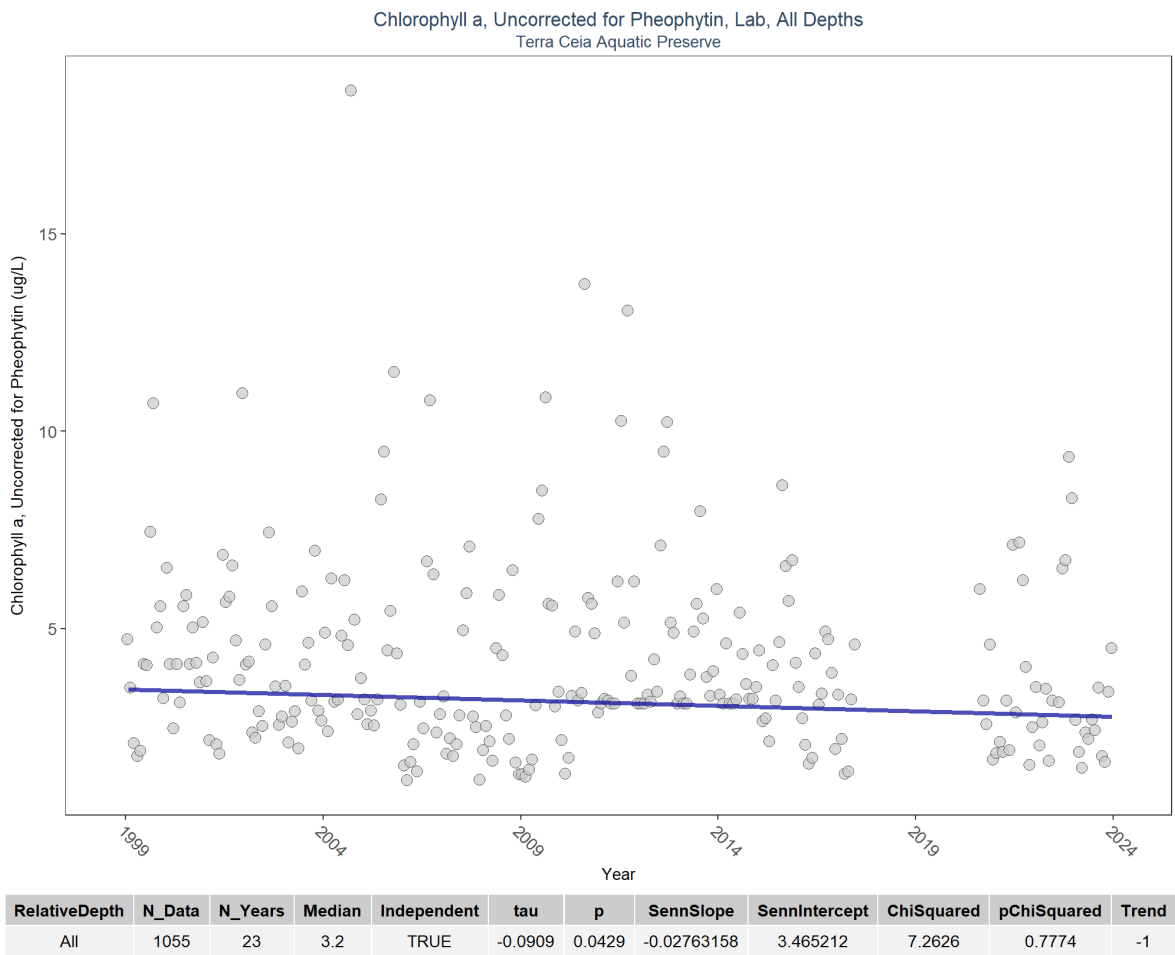
Last compiled on 26 June, 2024

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# Parameters

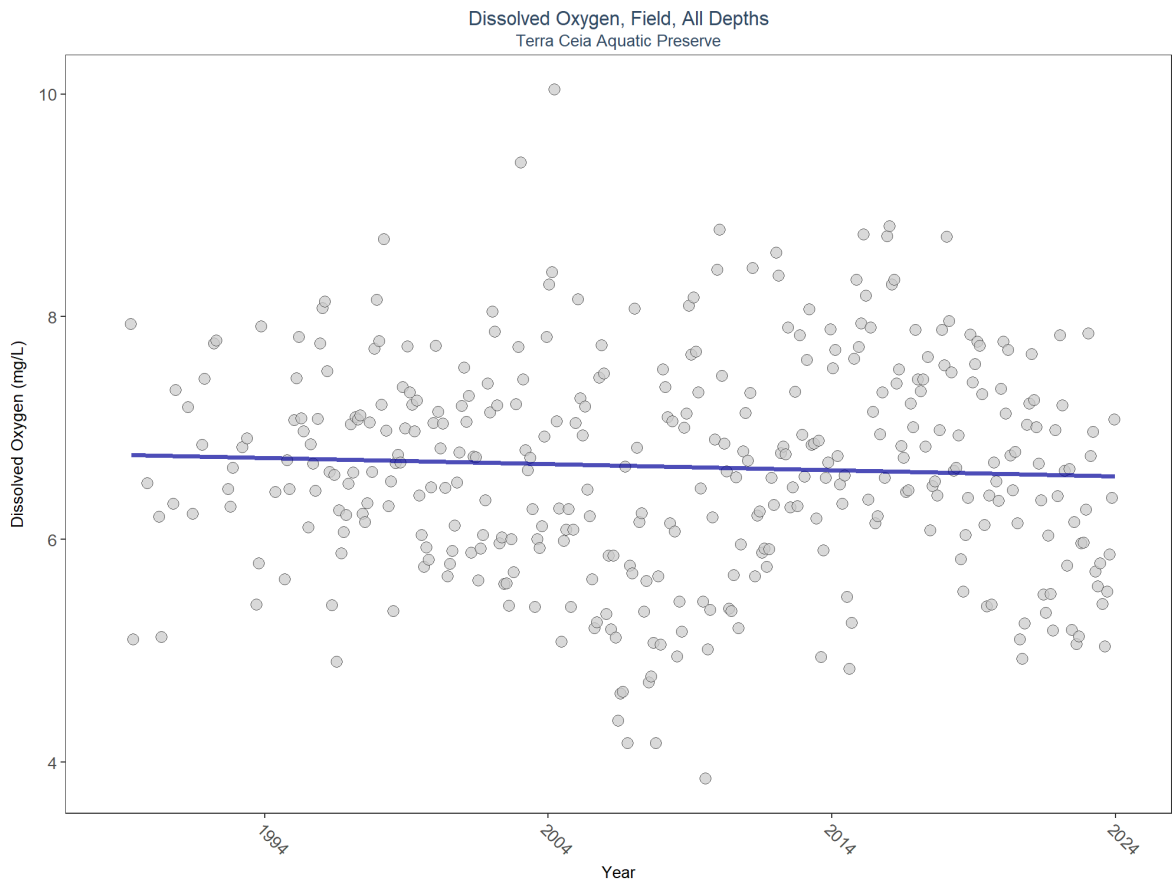
## Chlorophyll a, Uncorrected for Pheophytin



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

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

Dissolved Oxygen

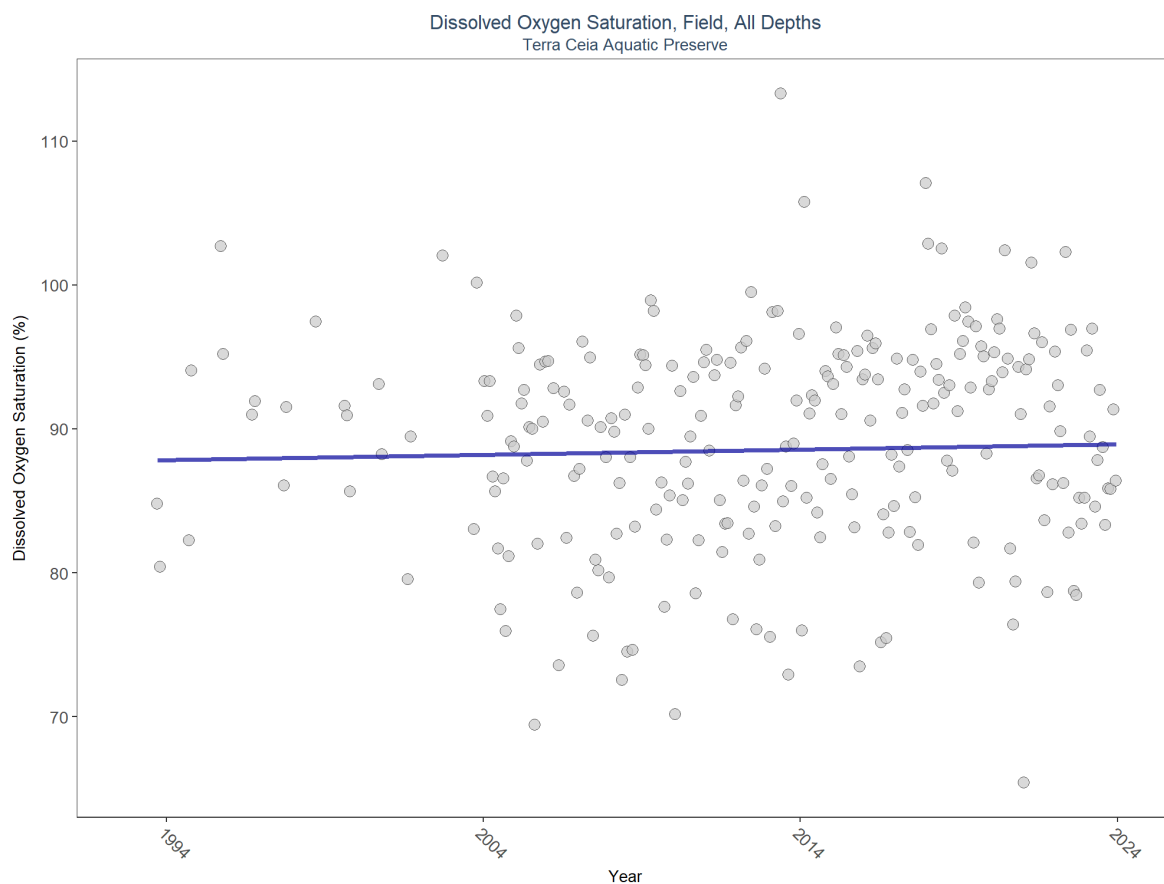


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	22972	35	6.56	TRUE	-0.0456	0.1951	-0.005397661	6.758205	9.8724	0.5419	0

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

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

# Dissolved Oxygen Saturation

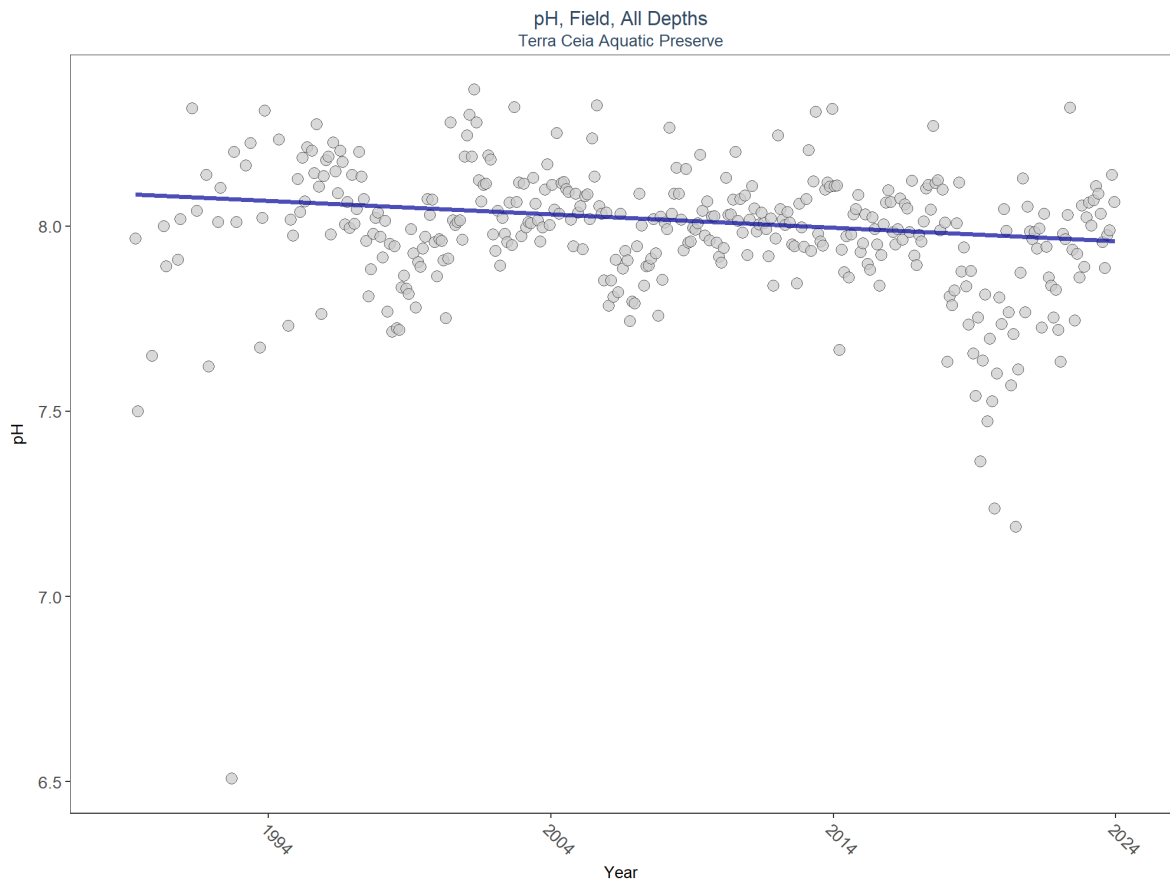


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	4823	31	89.9	TRUE	0.0491	0.6232	0.03688847	87.80998	15.2844	0.1698	0

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

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

pH

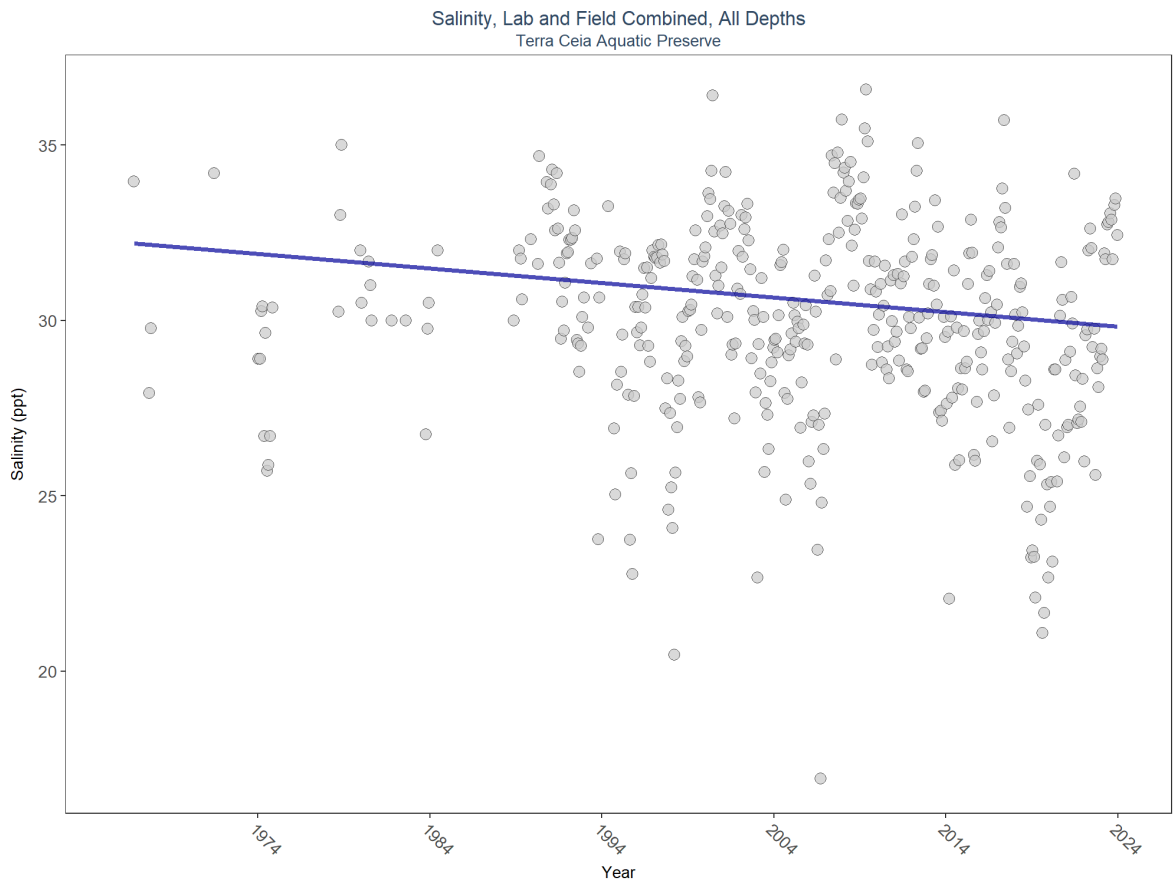


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	21229	35	8	TRUE	-0.1606	0.0000	-0.003596825	8.086078	8.6741	0.6519	-1

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

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

Salinity

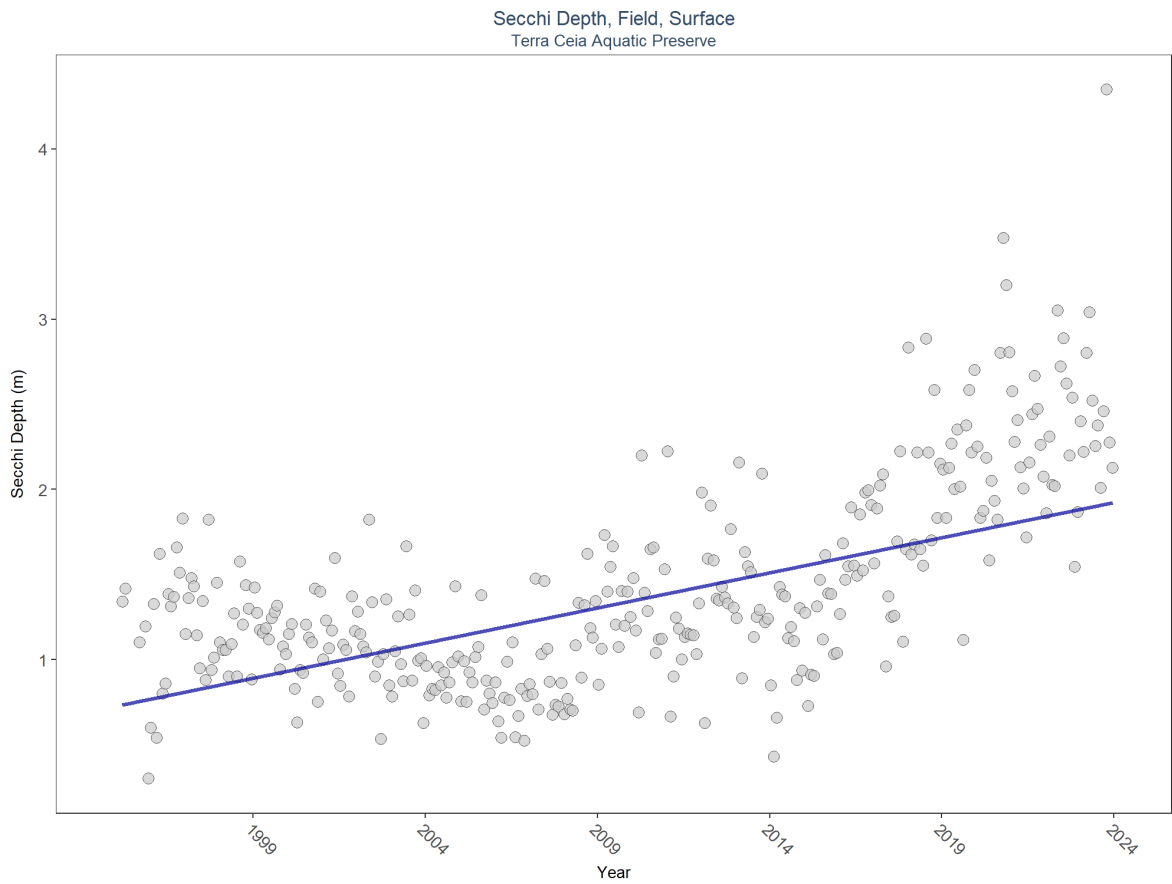


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	23241	47	30.6	TRUE	-0.1418	0.0000	-0.04153919	32.23097	6.7457	0.8193	-1

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

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

Secchi Depth

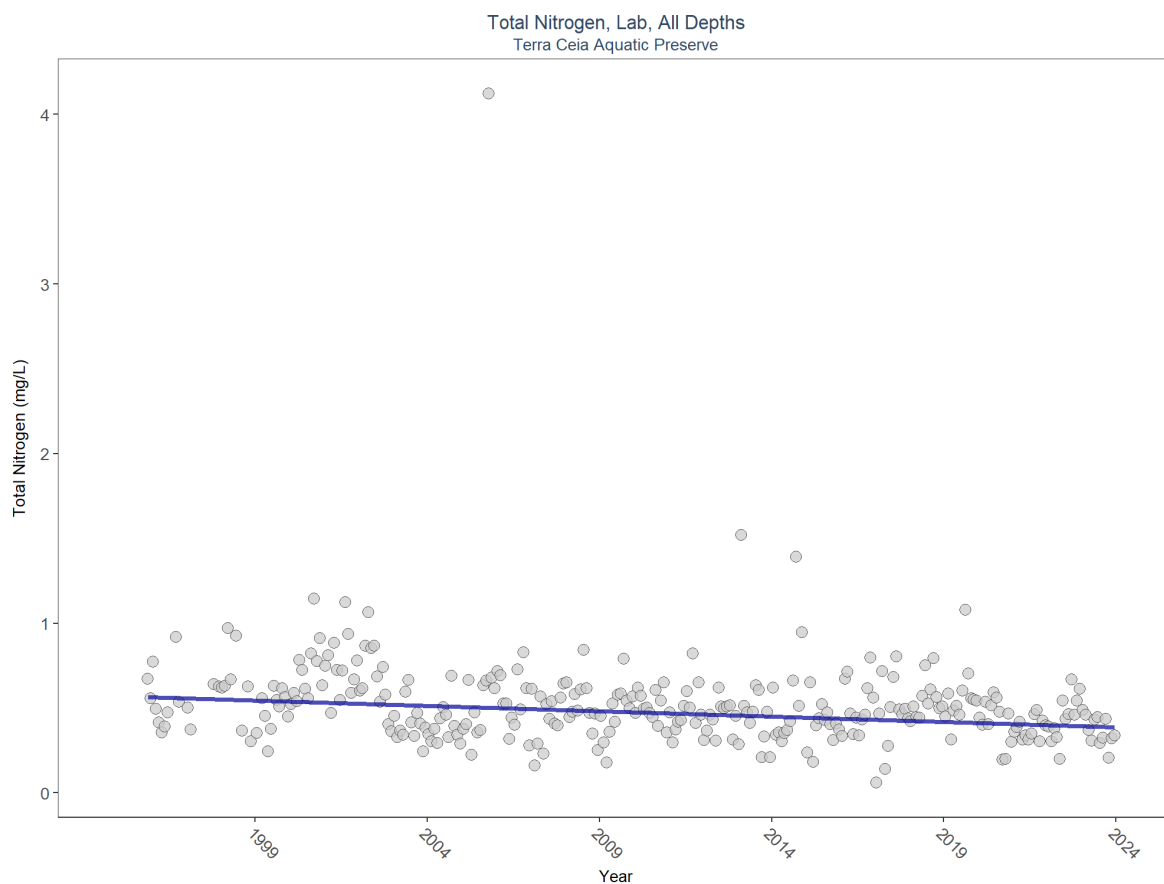


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
Surface	8443	29	1	TRUE	0.4233	0.0000	0.04121442	0.7279397	5.7857	0.8873	1

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

SennIntercept is intercept value at beginning of record for monitoring location

## Total Nitrogen



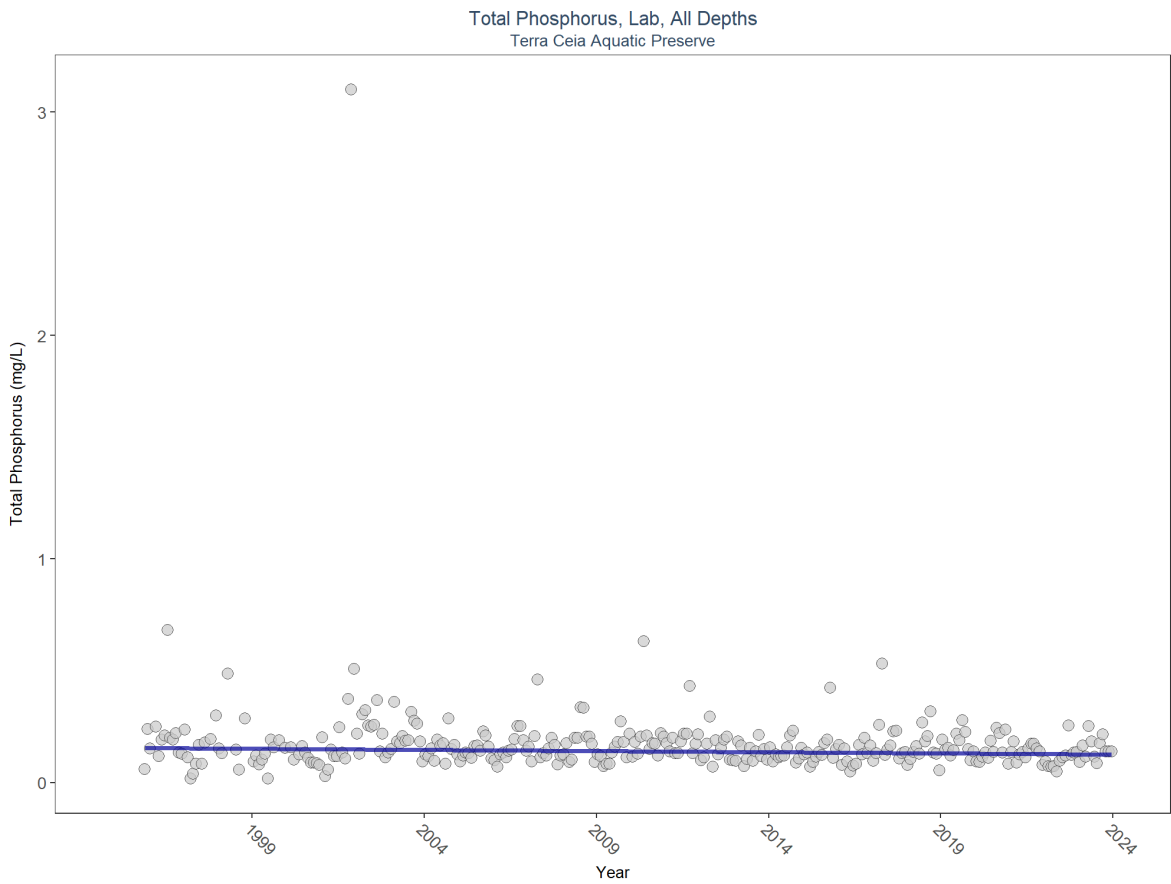
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	2268	29	0.384	TRUE	-0.2125	0.0000	-0.0063	0.5689091	5.9466	0.8769	-1

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

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



# Total Phosphorus

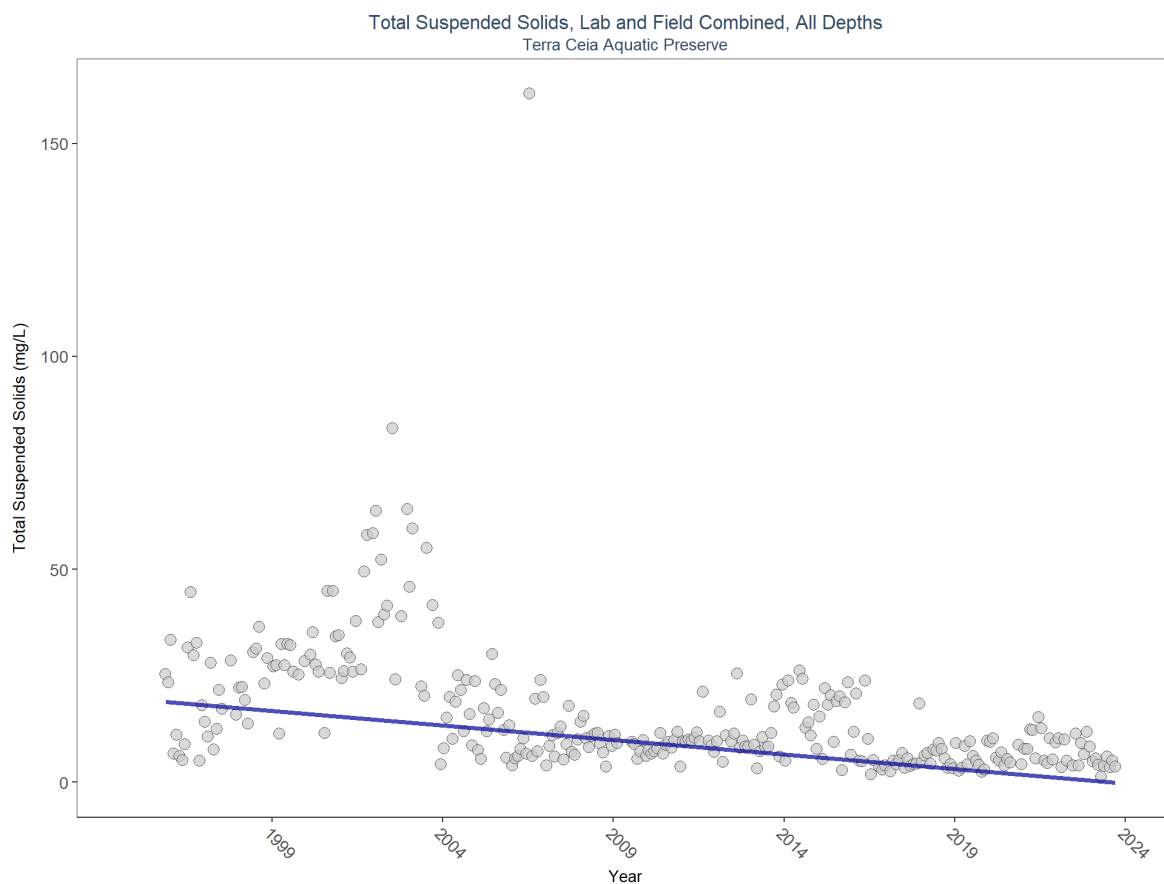


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	3087	29	0.11	TRUE	-0.1046	0.0066	-0.001045	0.1548667	15.5975	0.1567	-1

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

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

## Total Suspended Solids

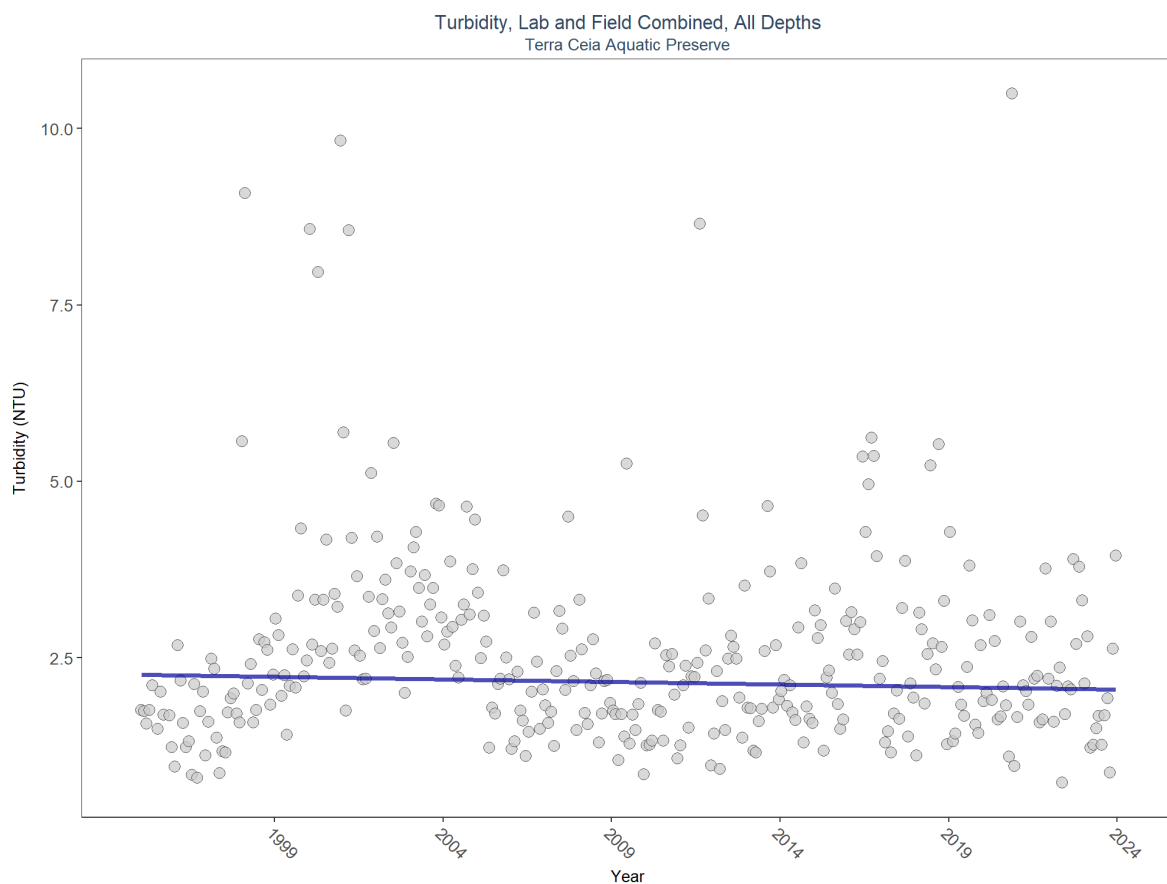


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	1662	29	10.8	TRUE	-0.4503	0.0000	-0.6862745	19.54531	5.8627	0.8824	-1

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

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

# Turbidity

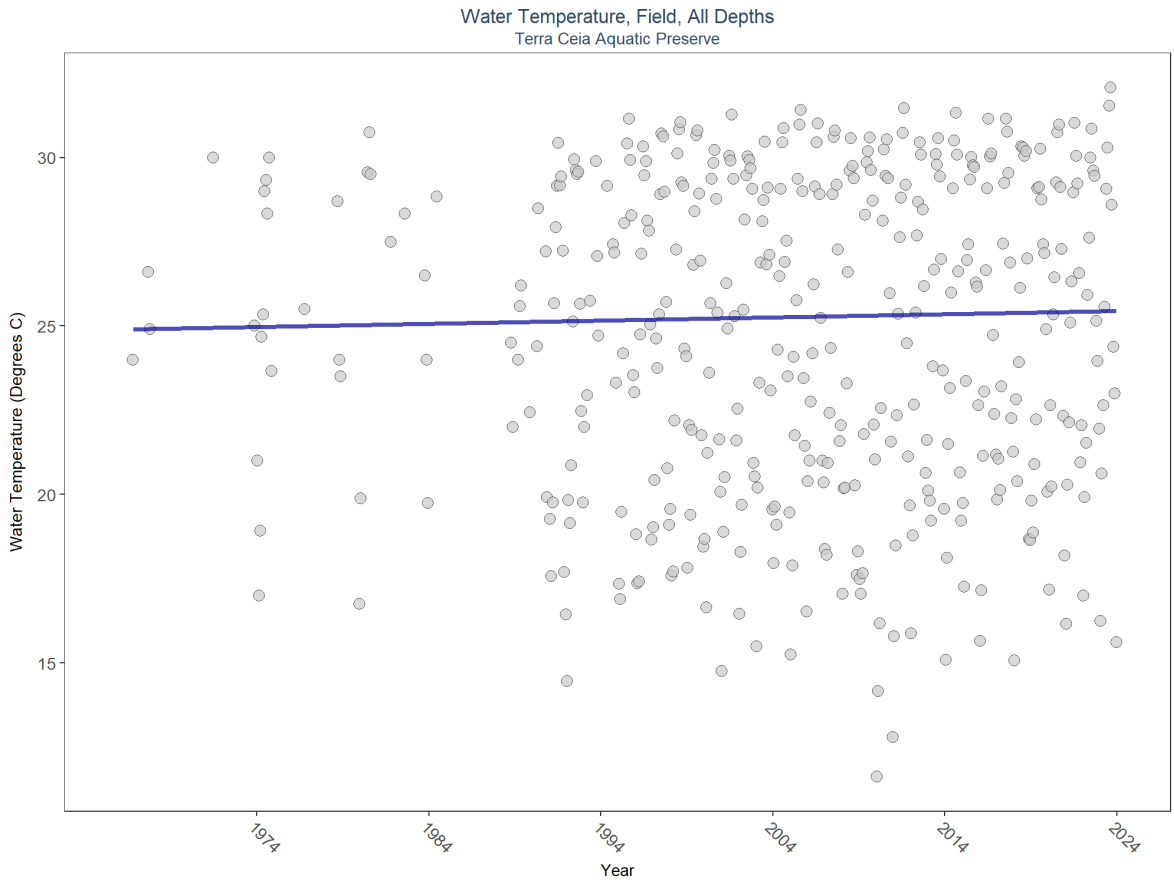


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	8044	29	1.8	TRUE	-0.0528	0.1739	-0.007126736	2.259508	14.921	0.1861	0

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

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

# Water Temperature



RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	24171	49	26.6	TRUE	0.0636	0.0889	0.009403226	24.89108	15.4387	0.1633	0

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

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