

# APPENDIX B



## Stream Water Quality Data And Charts



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Streams and Creeks that were sampled (or attempted to sample) during 2004

Stream or Creek	Sampling Site Name
Alafia North Prong	Alafia1N
Alafia South Prong	Alafia1S
Blackwater Creek	BlackWater Cr1
Gator Creek	Gator Creek1
Horse Creek	Horseshoe Cr1
Itchepackesassa Creek	Itchepack Cr1
Lena Run Creek	Lena Run Creek1
Lena Run Creek	Lena Run2
Lulu Run	Lulu Run1
Marion Creek	Marion Creek1
Peace Creek	P. C. Canal1
Peace Creek	P. C. Canal3
Peace Creek	P. C. Canal4
Peace Creek	P. C. Canal5
Peace Creek	P. C. Canal6
Peace Creek	P. C. Canal7
Peace Creek	P. C. Canal8
Peace Creek	P. C. Canal9
Peace Creek	P. C. Canal10
Peace River	Peace River1
Poley Creek	PoleyCrkN1
Poley Creek	PoleyCrkS1
Reedy Creek	Reedy Creek1
Saddle Creek Park Outfall	SaddleCrkPkOutfall
Saddle Creek	Saddle Creek1
Teneroc Outfall	Teneroc Outfall
Tiger Creek	Tiger Creek3
W Bowlegs Creek	W Bowlegs Crk
Withlachooshee River	Withlaco Rvr1

# Annual Stream Water Quality Data

**Sampling Site:** Alafia North Prong

**Sampling Site Location:** N Prong @ Nichols Bridge On Hwy 676

**City:** Nichols

**Drainage Basin:** Alafia River

**T-R:** -30-23

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):**

**Navigability:** NO / Canoe only

**Misc Information about this watersystem:**

**Drains To:** Tampa Bay

## Current year water quality information

**Year** 2004

**WQI:** 156.42

**Impaired Waterbody**

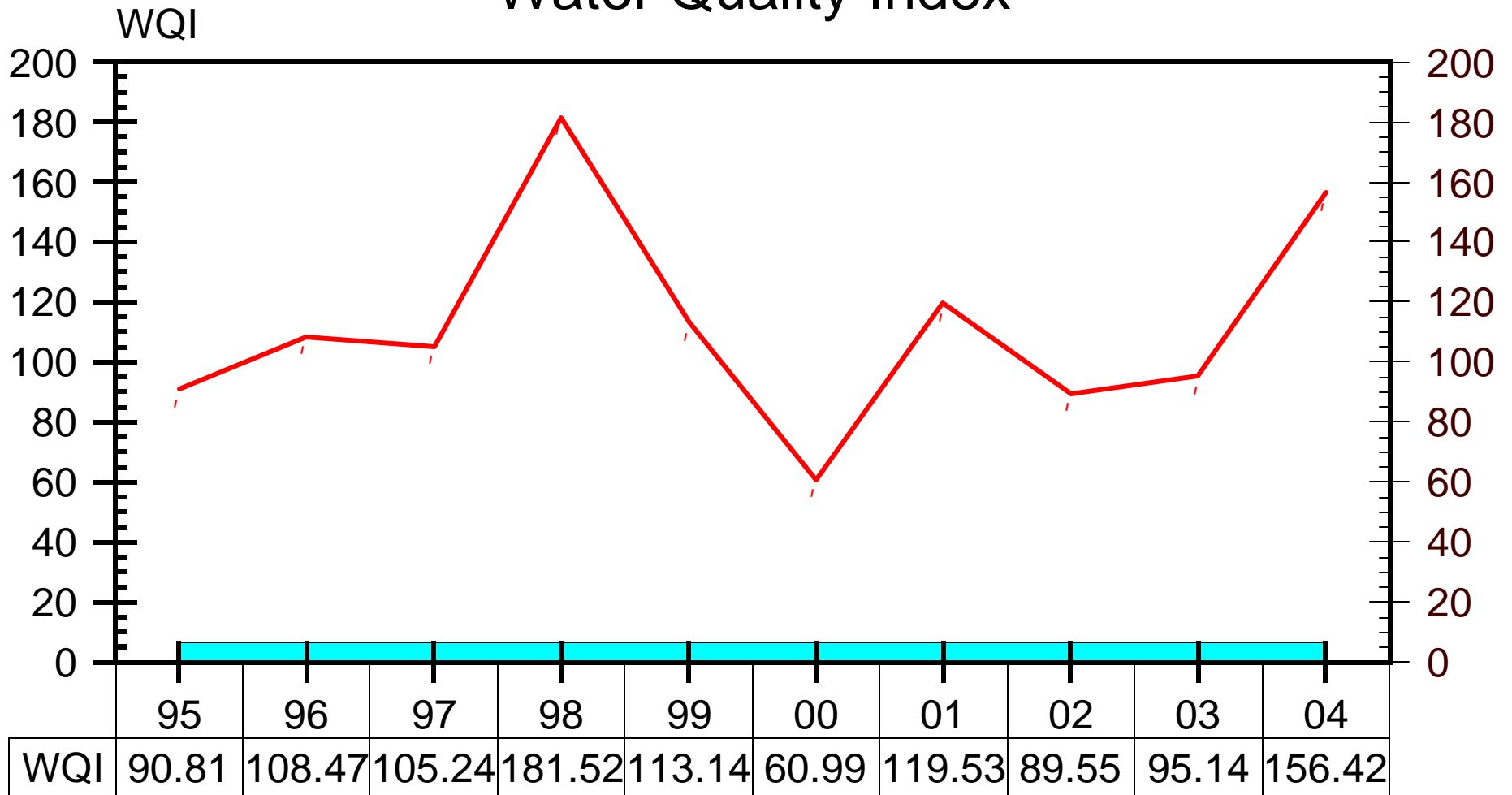
### Water Quality Statements:

Portions of the stream are impaired for dissolved oxygen.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	6.50	9.48	4.03
Chlorophyll a (Corrected) mg/m3	3.81	7.21	1.60
Color Pt-Co	75	124	50
Conductivity @ 25C umhos/cm	1065	2179	640
Dissolved Oxygen (DO) mg/l	4.54	5.99	3.03
Fecal Coliform (FC) CFU	183	240	120
Nitrogen ammonia (NH3) mg/l	9.569	37.800	0.034
Nitrogen Kjeldahl (TKN) mg/l	10.502	38.900	0.789
Nitrogen Nitrate+Nitrite (NOx) mg/l	1.295	4.450	0.141
Nitrogen Total (TN) mg/l	11.80	43.35	1.01
pH Std Unit	6.76	6.88	6.55
Phosphorus Total (TP) mg/l	3.741	4.879	3.096
Temperature Deg C	22.82	26.55	19.01
Total Coliform (TC) CFU	1490	2700	270
Turbidity NTU	9.13	13.00	7.10

# ALAFIA NORTH PRONG NICHOLS

## Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME : ALAFIA1N

# Annual Stream Water Quality Data

**Sampling Site:** Alafia South Prong

**Sampling Site Location:** S Prong Bridge On Sr37 S 9.3 miles S Of Hwy 60

**City:** Nichols

**Drainage Basin:** Alafia River

**T-R:** -30-23

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):**

**Navigability:** NO / Canoe only

**Misc Information about this watersystem:**

**Drains To:** Tampa Bay

## Current year water quality information

**Year** 2004

**WQI:** 41.53

**Impaired Waterbody**

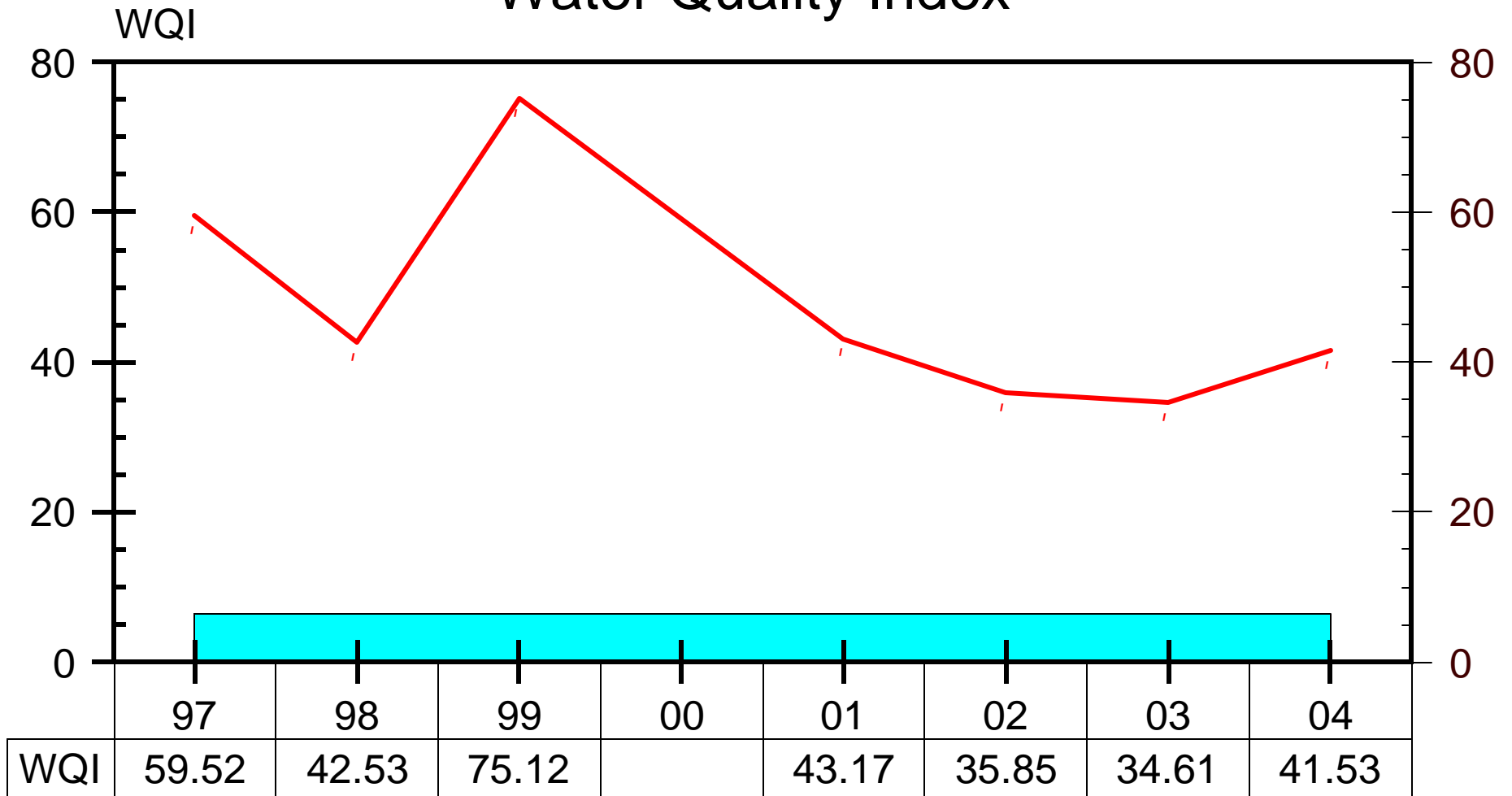
### Water Quality Statements:

Portions of the stream show impairment for dissolved oxygen and coliform bacteria.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	7.64	9.84	4.19
Chlorophyll a (Corrected) mg/m3	5.17	7.21	1.25
Color Pt-Co	64	75	50
Conductivity @ 25C umhos/cm	523	665	420
Dissolved Oxygen (DO) mg/l	2.50	3.62	1.40
Fecal Coliform (FC) CFU	90	200	9
Nitrogen ammonia (NH3) mg/l	0.150	0.206	0.052
Nitrogen Kjeldahl (TKN) mg/l	1.040	1.256	0.735
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.055	0.141	0.008
Nitrogen Total (TN) mg/l	1.09	1.30	0.76
pH Std Unit	7.12	7.29	6.98
Phosphorus Total (TP) mg/l	1.844	2.287	1.384
Temperature Deg C	23.60	26.86	20.87
Total Coliform (TC) CFU	2683	7100	210
Turbidity NTU	2.84	6.40	0.66

# ALAFIA SOUTH PRONG NORTH OF BREWSTER

## Water Quality Index



— WQI    ■ Baseline 6.5

STA NAME : ALAFIA2S

# Annual Stream Water Quality Data

**Sampling Site:** Gator Creek

**Sampling Site Location:** On N Moore Rd Off Old Polk City Rd

**City:** Lakeland

**Drainage Basin:** Withlacoochee River

**T-R:** -27-24

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):** 88,864

**Navigability:** NO

**Misc Information about this watersystem:**

**Drains To:** Green Swamp & Withlacoochee Rvr

## Current year water quality information

**Year** 2004

**WQI:** 13.16

**Impaired Waterbody**

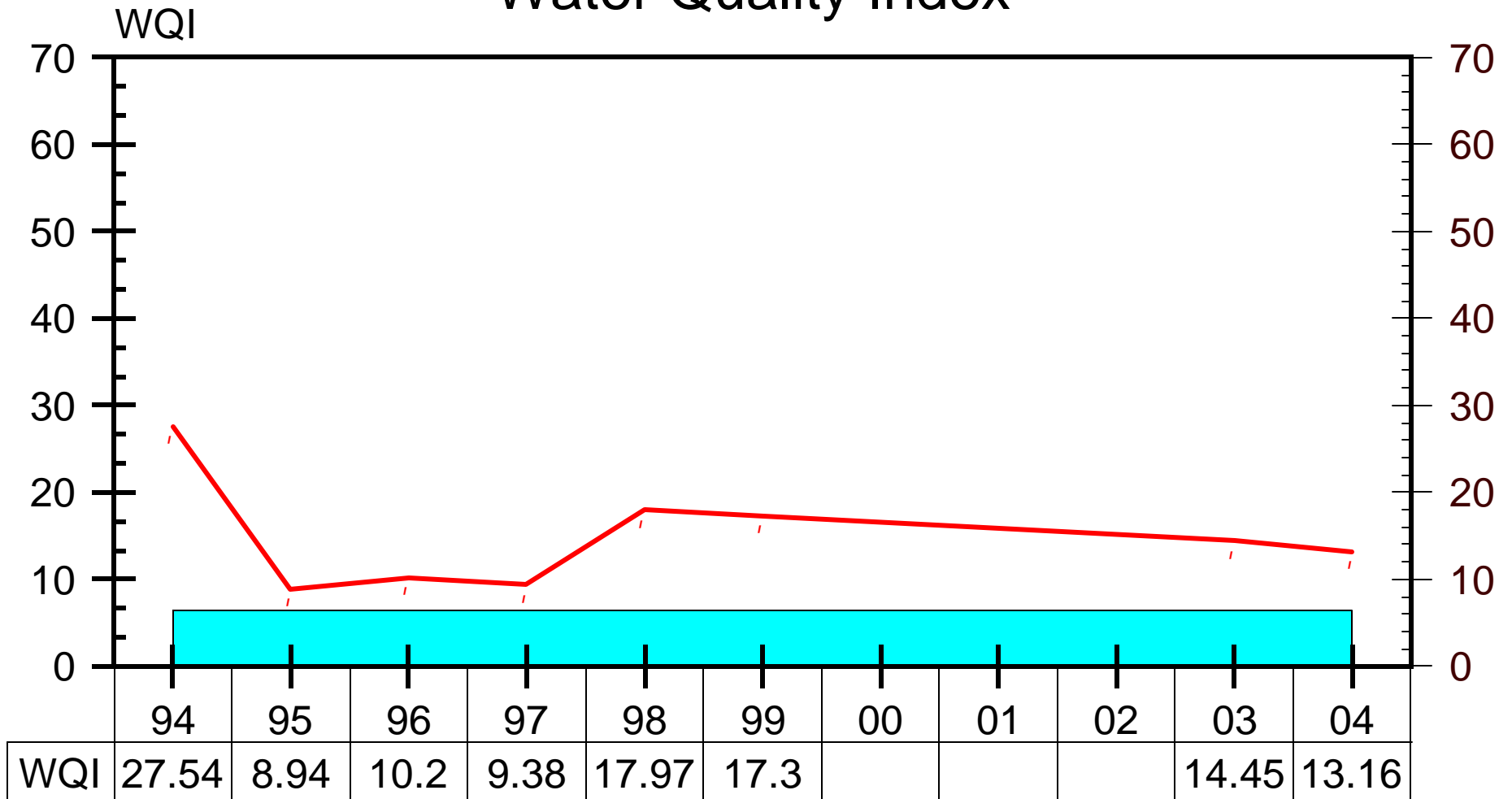
### Water Quality Statements:

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	12.16	12.16	12.16
Chlorophyll a (Corrected) mg/m3	12.07	12.07	12.07
Color Pt-Co	300	300	300
Conductivity @ 25C umhos/cm	94	94	94
Dissolved Oxygen (DO) mg/l	1.16	1.16	1.16
Fecal Coliform (FC) CFU	60	60	60
Nitrogen ammonia (NH3) mg/l	0.292	0.292	0.292
Nitrogen Kjeldahl (TKN) mg/l	2.134	2.134	2.134
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.008	0.008	0.008
Nitrogen Total (TN) mg/l	2.13	2.13	2.13
pH Std Unit	6.41	6.41	6.41
Phosphorus Total (TP) mg/l	0.183	0.183	0.183
Temperature Deg C	24.04	24.04	24.04
Total Coliform (TC) CFU	350	350	350
Turbidity NTU	2.2	2.2	2.2



# GATOR CREEK NORTH OF LAKELAND

## Water Quality Index



STA NAME : GATOR CREEK1

# Annual Stream Water Quality Data

**Sampling Site:** Horseshoe Creek

**Sampling Site Location:** Hwy 547 N at RR Trestle Davenport

**City:** Davenport

**Drainage Basin:** Peace River

**T-R:** -28-27

**Eco Region:** 75c - Central Florida Ridges and Uplands

**River Length in Polk County(Ft):**

**Navigability:** Possibly by canoe or jon boat

**Misc Information about this watersystem:**

**Drains To:** Lake Hatchineha

## Current year water quality information

**Year** 2004

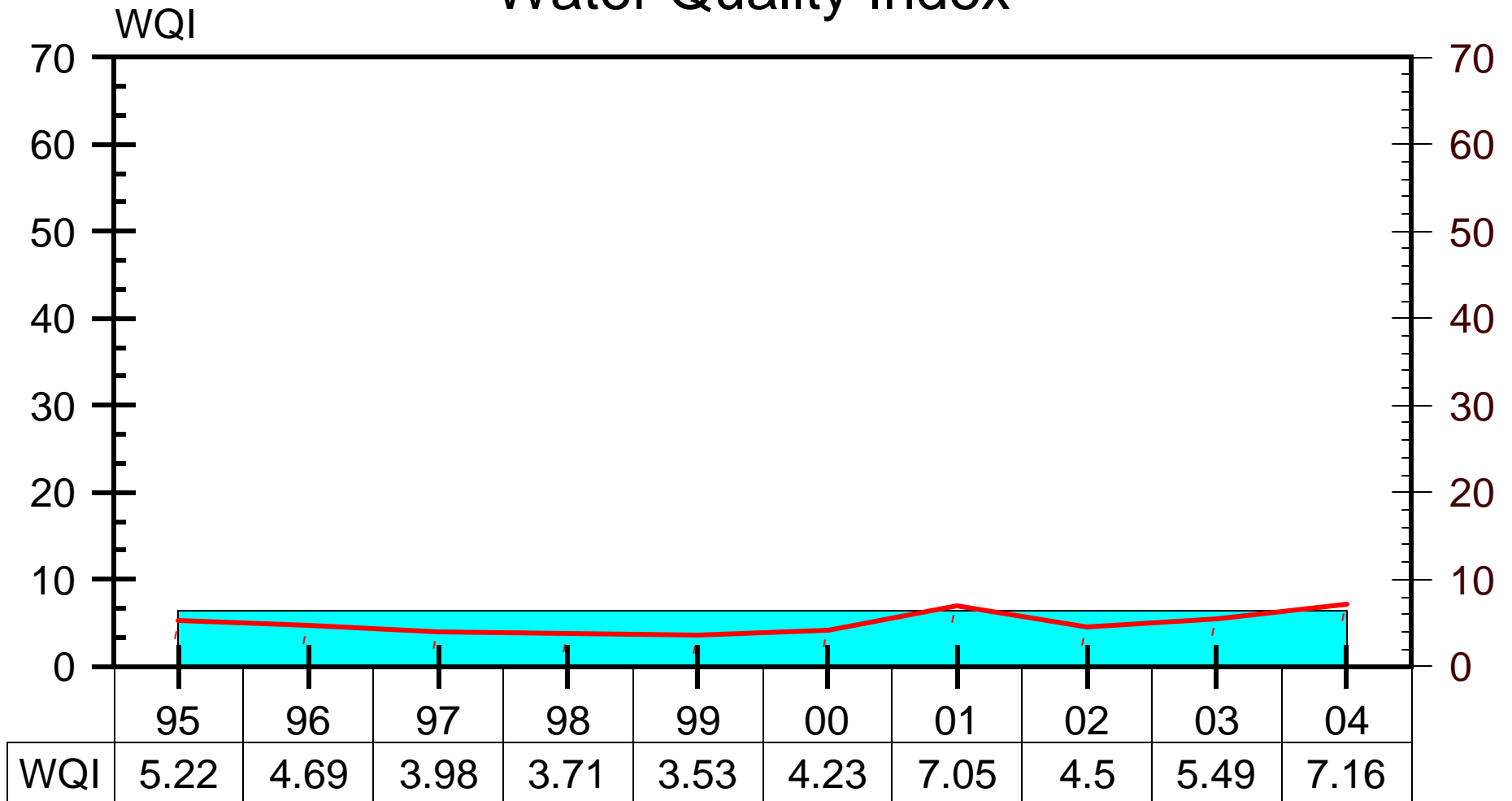
**WQI:** 7.16

**Impaired Waterbody**

### Water Quality Statements:

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	3.42	7.80	1.55
Chlorophyll a (Corrected) mg/m3	2.22	4.81	1.25
Color Pt-Co	256	430	75
Conductivity @ 25C umhos/cm	134	151	117
Dissolved Oxygen (DO) mg/l	2.32	4.29	0.14
Fecal Coliform (FC) CFU	5133	20000	50
Nitrogen ammonia (NH3) mg/l	0.100	0.257	0.008
Nitrogen Kjeldahl (TKN) mg/l	1.812	2.752	0.907
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.224	0.447	0.008
Nitrogen Total (TN) mg/l	2.03	2.75	1.26
pH Std Unit	6.69	7.30	6.26
Phosphorus Total (TP) mg/l	0.109	0.236	0.044
Temperature Deg C	22.47	26.94	17.43
Total Coliform (TC) CFU	17365	69000	40
Turbidity NTU	3.48	5.70	1.70

# HORSE CREEK DAVENPORT Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME : HORSESHOE CR2

# Annual Stream Water Quality Data

**Sampling Site:** Itchepackesassa Creek

**Sampling Site Location:** Bridge On Walker Rd S Of Hwy 582

**City:** Lakeland

**Drainage Basin:** Hillsborough River

**T-R:** -28-23

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):** 15,620

**Navigability:** NO

**Misc Information about this watersystem:**

**Drains To:** Wetlands to Hillsborough Rvr

## Current year water quality information

**Year** 2004

**WQI:** 15.42

**Impaired Waterbody**

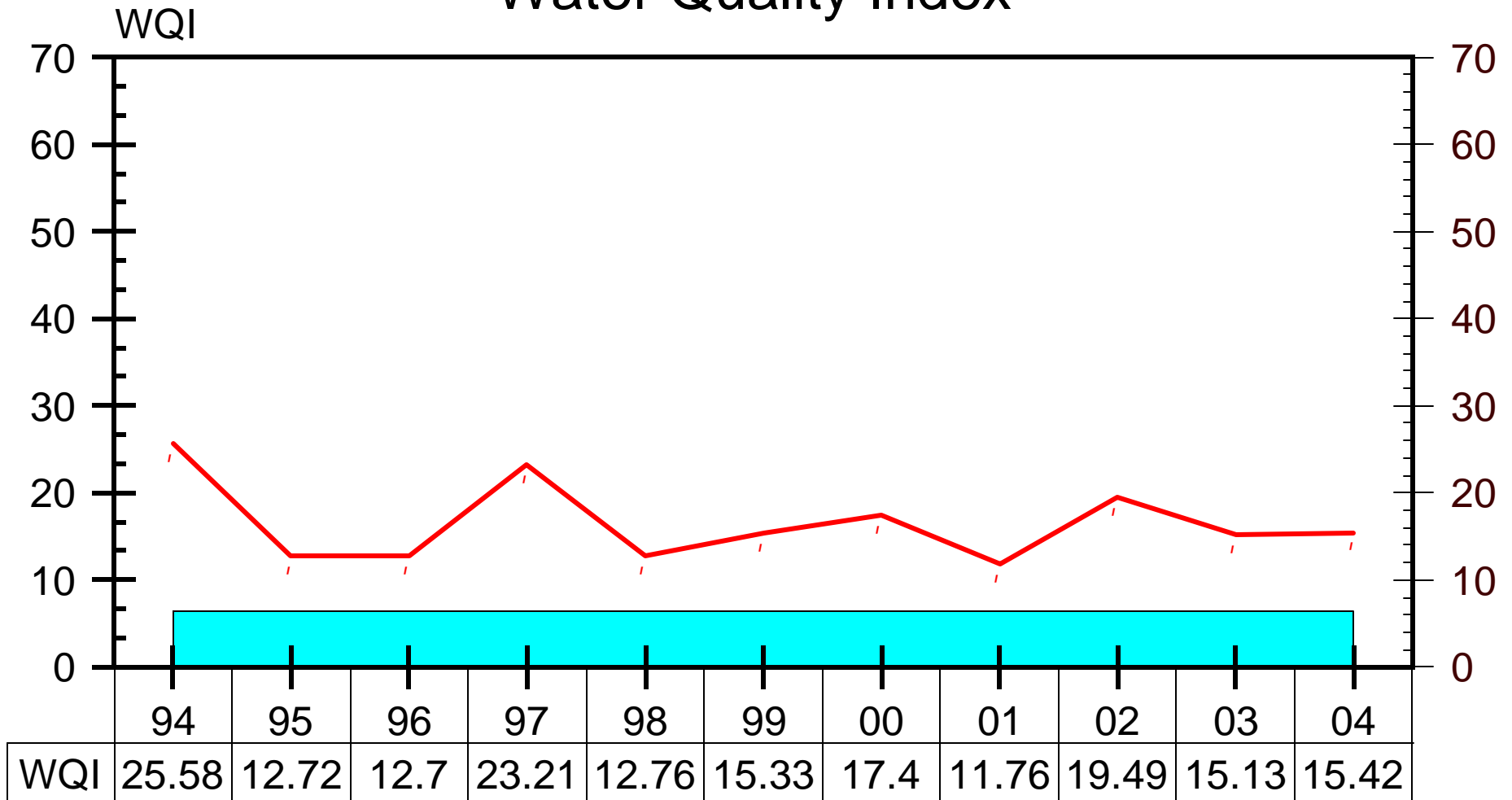
### Water Quality Statements:

Portions of the creek are impaired for total and fecal coliform as well as dissolved oxygen.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	12.52	18.30	6.73
Chlorophyll a (Corrected) mg/m3	9.75	13.89	5.61
Color Pt-Co	77	100	54
Conductivity @ 25C umhos/cm	238	250	226
Dissolved Oxygen (DO) mg/l	6.67	7.11	6.22
Fecal Coliform (FC) CFU	750	910	590
Nitrogen ammonia (NH3) mg/l	0.074	0.083	0.064
Nitrogen Kjeldahl (TKN) mg/l	1.246	1.293	1.198
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.557	0.720	0.393
Nitrogen Total (TN) mg/l	1.81	2.01	1.59
pH Std Unit	7.02	7.32	6.71
Phosphorus Total (TP) mg/l	0.584	0.624	0.543
Temperature Deg C	23.72	24.38	23.05
Total Coliform (TC) CFU	2725	3450	2000
Turbidity NTU	11.7	13.5	9.9

# ITCHEPACKESASSA CREEK NORTH OF LAKELAND

## Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME : ITCHEPACK CR1

# Annual Stream Water Quality Data

**Sampling Site:** Lena Run Creek 1

**Sampling Site Location:** N Side Of 655 On The W Side Of Fl Dist.

**City:** Auburndale

**Drainage Basin:** Peace River

**T-R:** -28-25

**Eco Region:** 75c - Central Florida Ridges and Uplands

**River Length in Polk County(Ft):** 38,343

**Navigability:** NO

**Misc Information about this watersystem:**

**Drains To:** Lake Hancock

## Current year water quality information

**Year** 2004

**WQI:** 5.49

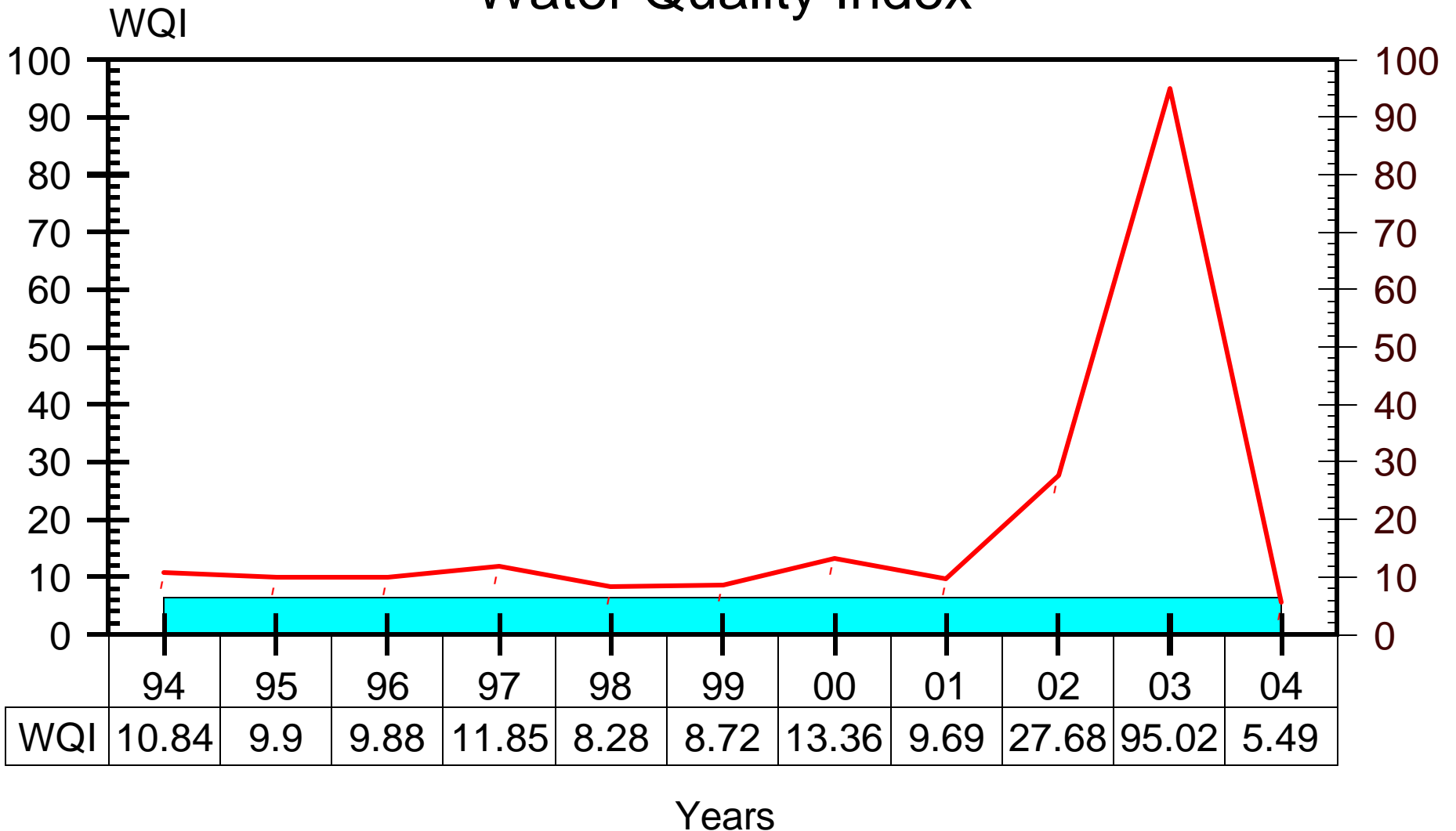
**Impaired Waterbody**

### Water Quality Statements:

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	9.88	9.88	9.88
Chlorophyll a (Corrected) mg/m3	6.41	6.41	6.41
Color Pt-Co	21	21	21
Conductivity @ 25C umhos/cm	229	229	229
Dissolved Oxygen (DO) mg/l	3.03	3.03	3.03
Fecal Coliform (FC) CFU	99	99	99
Nitrogen ammonia (NH3) mg/l	0.151	0.151	0.151
Nitrogen Kjeldahl (TKN) mg/l	1.110	1.110	1.110
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.211	0.211	0.211
Nitrogen Total (TN) mg/l	1.32	1.32	1.32
pH Std Unit	6.47	6.47	6.47
Phosphorus Total (TP) mg/l	0.053	0.053	0.053
Temperature Deg C	24.39	24.39	24.39
Total Coliform (TC) CFU	570	570	570
Turbidity NTU	2.4	2.4	2.4

# LENA RUN CREEK SOUTH OF AUBURNDALE

## Water Quality Index



— WQI    ■ Baseline 6.5

STA NAME : LENA RUN CREEK1

# Annual Stream Water Quality Data

**Sampling Site:** Lena Run Creek 2

**Sampling Site Location:** 1 Mile S Of 540 On E Side Of Thornhill

**City:** Auburndale

**Drainage Basin:** Peace River

**T-R:** -28-25

**Eco Region:** 75c - Central Florida Ridges and Uplands

**River Length in Polk County(Ft):** 38,343

**Navigability:** NO

**Misc Information about this watersystem:**

**Drains To:** Lake Hancock

## Current year water quality information

**Year** 2004

**WQI:** 8.78

**Impaired Waterbody**

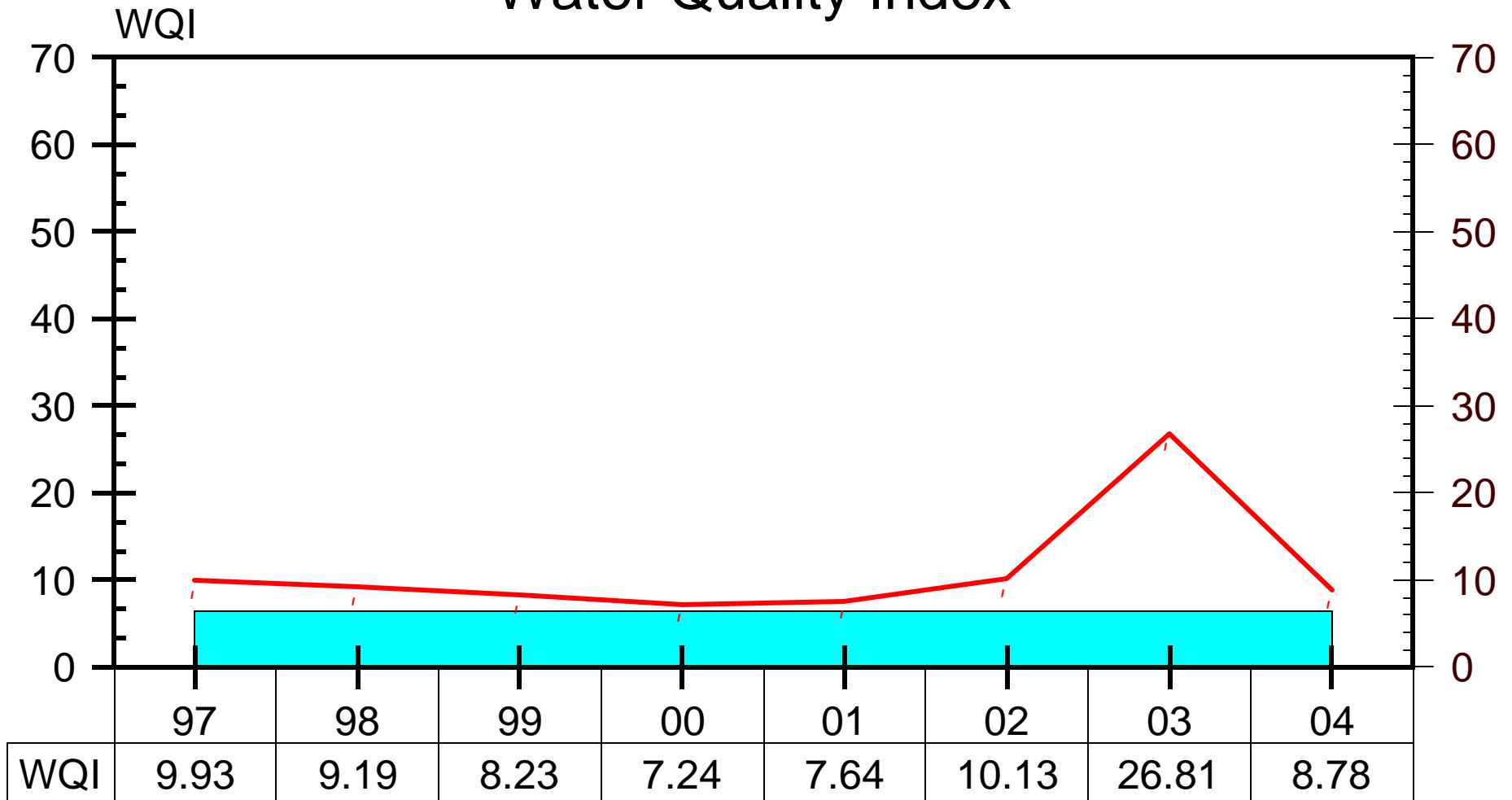
### Water Quality Statements:

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	6.32	10.44	2.19
Chlorophyll a (Corrected) mg/m3	3.81	5.61	2.00
Color Pt-Co	150	225	75
Conductivity @ 25C umhos/cm	249	282	215
Dissolved Oxygen (DO) mg/l	6.65	7.28	6.02
Fecal Coliform (FC) CFU	465	610	320
Nitrogen ammonia (NH3) mg/l	0.039	0.056	0.022
Nitrogen Kjeldahl (TKN) mg/l	1.065	1.568	0.561
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.215	0.61	0.069
Nitrogen Total (TN) mg/l	1.28	1.93	0.63
pH Std Unit	6.80	7.13	6.46
Phosphorus Total (TP) mg/l	0.310	0.327	0.292
Temperature Deg C	22.39	22.82	21.95
Total Coliform (TC) CFU	1000	1000	1000
Turbidity NTU	6.75	10.00	3.50



# LENA RUN CREEK WEST OF WINTER HAVEN

## Water Quality Index



STA NAME : LENA RUN2

# Annual Stream Water Quality Data

**Sampling Site:** Lulu Run

**Sampling Site Location:** S on 655; L on American Superior Blvd; R on Hoover Rd where lake discharges into Lulu Run

**City:** Winter Haven

**Drainage Basin:** Peace River

**T-R:** -29-26

**Eco Region:** 75c - Central Florida Ridges and Uplands

**River Length in Polk County(Ft):**

**Navigability:**

**Misc Information about this watersystem:**

**Drains To:** Peace River

## Current year water quality information

**Year** 2004

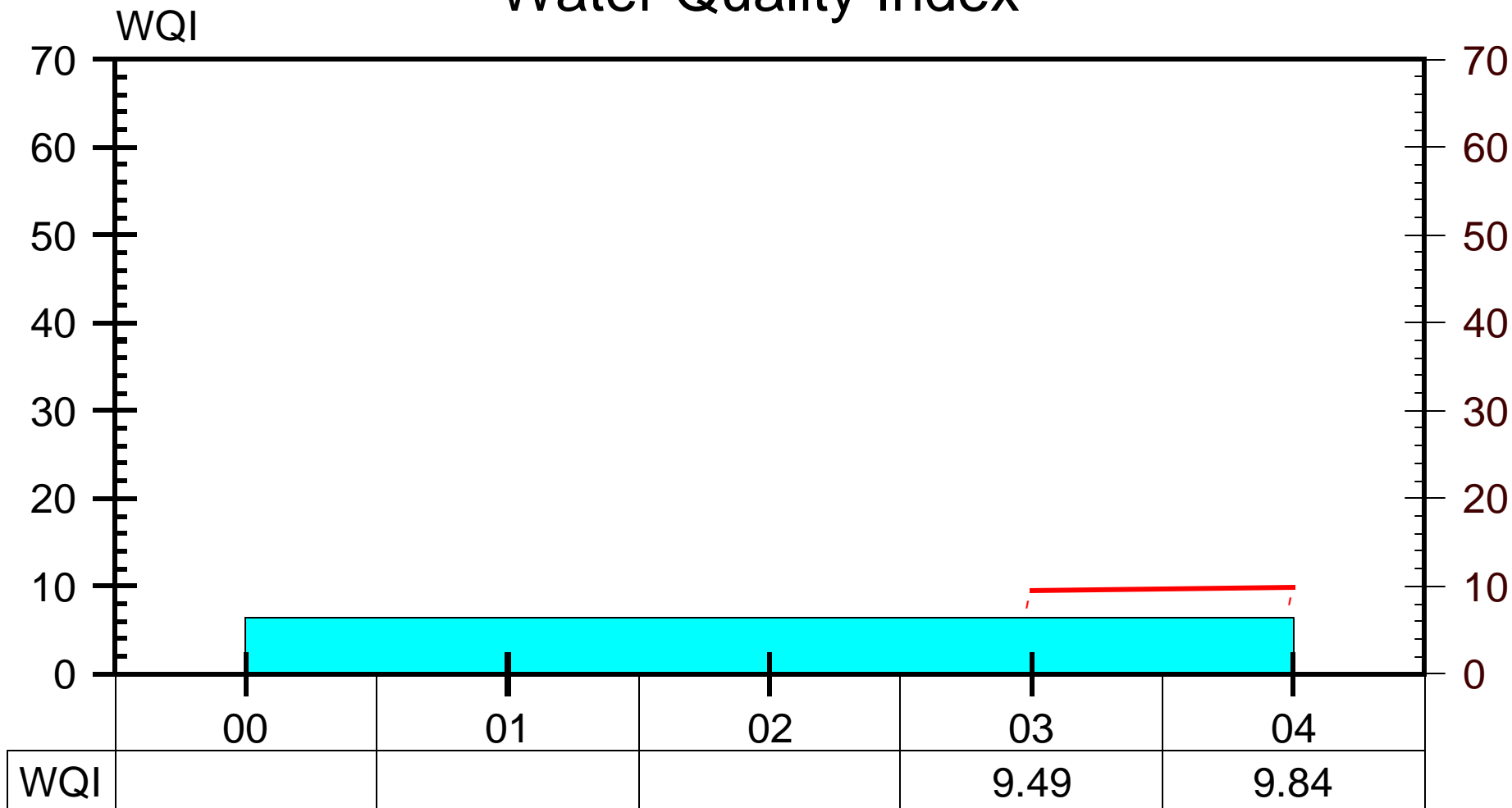
**WQI:** 9.84

**Impaired Waterbody**

### Water Quality Statements:

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	21.08	29.62	12.54
Chlorophyll a (Corrected) mg/m3	17.22	24.83	9.61
Color Pt-Co	80	125	34
Conductivity @ 25C umhos/cm	215	217	212
Dissolved Oxygen (DO) mg/l	2.90	4.43	1.36
Fecal Coliform (FC) CFU	86	100	72
Nitrogen ammonia (NH3) mg/l	0.365	0.664	0.066
Nitrogen Kjeldahl (TKN) mg/l	1.770	2.082	1.457
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.016	0.025	0.008
Nitrogen Total (TN) mg/l	1.79	2.11	1.46
pH Std Unit	6.74	6.99	6.48
Phosphorus Total (TP) mg/l	0.135	0.249	0.021
Temperature Deg C	23.20	26.14	20.26
Total Coliform (TC) CFU	1730	3300	160
Turbidity NTU	5.55	6.60	4.50

# LULU RUN WINTER HAVEN Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME : LULU RUN1

# Annual Stream Water Quality Data

**Sampling Site:** Marion Creek

**Sampling Site Location:** N Of 542 - Bridge On Poinciana Pkw

**City:** Poinciana

**Drainage Basin:** Kissimmee River

**T-R:** -28-28

**Eco Region:** 75d - Eastern Florida Flatwoods

**River Length in Polk County(Ft):**

**Navigability:** Possibly by canoe or jon boat

**Misc Information about this watersystem:**

**Drains To:** Lake Hatchineha

## Current year water quality information

**Year** 2004

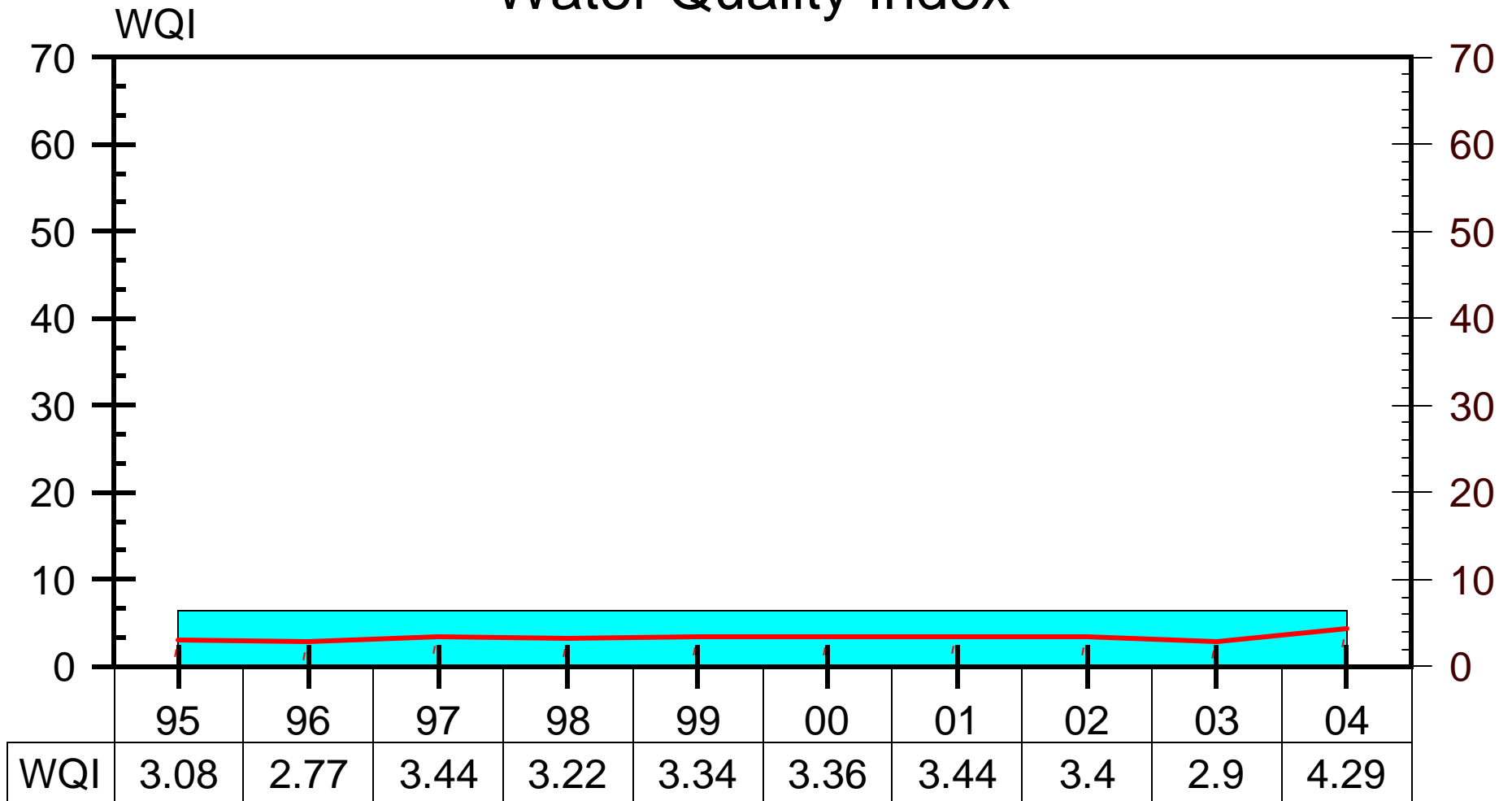
**WQI:** 4.29

**Impaired Waterbody**

### Water Quality Statements:

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	10.57	11.92	9.22
Chlorophyll a (Corrected) mg/m3	8.01	8.81	7.21
Color Pt-Co	133	165	100
Conductivity @ 25C umhos/cm	162	163	160
Dissolved Oxygen (DO) mg/l	7.51	8.53	6.48
Fecal Coliform (FC) CFU	465	720	210
Nitrogen ammonia (NH3) mg/l	0.024	0.032	0.015
Nitrogen Kjeldahl (TKN) mg/l	1.540	1.959	1.120
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.316	0.344	0.287
Nitrogen Total (TN) mg/l	1.86	2.25	1.46
pH Std Unit	6.73	6.80	6.65
Phosphorus Total (TP) mg/l	0.073	0.110	0.036
Temperature Deg C	18.83	25.05	12.60
Total Coliform (TC) CFU	4375	8400	350
Turbidity NTU	4.15	4.60	3.70

# MARION CREEK POINCIANA Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME : MARION CREEK1

# Annual Stream Water Quality Data

**Sampling Site:** Peace Creek1

**Sampling Site Location:** 3/10 Mile W Off Hwy 27S On SR 542

**City:** Wahneta

**Drainage Basin:** Peace River

**T-R:** -29-25

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):** 116,857

**Navigability:** NO

**Misc Information about this watersystem:**

**Drains To:** Peace River

## Current year water quality information

**Year** 2004

**WQI:** 7.48

**Impaired Waterbody**

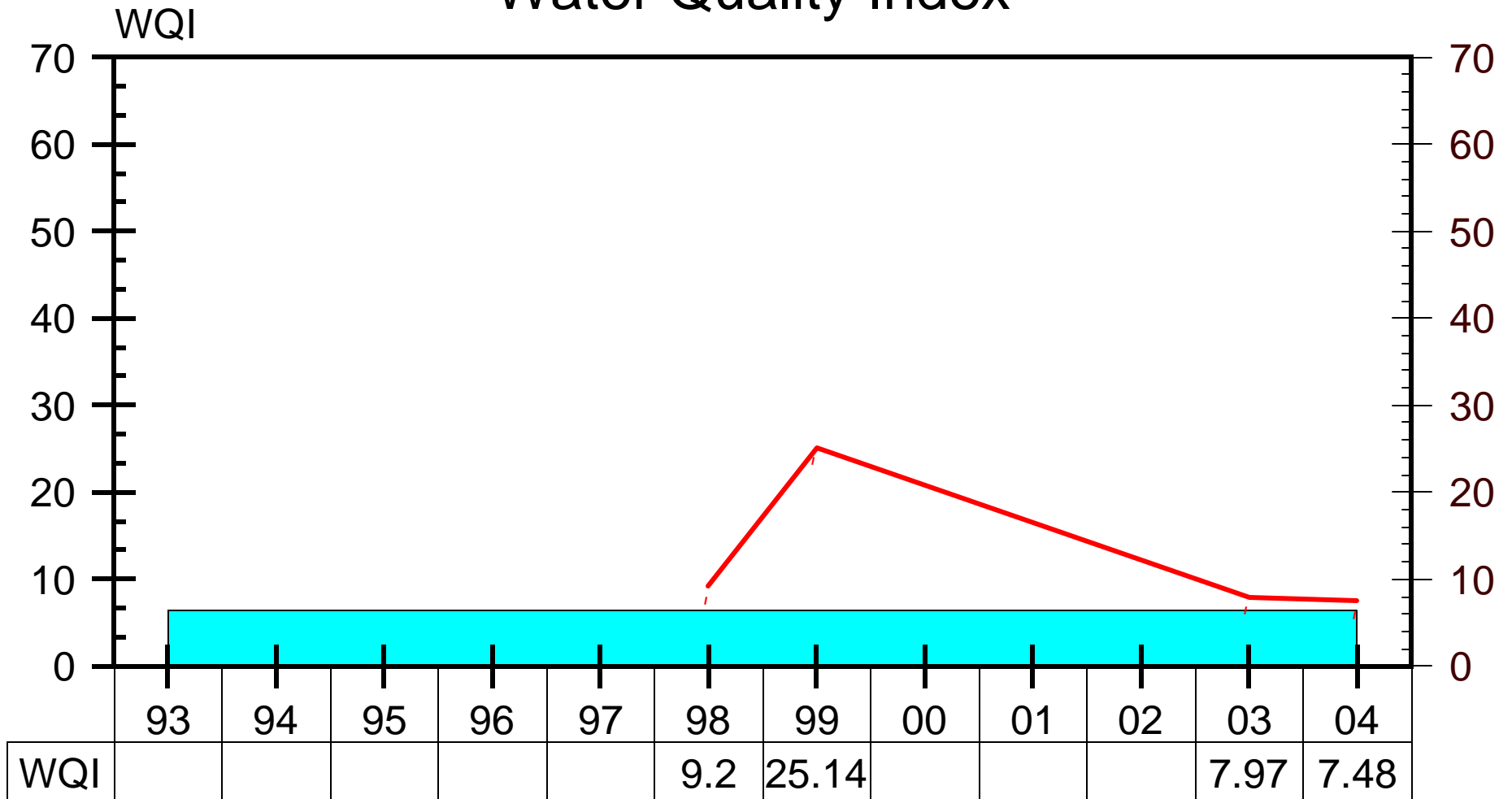
### Water Quality Statements:

Portions of the creek are impaired for nutrients and dissolved oxygen.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	8.05	13.27	4.07
Chlorophyll a (Corrected) mg/m3	5.02	10.25	2.40
Color Pt-Co	368	500	180
Conductivity @ 25C umhos/cm	190	201	183
Dissolved Oxygen (DO) mg/l	4.47	6.56	1.38
Fecal Coliform (FC) CFU	1237	3400	110
Nitrogen ammonia (NH3) mg/l	0.112	0.157	0.073
Nitrogen Kjeldahl (TKN) mg/l	2.185	2.764	1.355
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.090	0.209	0.030
Nitrogen Total (TN) mg/l	2.28	2.97	1.39
pH Std Unit	6.62	6.79	6.53
Phosphorus Total (TP) mg/l	0.152	0.186	0.127
Temperature Deg C	19.79	25.27	16.65
Total Coliform (TC) CFU	8603	25000	300
Turbidity NTU	9.7	16.4	4.9

# PEACE CREEK DRAINAGE CANAL DUNDEE

## Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME : P.C. CANAL1

# Annual Stream Water Quality Data

**Sampling Site:** Peace Creek4

**Sampling Site Location:** Alturas Rd Cutoff +520 Yds S Of RR W

**City:** Wahneta

**Drainage Basin:** Peace River

**T-R:** -29-25

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):** 116,857

**Navigability:** NO

**Misc Information about this watersystem:**

**Drains To:** Peace River

## Current year water quality information

**Year** 2004

**WQI:** 7.15

**Impaired Waterbody**

### Water Quality Statements:

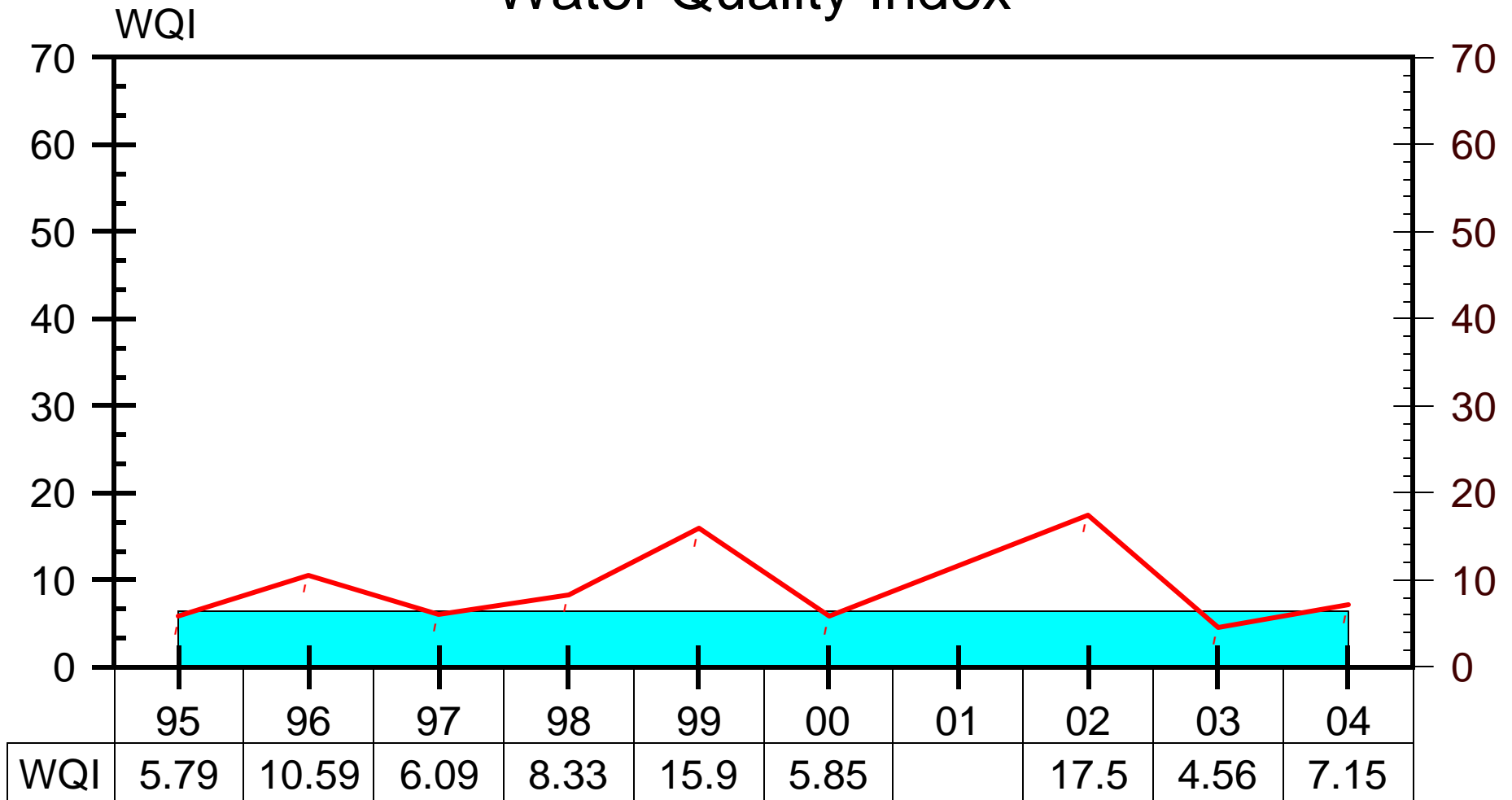
Portions of the creek are impaired for nutrients and dissolved oxygen.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	8.77	8.77	8.77
Chlorophyll a (Corrected) mg/m3	7.21	7.21	7.21
Color Pt-Co	290	290	290
Conductivity @ 25C umhos/cm	81	81	81
Dissolved Oxygen (DO) mg/l	1.64	1.64	1.64
Fecal Coliform (FC) CFU	820	820	820
Nitrogen ammonia (NH3) mg/l	0.081	0.081	0.081
Nitrogen Kjeldahl (TKN) mg/l	1.662	1.662	1.662
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.008	0.008	0.008
Nitrogen Total (TN) mg/l	1.66	1.66	1.66
pH Std Unit	6.5	6.5	6.5
Phosphorus Total (TP) mg/l	0.056	0.056	0.056
Temperature Deg C	24.46	24.46	24.46
Total Coliform (TC) CFU	330	330	330
Turbidity NTU	6	6	6



# PEACE CREEK DRAINAGE CANAL WEST OF LAKE WALES

## Water Quality Index



Years

— WQI    Baseline 6.5

STA NAME : P.C. CANAL4

# Annual Stream Water Quality Data

**Sampling Site:** Peace Creek5

**Sampling Site Location:** Bridge @ Hwy 60 W 2/10 Mile W Of RR

**City:** Wahneta

**Drainage Basin:** Peace River

**T-R:** -29-25

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):** 116,857

**Navigability:** NO

**Misc Information about this watersystem:**

**Drains To:** Peace River

## Current year water quality information

**Year** 2004

**WQI:** 9.23

**Impaired Waterbody**

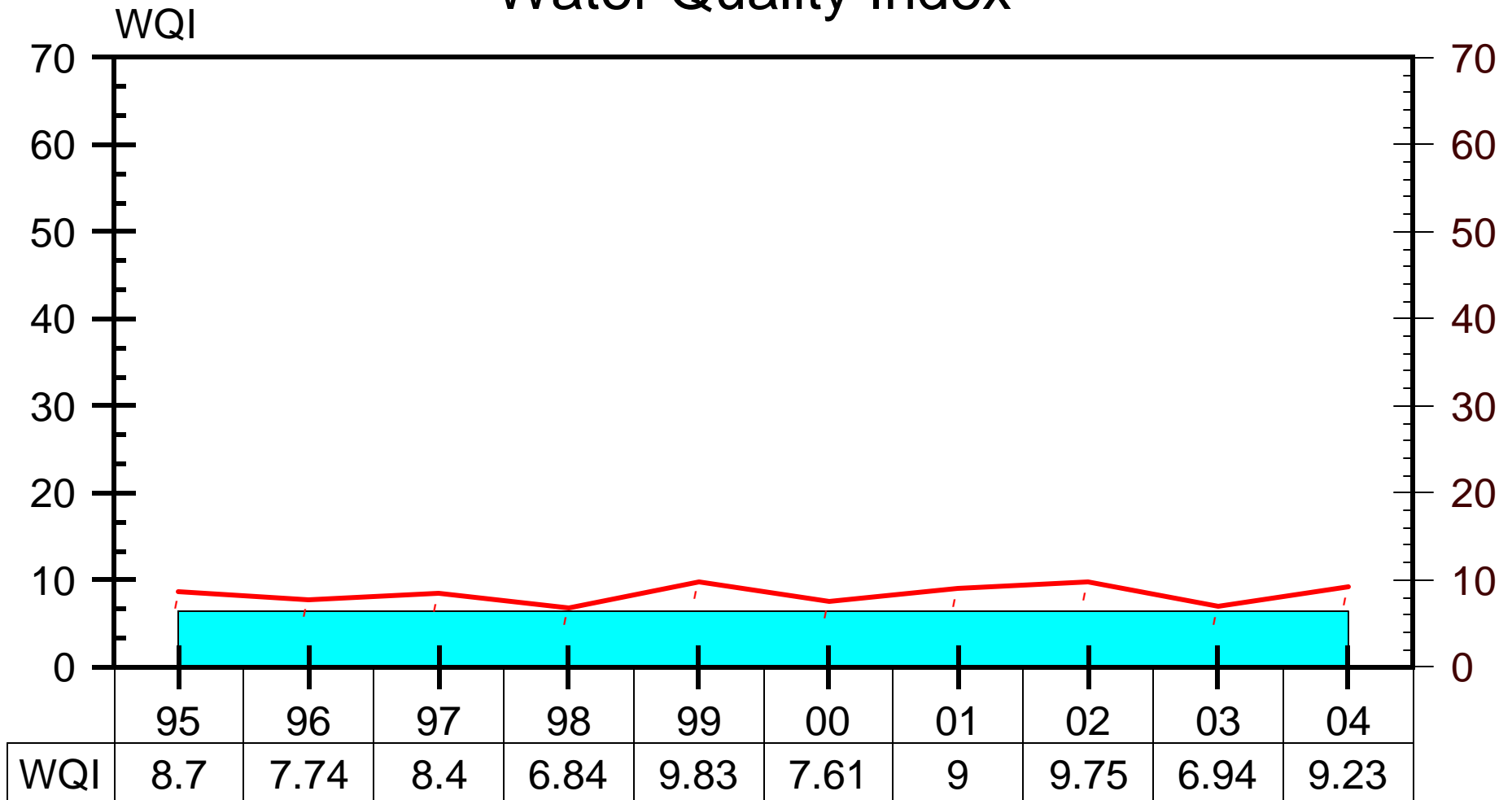
### Water Quality Statements:

Portions of the creek are impaired for nutrients and dissolved oxygen.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	13.00	27.32	5.71
Chlorophyll a (Corrected) mg/m3	9.81	22.43	4.81
Color Pt-Co	255	470	110
Conductivity @ 25C umhos/cm	277	373	163
Dissolved Oxygen (DO) mg/l	4.52	6.71	1.43
Fecal Coliform (FC) CFU	348	570	70
Nitrogen ammonia (NH3) mg/l	0.138	0.172	0.110
Nitrogen Kjeldahl (TKN) mg/l	1.874	2.016	1.620
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.569	1.049	0.008
Nitrogen Total (TN) mg/l	2.44	2.92	1.99
pH Std Unit	6.58	6.94	6.40
Phosphorus Total (TP) mg/l	0.215	0.273	0.122
Temperature Deg C	22.08	25.72	17.99
Total Coliform (TC) CFU	3240	6500	160
Turbidity NTU	8.88	16.50	4.80

# PEACE CREEK DRAINAGE CANAL WEST OF LAKE WALES

## Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME : P.C. CANAL5

# Annual Stream Water Quality Data

**Sampling Site:** Peace Creek6

**Sampling Site Location:** 19th St W Of Hwy 655 3/10 Mile Dirt Rd

**City:** Wahneta

**Drainage Basin:** Peace River

**T-R:** -29-25

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):** 116,857

**Navigability:** NO

**Misc Information about this watersystem:**

**Drains To:** Peace River

## Current year water quality information

**Year** 2004

**WQI:** 5.37

**Impaired Waterbody**

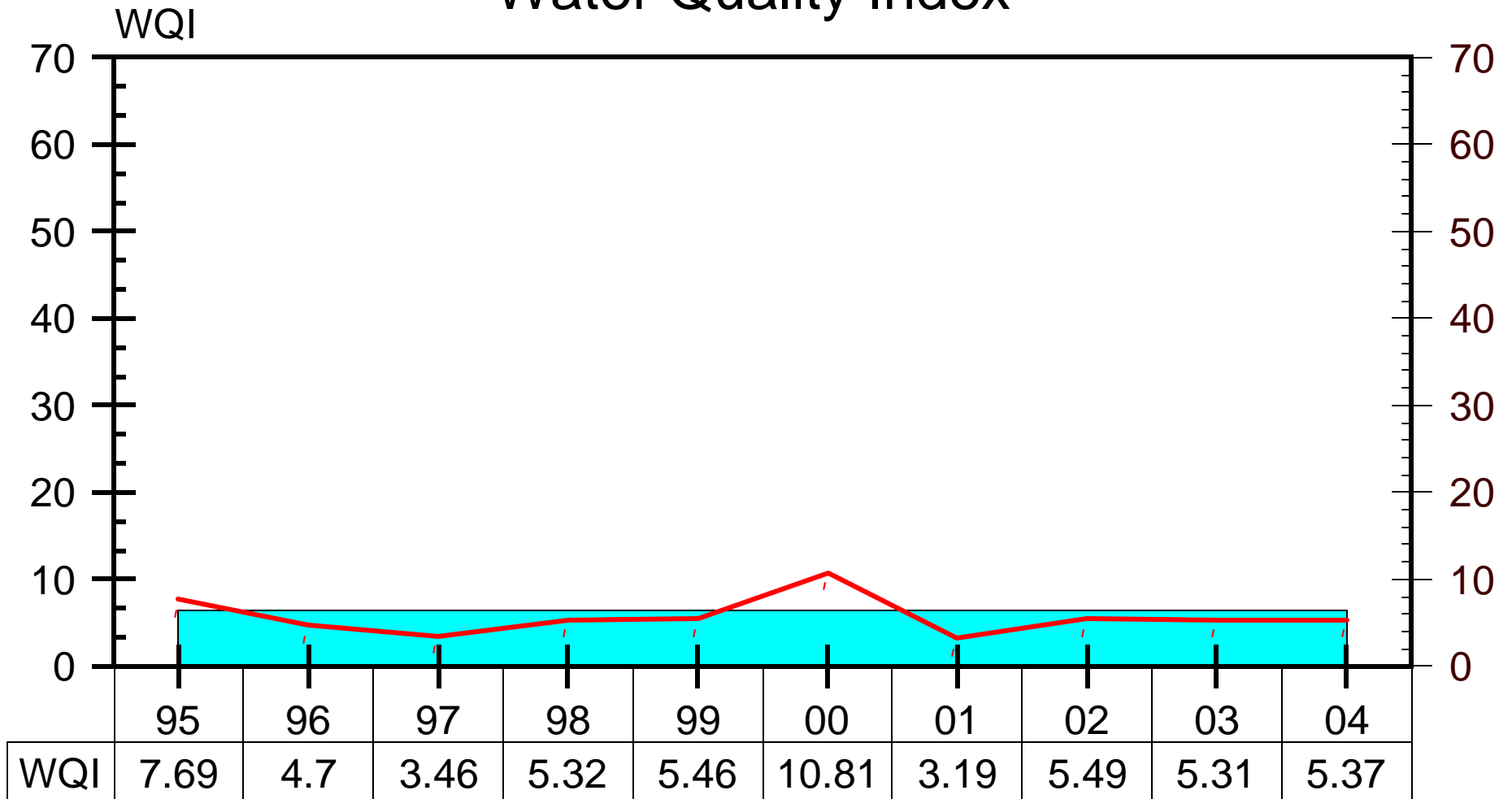
### Water Quality Statements:

Portions of the creek are impaired for nutrients and dissolved oxygen.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	7.89	23.39	1.84
Chlorophyll a (Corrected) mg/m3	6.28	19.22	0.85
Color Pt-Co	86	115	68
Conductivity @ 25C umhos/cm	194	198	191
Dissolved Oxygen (DO) mg/l	5.50	7.70	2.74
Fecal Coliform (FC) CFU	915	2300	220
Nitrogen ammonia (NH3) mg/l	0.087	0.194	0.047
Nitrogen Kjeldahl (TKN) mg/l	1.054	1.552	0.747
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.215	0.473	0.058
Nitrogen Total (TN) mg/l	1.27	1.61	1.021
pH Std Unit	6.86	6.95	6.43
Phosphorus Total (TP) mg/l	0.113	0.116	0.069
Temperature Deg C	21.47	25.48	17.38
Total Coliform (TC) CFU	17628	44000	210
Turbidity NTU	4.05	5.30	3.10

# PEACE CREEK DRAINAGE CANAL WAHNETA

## Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME : P.C. CANAL6

# Annual Stream Water Quality Data

**Sampling Site:** Peace Creek7

**Sampling Site Location:** Hwy 655 N + 100 Yds N Of 12th St E

**City:** Wahneta

**Drainage Basin:** Peace River

**T-R:** -29-25

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):** 116,857

**Navigability:** NO

**Misc Information about this watersystem:**

**Drains To:** Peace River

## Current year water quality information

**Year** 2004

**WQI:** 5.45

**Impaired Waterbody**

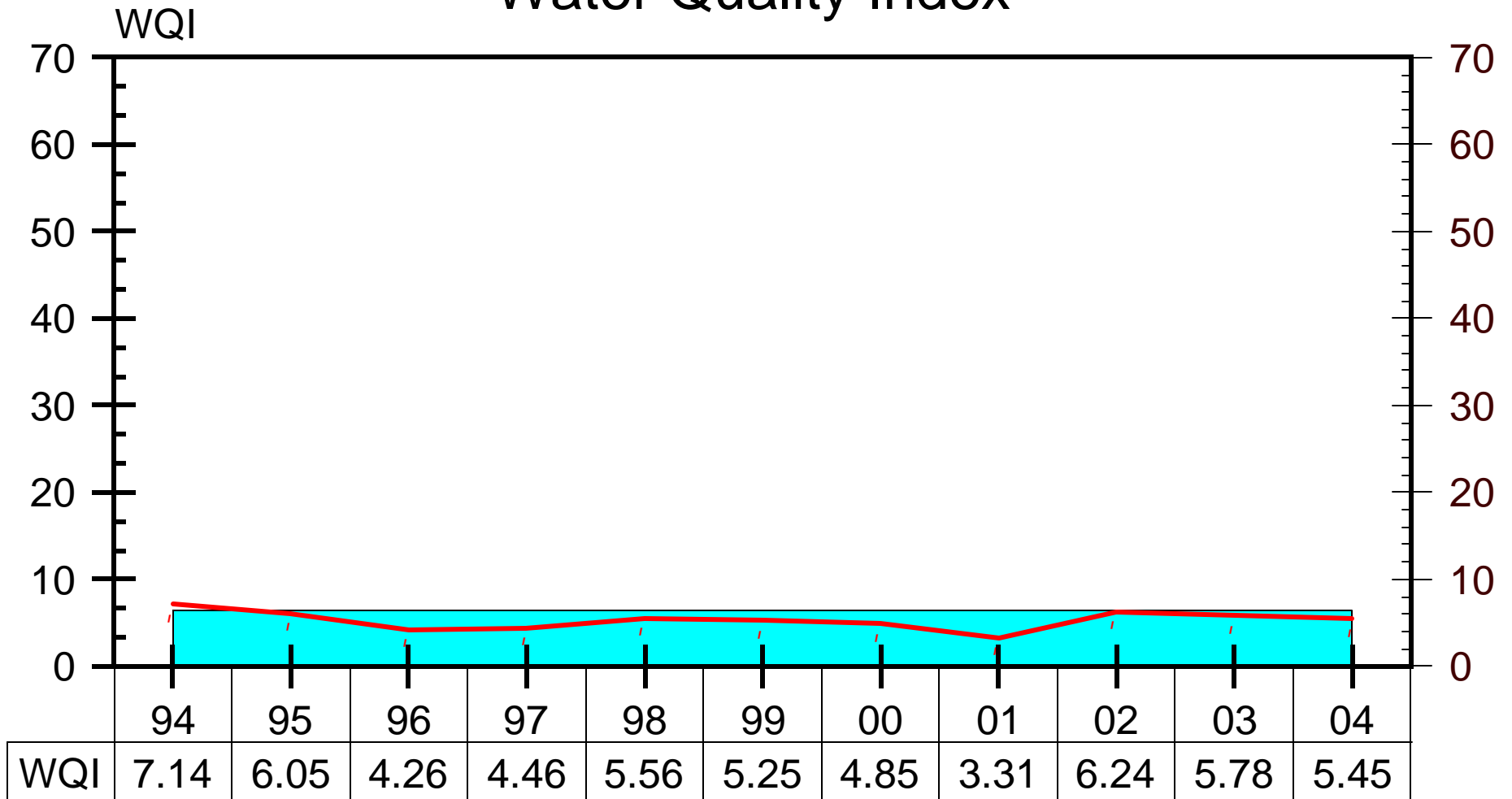
### Water Quality Statements:

Portions of the creek are impaired for nutrients and dissolved oxygen.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	8.01	25.81	1.55
Chlorophyll a (Corrected) mg/m3	6.13	21.63	0.40
Color Pt-Co	69	120	18
Conductivity @ 25C umhos/cm	201	205	198
Dissolved Oxygen (DO) mg/l	4.68	7.25	2.01
Fecal Coliform (FC) CFU	840	1900	110
Nitrogen ammonia (NH3) mg/l	0.097	0.186	0.053
Nitrogen Kjeldahl (TKN) mg/l	1.134	1.457	0.872
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.259	0.609	0.051
Nitrogen Total (TN) mg/l	1.39	1.51	1.24
pH Std Unit	6.41	6.64	6.18
Phosphorus Total (TP) mg/l	0.100	0.133	0.053
Temperature Deg C	21.63	25.50	17.62
Total Coliform (TC) CFU	11473	36000	190
Turbidity NTU	4.2	4.9	3.8

# PEACE CREEK DRAINAGE CANAL WAHNETA

## Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME : P.C. CANAL7

# Annual Stream Water Quality Data

**Sampling Site:** Peace Creek8

**Sampling Site Location:** P.C. Bridge On 91 Mine Rd N Of Hwy 60

**City:** Wahneta

**Drainage Basin:** Peace River

**T-R:** -29-25

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):** 116,857

**Navigability:** NO

**Misc Information about this watersystem:**

**Drains To:** Peace River

## Current year water quality information

**Year** 2004

**WQI:** 13.64

**Impaired Waterbody**

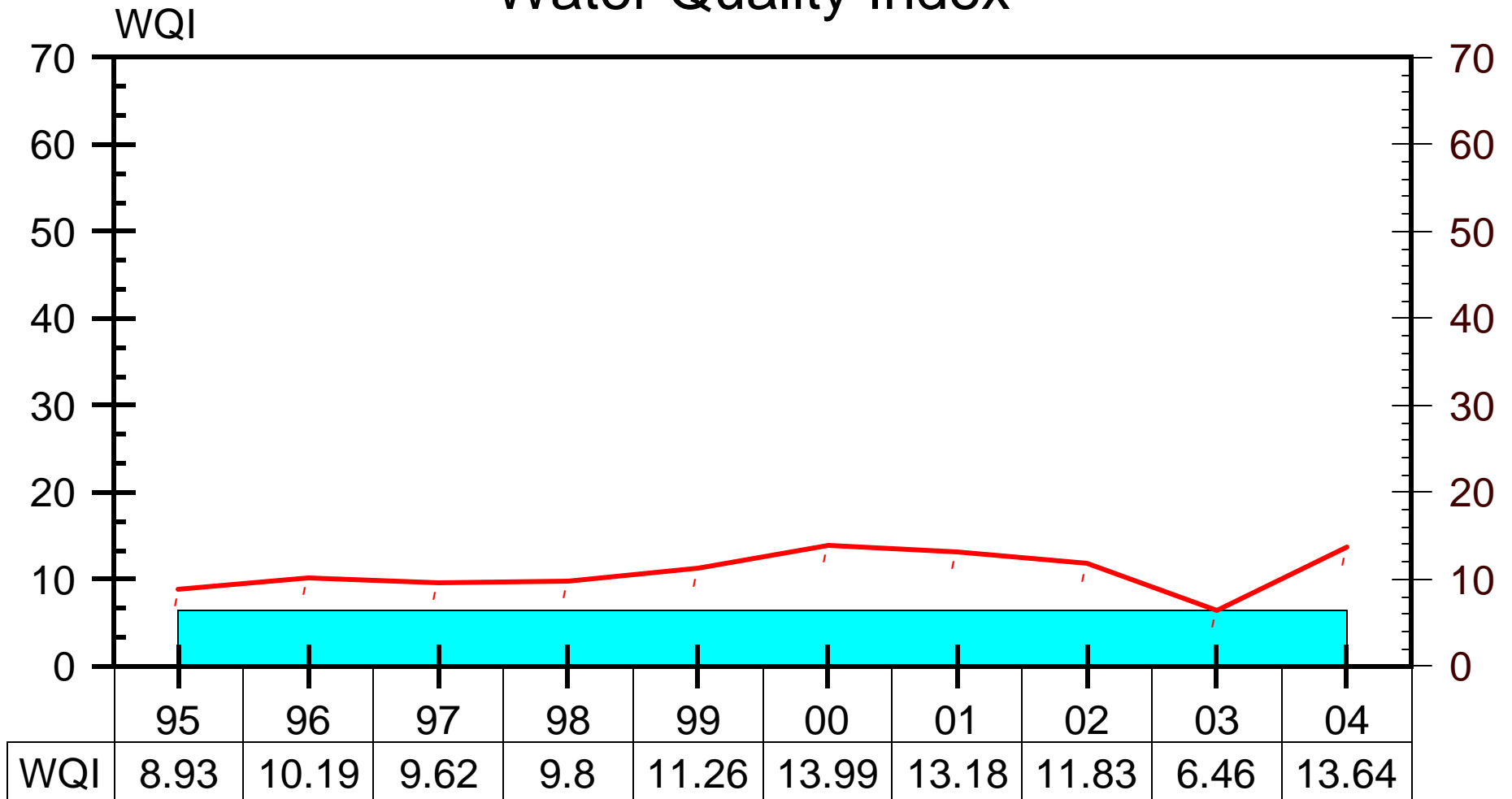
### Water Quality Statements:

Portions of the creek are impaired for nutrients and dissolved oxygen.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	7.73	24.09	1.42
Chlorophyll a (Corrected) mg/m3	5.73	19.22	1.20
Color Pt-Co	240	320	200
Conductivity @ 25C umhos/cm	231	272	143
Dissolved Oxygen (DO) mg/l	4.62	7.37	0.81
Fecal Coliform (FC) CFU	131	230	60
Nitrogen ammonia (NH3) mg/l	0.108	0.299	0.029
Nitrogen Kjeldahl (TKN) mg/l	1.547	2.054	1.280
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.255	0.385	0.030
Nitrogen Total (TN) mg/l	1.80	2.08	1.54
pH Std Unit	6.82	7.18	6.45
Phosphorus Total (TP) mg/l	0.486	0.596	0.336
Temperature Deg C	21.12	26.96	16.01
Total Coliform (TC) CFU	2778	7600	81
Turbidity NTU	6.38	8.70	3.40



# PEACE CREEK BARTOW Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME : P.C. CANAL8

# Annual Stream Water Quality Data

**Sampling Site:** Peace Creek9

**Sampling Site Location:** 1 Mile W Old Bartow/Eagle Lk Cutoff Rd

**City:** Winter Haven

**Drainage Basin:** Peace River

**T-R:** 11-28-24

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):** 46,053

**Navigability:** Yes

**Misc Information about this watersystem:**

**Drains To:** Lake Hancock

CALL 667-0971 for more information about the park.

## Current year water quality information

**Year** 2004

**WQI:** 29.79

**Impaired Waterbody**

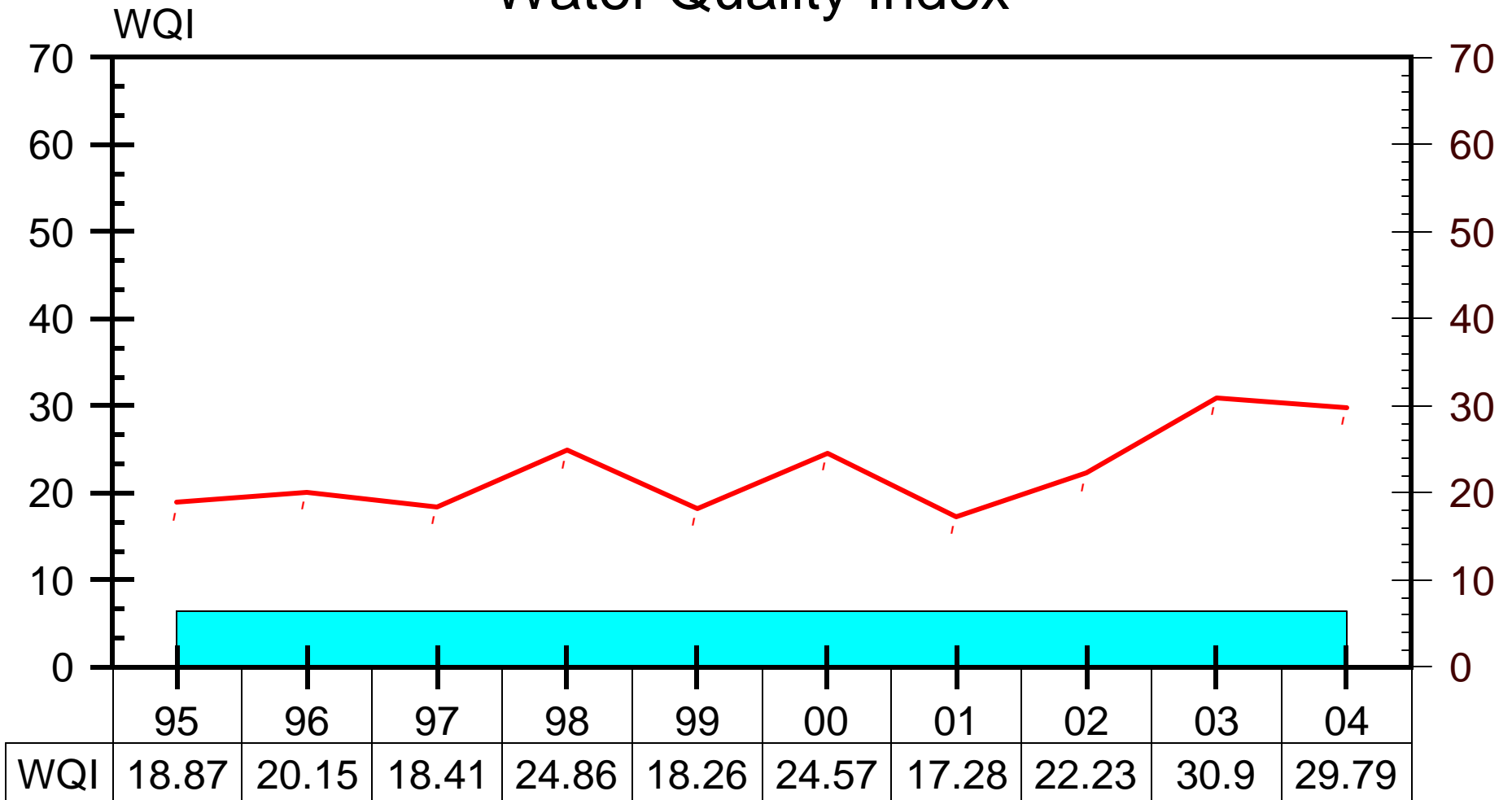
### Water Quality Statements:

Portions of the creek are impaired for nutrients and dissolved oxygen.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	121.40	147.99	78.64
Chlorophyll a (Corrected) mg/m3	104.80	132.17	62.08
Color Pt-Co	82	140	45
Conductivity @ 25C umhos/cm	285	470	150
Dissolved Oxygen (DO) mg/l	6.52	7.69	4.50
Fecal Coliform (FC) CFU	307	450	180
Nitrogen ammonia (NH3) mg/l	0.047	0.106	0.008
Nitrogen Kjeldahl (TKN) mg/l	3.913	5.021	2.615
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.029	0.078	0.002
Nitrogen Total (TN) mg/l	3.14	5.03	0.27
pH Std Unit	7.62	8.52	6.85
Phosphorus Total (TP) mg/l	0.980	1.228	0.674
Temperature Deg C	19.89	25.00	16.82
Total Coliform (TC) CFU	573	1500	9
Turbidity NTU	31.73	47.00	7.20

# SADDLE CREEK BARTOW

## Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME : P.C. CANAL9

# Annual Stream Water Quality Data

**Sampling Site:** Peace Creek10

**Sampling Site Location:** Bridge On Hwy 60 W Of Kincade Marine

**City:** Bartow

**Drainage Basin:** Peace River

**T-R:** -30-25

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):** 136,030

**Navigability:** Yes; by canoe or jon boat

**Misc Information about this watersystem:**

**Drains To:** Peace River

## Current year water quality information

**Year** 2004

**WQI:** 21.51

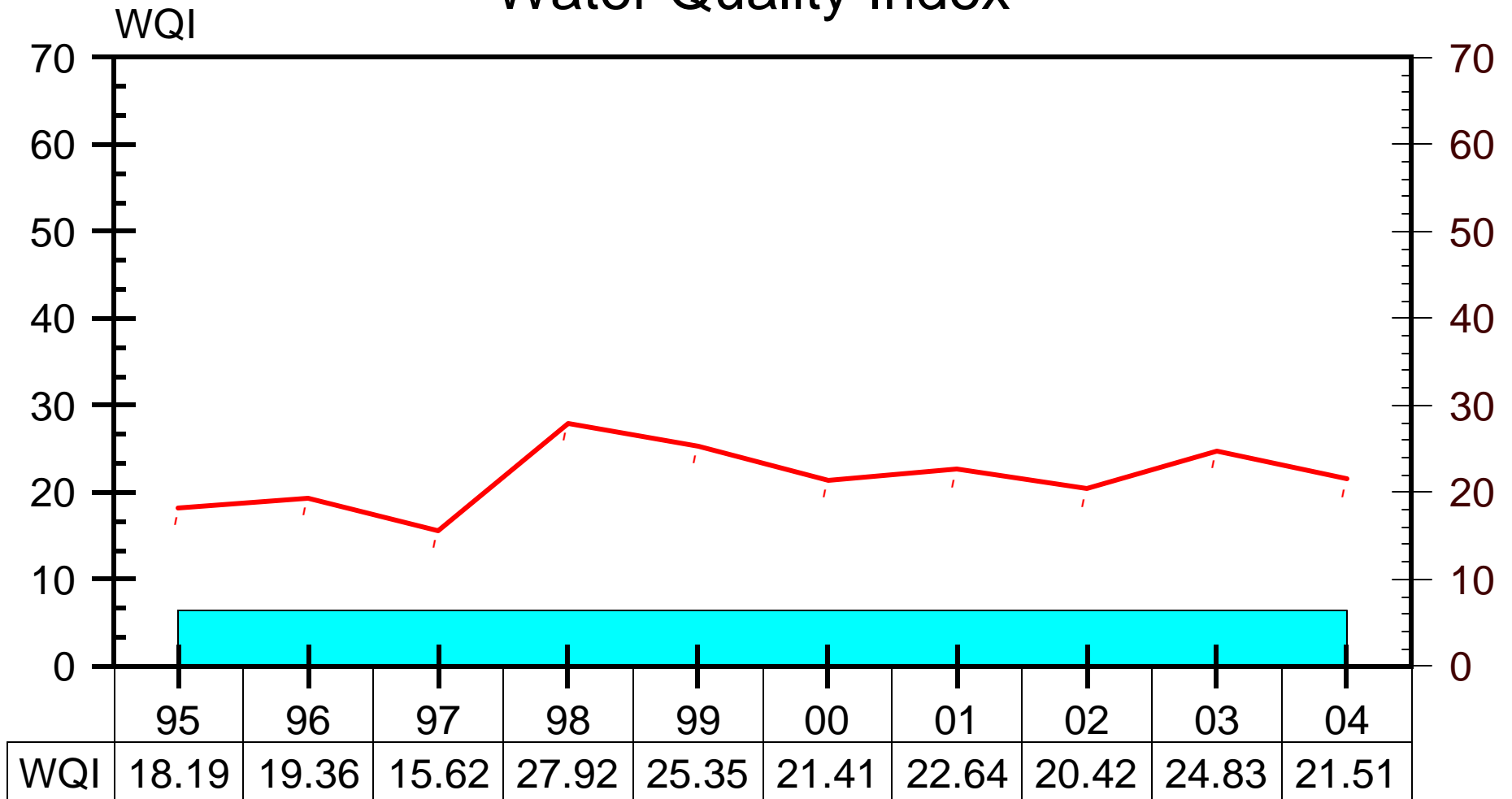
**Impaired Waterbody**

### Water Quality Statements:

Portions of the creek are impaired for nutrients and dissolved oxygen.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	21.51	36.33	1.73
Chlorophyll a (Corrected) mg/m3	16.13	26.43	1.25
Color Pt-Co	210	240	170
Conductivity @ 25C umhos/cm	237	270	147
Dissolved Oxygen (DO) mg/l	4.34	6.60	0.79
Fecal Coliform (FC) CFU	274	600	45
Nitrogen ammonia (NH3) mg/l	0.125	0.340	0.017
Nitrogen Kjeldahl (TKN) mg/l	1.856	2.310	1.407
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.263	0.406	0.102
Nitrogen Total (TN) mg/l	2.12	2.41	1.68
pH Std Unit	6.92	7.31	6.72
Phosphorus Total (TP) mg/l	0.826	1.216	0.569
Temperature Deg C	21.72	27.59	17.02
Total Coliform (TC) CFU	2129	5400	54
Turbidity NTU	8.98	14.50	4.80

# PEACE RIVER BARTOW Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME: P.C. CANAL10

# Annual Stream Water Quality Data

**Sampling Site:** Peace River1

**Sampling Site Location:** Bridge On Hwy 640 E Of SR 17 Homeland

**City:** Bartow

**Drainage Basin:** Peace River

**T-R:** -30-25

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):** 136,030

**Navigability:** Yes; by canoe or jon boat

**Misc Information about this watersystem:**

**Drains To:** Peace River

## Current year water quality information

**Year** 2004

**WQI:** 37.64

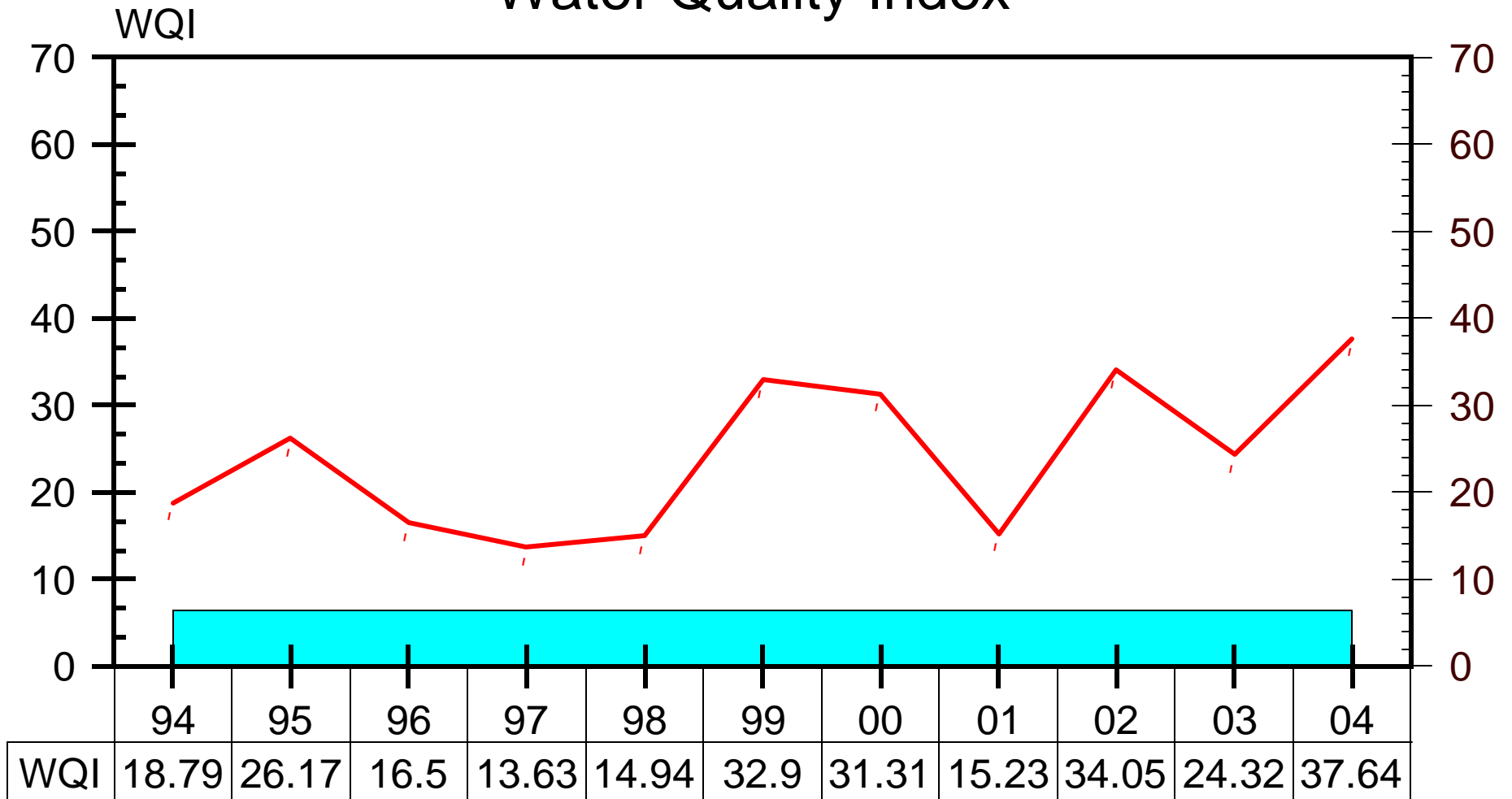
**Impaired Waterbody**

### Water Quality Statements:

Portions of the river are impaired for nutrients, dissolved oxygen and fecal coliform bacteria.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	46.27	126.53	4.43
Chlorophyll a (Corrected) mg/m3	34.59	100.13	1.25
Color Pt-Co	105	125	90
Conductivity @ 25C umhos/cm	444	487	413
Dissolved Oxygen (DO) mg/l	5.16	5.86	3.77
Fecal Coliform (FC) CFU	101	230	20
Nitrogen ammonia (NH3) mg/l	0.071	0.105	0.038
Nitrogen Kjeldahl (TKN) mg/l	1.730	2.723	1.233
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.339	0.467	0.197
Nitrogen Total (TN) mg/l	2.07	2.92	1.59
pH Std Unit	7.06	7.16	6.99
Phosphorus Total (TP) mg/l	1.624	1.839	1.474
Temperature Deg C	20.85	27.53	17.46
Total Coliform (TC) CFU	2590	7000	220
Turbidity NTU	7.03	8.90	5.90

# PEACE RIVER HOMELAND Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME: PEACE RIVER1

# Annual Stream Water Quality Data

**Sampling Site:** Poley Creek North

**Sampling Site Location:** W on Pipkin; R on S Pipkin Rd 1/4 Mile of R, Sample at staff gage approx 50' E from road

**City:** Mulberry

**Drainage Basin:** Alafia River

**T-R:** -29-23

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):** 42,503

**Navigability:**

**Misc Information about this watersystem:**

**Drains To:** Tampa Bay

Added in Group 1 stream sampling 12/00

## Current year water quality information

**Year** 2004

**WQI:** 15.43

**Impaired Waterbody**

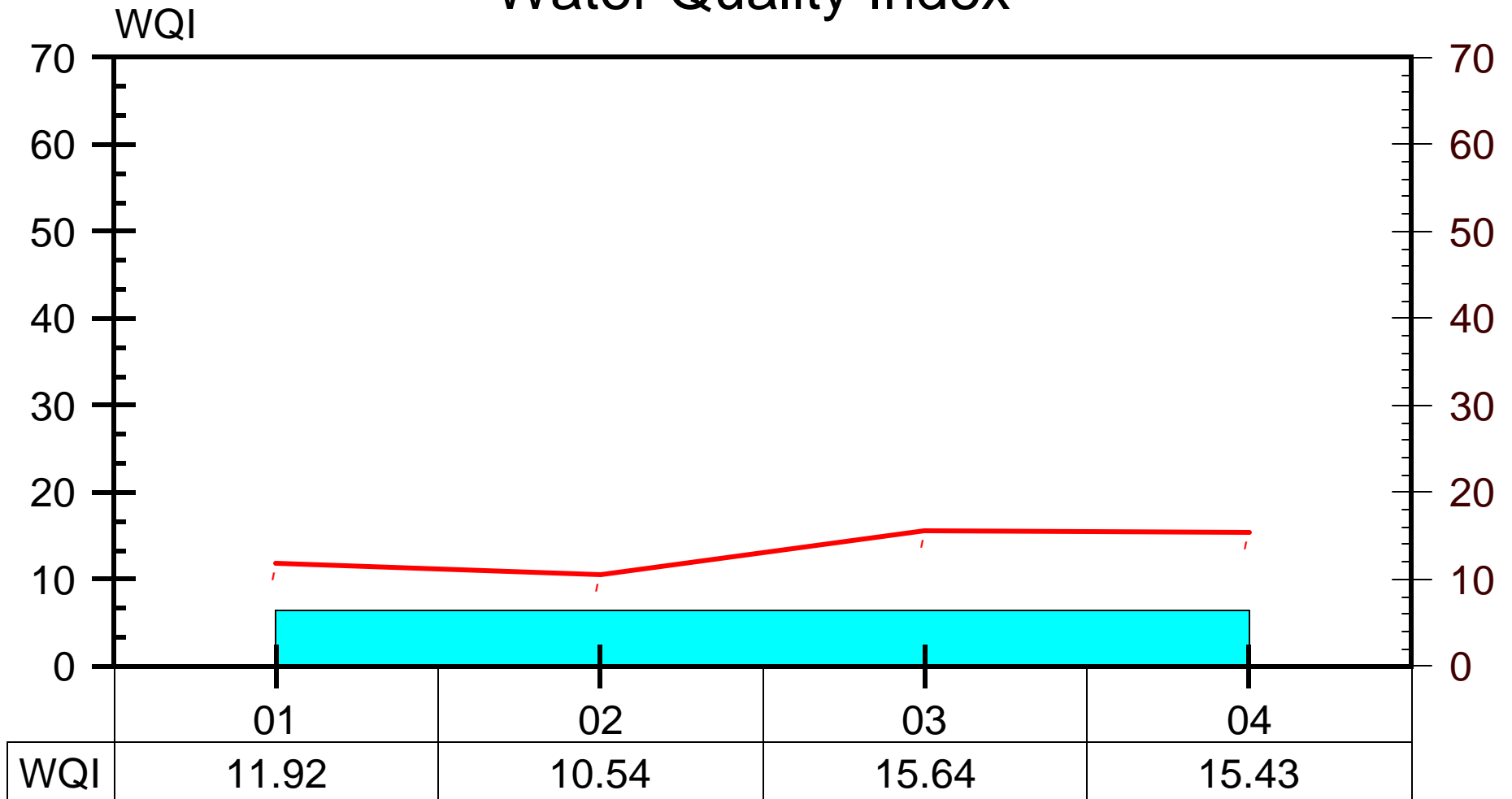
### Water Quality Statements:

Portions of the creek are impaired for dissolved oxygen.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	4.02	6.04	1.99
Chlorophyll a (Corrected) mg/m3	2.63	4.01	1.25
Color Pt-Co	78	120	35
Conductivity @ 25C umhos/cm	232	249	215
Dissolved Oxygen (DO) mg/l	6.39	7.31	5.47
Fecal Coliform (FC) CFU	890	1200	580
Nitrogen ammonia (NH3) mg/l	0.031	0.041	0.022
Nitrogen Kjeldahl (TKN) mg/l	0.649	0.912	0.385
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.284	0.493	0.075
Nitrogen Total (TN) mg/l	0.93	0.99	0.88
pH Std Unit	7.07	7.25	6.88
Phosphorus Total (TP) mg/l	0.647	0.760	0.533
Temperature Deg C	22.07	25.13	19.00
Total Coliform (TC) CFU	3700	4300	3100
Turbidity NTU	11.35	18.80	3.90



# POLEY CREEK N MULBERRY Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME: POLEY CRK N1

# Annual Stream Water Quality Data

**Sampling Site:** Poley Creek South

**Sampling Site Location:** Bridge on SR60 1/2 mile E of Coronet Rd; W of Mulberry; Easy access on E bound on SR60

**City:** Mulberry

**Drainage Basin:** Alafia River

**T-R:** -29-23

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):** 42,503

**Navigability:**

**Misc Information about this watersystem:**

**Drains To:** Tampa Bay

Added in Group 1 stream sampling 12/00

## Current year water quality information

**Year** 2004

**WQI:** 17.69

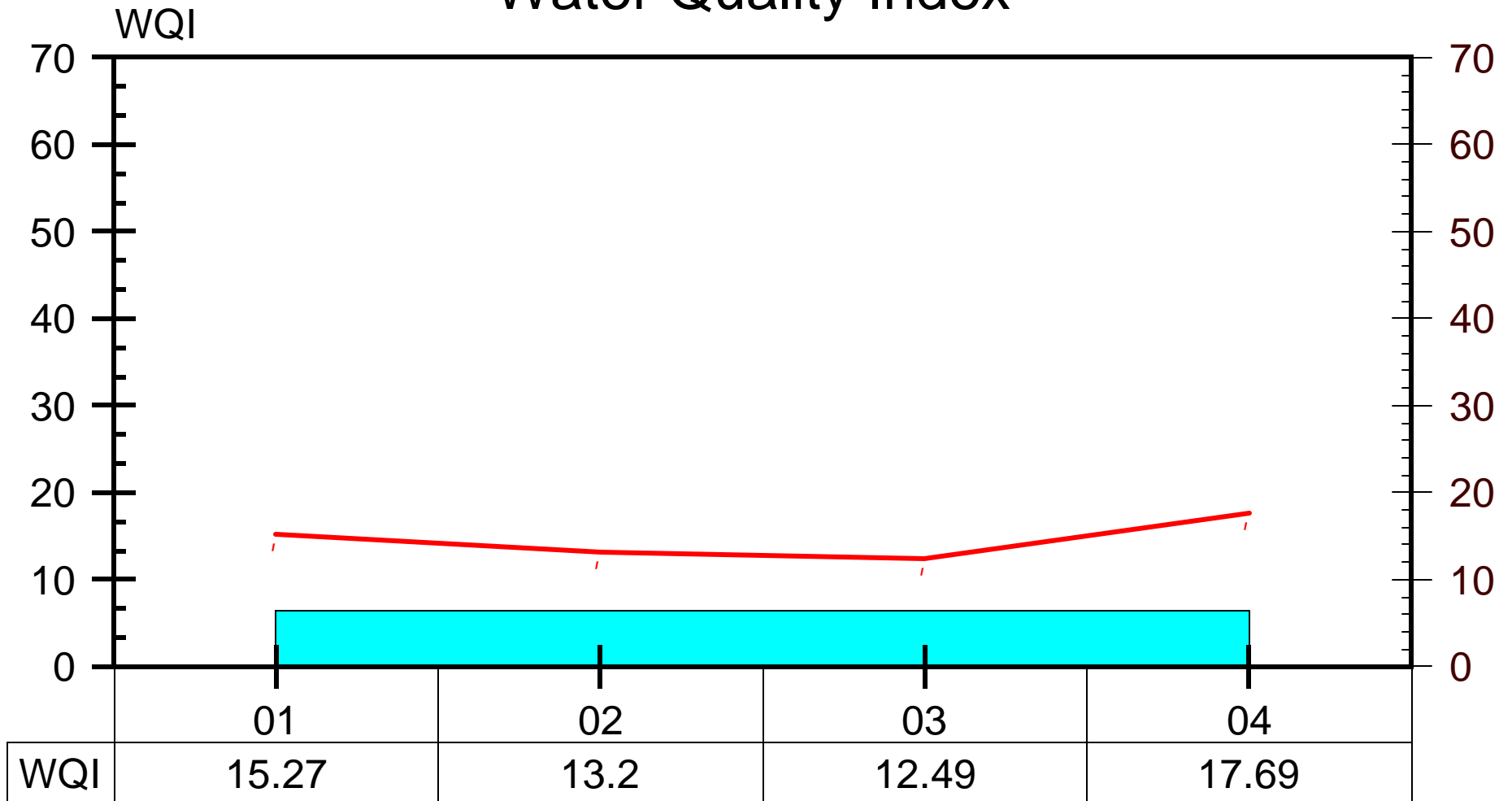
**Impaired Waterbody**

### Water Quality Statements:

Portions of the creek are impaired for dissolved oxygen.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	2.52	3.05	1.99
Chlorophyll a (Corrected) mg/m3	1.25	1.25	1.25
Color Pt-Co	94	150	38
Conductivity @ 25C umhos/cm	245	274	216
Dissolved Oxygen (DO) mg/l	6.12	7.12	5.09
Fecal Coliform (FC) CFU	635	1200	70
Nitrogen ammonia (NH3) mg/l	0.029	0.050	0.008
Nitrogen Kjeldahl (TKN) mg/l	0.790	1.125	0.454
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.228	0.346	0.109
Nitrogen Total (TN) mg/l	1.02	1.23	0.80
pH Std Unit	7.17	7.32	7.01
Phosphorus Total (TP) mg/l	0.770	0.996	0.544
Temperature Deg C	22.03	24.77	19.28
Total Coliform (TC) CFU	1795	3300	290
Turbidity NTU	6.9	8.7	5.1

# POLEY CREEK S MULBERRY Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME: POLEY CRK S1

# Annual Stream Water Quality Data

**Sampling Site:** Reedy Creek

**Sampling Site Location:** Arbuckle Rd To Rucks Dairy Rd At Bridge

**City:** Frostproof

**Drainage Basin:** Kissimmee River

**T-R:** -32-29

**Eco Region:** 75c - Central Florida Ridges and Uplands

**River Length in Polk County(Ft):** 40,921

**Navigability:** Possibly by canoe or jon boat

**Misc Information about this watersystem:**

**Drains To:** Lake Arbuckle

## Current year water quality information

**Year** 2004

**WQI:** 4.97

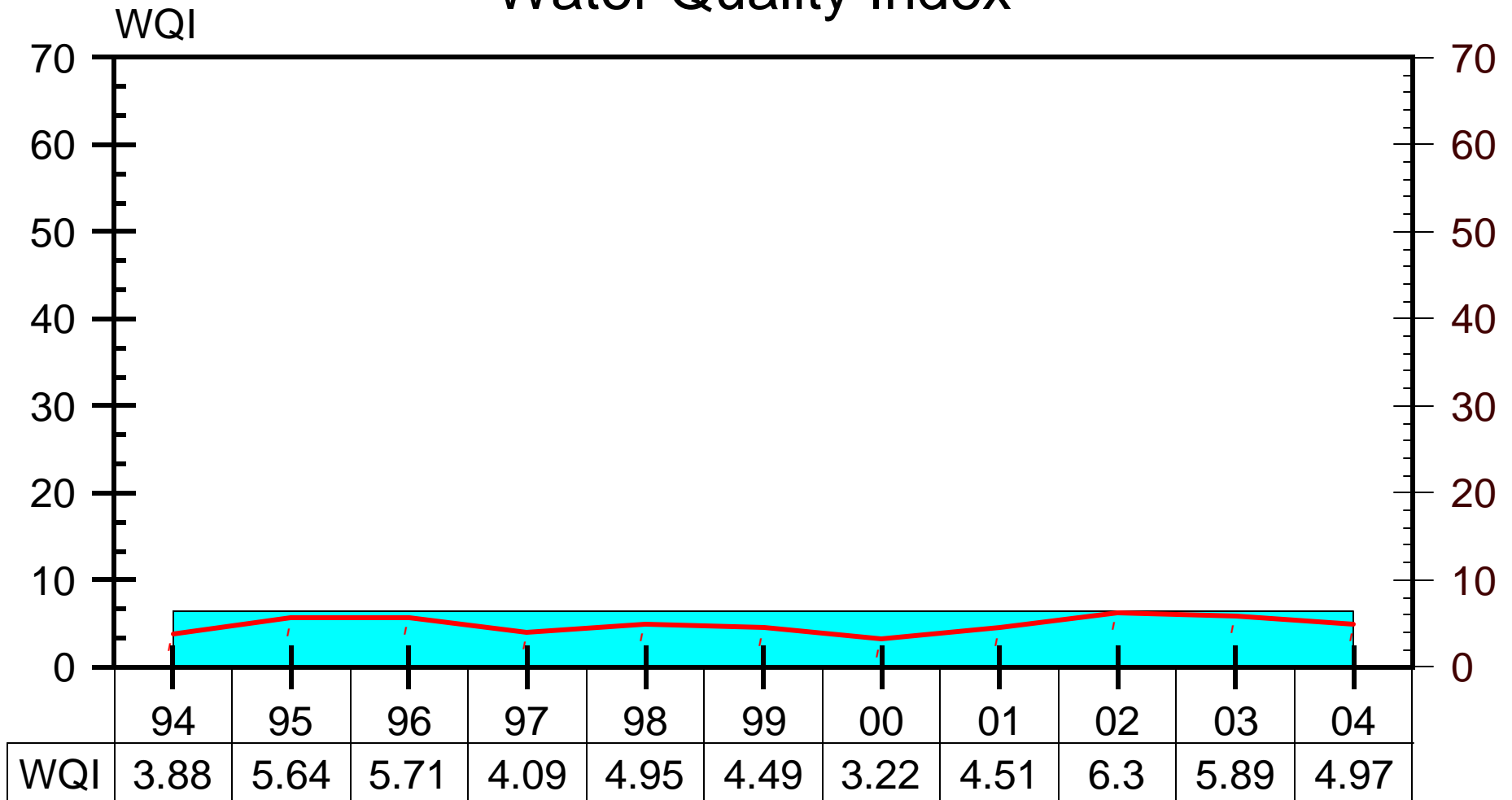
**Impaired Waterbody**

### Water Quality Statements:

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	7.95	9.58	6.32
Chlorophyll a (Corrected) mg/m3	7.01	8.01	6.01
Color Pt-Co	72	120	23
Conductivity @ 25C umhos/cm	226	246	206
Dissolved Oxygen (DO) mg/l	6.75	6.89	6.61
Fecal Coliform (FC) CFU	395	550	240
Nitrogen ammonia (NH3) mg/l	0.168	0.317	0.018
Nitrogen Kjeldahl (TKN) mg/l	1.160	1.590	0.730
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.518	0.592	0.444
Nitrogen Total (TN) mg/l	1.68	2.19	1.17
pH Std Unit	6.65	6.65	6.65
Phosphorus Total (TP) mg/l	0.059	0.068	0.049
Temperature Deg C	22.30	25.88	14.71
Total Coliform (TC) CFU	2800	5100	500
Turbidity NTU	3.3	4.4	2.2

# REEDY CREEK EAST OF FROSTPROOF

## Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME: REEDY CREEK1

# Annual Stream Water Quality Data

**Sampling Site:** Saddle Creek1

**Sampling Site Location:** Hwy 540 E (Winter Lake Rd) On N Side

**City:** Winter Haven

**Drainage Basin:** Peace River

**T-R:** 11-28-24

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):** 46,053

**Navigability:** Yes

**Misc Information about this watersystem:**

**Drains To:** Lake Hancock

CALL 667-0971 for more information about the park.

## Current year water quality information

**Year** 2004

**WQI:** 14.42

**Impaired Waterbody**

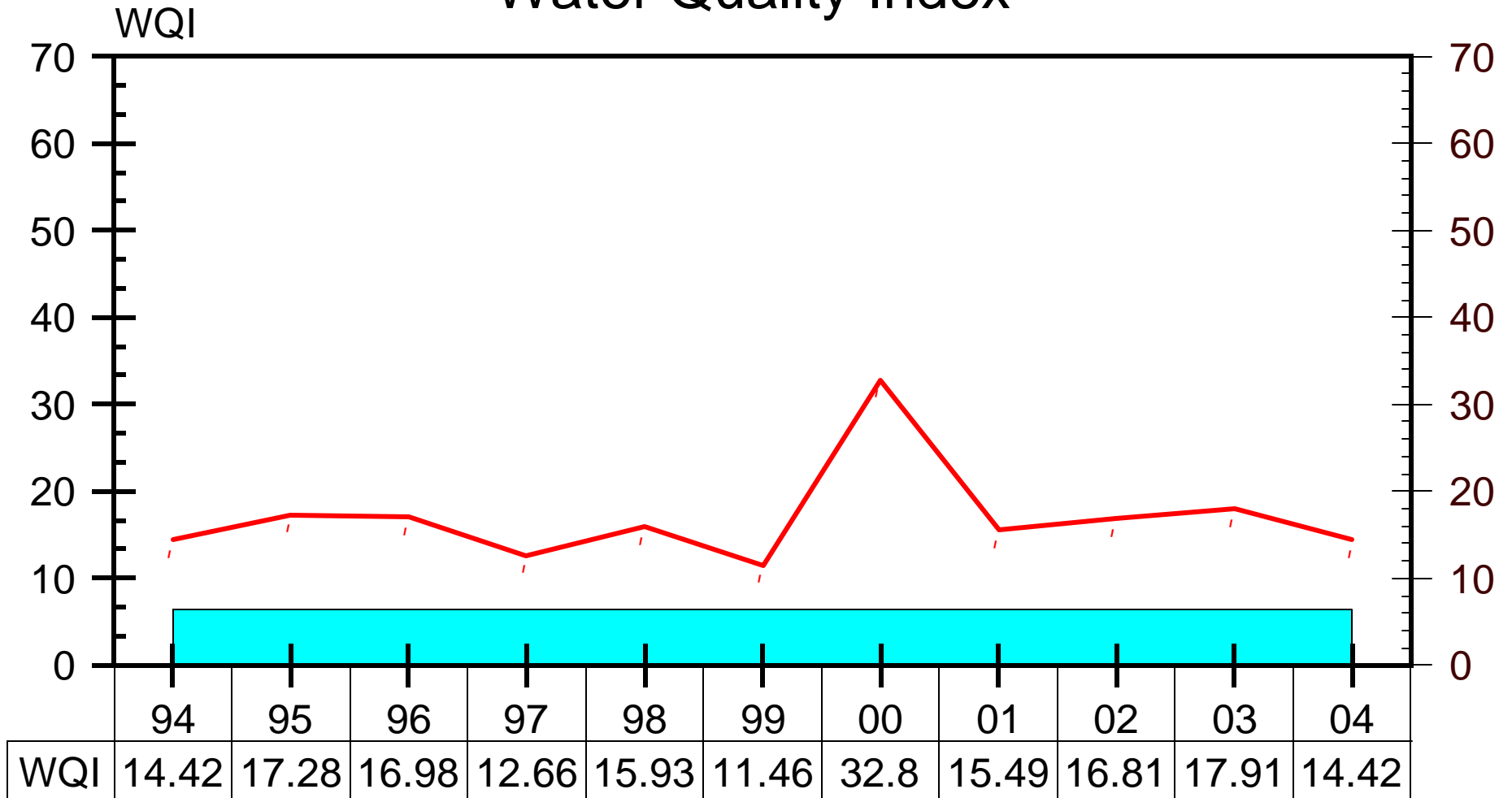
### Water Quality Statements:

Portions of the creek are impaired for nutrients and dissolved oxygen.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	6.12	7.49	4.75
Chlorophyll a (Corrected) mg/m3	4.23	7.21	1.25
Color Pt-Co	57	63	50
Conductivity @ 25C umhos/cm	228	276	179
Dissolved Oxygen (DO) mg/l	2.36	2.77	1.94
Fecal Coliform (FC) CFU	555	930	180
Nitrogen ammonia (NH3) mg/l	0.061	0.067	0.055
Nitrogen Kjeldahl (TKN) mg/l	1.067	1.072	1.061
Nitrogen Nitrate+Nitrite (NOx) mg/l	.107	0.129	0.085
Nitrogen Total (TN) mg/l	1.18	1.19	1.16
pH Std Unit	6.81	7.03	6.59
Phosphorus Total (TP) mg/l	0.515	0.534	0.496
Temperature Deg C	22.93	23.15	22.71
Total Coliform (TC) CFU	1300	1300	1300
Turbidity NTU	2.32	3.30	1.33

# SADDLE CREEK WEST OF WINTER HAVEN

## Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME: SADDLE CREEK1

# Annual Stream Water Quality Data

**Sampling Site:** Teneroc Outfall

**Sampling Site Location:** Bridge approx 1/2 mile E of Fish Hatchery Rd on CR546 (Saddle Creek Rd)

**City:** Lakeland

**Drainage Basin:** Peace River

**T-R:** 2-28-24

**Eco Region:** 75d - Eastern Florida Flatwoods

**River Length in Polk County(Ft):**

**Navigability:**

**Misc Information about this watersystem:**

**Drains To:** Saddle Creek

Teneroc Park Outfall

## Current year water quality information

**Year** 2004

**WQI:** 22.37

**Impaired Waterbody**

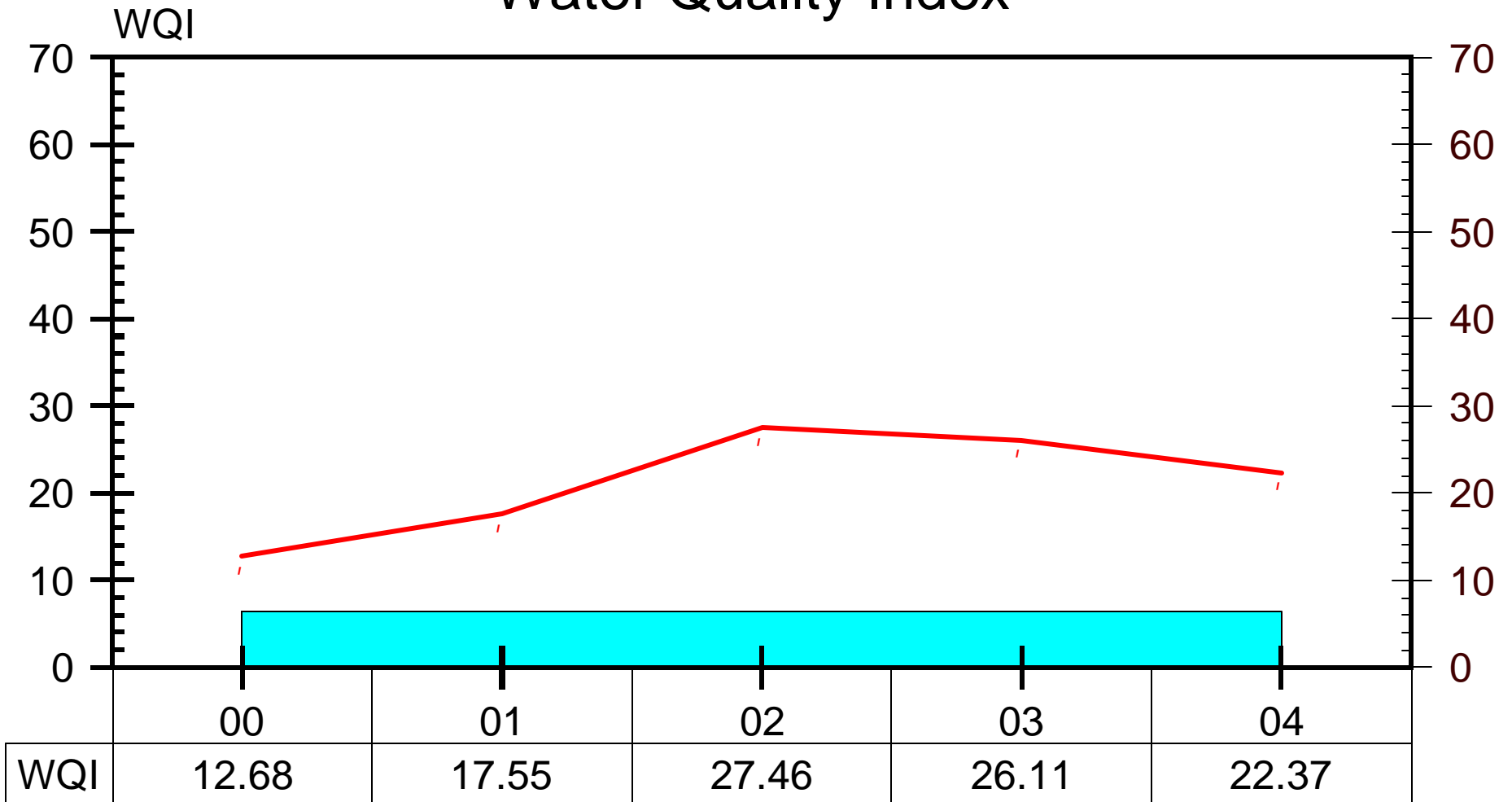
### Water Quality Statements:

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	8.65	12.23	5.07
Chlorophyll a (Corrected) mg/m3	6.21	8.81	3.61
Color Pt-Co	98	136	60
Conductivity @ 25C umhos/cm	237	280	193
Dissolved Oxygen (DO) mg/l	4.38	6.25	2.51
Fecal Coliform (FC) CFU	64	120	8
Nitrogen ammonia (NH3) mg/l	0.371	0.387	0.355
Nitrogen Kjeldahl (TKN) mg/l	1.464	1.564	1.363
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.259	0.488	0.030
Nitrogen Total (TN) mg/l	1.72	1.85	1.59
pH Std Unit	6.81	7.24	6.37
Phosphorus Total (TP) mg/l	0.830	0.957	0.702
Temperature Deg C	22.985	23.5	22.47
Total Coliform (TC) CFU	580	1000	160
Turbidity NTU	3.25	3.40	3.10



# TENEROC OUTFALL LAKELAND

## Water Quality Index



Years



STA NAME: Teneroc Outfall

# Annual Stream Water Quality Data

**Sampling Site:** Tiger Creek

**Sampling Site Location:** On Walk In Water Rd Call 813-678-1551

**City:** Frostproof

**Drainage Basin:** Kissimmee River

**T-R:** -31-29

**Eco Region:** 75d - Eastern Florida Flatwoods

**River Length in Polk County(Ft):** 46,453

**Navigability:** Possibly by canoe or jon boat

**Misc Information about this watersystem:**

**Drains To:** Lake Weohyakapka

## Current year water quality information

**Year** 2004

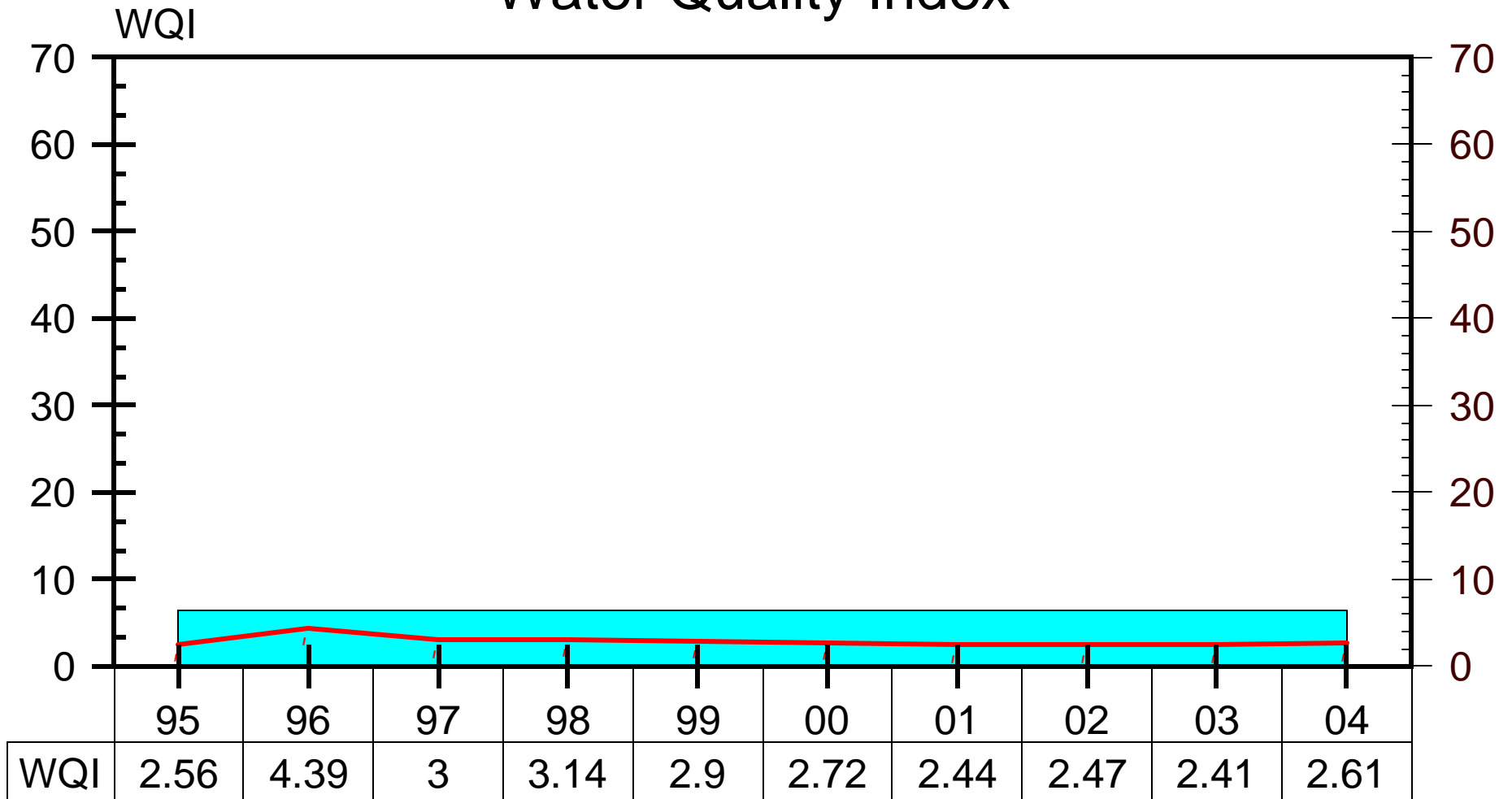
**WQI:** 2.61

**Impaired Waterbody**

### Water Quality Statements:

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	1.57	1.77	1.38
Chlorophyll a (Corrected) mg/m3	1.04	1.25	0.82
Color Pt-Co	42	50	33
Conductivity @ 25C umhos/cm	196	199	192
Dissolved Oxygen (DO) mg/l	7.85	8.66	7.04
Fecal Coliform (FC) CFU	680	1050	310
Nitrogen ammonia (NH3) mg/l	0.010	0.012	0.008
Nitrogen Kjeldahl (TKN) mg/l	0.238	0.292	0.183
Nitrogen Nitrate+Nitrite (NOx) mg/l	1.446	1.720	1.172
Nitrogen Total (TN) mg/l	1.68	1.90	1.46
pH Std Unit	6.84	6.87	6.81
Phosphorus Total (TP) mg/l	0.026	0.032	0.019
Temperature Deg C	19.69	24.78	14.59
Total Coliform (TC) CFU	2695	4900	490
Turbidity NTU	1.45	2.20	0.70

# TIGER CREEK FROSTPROOF Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME: TIGER CREEK3

# Annual Stream Water Quality Data

**Sampling Site:** W Bowlegs Creek

**Sampling Site Location:** Where 657 crosses Bowlegs S of Ft Meade E of US17

**City:** Ft Meade

**Drainage Basin:** Peace River

**T-R:** 2-32-25

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):**

**Navigability:**

**Misc Information about this watersystem:**

**Drains To:** Peace River

## Current year water quality information

**Year** 2004

**WQI:** 9.69

**Impaired Waterbody**

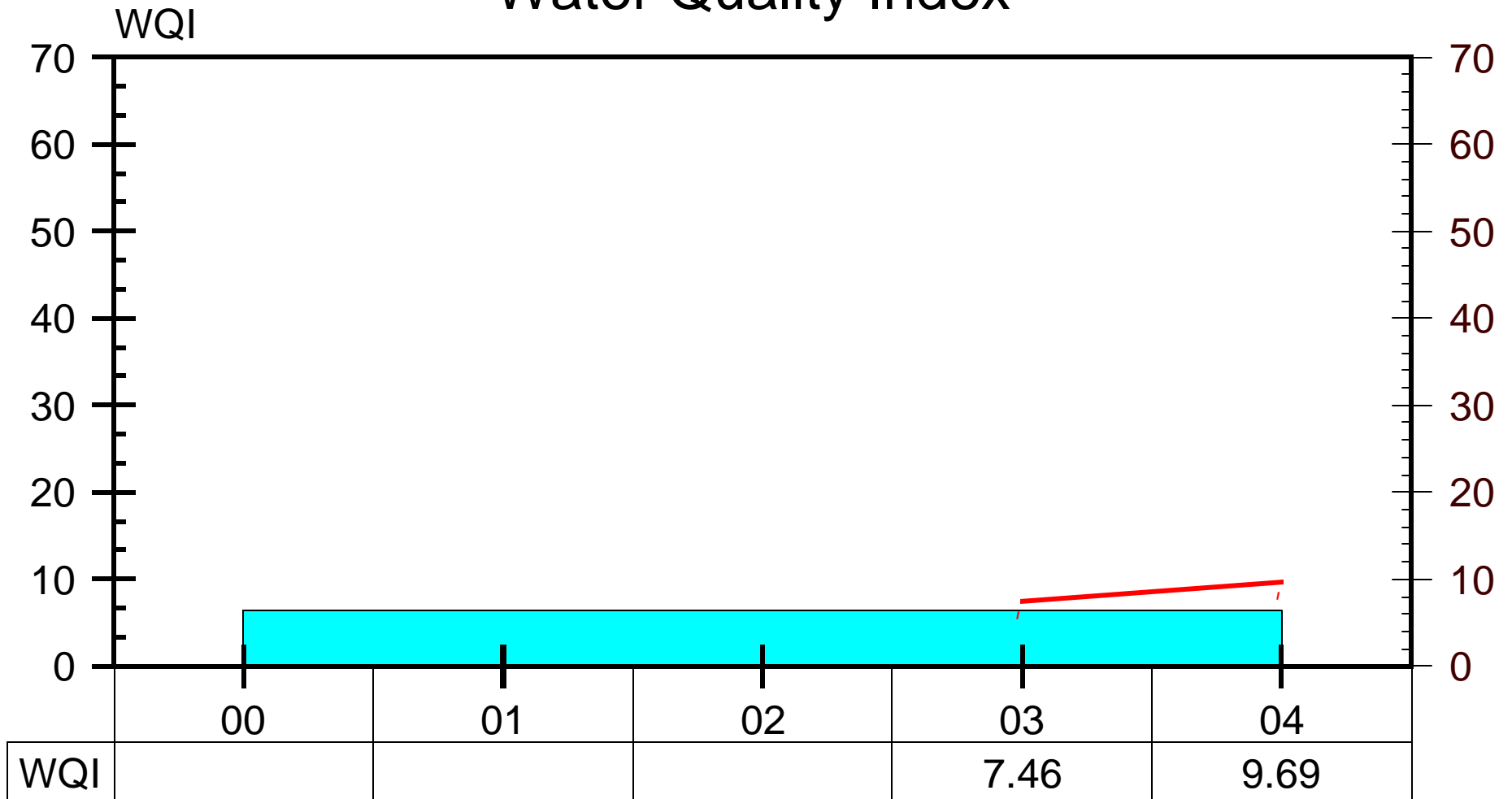
### Water Quality Statements:

Portions of the creek are impaired for dissolved oxygen.

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	1.54	4.90	0.10
Chlorophyll a (Corrected) mg/m3	1.25	1.25	1.25
Color Pt-Co	229	350	120
Conductivity @ 25C umhos/cm	173	207	117
Dissolved Oxygen (DO) mg/l	6.56	8.68	2.39
Fecal Coliform (FC) CFU	107	150	58
Nitrogen ammonia (NH3) mg/l	0.027	0.069	0.008
Nitrogen Kjeldahl (TKN) mg/l	1.108	1.453	0.757
Nitrogen Nitrate+Nitrite (NOx) mg/l	1.850	3.449	0.089
Nitrogen Total (TN) mg/l	2.96	4.21	1.53
pH Std Unit	7.03	7.41	6.72
Phosphorus Total (TP) mg/l	0.322	0.408	0.228
Temperature Deg C	20.82	26.03	15.76
Total Coliform (TC) CFU	968	2300	370
Turbidity NTU	1.93	2.70	1.50

# W BOWLEGS CREEK FT MEADE

## Water Quality Index



Years

— WQI    ■ Baseline 6.5

STA NAME: W BOWLEGS CRK

# Annual Stream Water Quality Data

**Sampling Site:** Withlatchoochee River

**Sampling Site Location:** Under Bridge On SR 471 3 mile N Of Hwy 98 N

**City:** Green Swamp

**Drainage Basin:** Withlatchoochee River

**T-R:** -25-23

**Eco Region:** 75b - Southwestern Florida Flatwoods

**River Length in Polk County(Ft):** 81,925

**Navigability:** Possibly by canoe or jon boat

**Misc Information about this watersystem:**

**Drains To:** Withlatchoochee River

## Current year water quality information

**Year** 2004

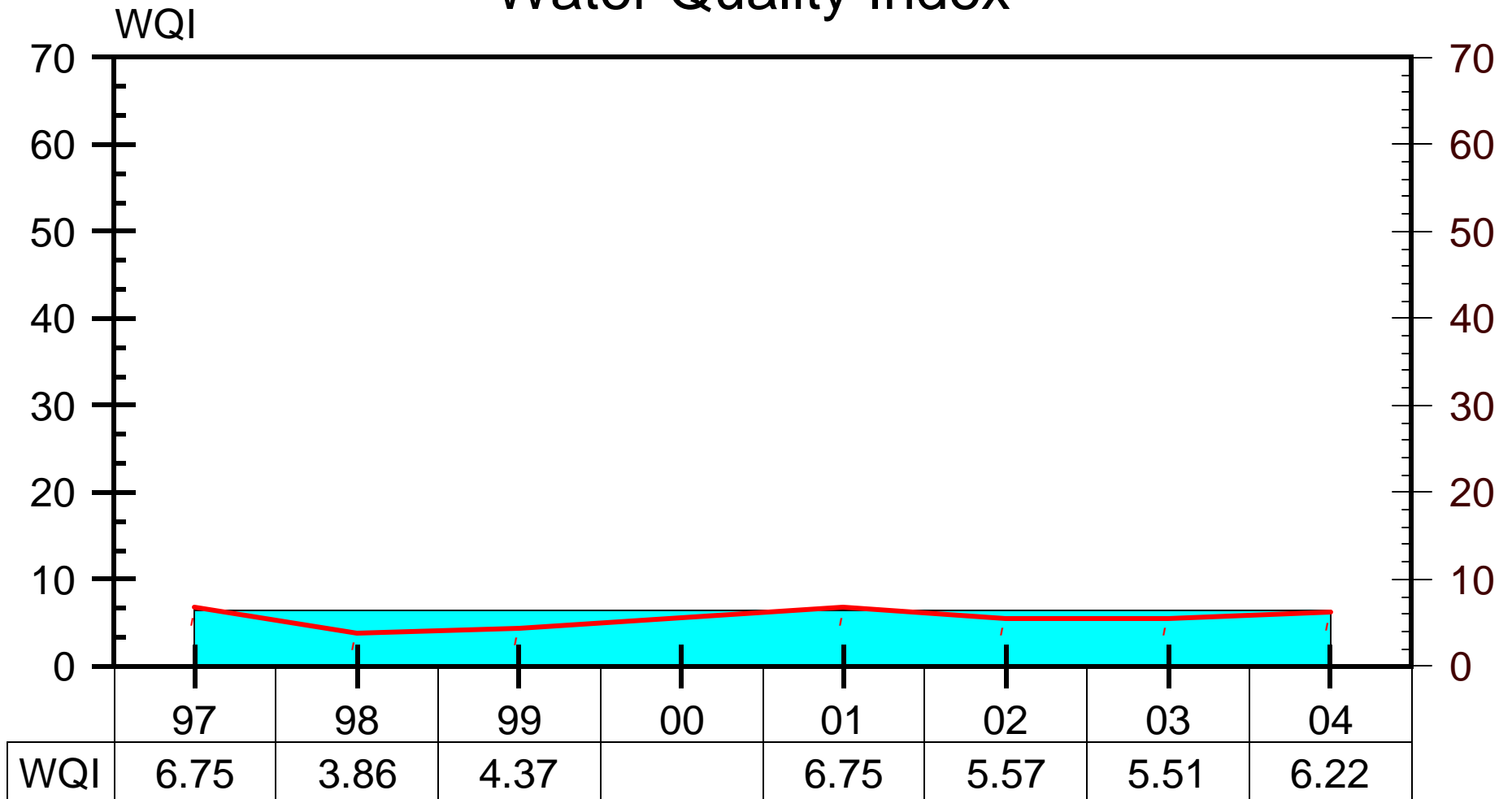
**WQI:** 6.22

**Impaired Waterbody**

### Water Quality Statements:

<b><u>Parameter, Unit:</u></b>	<b><u>Average</u></b>	<b><u>Maximum</u></b>	<b><u>Minimum</u></b>
Chlorophyll a mg/m3	2.68	4.03	1.33
Chlorophyll a (Corrected) mg/m3	2.68	4.03	1.33
Color Pt-Co	415	500	330
Conductivity @ 25C umhos/cm	110	132	88
Dissolved Oxygen (DO) mg/l	4.23	4.95	3.51
Fecal Coliform (FC) CFU	58	70	45
Nitrogen ammonia (NH3) mg/l	0.060	0.079	0.041
Nitrogen Kjeldahl (TKN) mg/l	1.747	1.954	1.539
Nitrogen Nitrate+Nitrite (NOx) mg/l	0.069	0.100	0.037
Nitrogen Total (TN) mg/l	1.81	1.99	1.64
pH Std Unit	6.55	6.57	6.53
Phosphorus Total (TP) mg/l	0.146	0.149	0.143
Temperature Deg C	23.29	23.68	22.9
Total Coliform (TC) CFU	225	250	200
Turbidity NTU	1.7	2.0	1.4

# WITHLACHOOCHEE RIVER GREEN SWAMP Water Quality Index



STA NAME: WITHLACOO RVR1

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