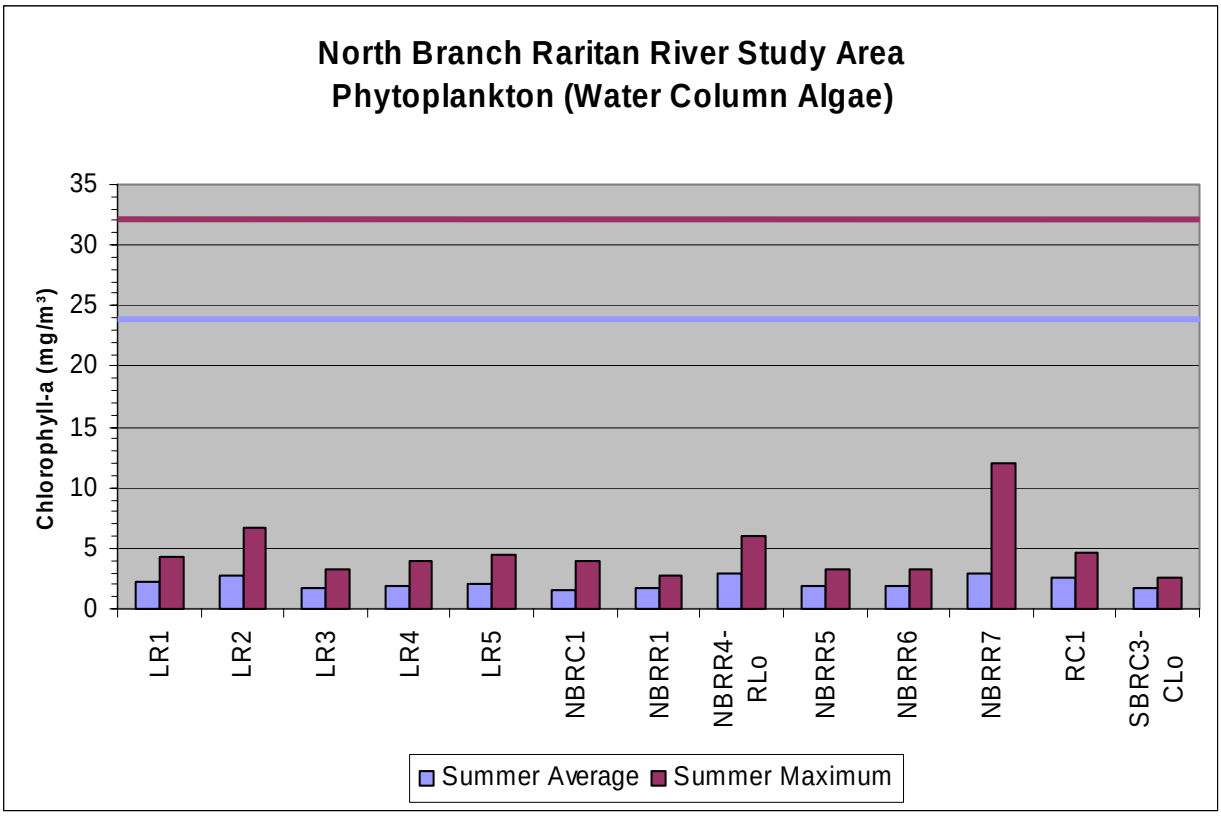
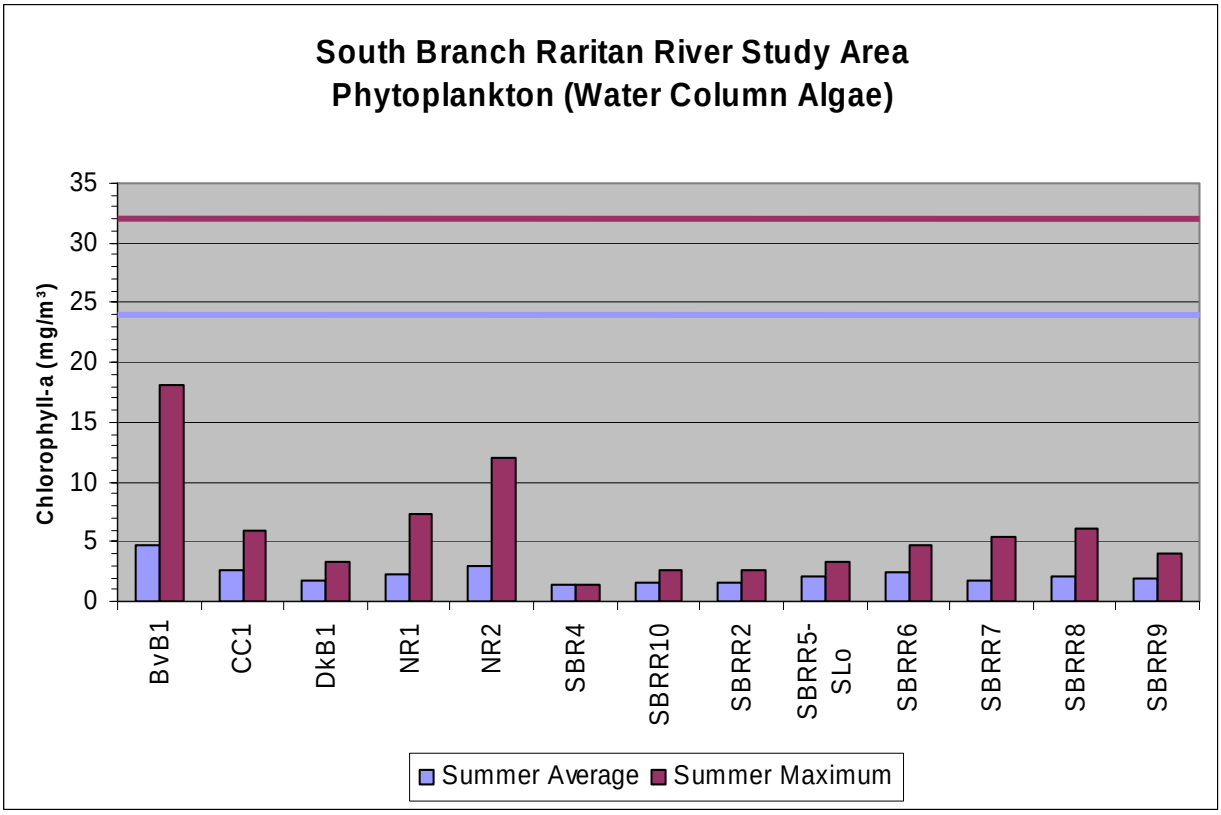
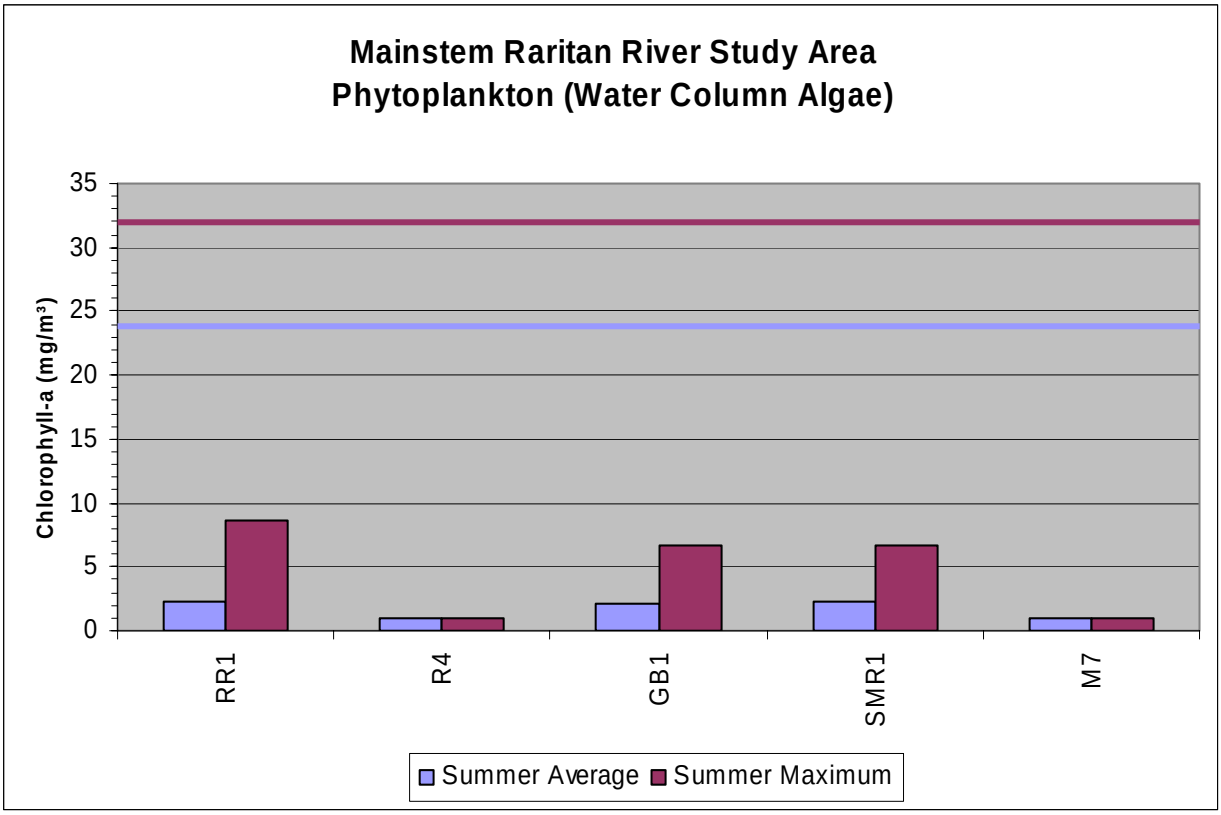
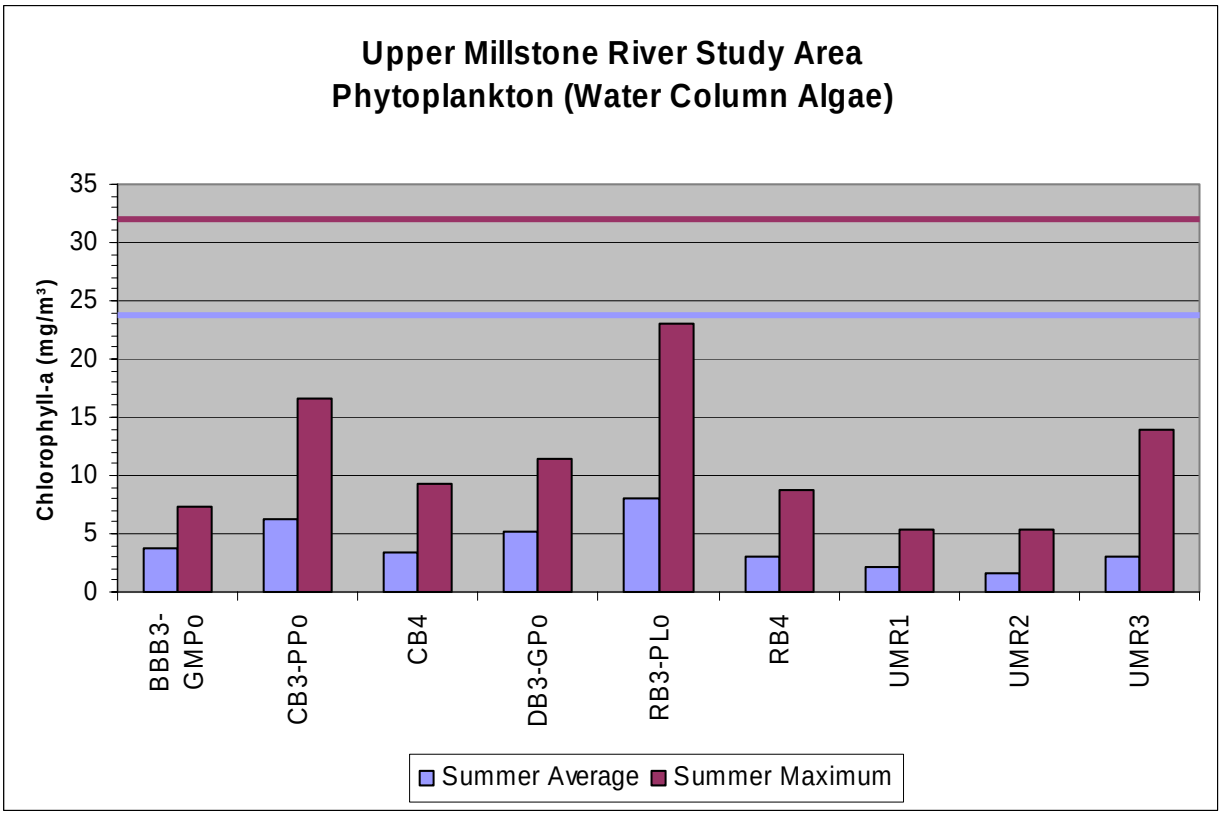
APPENDIX H

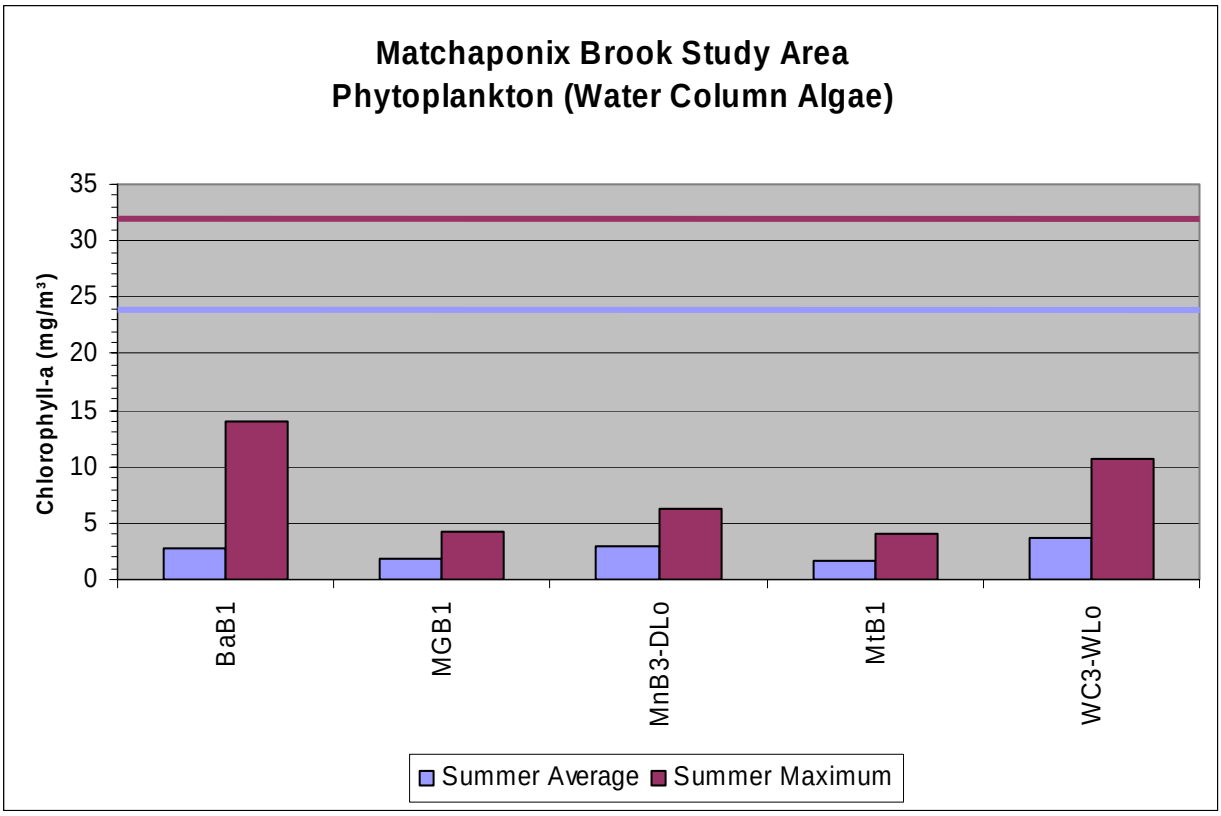
Water Column and Attached Algae Data Graphs

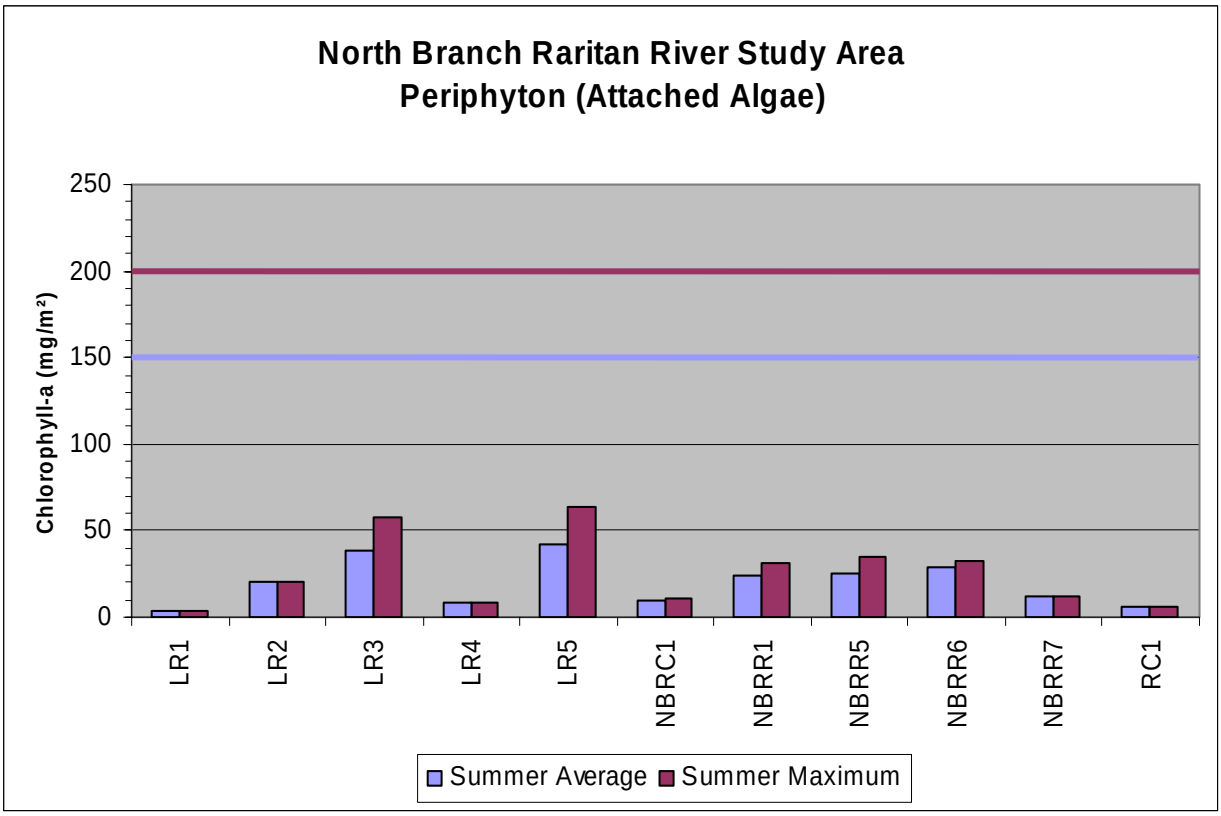

North Branch Raritan River Study Area
Phytoplankton (Water Column Algae)
Chlorophyll-a (mg/m³)
35
30
25
20
15
10
5
0
LR1
LR2
LR3
LR4
LR5
NBRC1
NBRR1
NBRR4-RLo
NBRR5
NBRR6
NBRR7
RC1
SBRC3-CLo
Summer Average
Summer Maximum

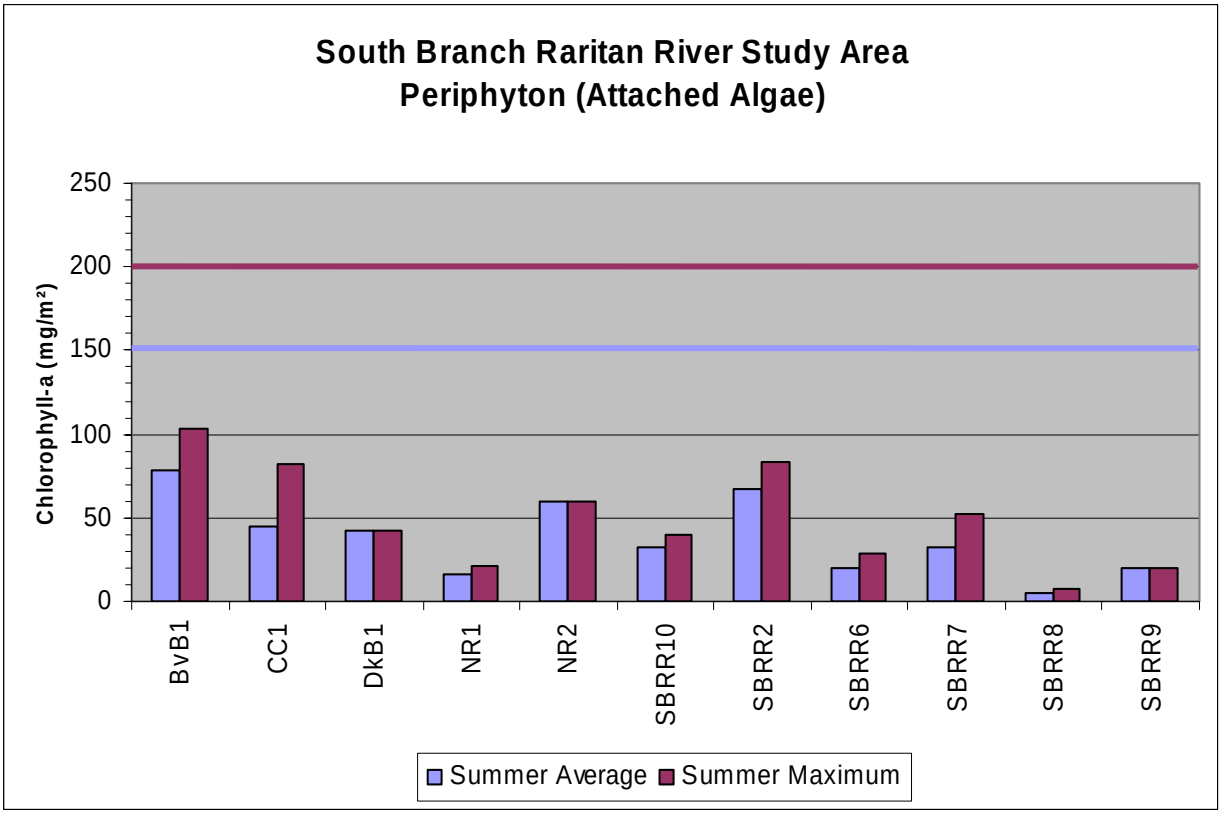

South Branch Raritan River Study Area
Phytoplankton (Water Column Algae)
Chlorophyll-a (mg/m³)
35
30
25
20
15
10
5
0
BvB1
CC1
DkB1
NR1
NR2
SBR4
SBRR10
SBRR2
SBRR5-SLo
SBRR6
SBRR7
SBRR8
SBRR9
Summer Average
Summer Maximum

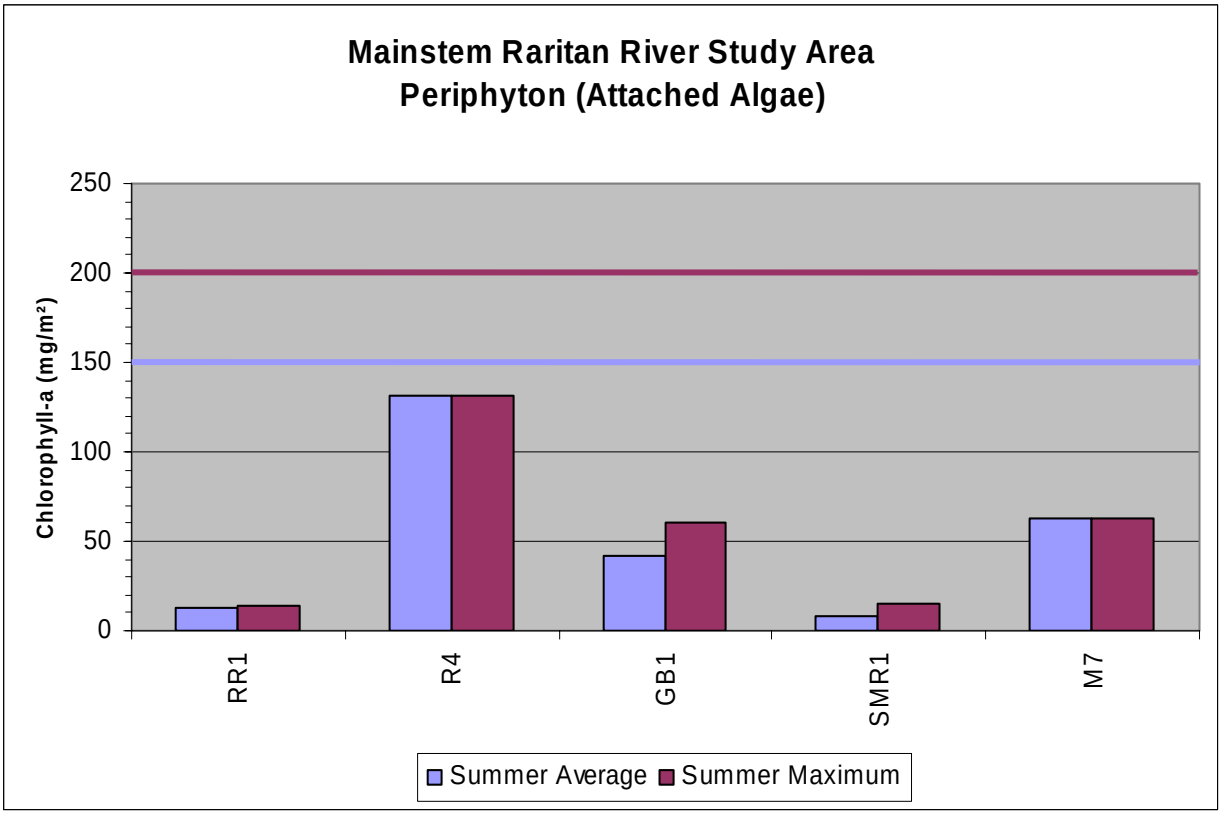

Mainstem Raritan River Study Area
Phytoplankton (Water Column Algae)
Chlorophyll-a (mg/m³)
35
30
25
20
15
10
5
0
RR1
R4
GB1
SMR1
M7
Summer Average
Summer Maximum

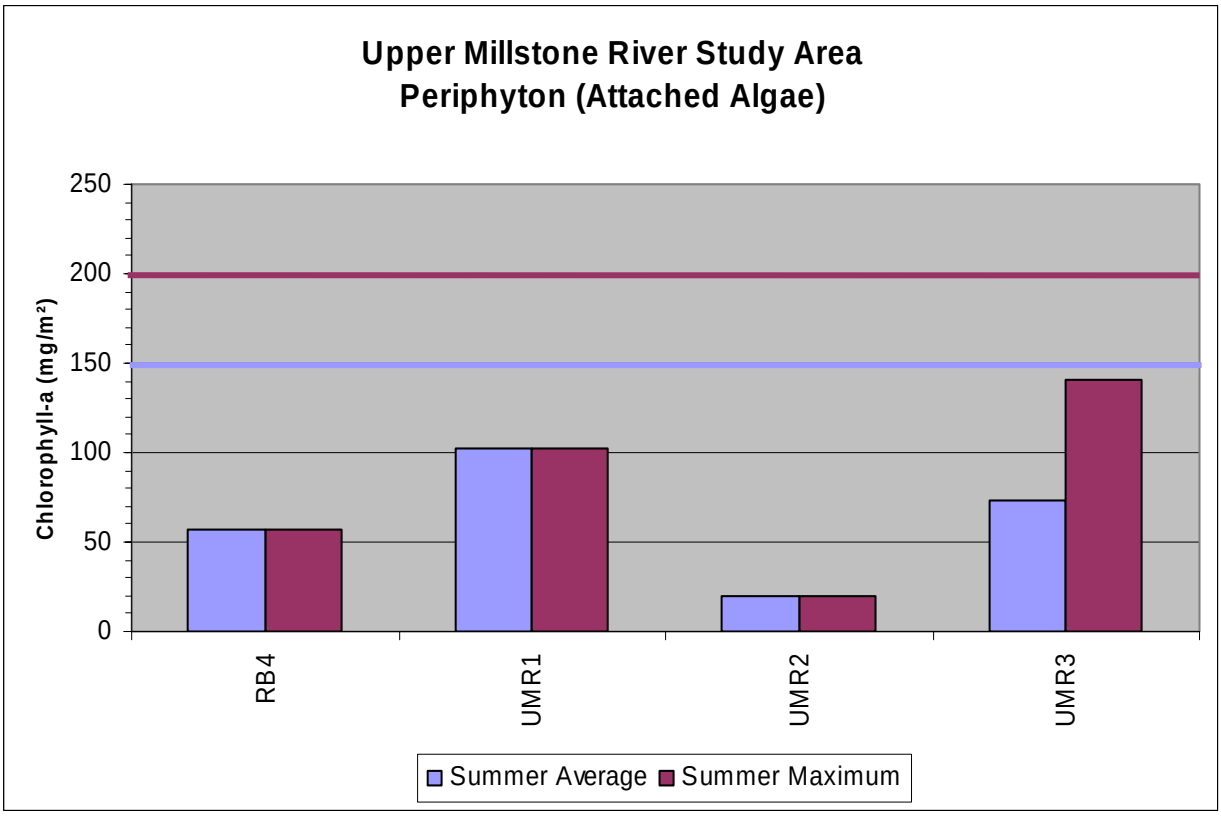

Upper Millstone River Study Area
Phytoplankton (Water Column Algae)
Chlorophyll-a (mg/m³)
35
30
25
20
15
10
5
0
BBB3-GMP0
CB3-PP0
CB4
DB3-GP0
RB3-PL0
RB4
UMR1
UMR2
UMR3
Summer Average
Summer Maximum

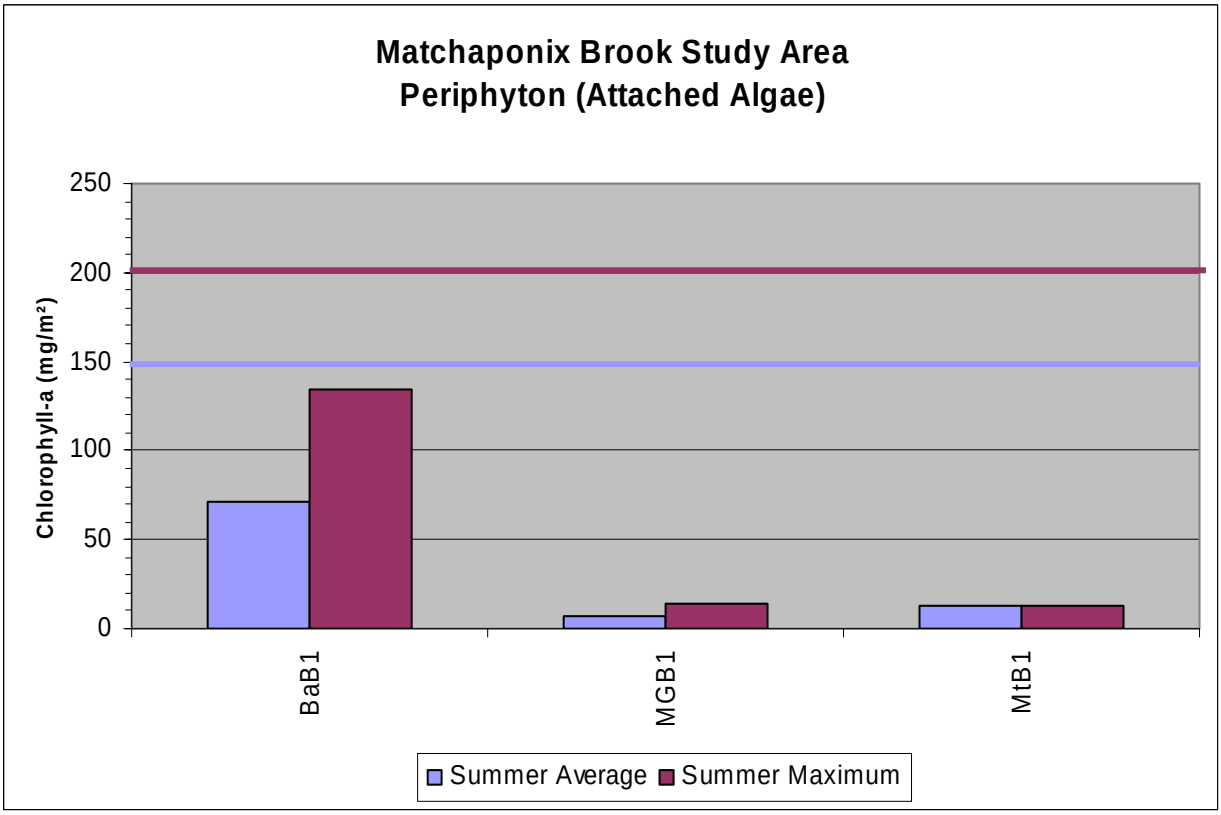

Matchaponix Brook Study Area
Phytoplankton (Water Column Algae)
Chlorophyll-a (mg/m³)
35
30
25
20
15
10
5
0
BaB1
MGB1
MnB3-DLo
MtB1
WC3-WLo
Summer Average
Summer Maximum

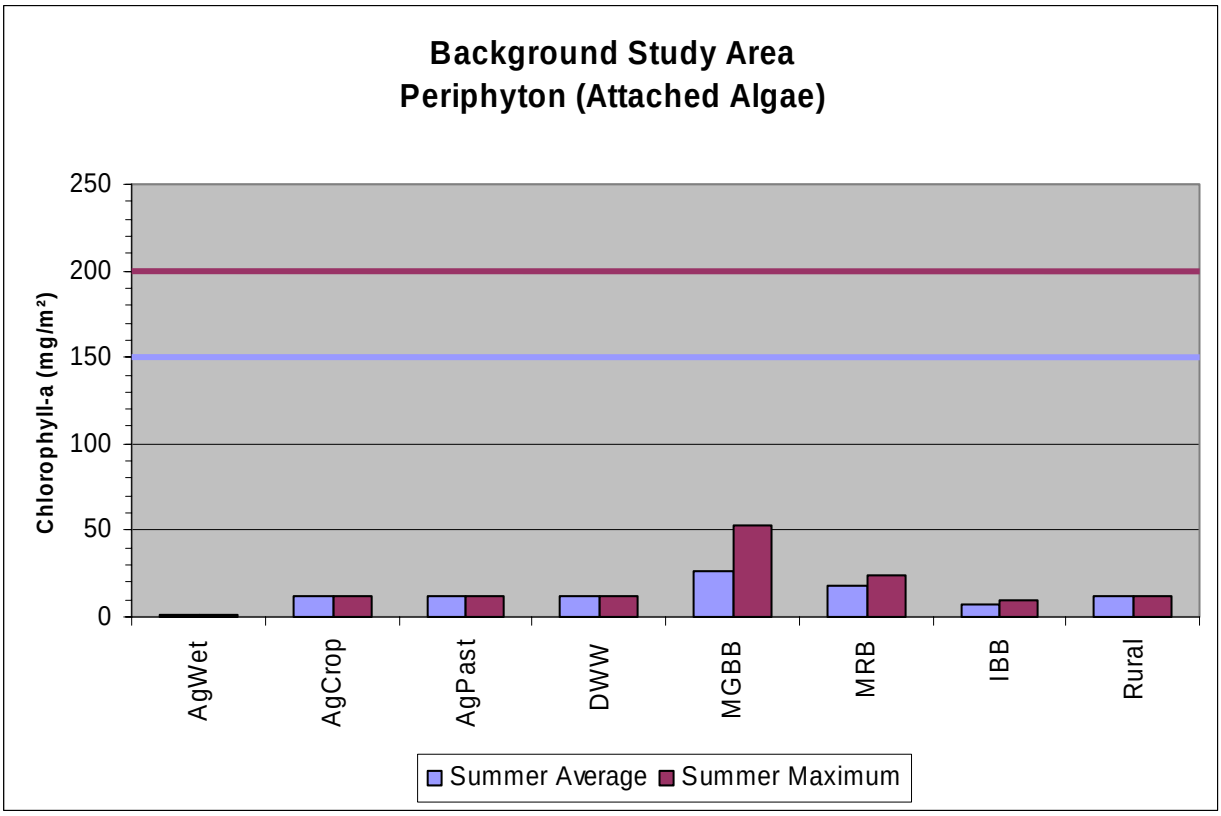

North Branch Raritan River Study Area
Periphyton (Attached Algae)
Chlorophyll-a (mg/m²)
250
200
150
100
50
0
LR1
LR2
LR3
LR4
LR5
NBRC1
NBRR1
NBRR5
NBRR6
NBRR7
RC1
Summer Average
Summer Maximum


South Branch Raritan River Study Area
Periphyton (Attached Algae)
Chlorophyll-a (mg/m²)
250
200
150
100
50
0
BvB1
CC1
DkB1
NR1
NR2
SBRR10
SBRR2
SBRR6
SBRR7
SBRR8
SBRR9
Summer Average
Summer Maximum


Mainstem Raritan River Study Area
Periphyton (Attached Algae)
Chlorophyll-a (mg/m²)
250
200
150
100
50
0
RR1
R4
GB1
SMR1
M7
Summer Average
Summer Maximum


Upper Millstone River Study Area
Periphyton (Attached Algae)
Chlorophyll-a (mg/m²)
250
200
150
100
50
0
RB4
UMR1
UMR2
UMR3
Summer Average
Summer Maximum


Matchaponix Brook Study Area
Periphyton (Attached Algae)
Chlorophyll-a (mg/m²)
250
200
150
100
50
0
BaB1
MGB1
MtB1
Summer Average
Summer Maximum


Background Study Area
Periphyton (Attached Algae)
Chlorophyll-a (mg/m²)
250
200
150
100
50
0
AgWet
AgCrop
AgPast
DWW
MGBB
MRB
IBB
Rural
Summer Average
Summer Maximum