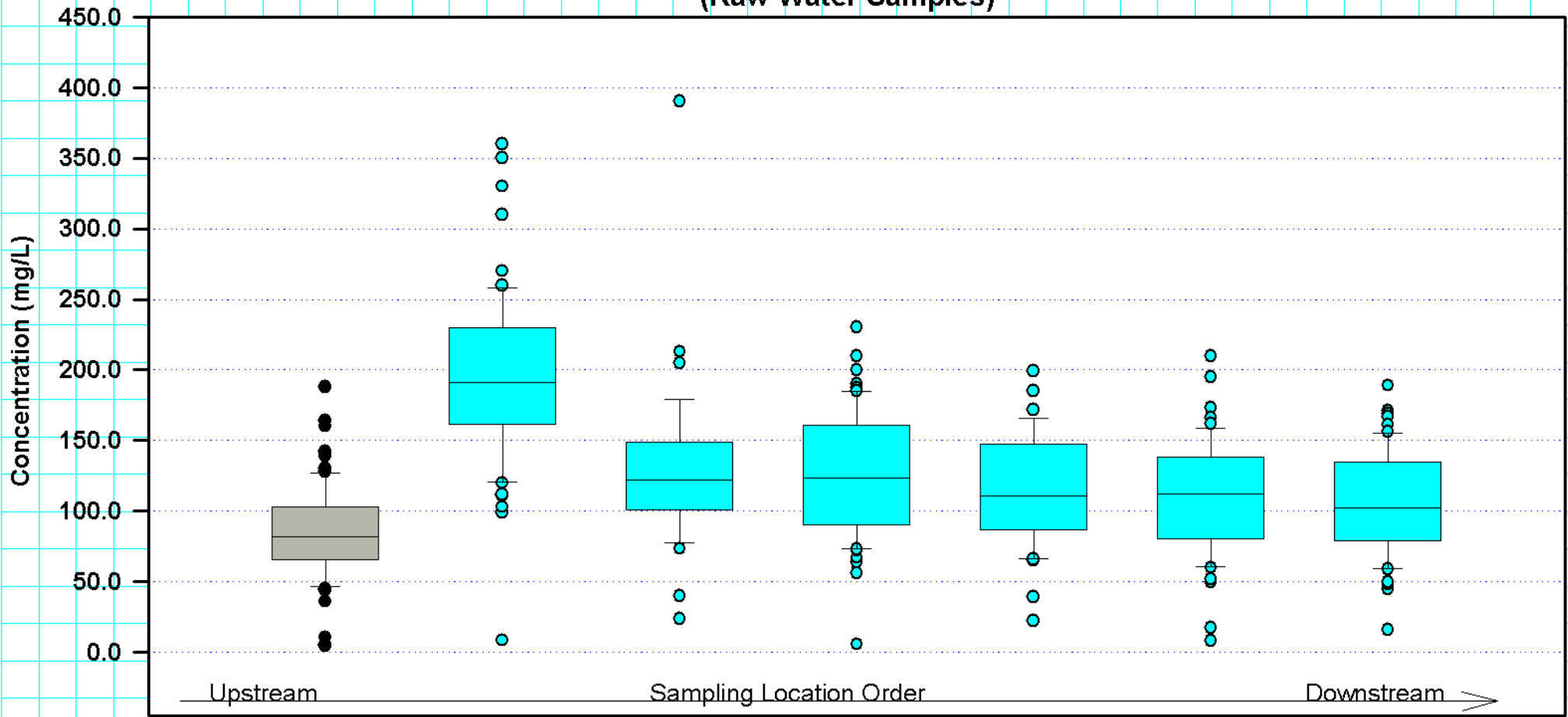


**Carp River Subwatershed  
(City of Ottawa Baseline Water Quality Program, PWQMN) - 2000-06  
(Raw Water Samples)**



Poole Creek/CK70 - 05

**Carp River/R010 - 09**

**Carp River/18-3370-101-02**

**Carp River/R010 - 06**

**Carp River/18-3370-121-02**

**Carp River/R010 - 14**

**Carp River/R010 - 01**

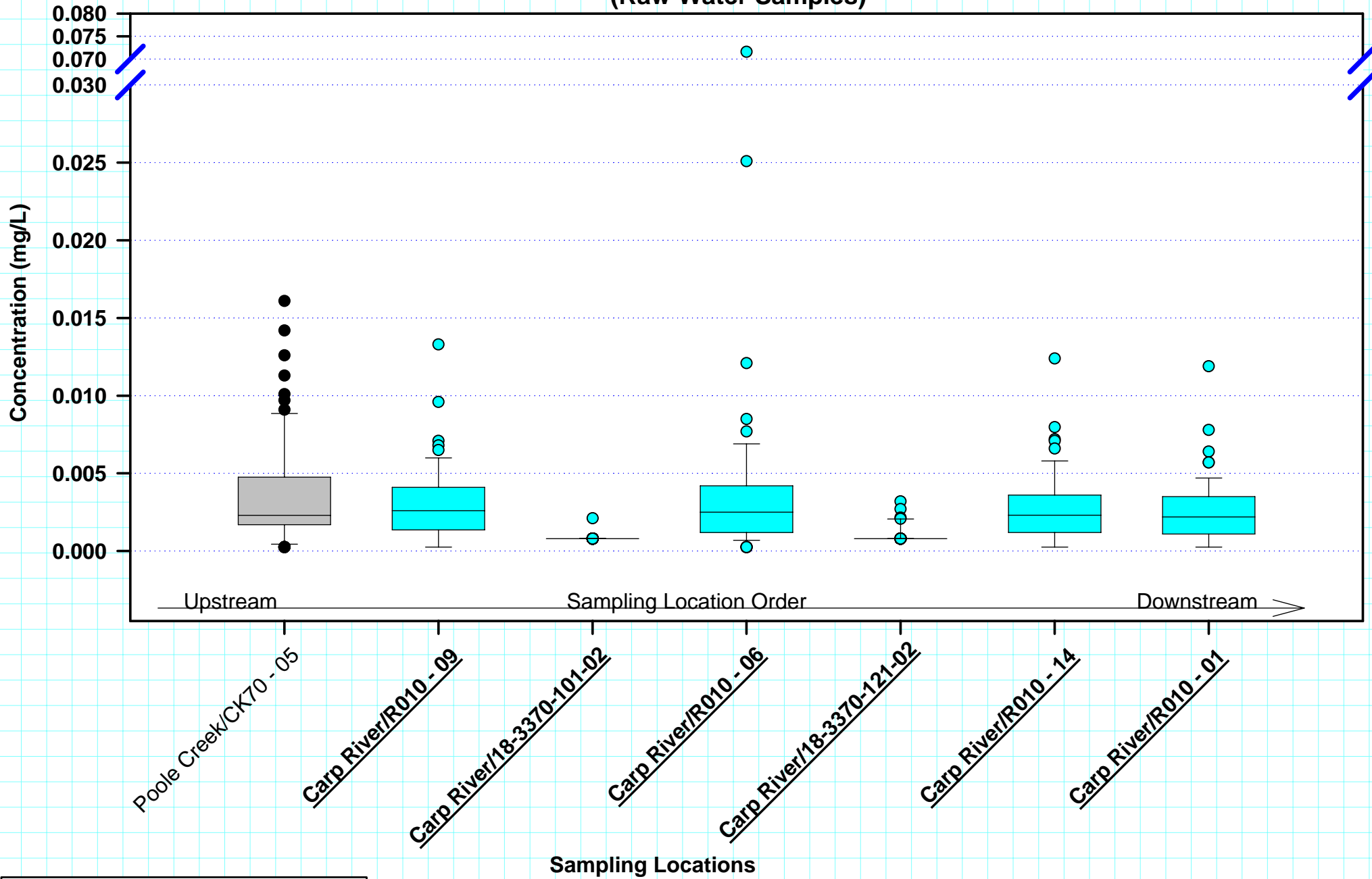
Sampling Locations

Chloride Levels  
 Chloride Levels (Main River)

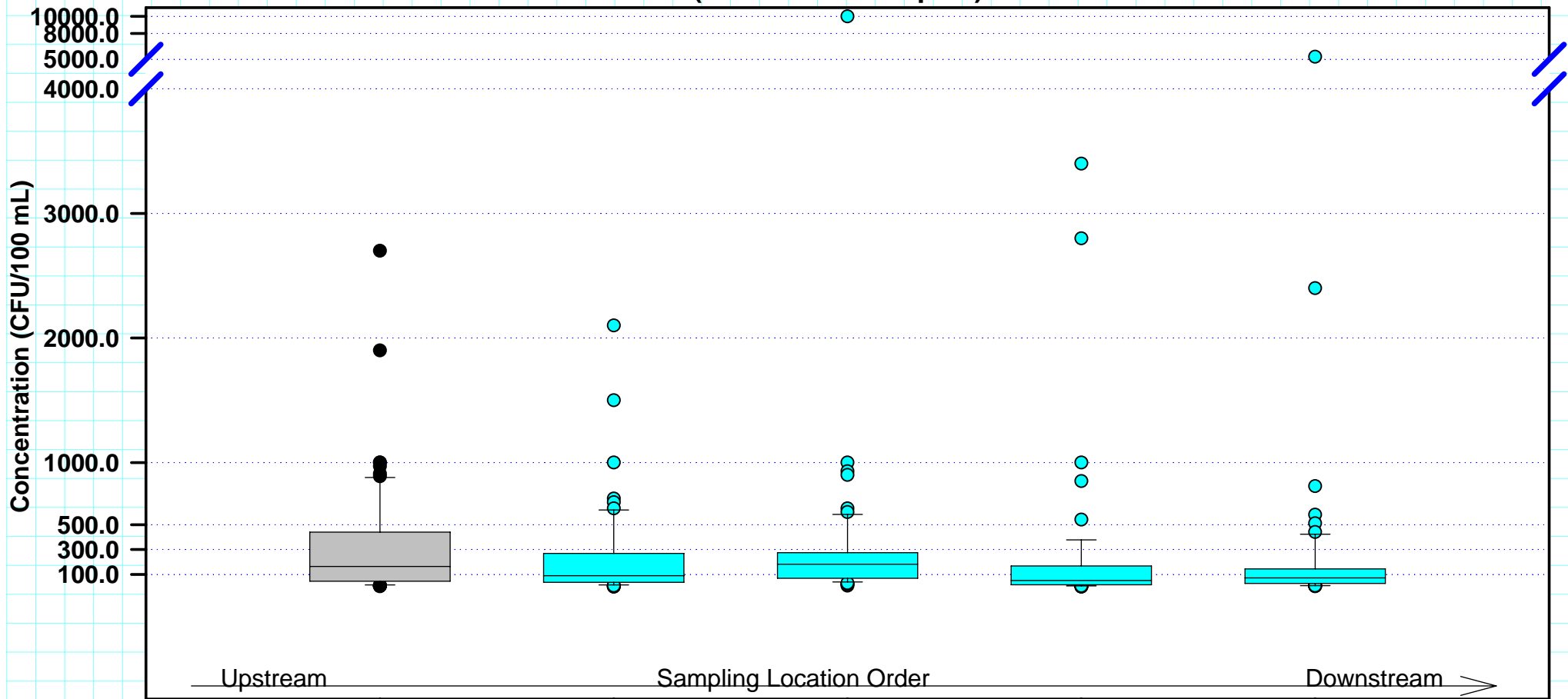
ODWSOG (AO = 250 mg/L)

Main River bolded & underlined on Sampling Location axis.

**Carp River Subwatershed**  
**(City of Ottawa Baseline Water Quality Program, PWQMN) - 2000-06**  
**(Raw Water Samples)**



**Carp River Subwatershed  
(City of Ottawa Baseline Water Quality Program, PWQMN) - 2000-06  
(Raw Water Samples)**



Upstream

Sampling Location Order

Downstream >

Poole Creek/CK70 - 05

Carp River/R010 - 09

Carp River/R010 - 06

Carp River/R010 - 14

Carp River/R010 - 01

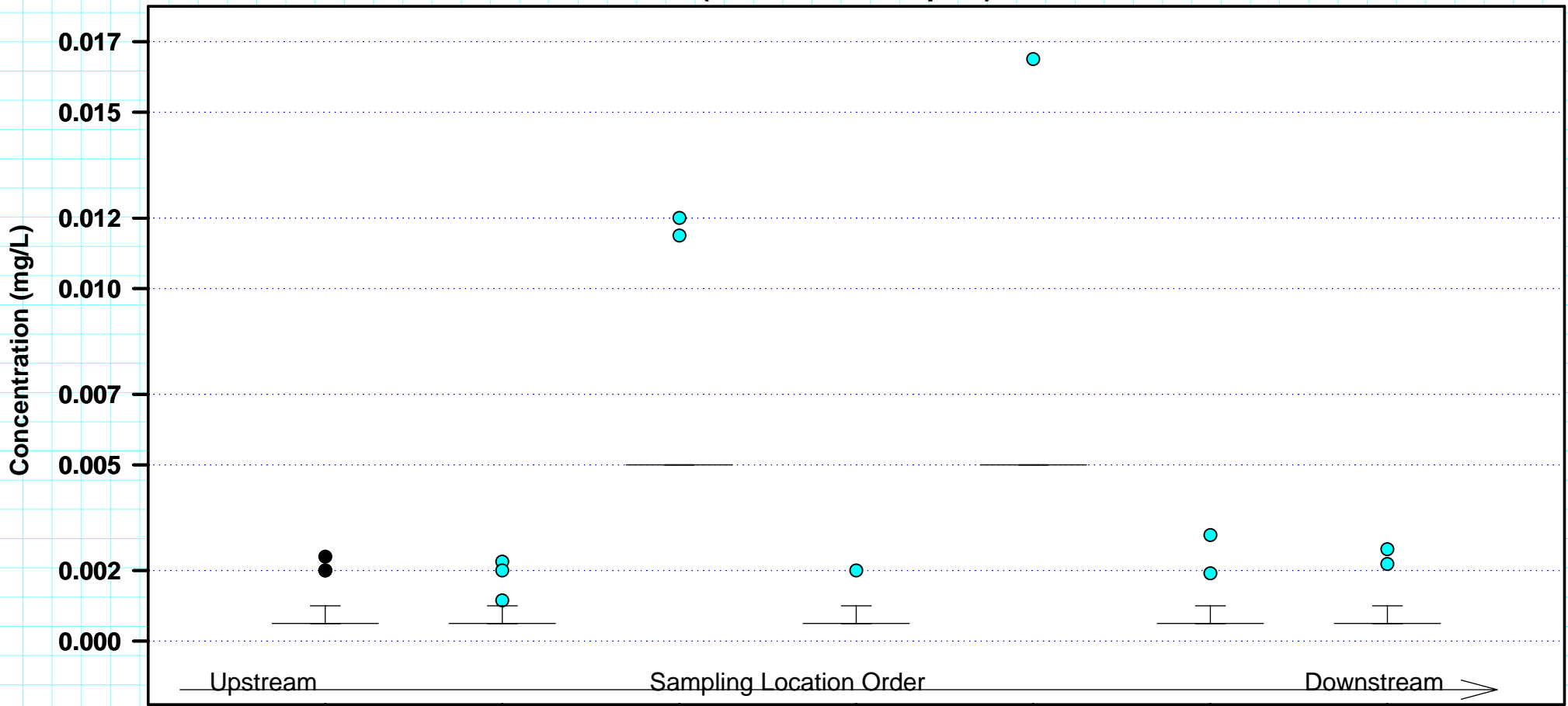
Sampling Locations

E.coli Levels  
 E.coli Levels (Main River)

PWQO (100 CFU/ 100 mg/L)

Main River bolded & underlined on Sampling Location axis.

**Carp River Subwatershed  
 (City of Ottawa Baseline Water Quality Program, PWQMN) - 2000-06  
 (Raw Water Samples)**



Poole Creek/CK70 - 05

**Carp River/R010 - 09**

**Carp River/18-3370-101-02**

**Carp River/R010 - 06**

**Carp River/18-3370-121-02**

**Carp River/R010 - 14**

**Carp River/R010 - 01**

**Sampling Locations**

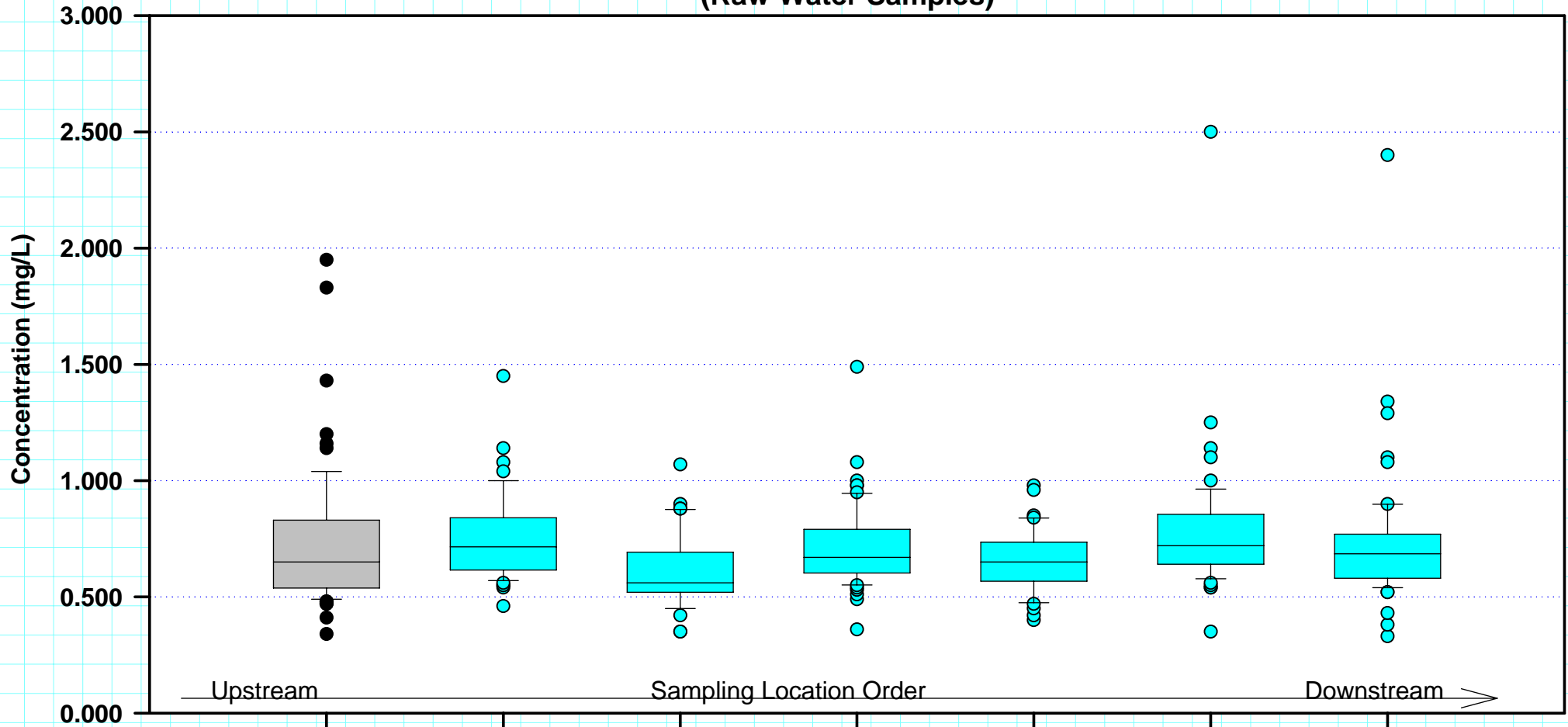
The PWQO for lead varies from 0.005 mg/L to 0.025mg/L depending upon alkalinity concentrations

Main River bolded & underlined on **Sampling Location** axis.

	Lead Levels
	Lead Levels (Main River)



**Carp River Subwatershed  
 (City of Ottawa Baseline Water Quality Program, PWQMN) - 2000-06  
 (Raw Water Samples)**



Poole Creek/CK70 - 05

Carp River/R010 - 09

Carp River/18-3370-101-02

Carp River/R010 - 06

Carp River/18-3370-121-02

Carp River/R010 - 14

Carp River/R010 - 01

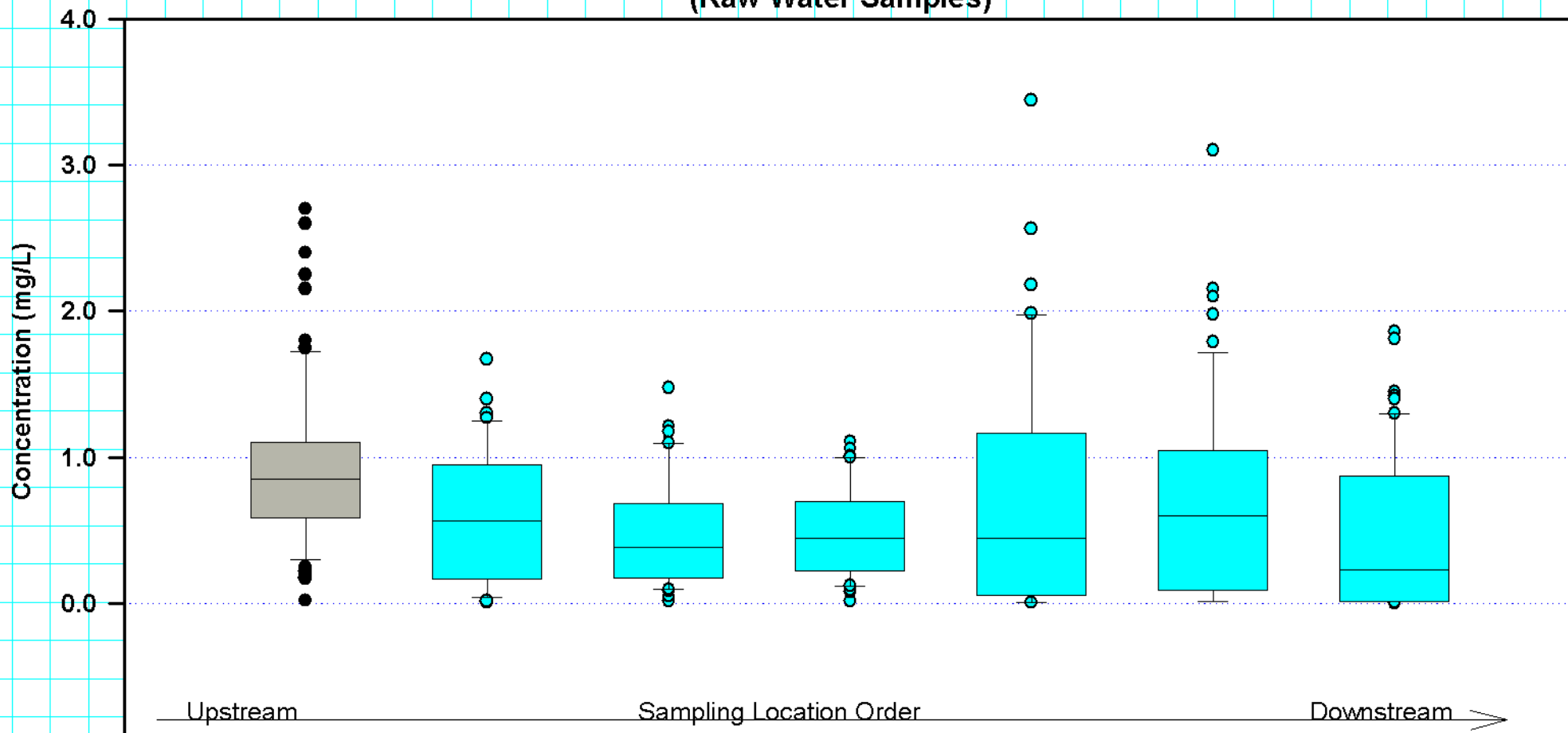
Sampling Locations

Total Kjeldahl Nitrogen (TKN)\* Levels  
 Total Kjeldahl Nitrogen (TKN)\* Levels (Main River)

EC (0.5 mg/L)

Main River bolded & underlined on Sampling Location axis.

**Carp River Subwatershed  
 (City of Ottawa Baseline Water Quality Program, PWQMN) - 2000-06  
 (Raw Water Samples)**



Poole Creek/CK70 - 05

**Carp River/R010 - 09**

**Carp River/18-3370-101-02**

**Carp River/R010 - 06**

**Carp River/18-3370-121-02**

**Carp River/R010 - 14**

**Carp River/R010 - 01**

Total Nitrate & Nitrite Levels  
 Total Nitrate & Nitrate Levels (Main River)

**Sampling Locations**

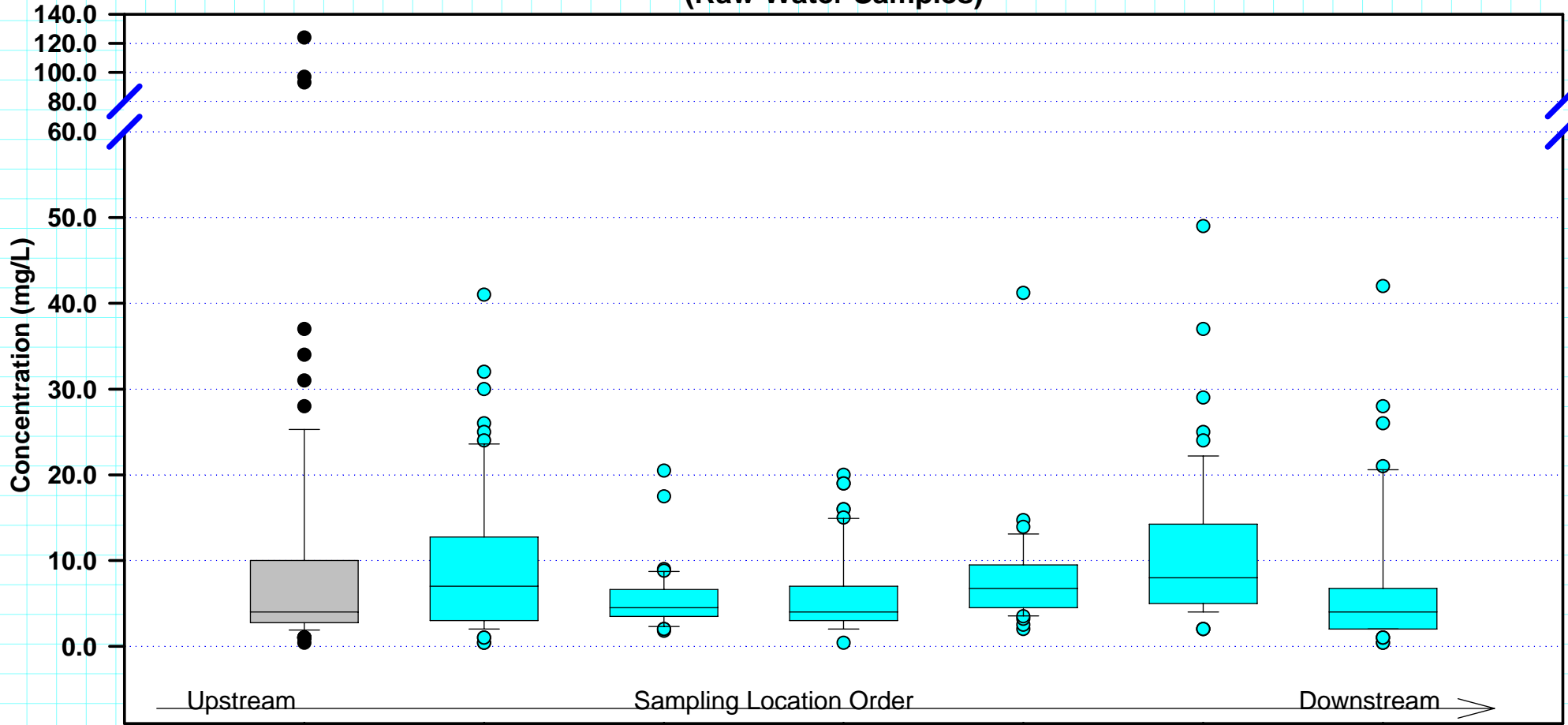
ODWQS (MAC = 10.0 mg/L)

Main River bolded & underlined on Sampling Location axis.





**Carp River Subwatershed  
 (City of Ottawa Baseline Water Quality Program, PWQMN) - 2000-06  
 (Raw Water Samples)**

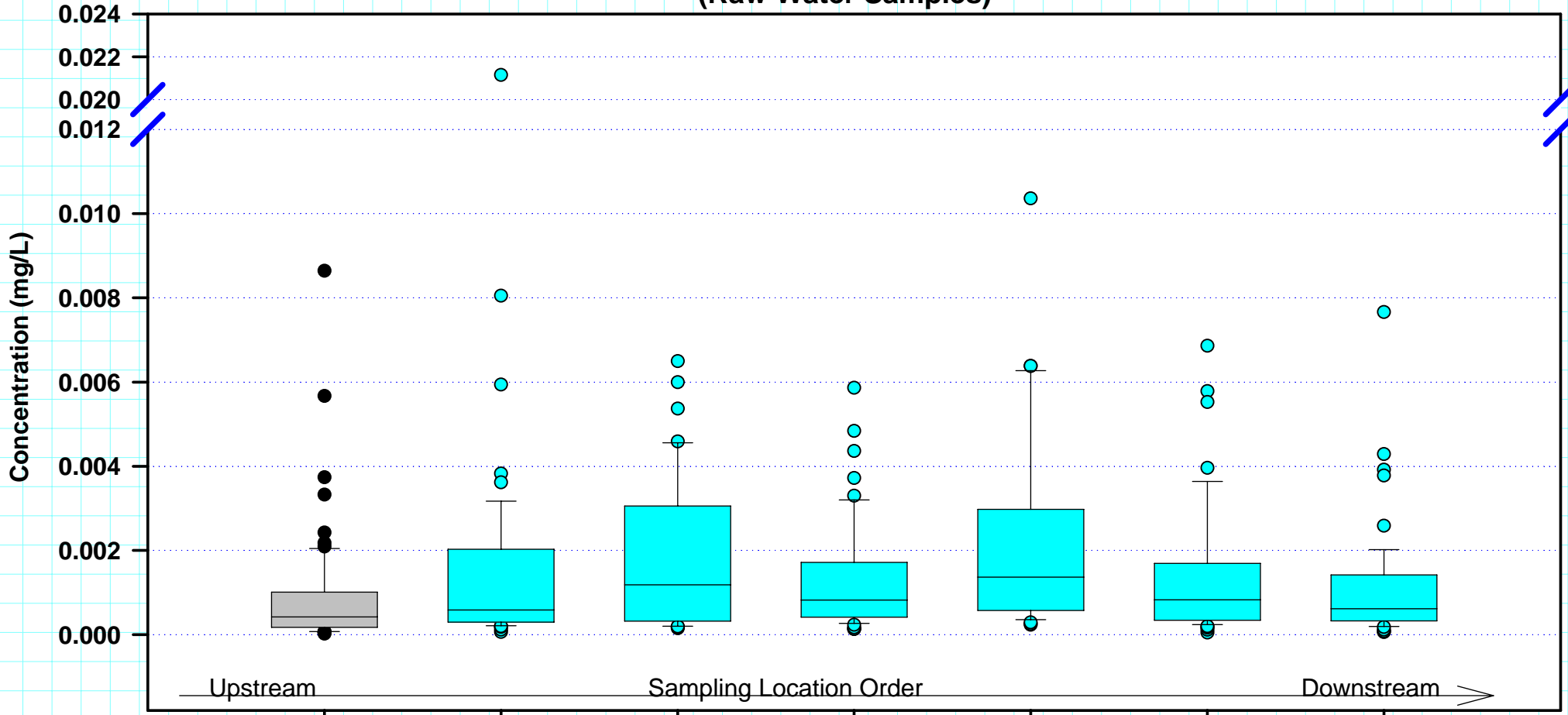


Total Suspended Solids (TSS) Levels  
 Total Suspended Solids (TSS) Levels (Main River)

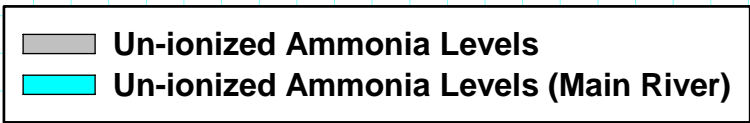
CWQG (chap.4 = 10.0 mg/L)

Main River bolded & underlined on Sampling Location axis.

**Carp River Subwatershed  
 (City of Ottawa Baseline Water Quality Program, PWQMN) - 2000-06  
 (Raw Water Samples)**



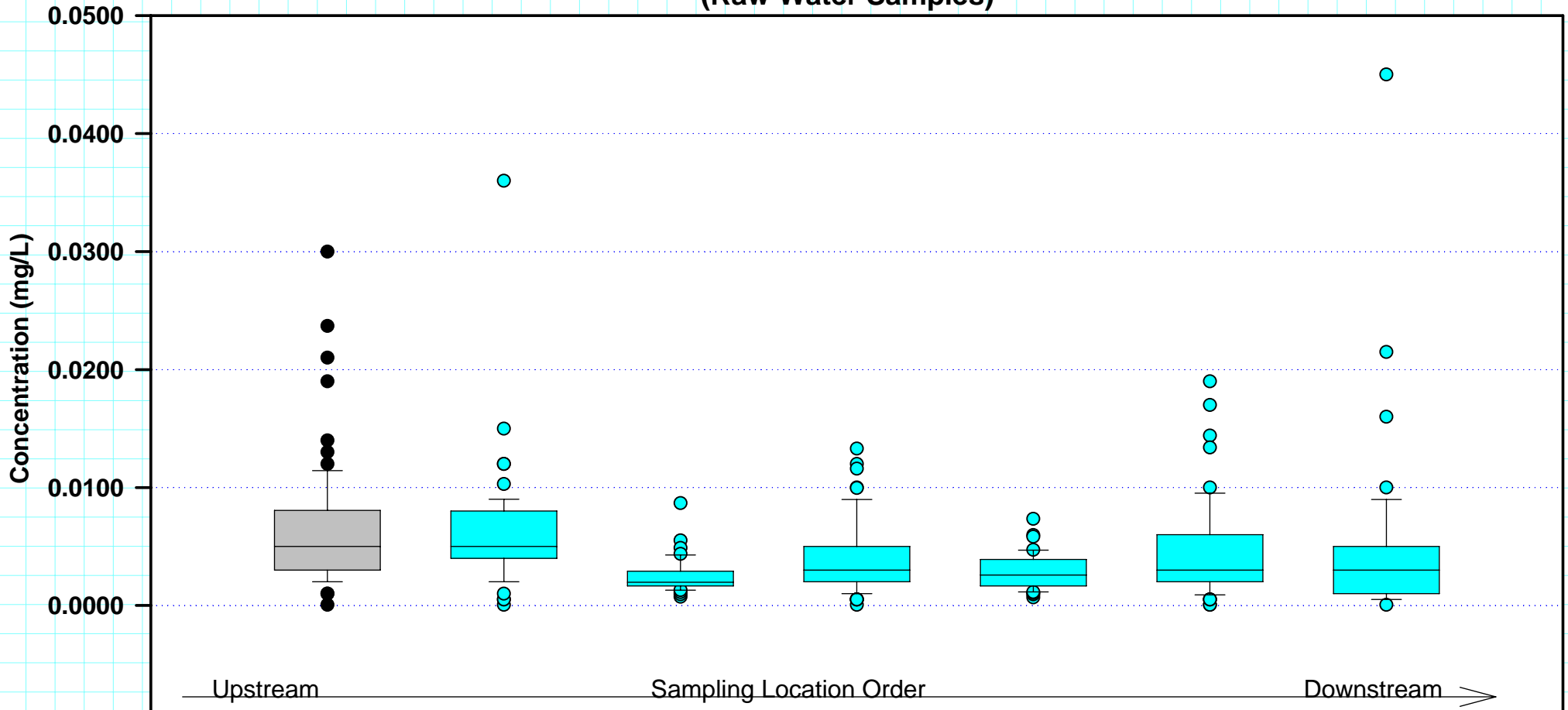
**PWQO (0.02 mg/L)**



**Sampling Locations**

Main River bolded & underlined on **Sampling Location** axis.

**Carp River Subwatershed  
(City of Ottawa Baseline Water Quality Program, PWQMN) - 2000-06  
(Raw Water Samples)**



Poole Creek/CK70 - 05

Carp River/R010 - 09

Carp River/18-3370-101-02

Carp River/R010 - 06

Carp River/18-3370-121-02

Carp River/R010 - 14

Carp River/R010 - 01

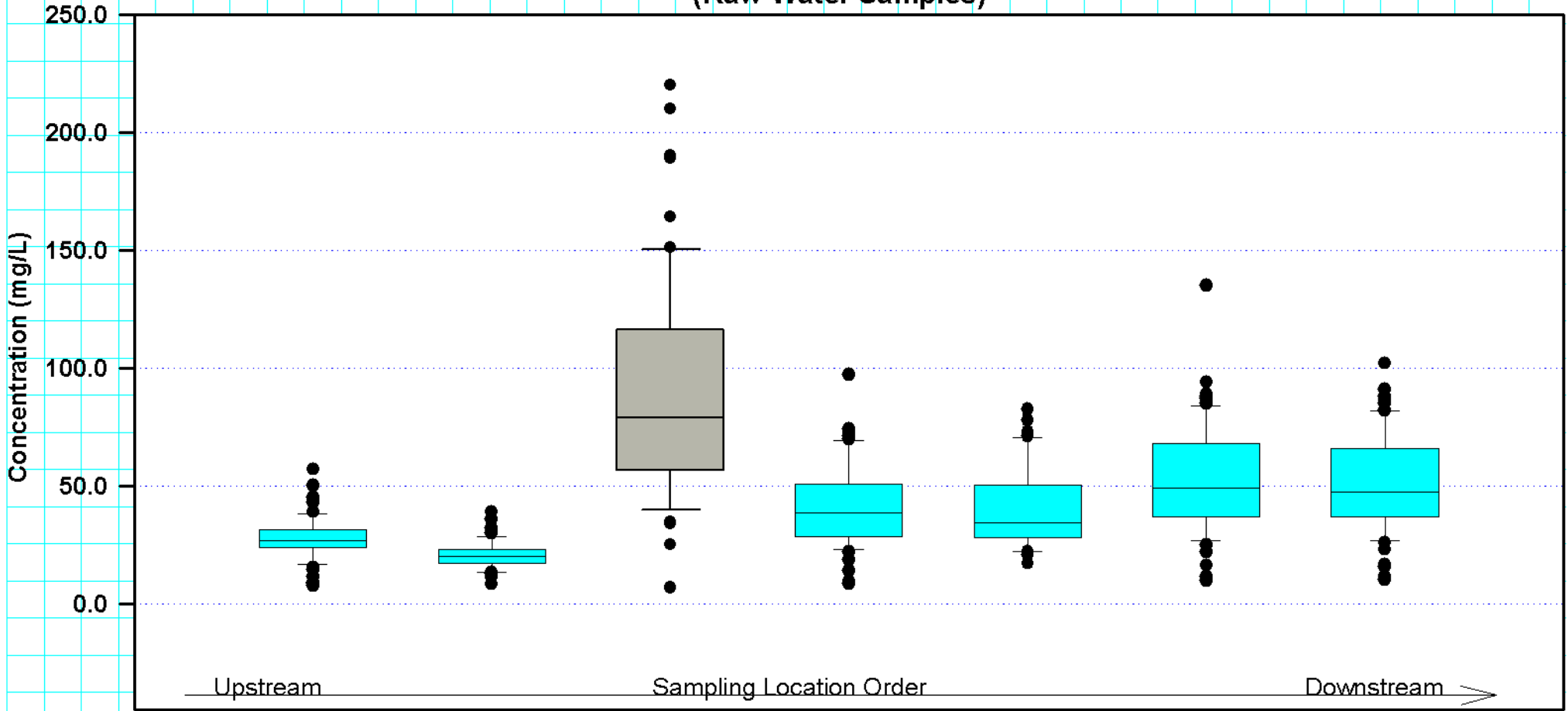
Sampling Locations



PWQO (0.03 mg/L)

Main River bolded & underlined on Sampling Location axis.

**Jock River Subwatershed**  
 (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06  
 (Raw Water Samples)

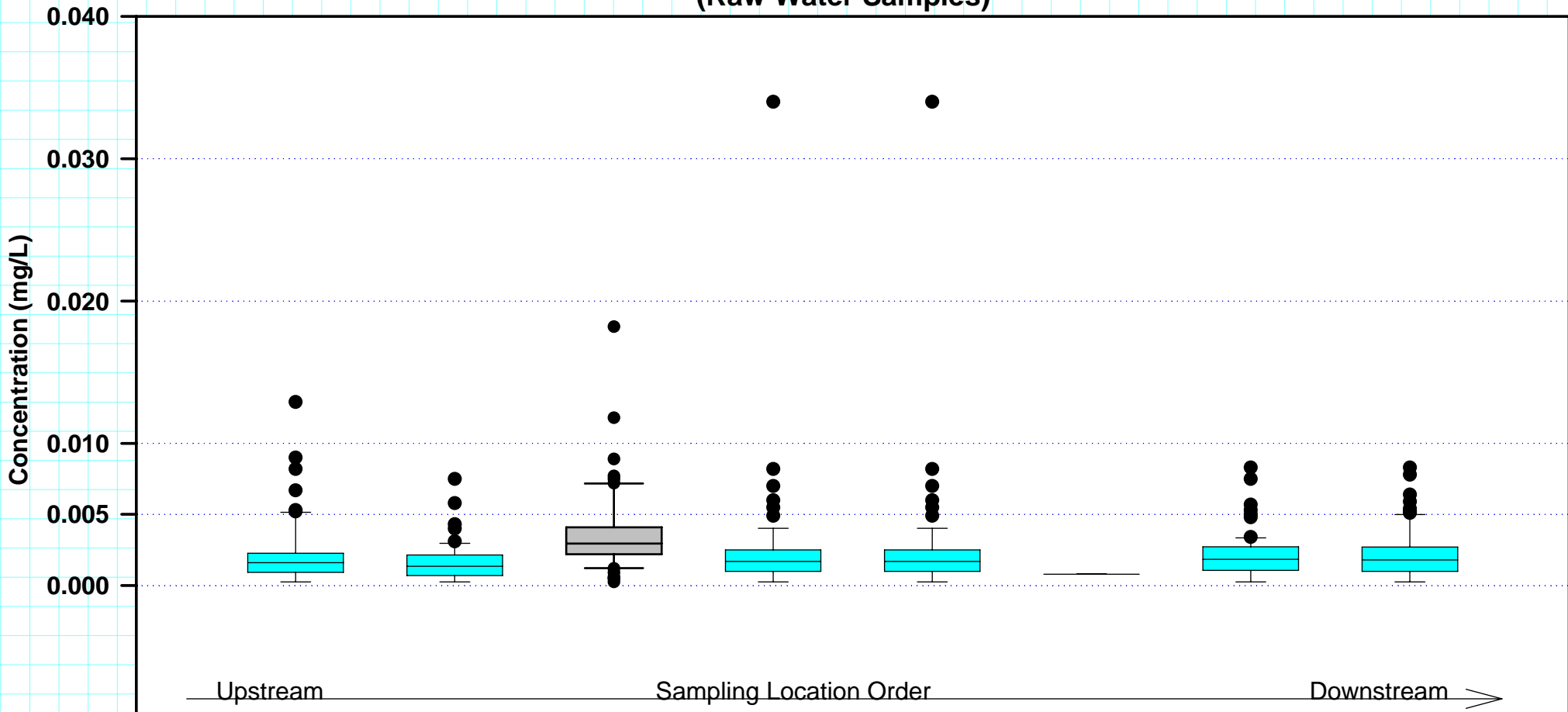


Chloride  
 Chloride (Main River)

ODWSG (AO = 250 mg/L)

Main River bolded & underlined on Sampling Location axis.

# Jock River Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)



*Jock River/JR-20*

*Jock River/JR-12*

*Flowing Creek/CK67-001*

*Jock River/JR-05*

*Jock River/18003303602*

*Jock River/JR-02*

*Jock River/JR-01*

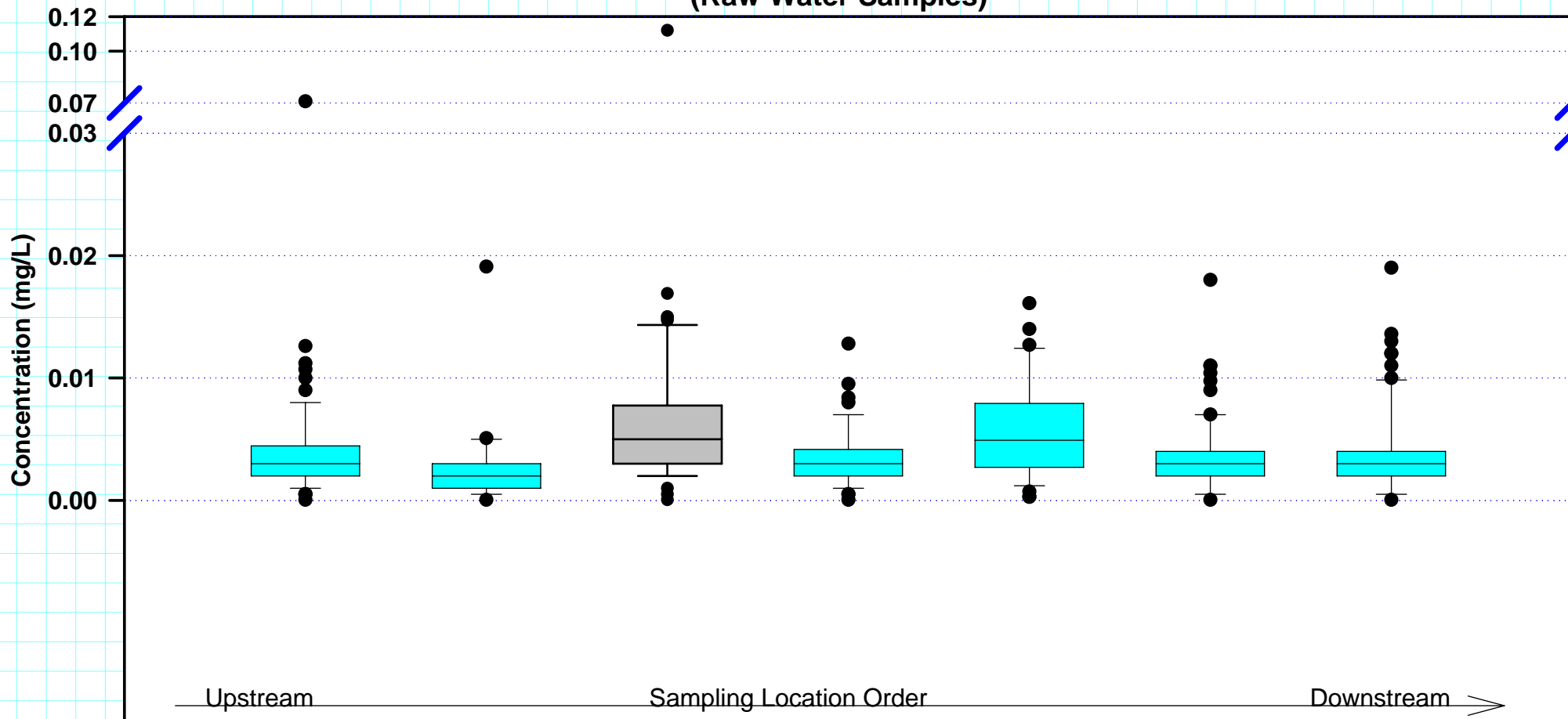
Copper  
 Copper Main River

**PWQO (0.005 mg/L)**

**Main River** bolded & underlined on **Sampling Location** axis.

Sampling Locations

# Jock River Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)



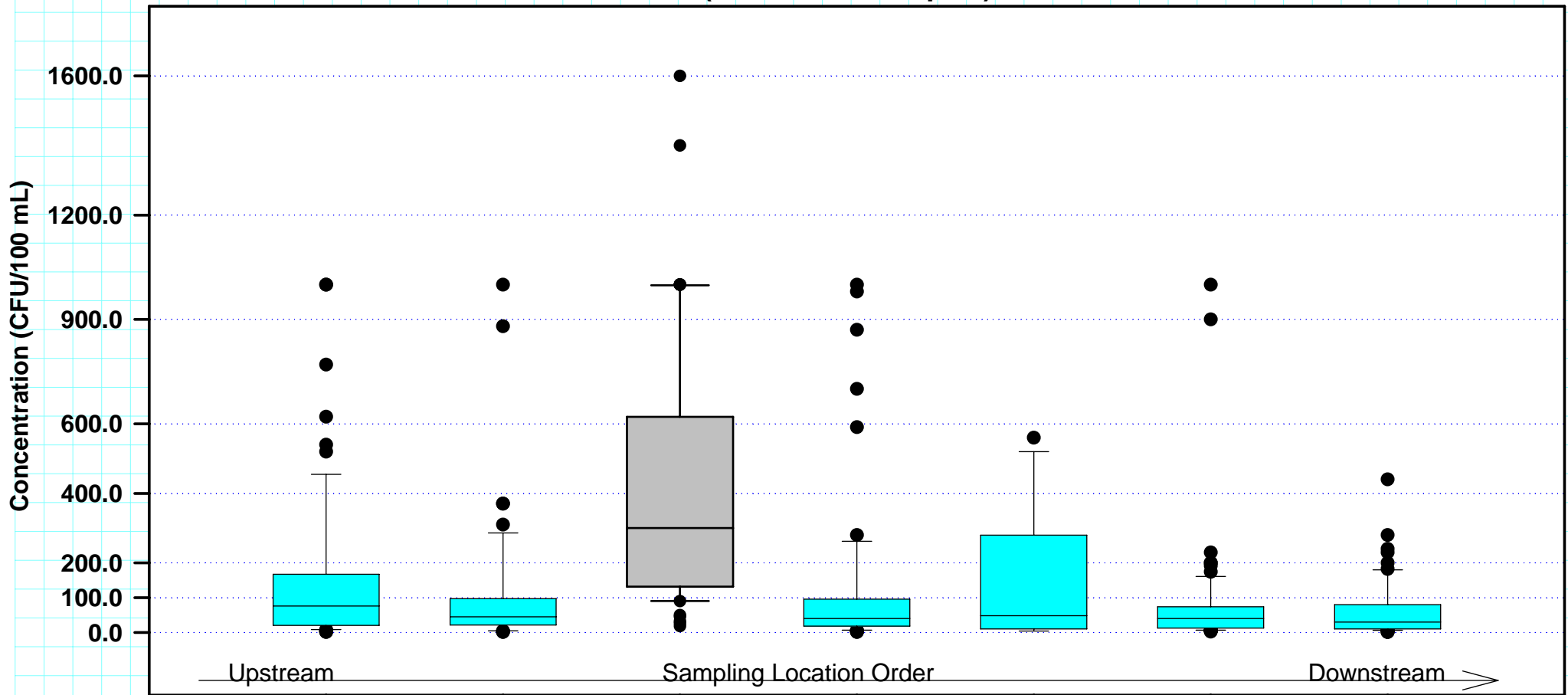
Zinc  
 Zinc (Main River)

Sampling Locations

PWQO (0.03 mg/L)

Main River bolded & underlined on Sampling Location axis.

**Jock River Subwatershed**  
 (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06  
 (Raw Water Samples)



E.coli  
 E.coli (Main River)

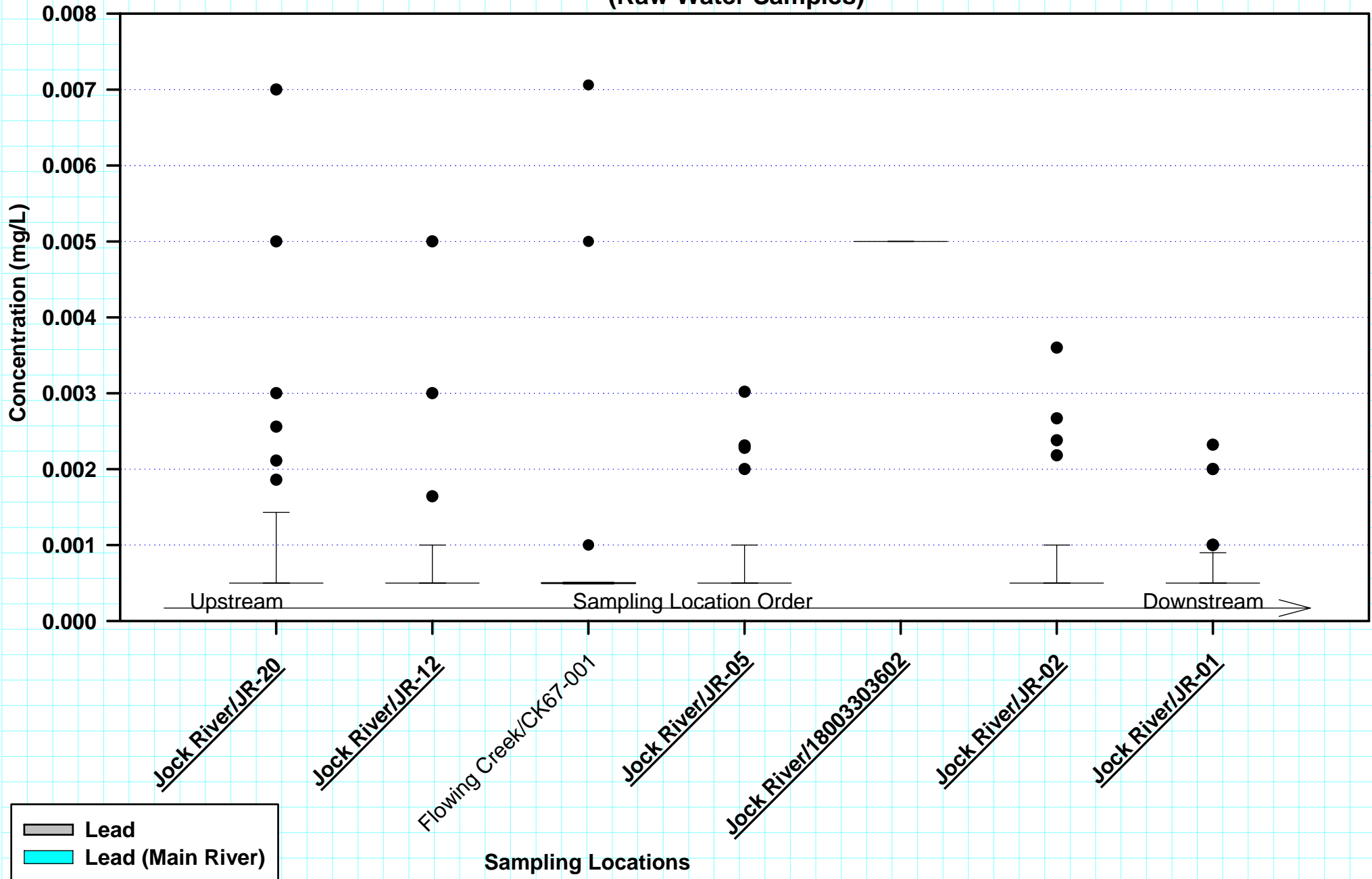
**Sampling Locations**

**PWQO (100 CFU / 100 mL)**

**Main River** bolded & underlined on **Sampling Location** axis.

Sampling result from 7/9/2002 at Flowing Creek/CK67-001 of 10000 CFU/m/L was omitted from the graph because it was out of the concentration range.

**Jock River Subwatershed**  
**(City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06**  
**(Raw Water Samples)**

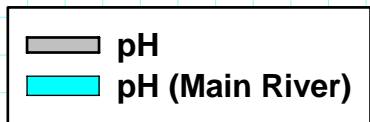
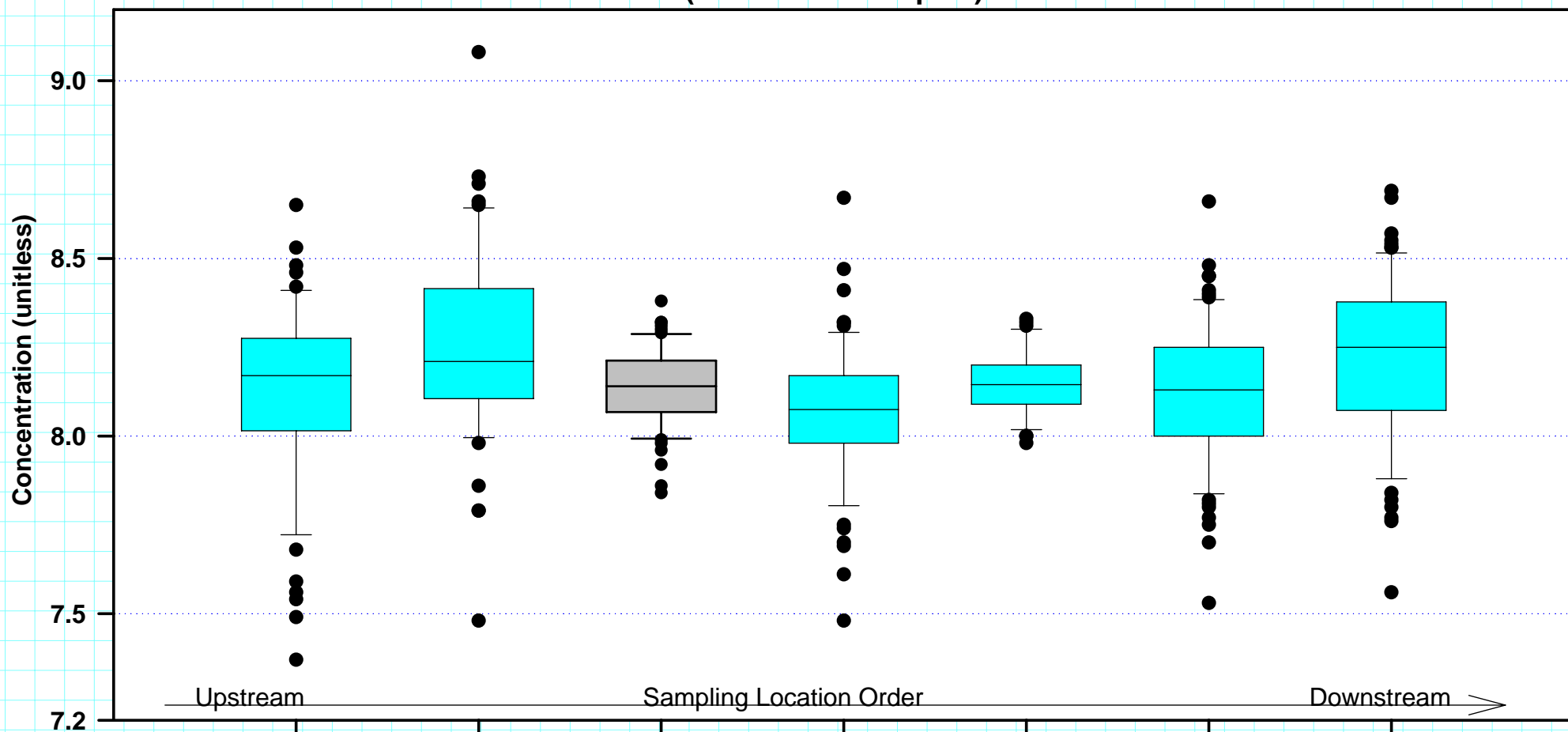


The PWQO for lead varies from 0.005 mg/L to 0.025mg/L depending upon alkalinity concentrations. Interim Criteria is also available.

Main River bolded & underlined on Sampling Location axis.



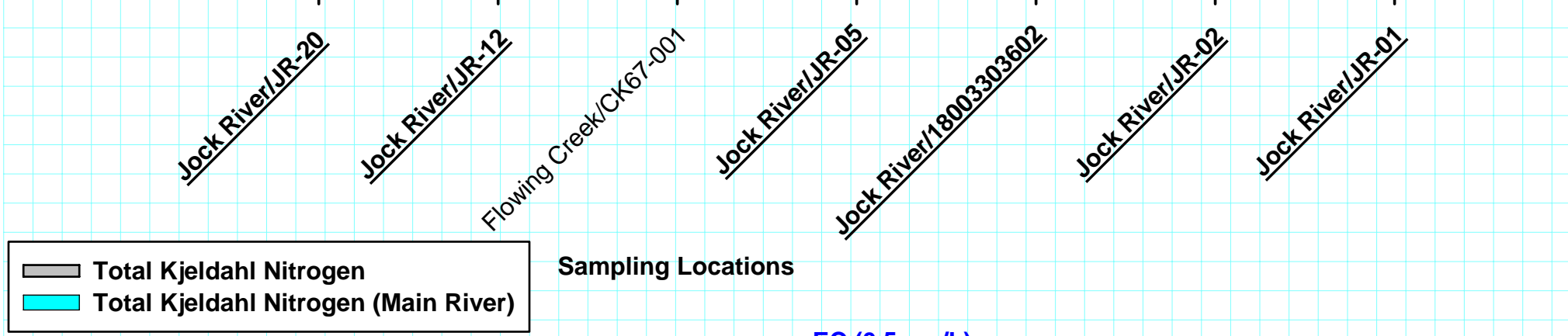
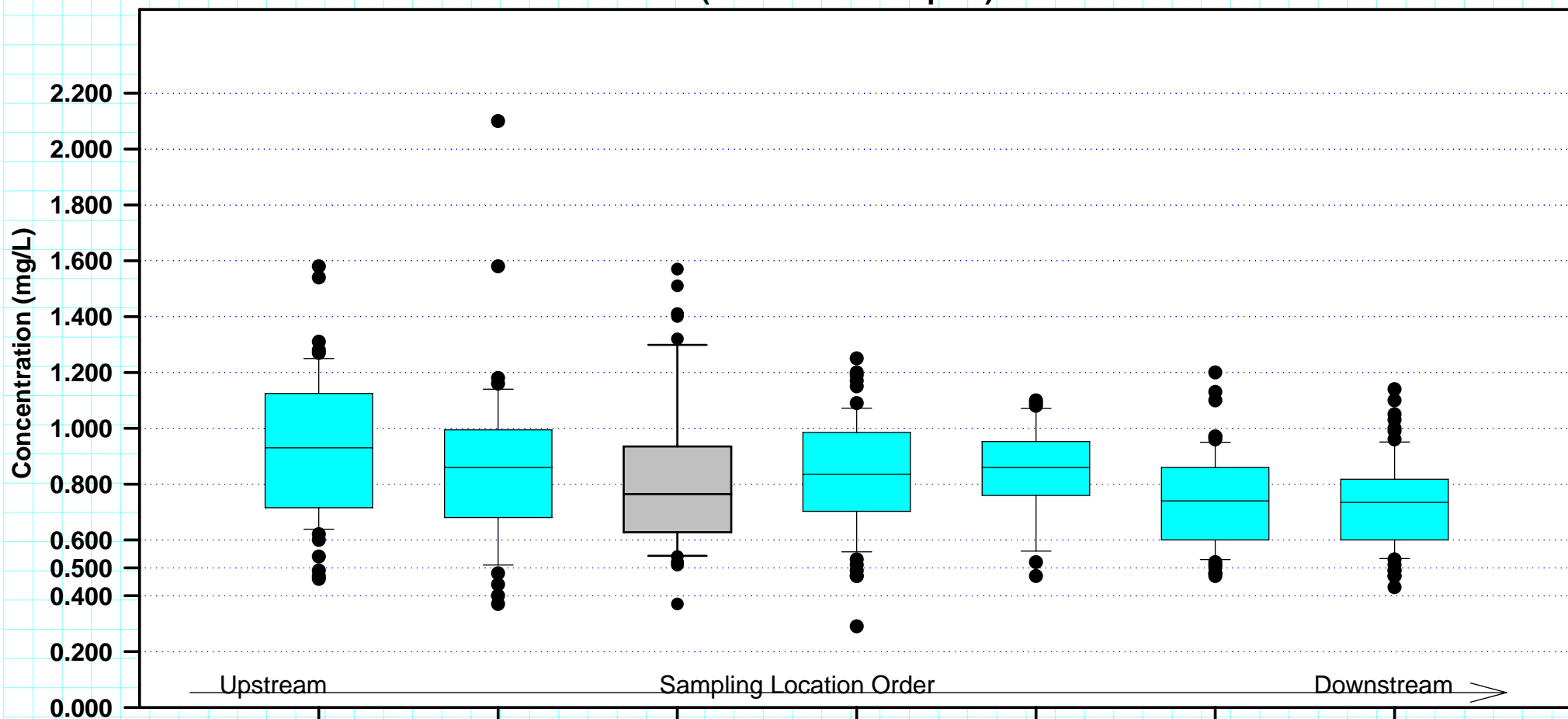
# Jock River Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)



**PWQO (6.5 to 8.5)**

Main River bolded & underlined on **Sampling Location** axis.

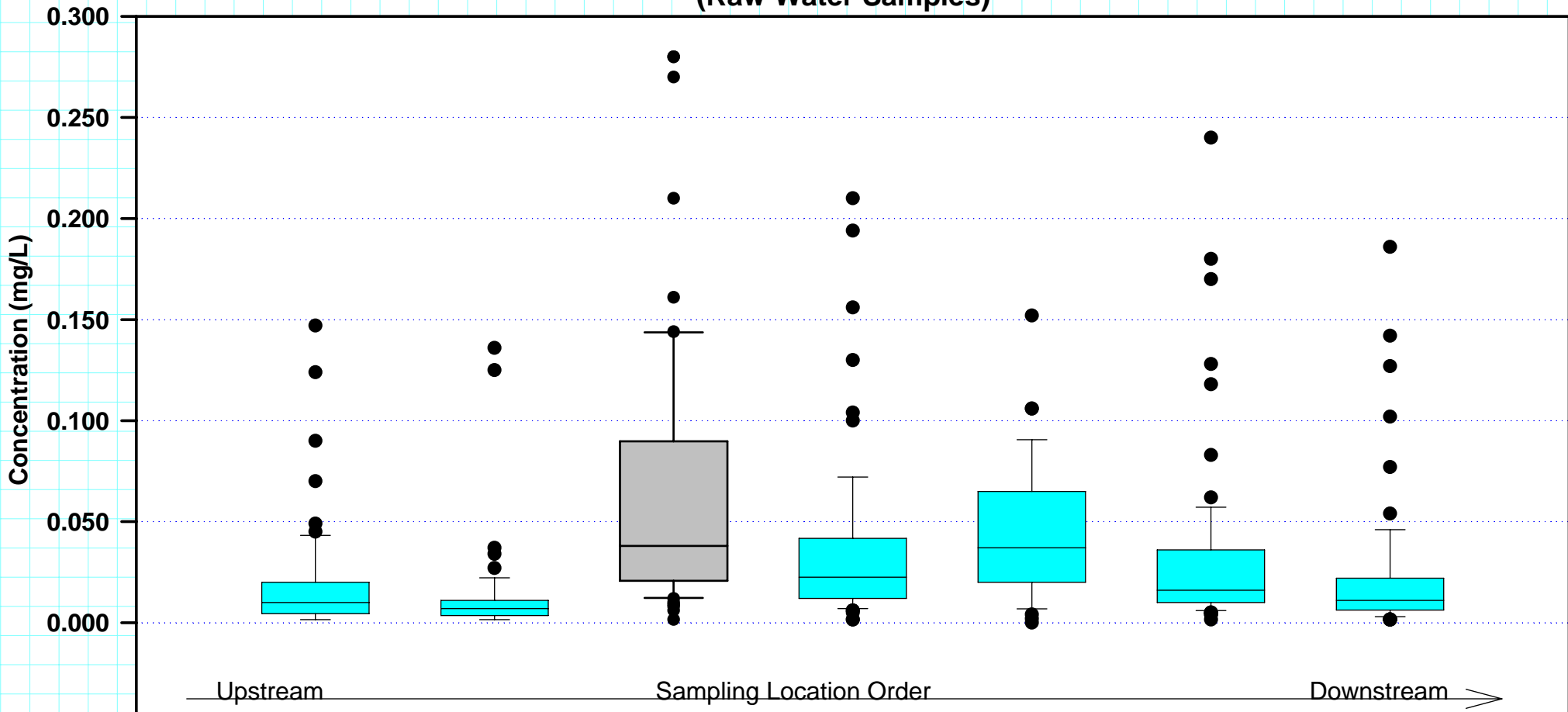
**Jock River Subwatershed**  
 (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06  
 (Raw Water Samples)



Main River bolded & underlined on Sampling Location axis.

EC (0.5 mg/L)

**Jock River Subwatershed**  
**(City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06**  
**(Raw Water Samples)**

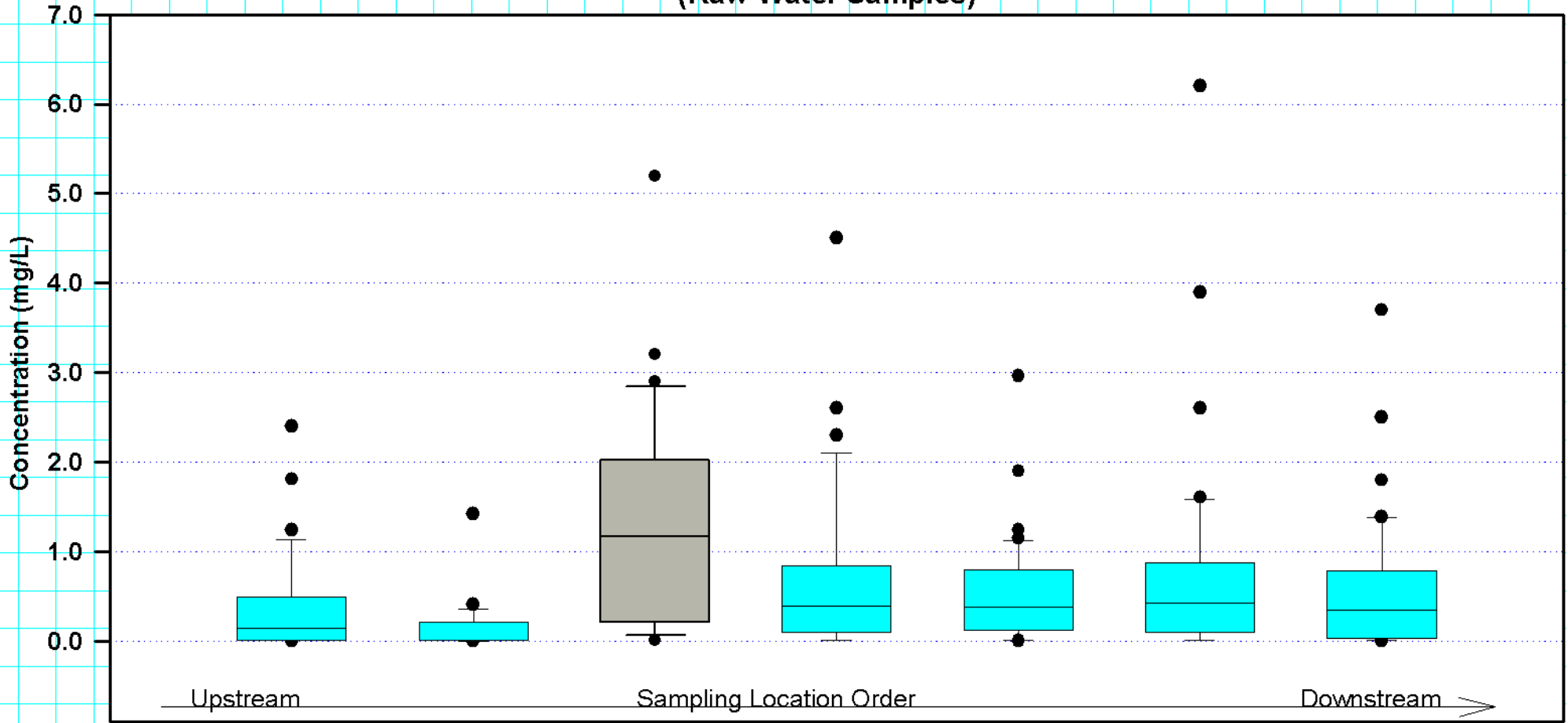


Total Ammonia  
 Total Ammonia (Main River)

Sampling Locations

Main River bolded & underlined on Sampling Location axis.

**Jock River Subwatershed**  
 (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06  
 (Raw Water Samples)



Total Nitrate Nitrite  
 Total Nitrate Nitrite (Main River)

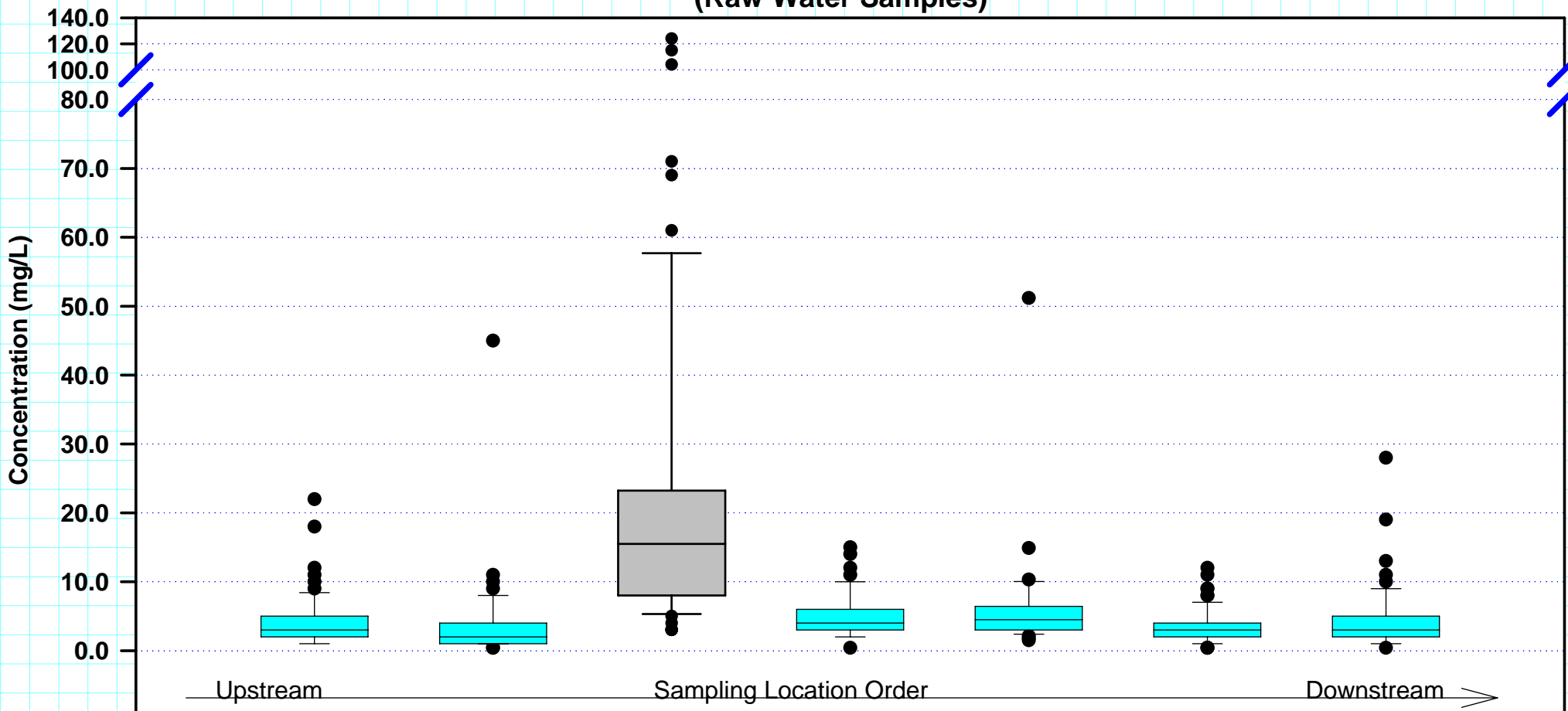
Sampling Locations

ODWQS (MAC = 10.0 mg/L)

Main River **Jock River/JR-01** on Sampling Location axis.



**Jock River Subwatershed**  
 (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06  
 (Raw Water Samples)



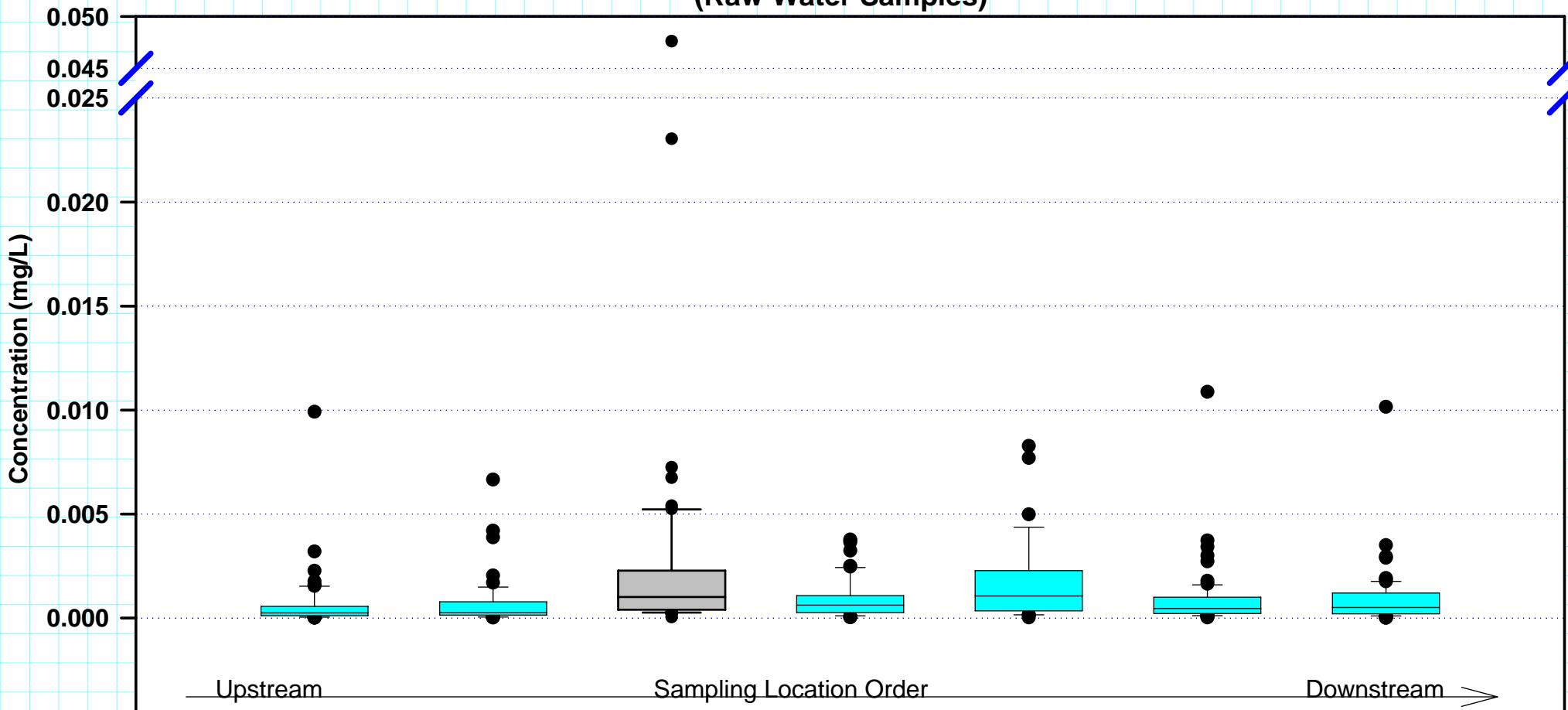
Total Suspended Solids  
 Total Suspended Solids(Main River)

Sampling Locations

CWQG (Chap. 4 = 10.0 mg/L)

Main River **bolded & underlined** on Sampling Location axis.

**Jock River Subwatershed**  
 (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06  
 (Raw Water Samples)



***Jock River/JR-20***

***Jock River/JR-12***

*Flowing Creek/CK67-001*

***Jock River/JR-05***

***Jock River/1803303602***

***Jock River/JR-02***

***Jock River/JR-01***

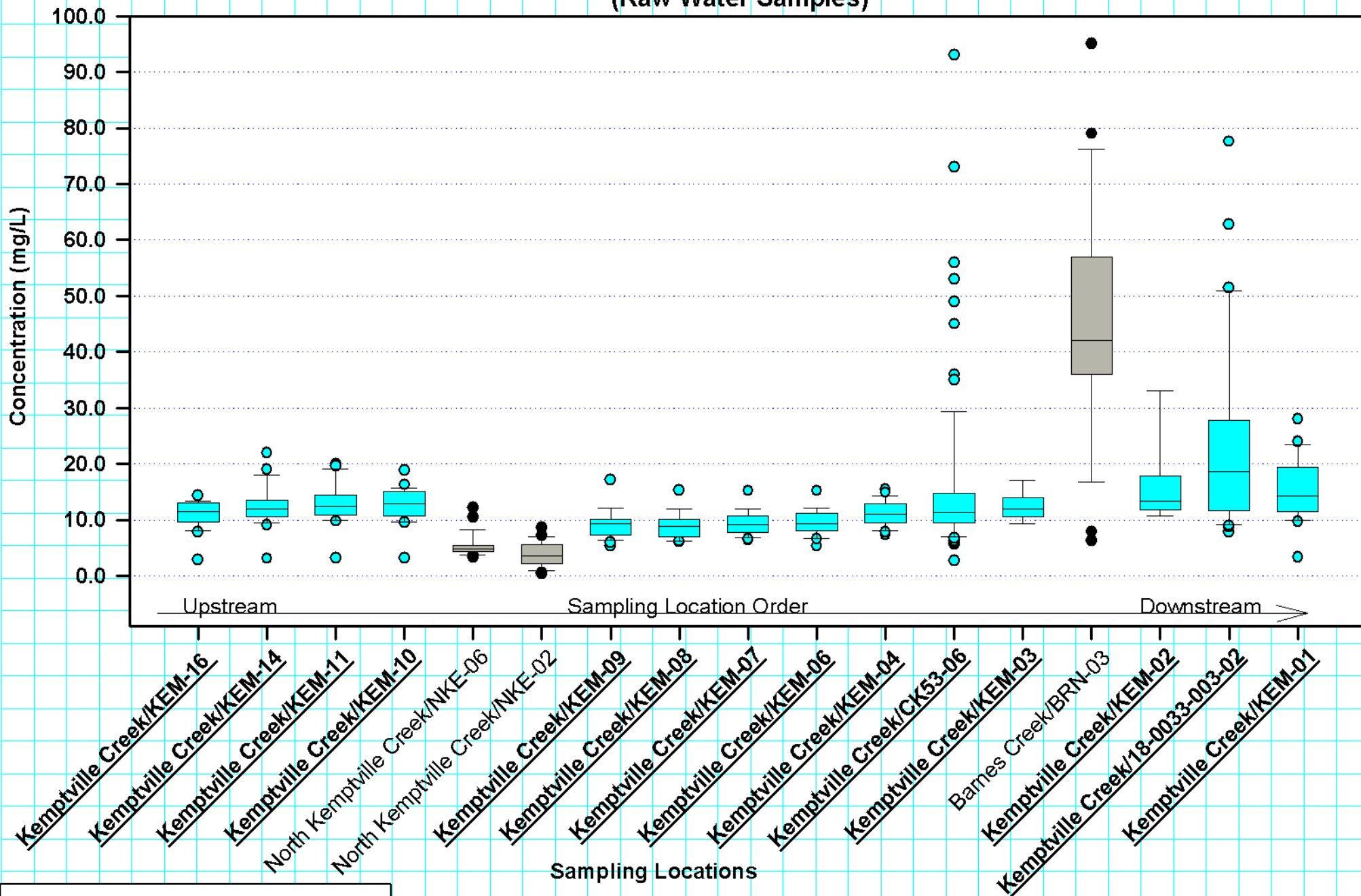
Un-ionized Ammonia  
 Un-ionized Ammonia (Main River)

Sampling Locations

Main River bolded & underlined on Sampling Location axis.

**PWQO (0.02 mg/L)**

# Kemptville Creek Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)

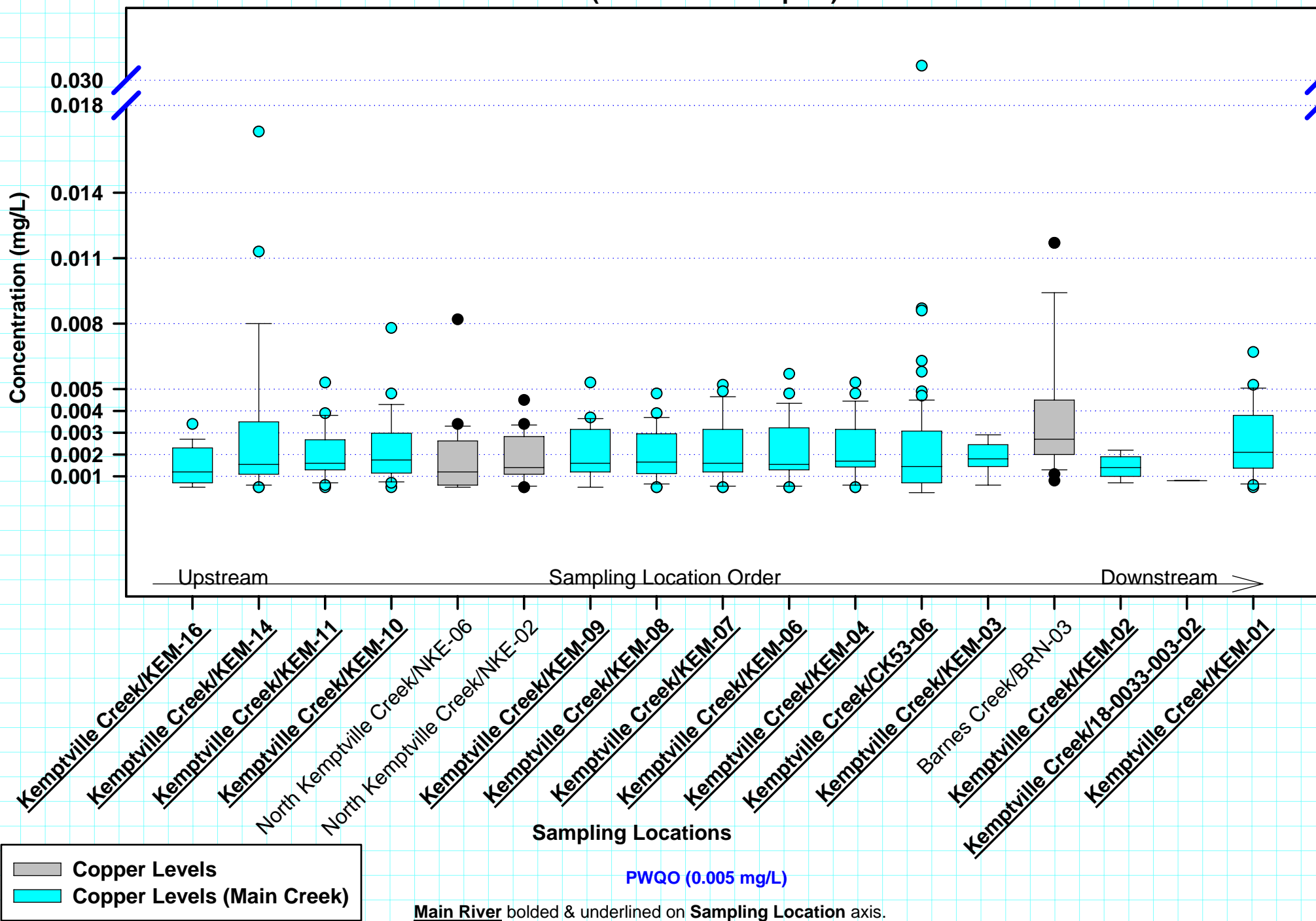


ODWSOG (AO = 250 mg/L)

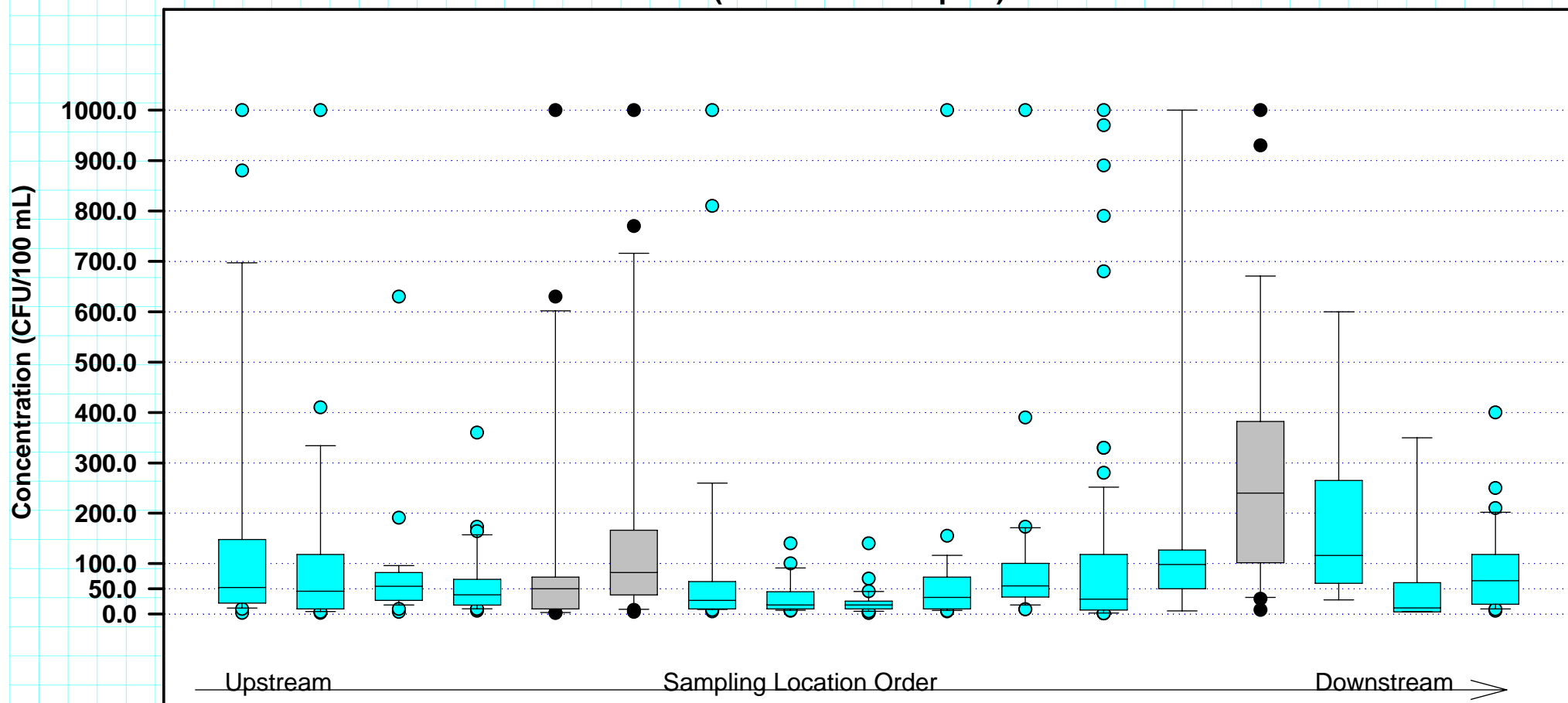
Main River bolded & underlined on Sampling Location axis.



# Kemptville Creek Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)



# Kemptville Creek Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)



Upstream Sampling Location Order Downstream >

**Kemptville Creek/KEM-16** **Kemptville Creek/KEM-14** **Kemptville Creek/KEM-11** **Kemptville Creek/KEM-10** **North Kemptville Creek/NKE-06** **North Kemptville Creek/NKE-02** **Kemptville Creek/KEM-09** **Kemptville Creek/KEM-08** **Kemptville Creek/KEM-07** **Kemptville Creek/KEM-06** **Kemptville Creek/KEM-04** **Kemptville Creek/CK53-06** **Barnes Creek/KEM-03** **Kemptville Creek/BRN-03** **Kemptville Creek/18-0033-003-02** **Kemptville Creek/KEM-01**

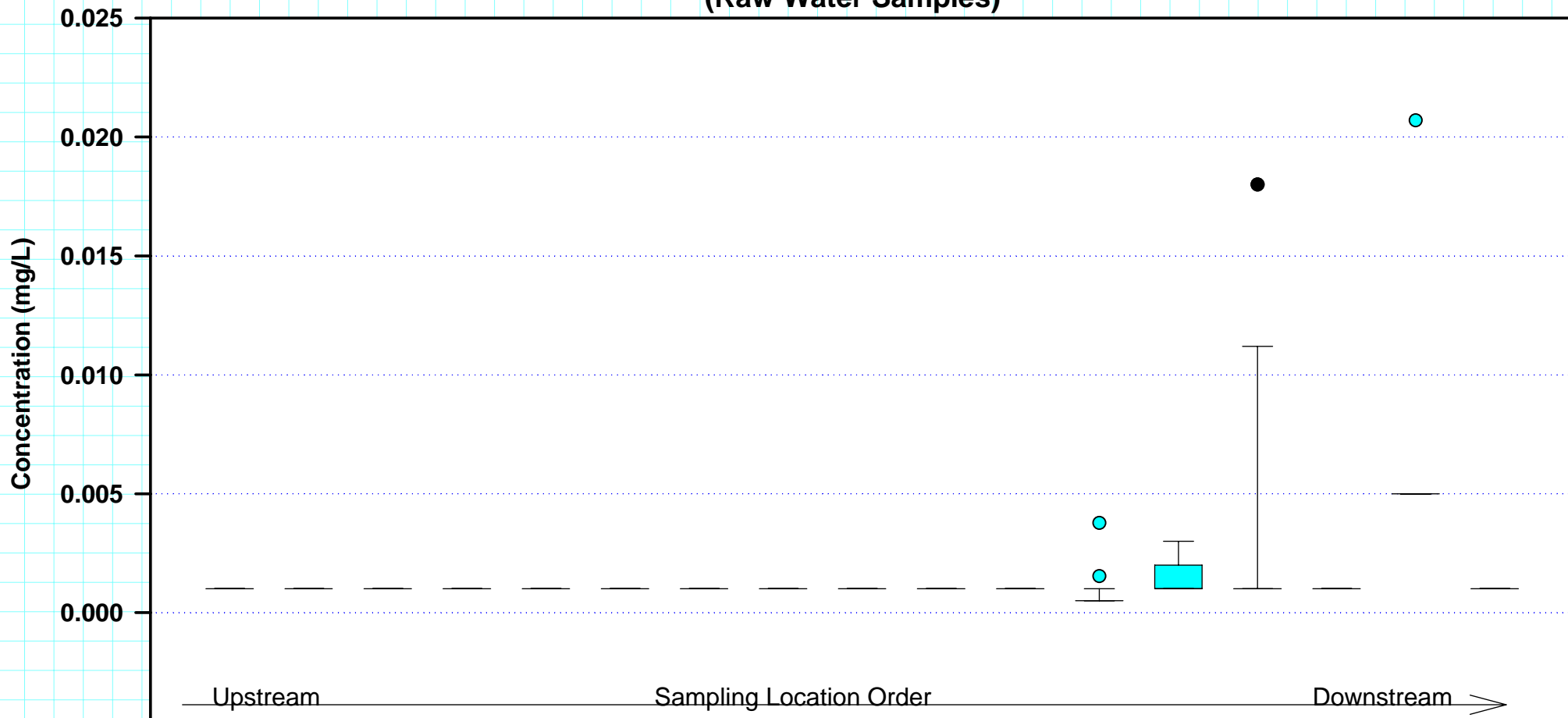
**Sampling Locations**

E.coli Levels  
 E.coli Levels (Main Creek)

Sampling results from 19-Aug-04 & 13-Jul-05 at Barnes Creek/BRN-03 of 5300 CFU/100 mL & 2600 CFU/100 mL were omitted from the graph because they were out of the concentration range.

**Main River** bolded & underlined on **Sampling Location** axis. **PWQO (100 CFU / 100 mL)**

# Kemptville Creek Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)



Upstream Sampling Location Order Downstream >

**Sampling Locations**

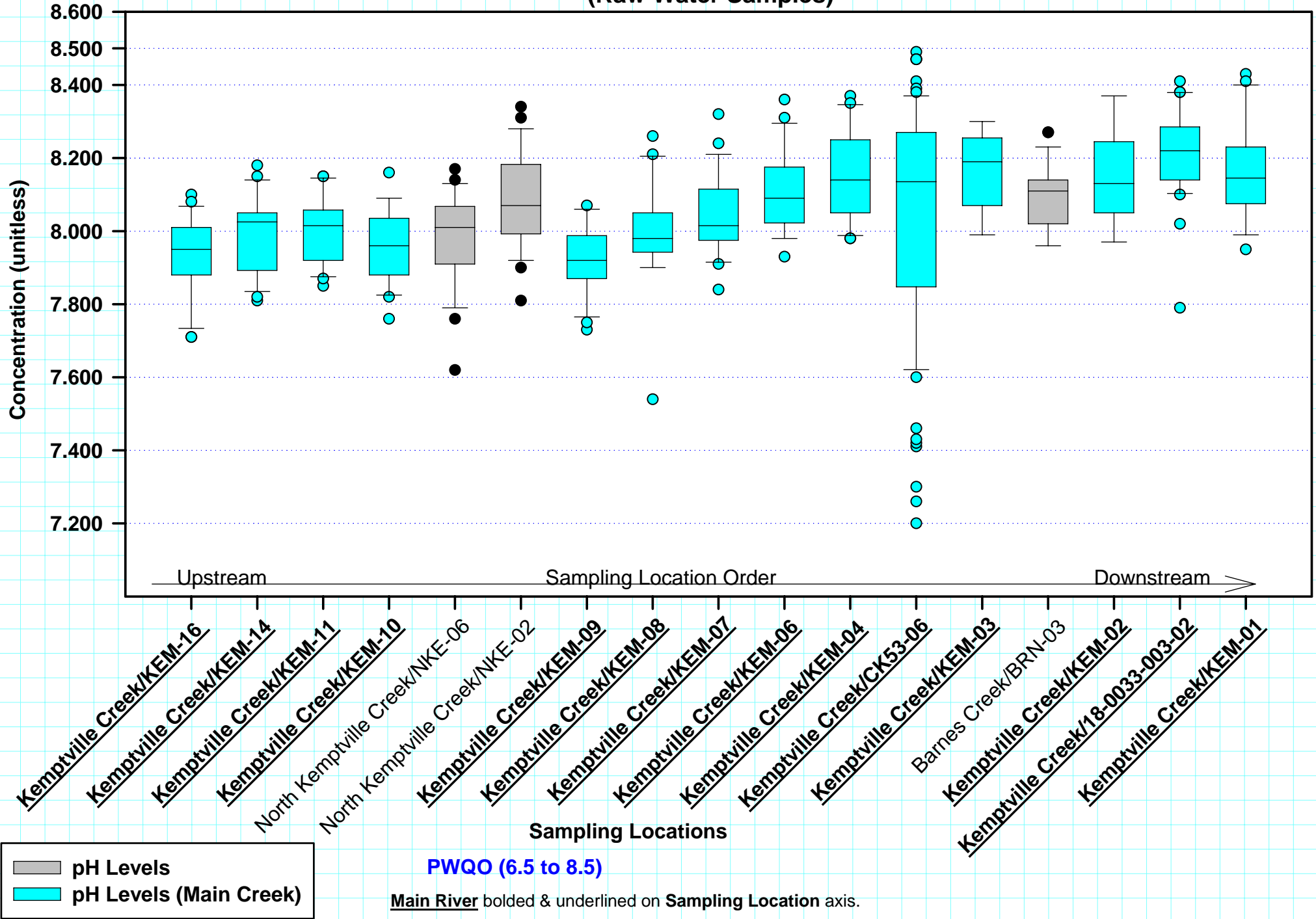
Kemptville Creek/KEM-16  
 Kemptville Creek/KEM-14  
 Kemptville Creek/KEM-11  
 Kemptville Creek/KEM-10  
 North Kemptville Creek/NKE-06  
 Kemptville Creek/NKE-02  
 Kemptville Creek/KEM-09  
 Kemptville Creek/KEM-08  
 Kemptville Creek/KEM-07  
 Kemptville Creek/KEM-06  
 Kemptville Creek/KEM-04  
 Kemptville Creek/CK53-06  
 Barnes Creek/KEM-03  
 Kemptville Creek/BRN-03  
 Kemptville Creek/18-0033-003-02  
 Kemptville Creek/KEM-02  
 Kemptville Creek/18-0033-003-01

Lead Levels  
 Lead Levels (Main Creek)

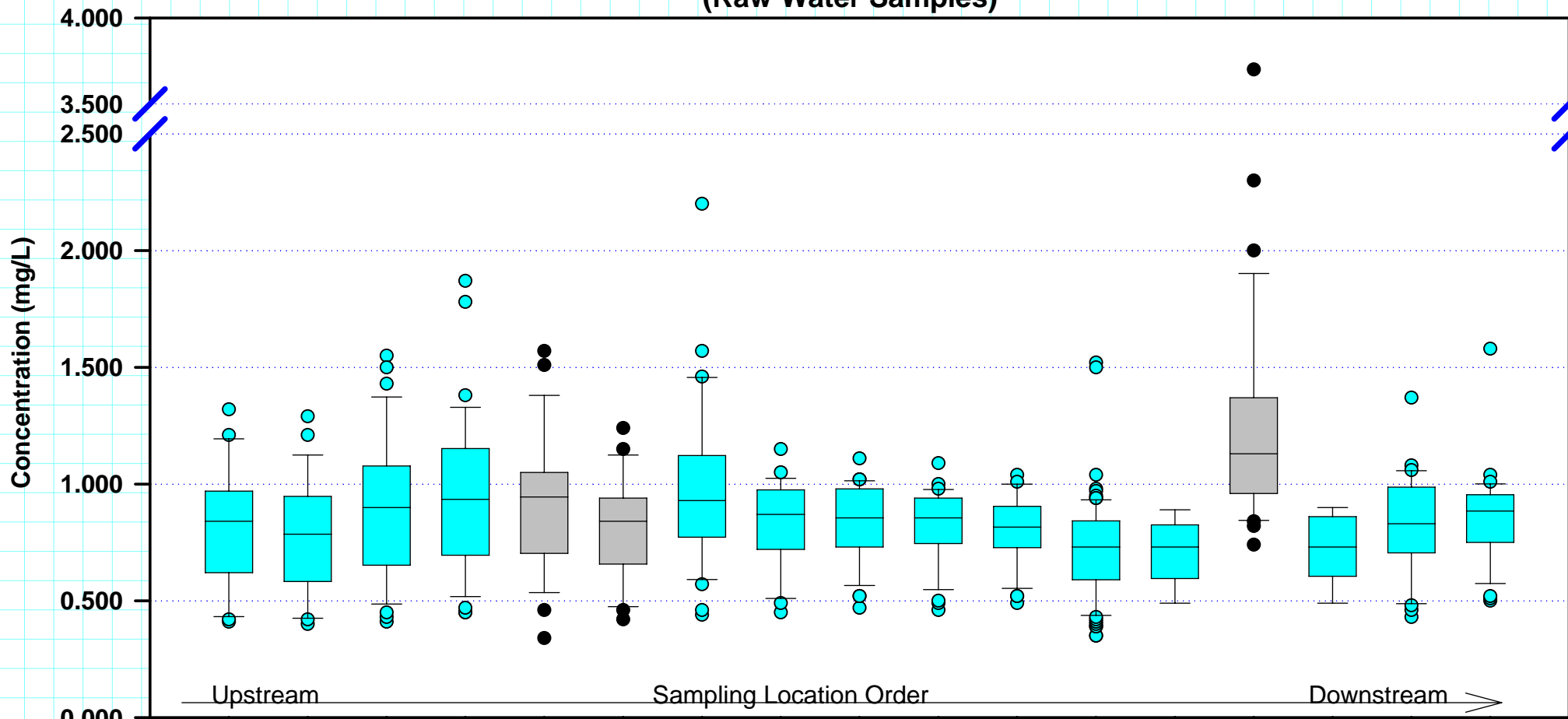
The PWQO for lead varies from 0.005 mg/L to 0.025mg/L depending upon alkalinity concentrations.

**Main River** bolded & underlined on **Sampling Location** axis.

# Kemptville Creek Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)



# Kemptville Creek Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)



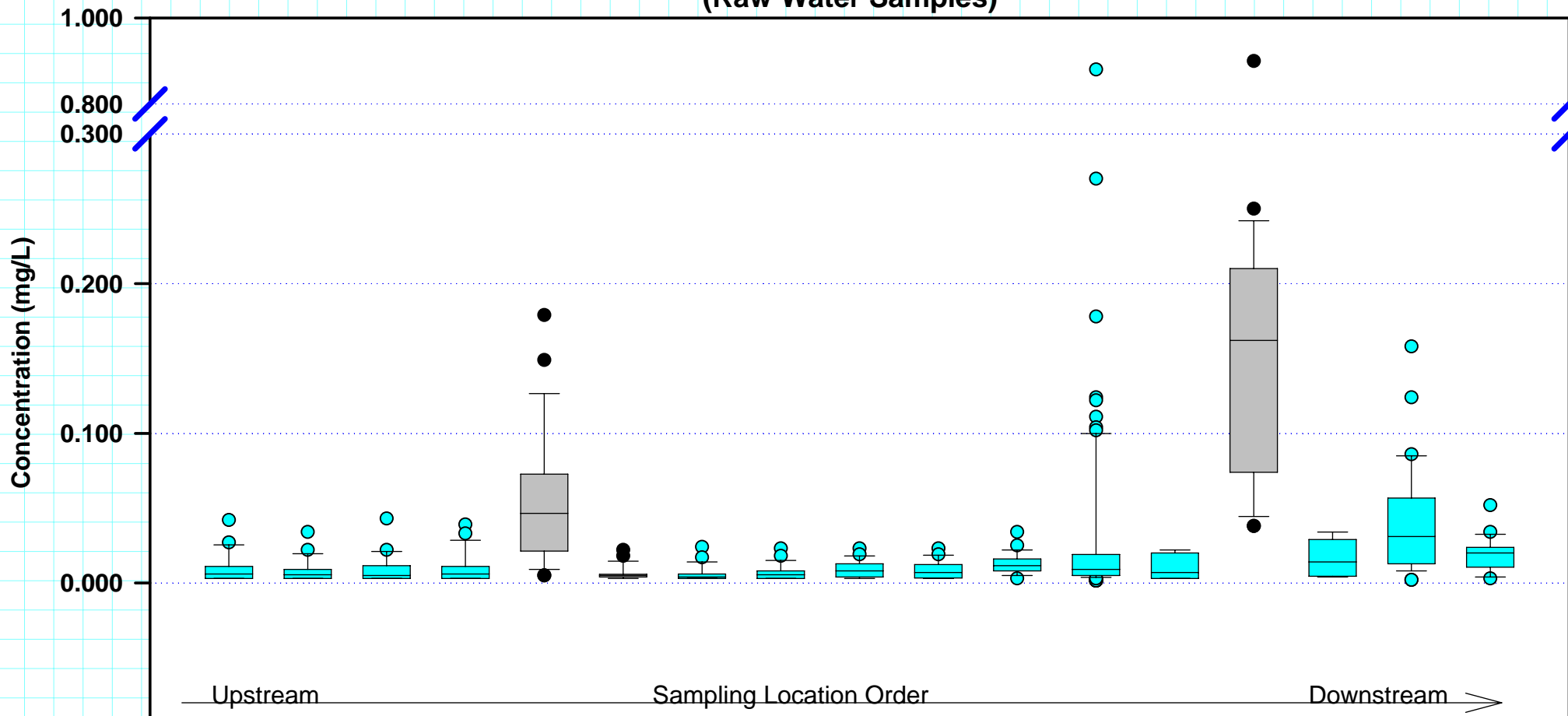
Kemptville Creek/KEM-16    Kemptville Creek/KEM-14    Kemptville Creek/KEM-11    Kemptville Creek/KEM-10    North Kemptville Creek/NKE-06    Kemptville Creek/NKE-02    Kemptville Creek/KEM-09    Kemptville Creek/KEM-08    Kemptville Creek/KEM-07    Kemptville Creek/KEM-06    Kemptville Creek/KEM-04    Kemptville Creek/CK53-06    Barnes Creek/KEM-03    Kemptville Creek/BRN-03    Kemptville Creek/18-0033-002    Kemptville Creek/KEM-02    Kemptville Creek/18-0033-003-02    Kemptville Creek/KEM-01

Total Kjeldahl Nitrogen Levels  
 Total Kjeldahl Nitrogen Levels (Main Creek)

EC (0.5 mg/L)

Main River bolded & underlined on Sampling Location axis.

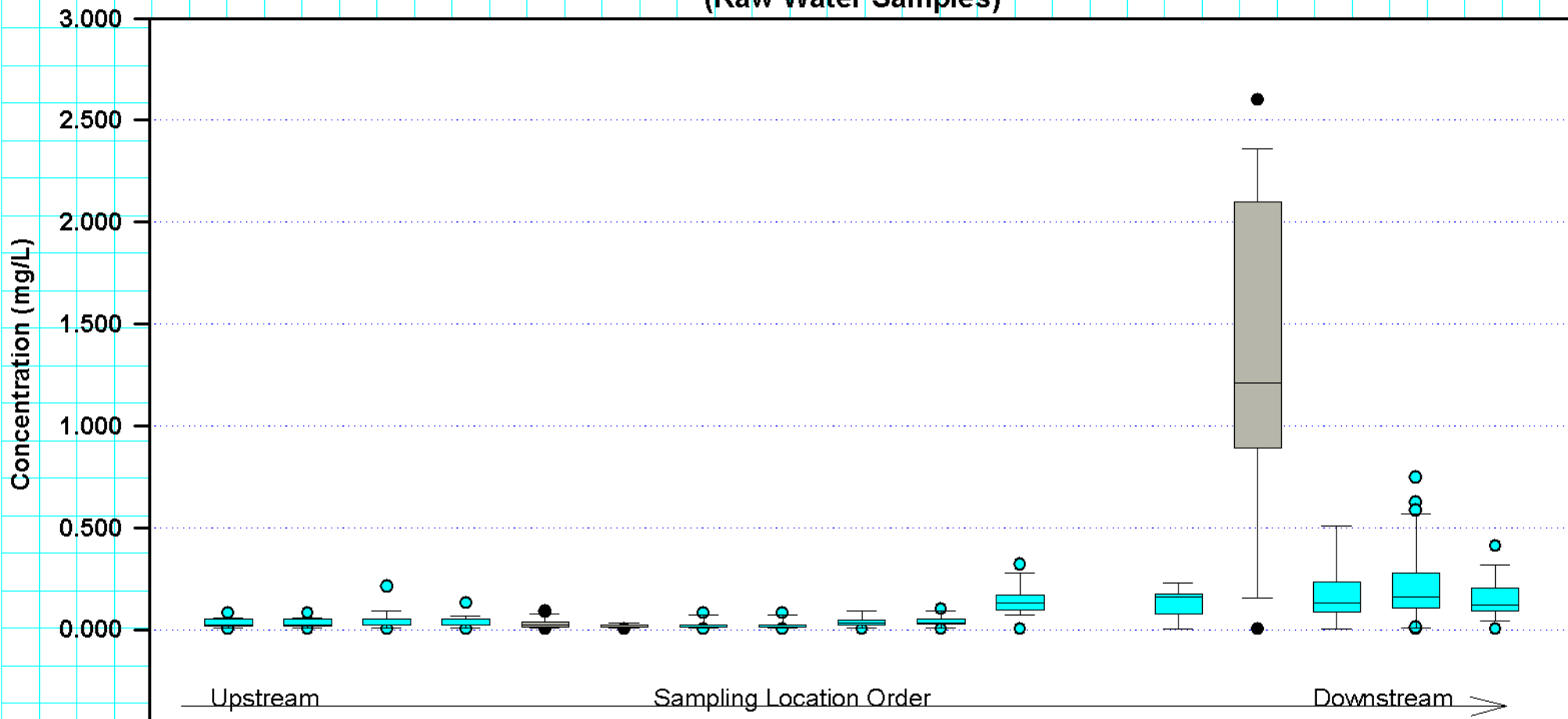
# Kemptville Creek Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)



Total Ammonia Levels  
 Total Ammonia Levels (Main Creek)

**Sampling Locations**  
Main River bolded & underlined on **Sampling Location** axis.

# Kemptville Creek Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)



Sampling Locations

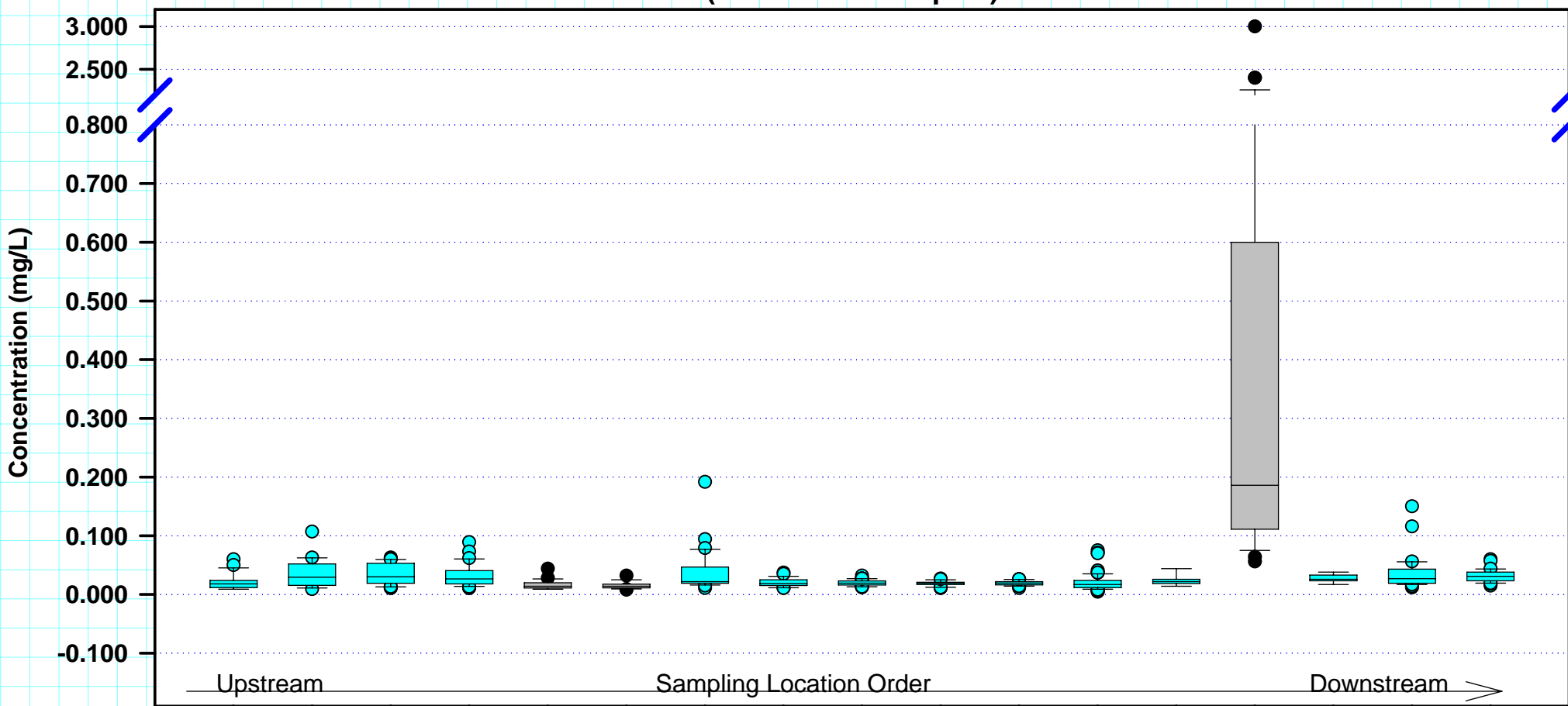
Kemptville Creek/KEM-16  
 Kemphville Creek/KEM-14  
 Kemphville Creek/KEM-11  
 Kemphville Creek/KEM-10  
 North Kemptville Creek/NKE-06  
 North Kemptville Creek/NKE-02  
 Kemphville Creek/KEM-09  
 Kemphville Creek/KEM-08  
 Kemphville Creek/KEM-07  
 Kemphville Creek/KEM-06  
 Kemphville Creek/KEM-04  
 Kemptville Creek/CK53-06  
 Barnes Creek/KEM-03  
 Kemphville Creek/BRN-03  
 Kemphville Creek/18-0033-002  
 Kemphville Creek/KEM-02  
 Kemphville Creek/003-02  
 Kemphville Creek/KEM-01

Nitrate Levels  
 Nitrate Levels (Main Creek)

ODWQS (MAC = 10.0 mg/L)

Main River bolded & underlined on Sampling Location axis.

**Kemptville Creek Subwatershed  
(City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06  
(Raw Water Samples)**



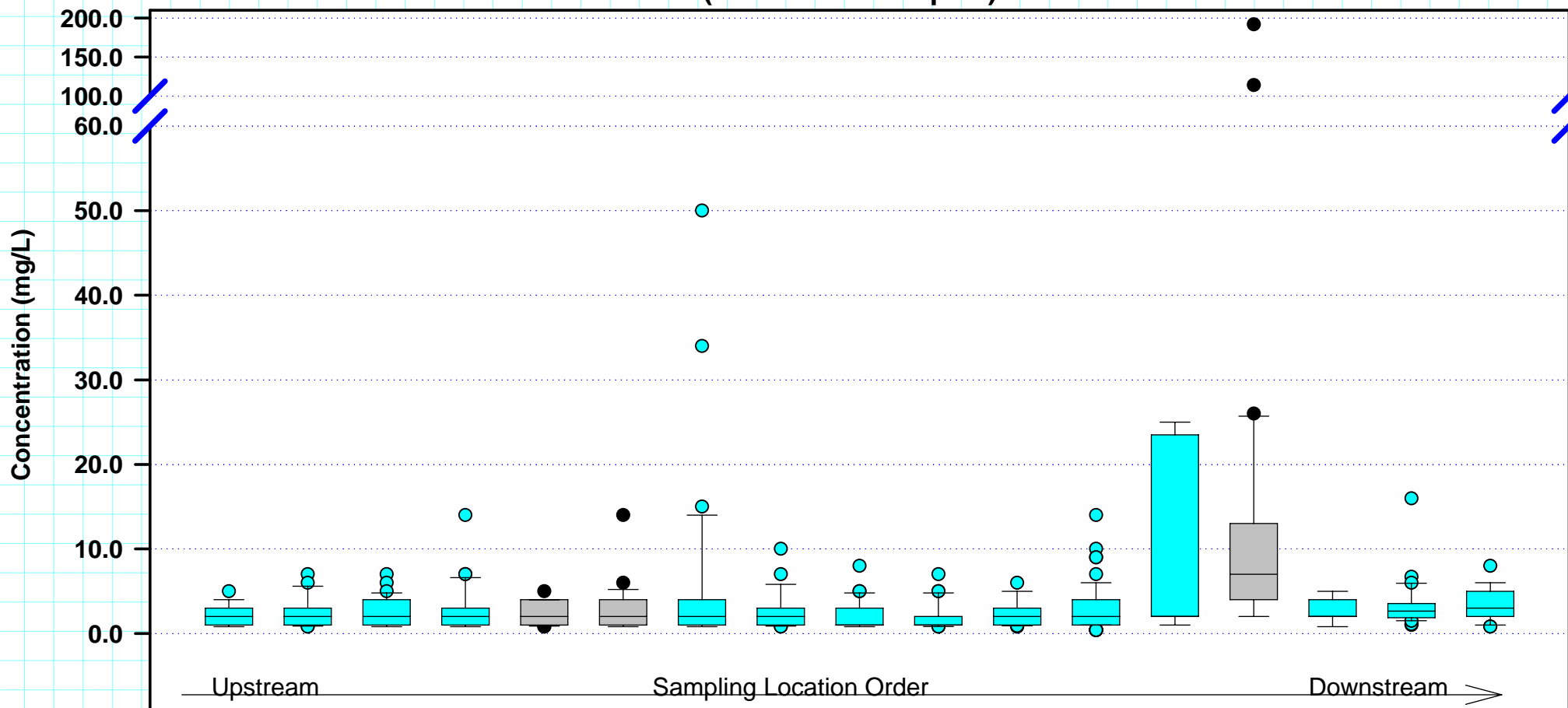
**Kemptville Creek/KEM-16**    **Kemptville Creek/KEM-14**    **Kemptville Creek/KEM-11**    **Kemptville Creek/KEM-10**    **North Kemptville Creek/NKE-06**    **North Kemptville Creek/NKE-02**    **Kemptville Creek/KEM-09**    **Kemptville Creek/KEM-08**    **Kemptville Creek/KEM-07**    **Kemptville Creek/KEM-06**    **Kemptville Creek/KEM-04**    **Kemptville Creek/CK53-06**    **Barnes Creek/BRN-03**    **Kemptville Creek/KEM-02**    **Kemptville Creek/18-0033-003-02**    **Kemptville Creek/KEM-01**

Total Phosphorus Levels  
 Total Phosphorus Levels (Main Creek)

PWQO (0.03 mg/L)  
Main River bolded & underlined on Sampling Location axis.



# Kemptville Creek Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)



Kemptville Creek/KEM-16   
 Kemptville Creek/KEM-14   
 Kemptville Creek/KEM-11   
 Kemptville Creek/KEM-10   
 North Kemptville Creek/NKE-06   
 Kemptville Creek/NKE-02   
 Kemptville Creek/KEM-09   
 Kemptville Creek/KEM-08   
 Kemptville Creek/KEM-07   
 Kemptville Creek/KEM-06   
 Kemptville Creek/KEM-04   
 Kemptville Creek/CK53-06   
 Barnes Creek/BRN-03   
 Kemptville Creek/KEM-02   
 Kemptville Creek/18-0033-003-02   
 Kemptville Creek/KEM-01

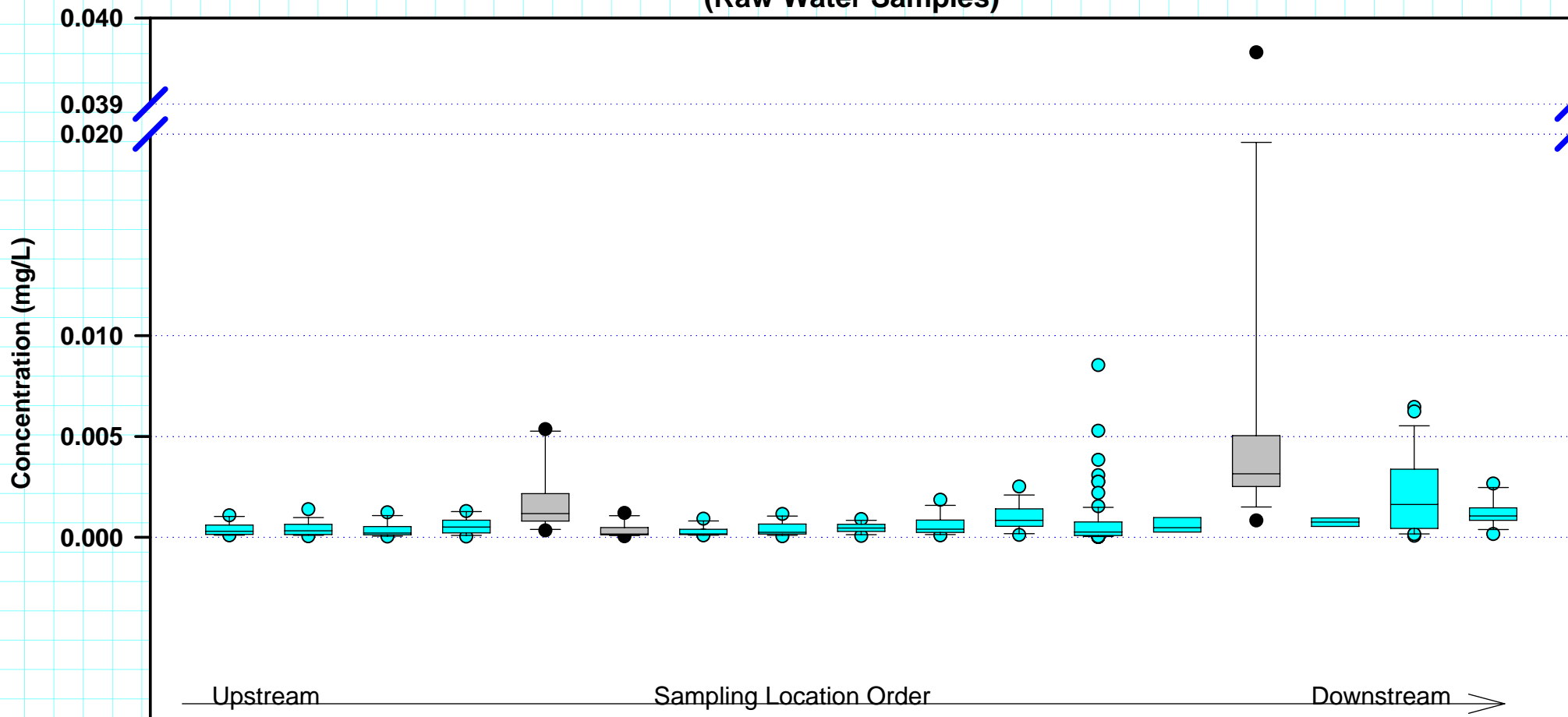
**Sampling Locations**

Total Suspended Solids Levels  
 Total Suspended Solids Levels (Main Creek)

CWQG (Chap. 4 = 10 mg/L)

Main River **bolded & underlined** on **Sampling Location** axis.

# Kemptville Creek Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)



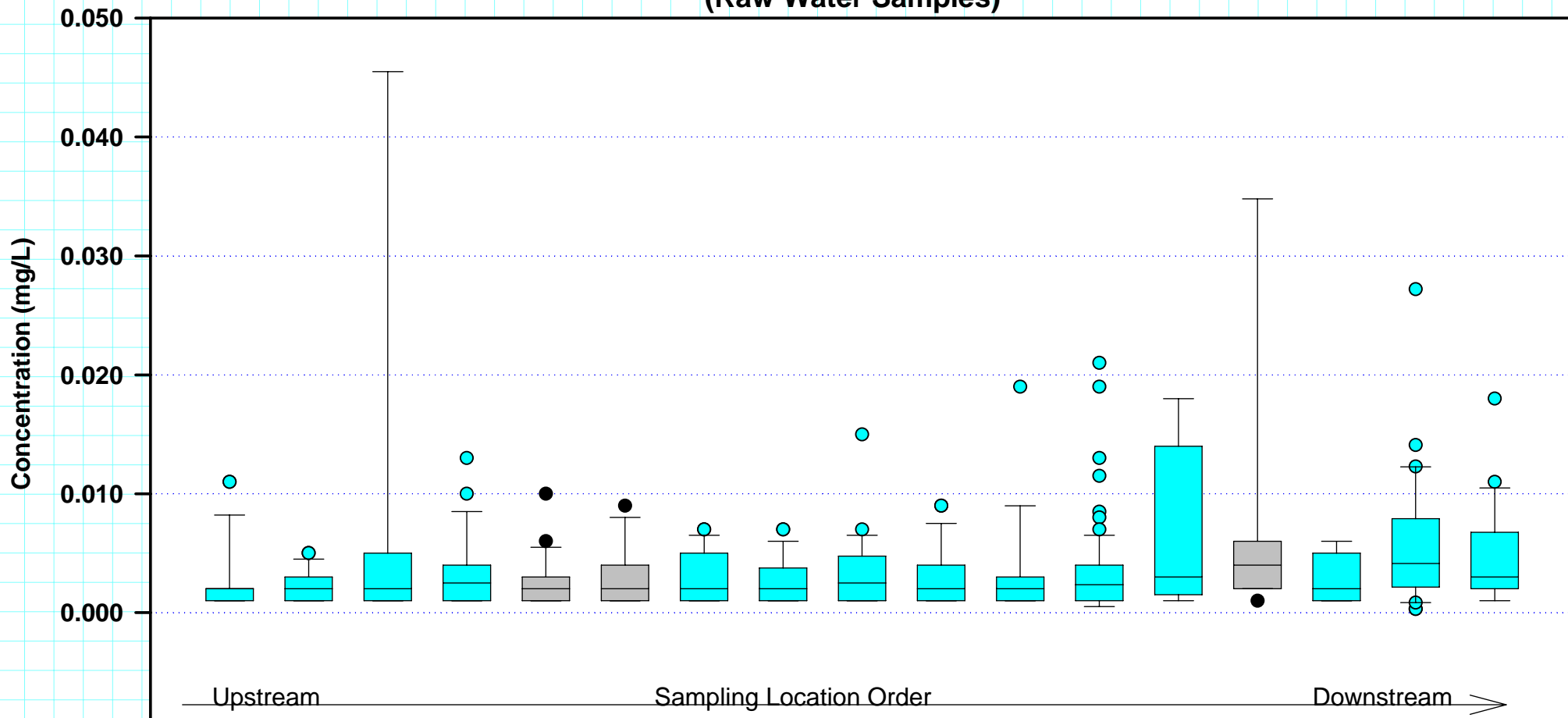
Kemptville Creek/KEM-16    Kemptville Creek/KEM-14    Kemptville Creek/KEM-11    Kemptville Creek/KEM-10    North Kemptville Creek/NKE-06    Kemptville Creek/NKE-02    Kemptville Creek/KEM-09    Kemptville Creek/KEM-08    Kemptville Creek/KEM-07    Kemptville Creek/KEM-06    Kemptville Creek/KEM-04    Kemptville Creek/CK53-06    Barnes Creek/KEM-03    Kemptville Creek/BRN-03    Kemptville Creek/18-0033-02    Kemptville Creek/KEM-02    Kemptville Creek/003-02    Kemptville Creek/KEM-01

Un-ionized Ammonia Levels  
 Un-ionized Ammonia Levels (Main Creek)

PWQO (0.02 mg/L)

Main River bolded & underlined on **Sampling Location** axis.

**Kemptville Creek Subwatershed**  
**(City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06**  
**(Raw Water Samples)**



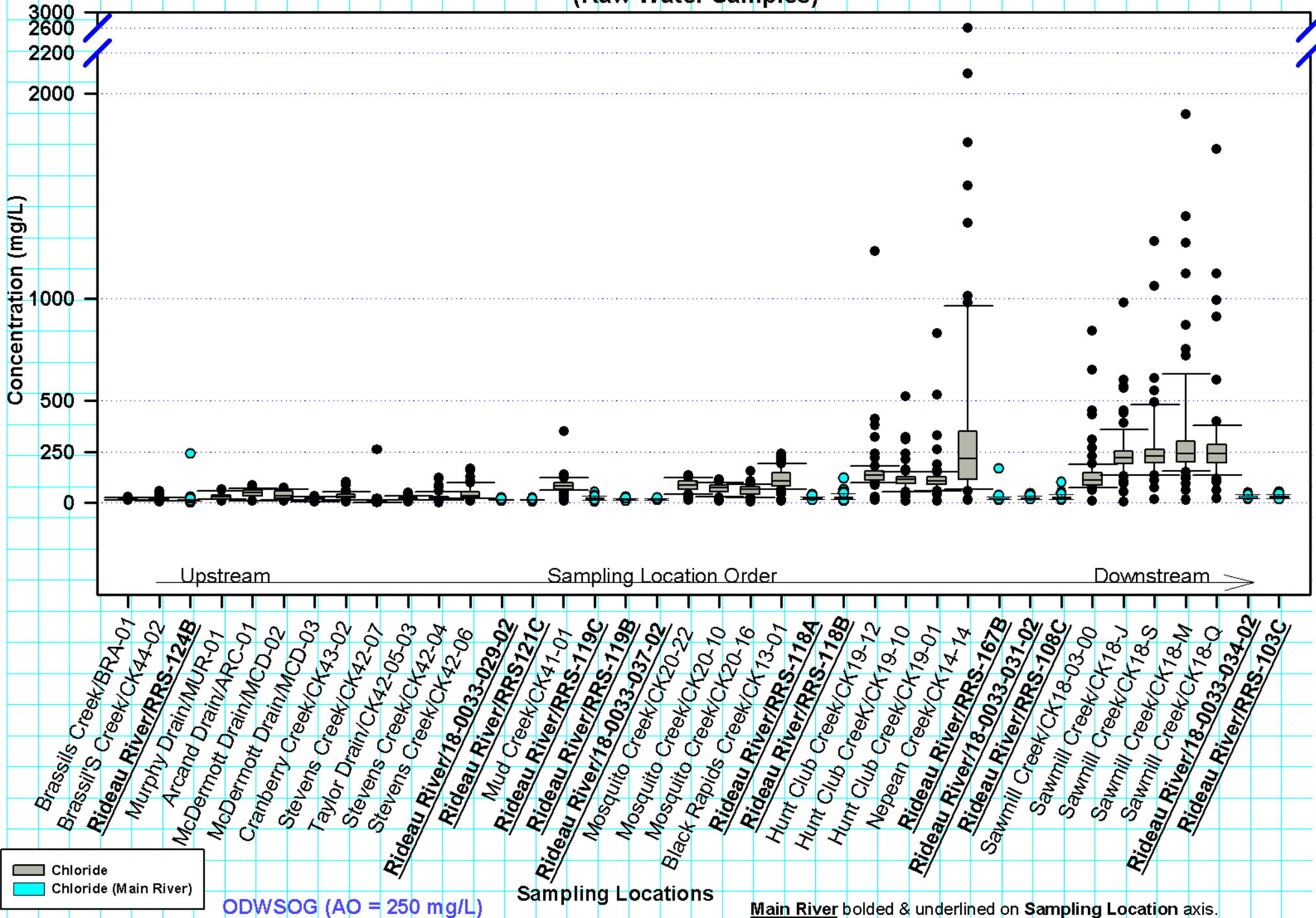
Sampling Locations

Kemptville Creek/KEM-16    Kemptville Creek/KEM-14    Kemptville Creek/KEM-11    Kemptville Creek/KEM-10    North Kemptville Creek/NKE-06    North Kemptville Creek/NKE-02    Kemptville Creek/KEM-09    Kemptville Creek/KEM-08    Kemptville Creek/KEM-07    Kemptville Creek/KEM-06    Kemptville Creek/CK53-06    Barnes Creek/KEM-03    Kemptville Creek/BRN-03    Kemptville Creek/KEM-02    Kemptville Creek/18-0033-003-02    Kemptville Creek/KEM-01

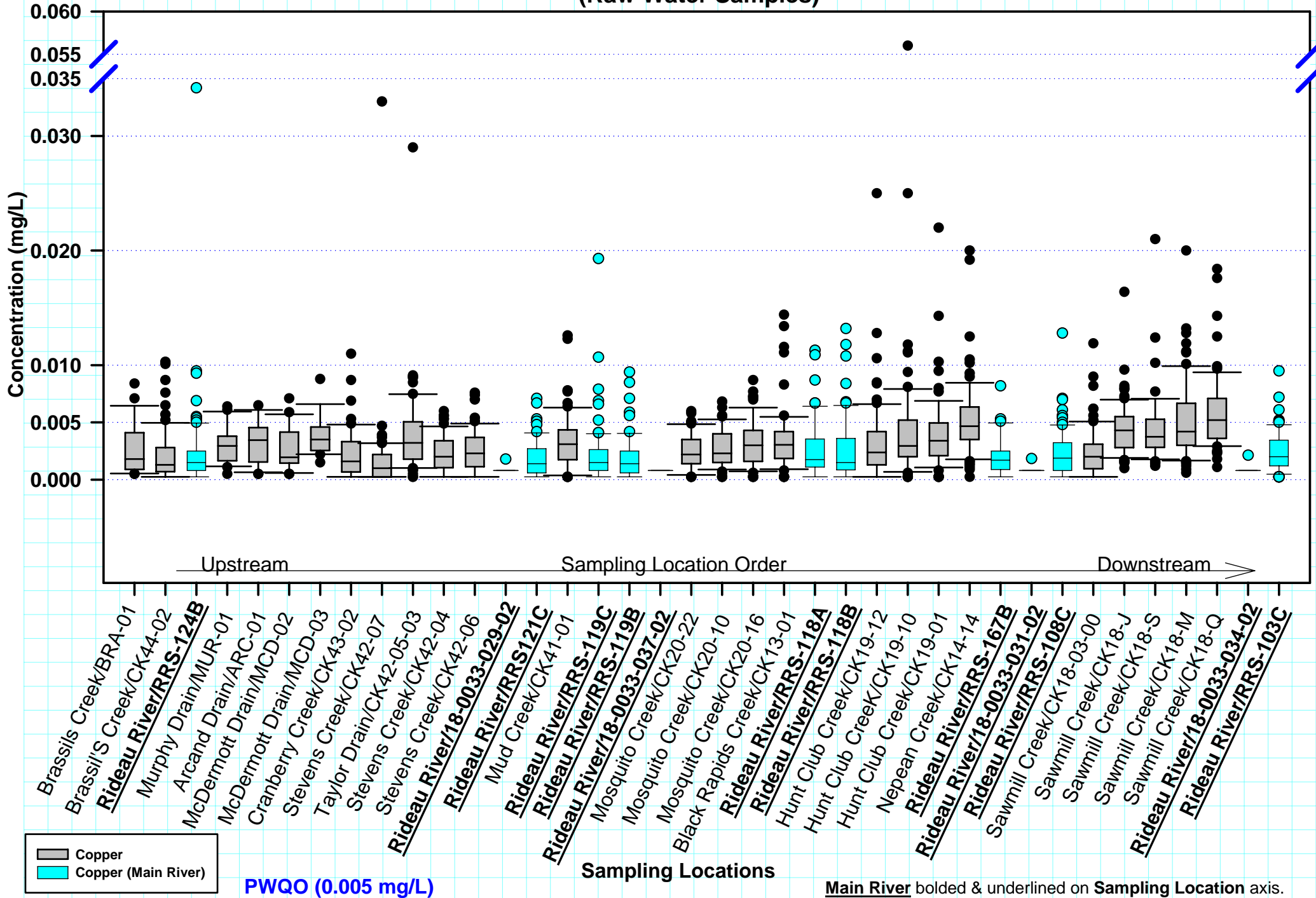
Zinc Levels  
 Zinc Levels (Main Creek)

**PWQO (0.03 mg/L)**  
Main River bolded & underlined on **Sampling Location** axis.

**Lower Rideau Subwatershed**  
 (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06  
 (Raw Water Samples)

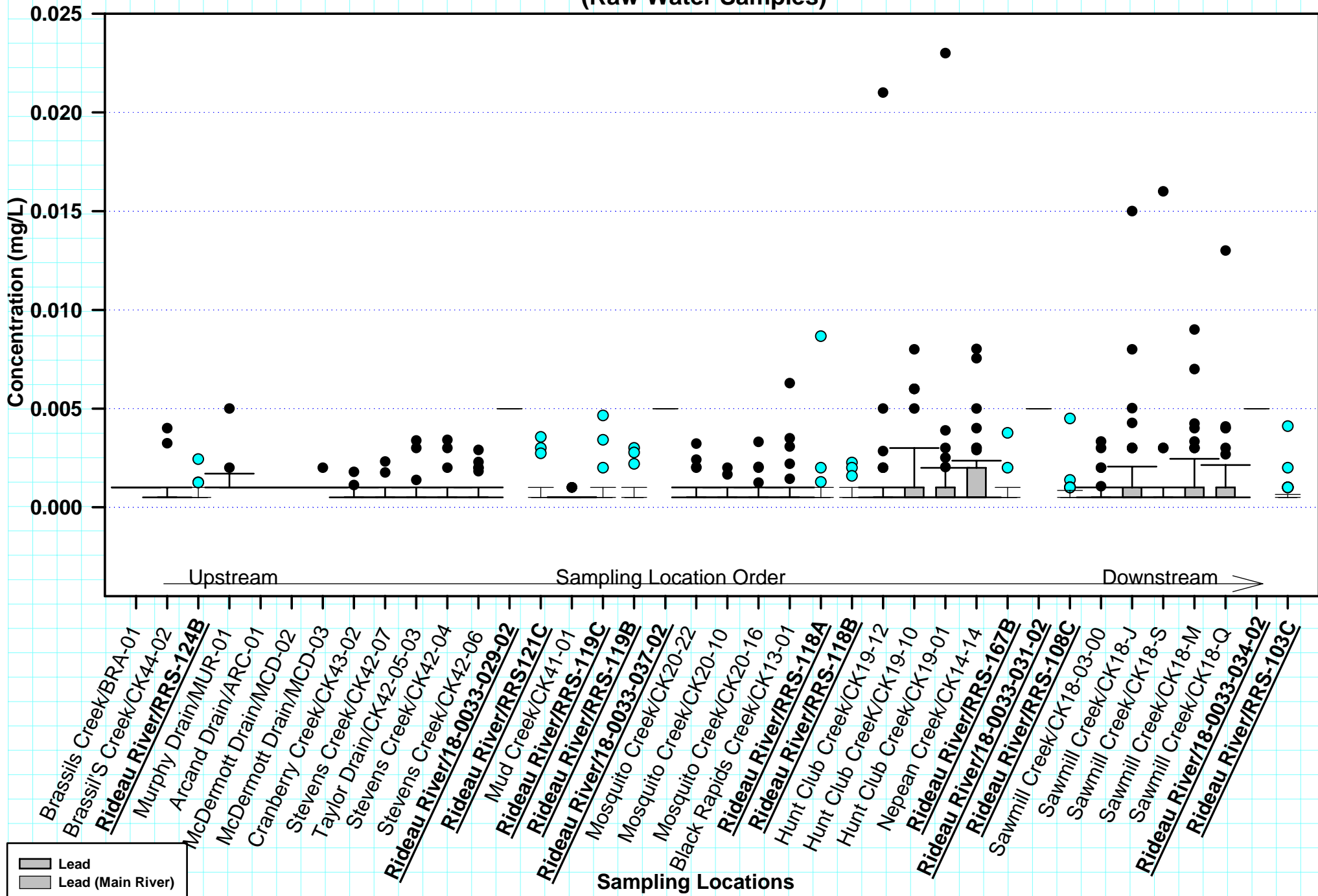


# Lower Rideau Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)





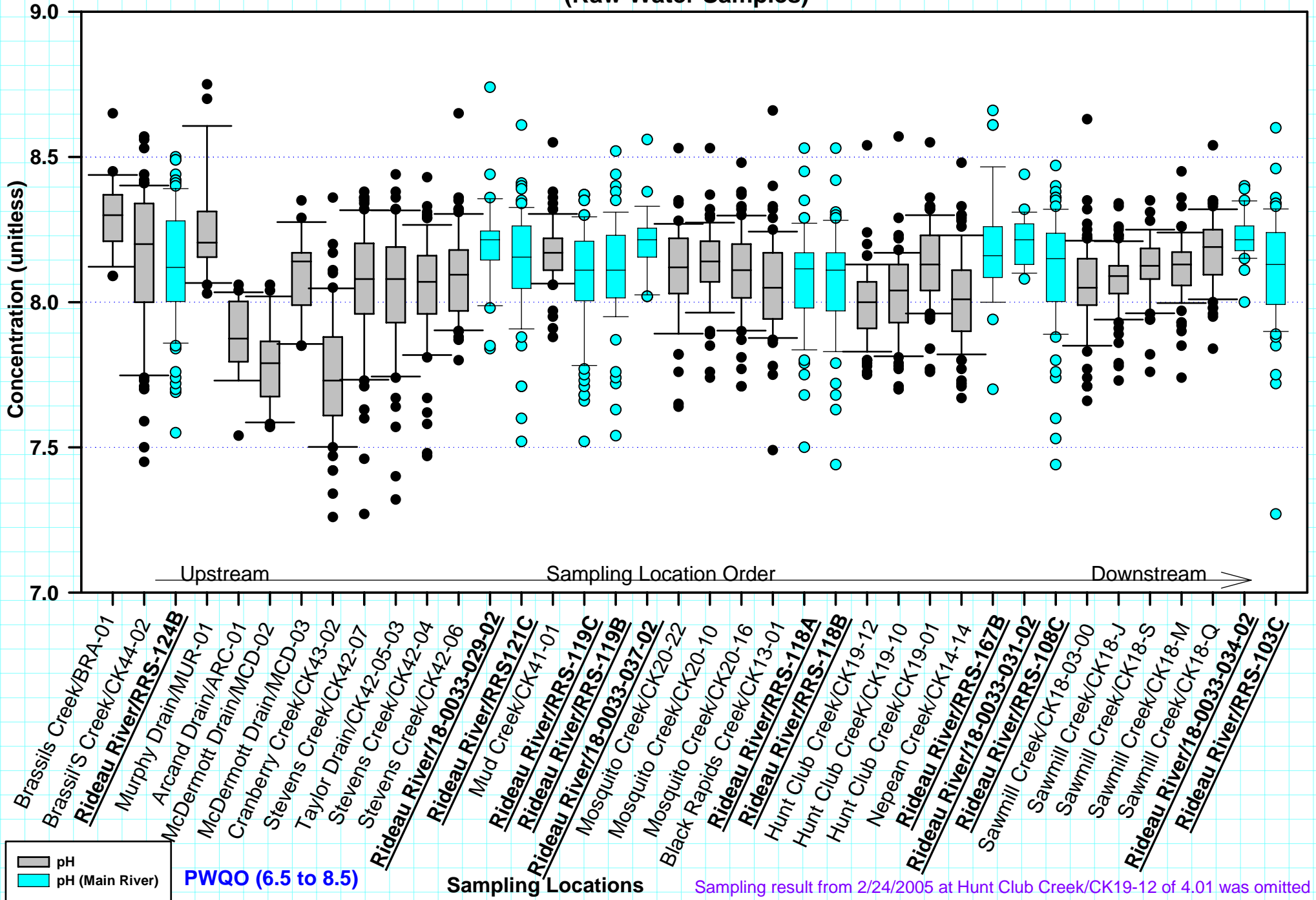
**Lower Rideau Subwatershed**  
**(City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06**  
**(Raw Water Samples)**



**Main River** bolded & underlined on **Sampling Location** axis.

The PWQO for lead varies from 0.005 mg/L to 0.025mg/L depending upon alkalinity concentrations.

# Lower Rideau Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)



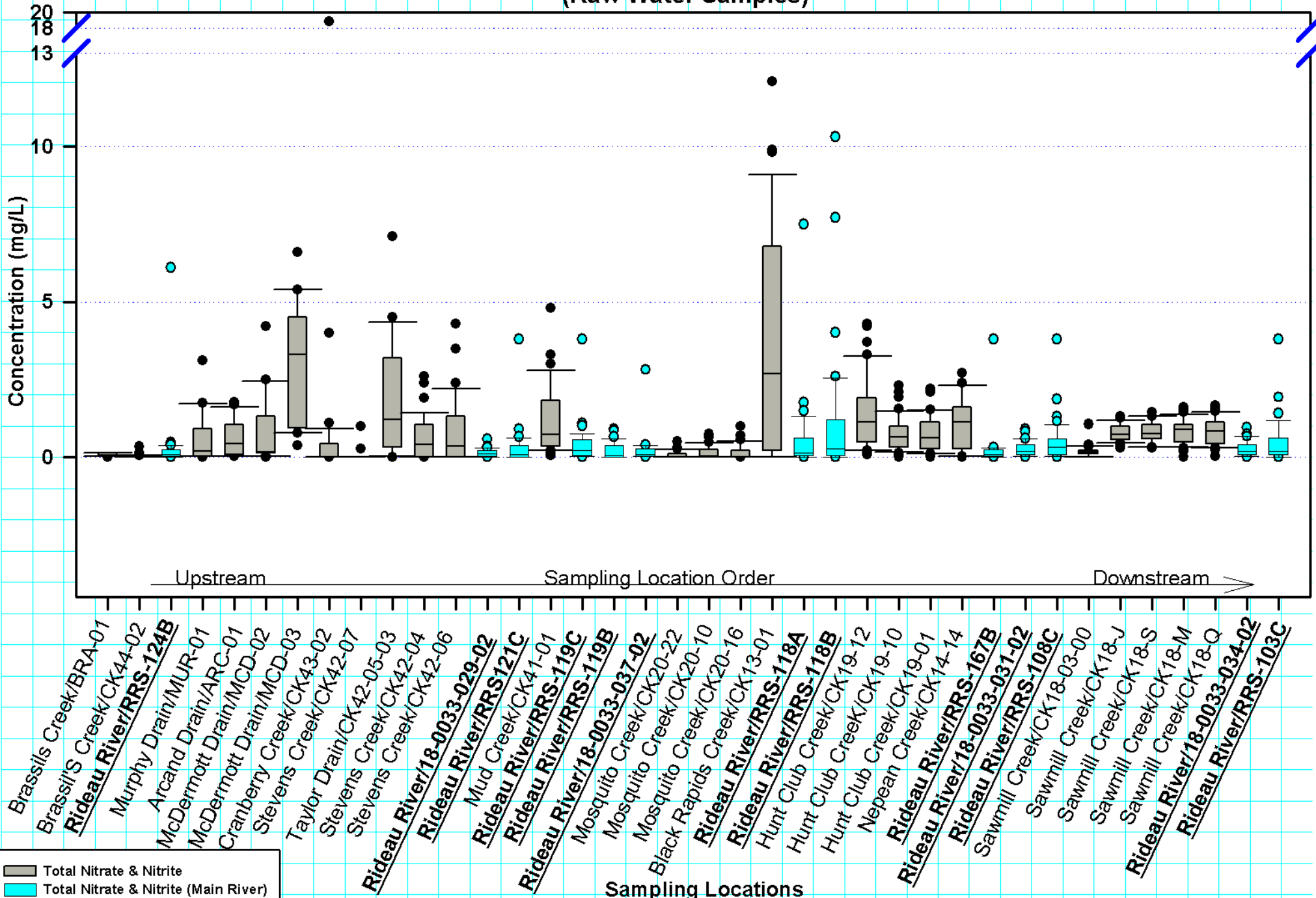
Main River bolded & underlined on Sampling Location axis.







**Lower Rideau Subwatershed**  
 (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06  
 (Raw Water Samples)

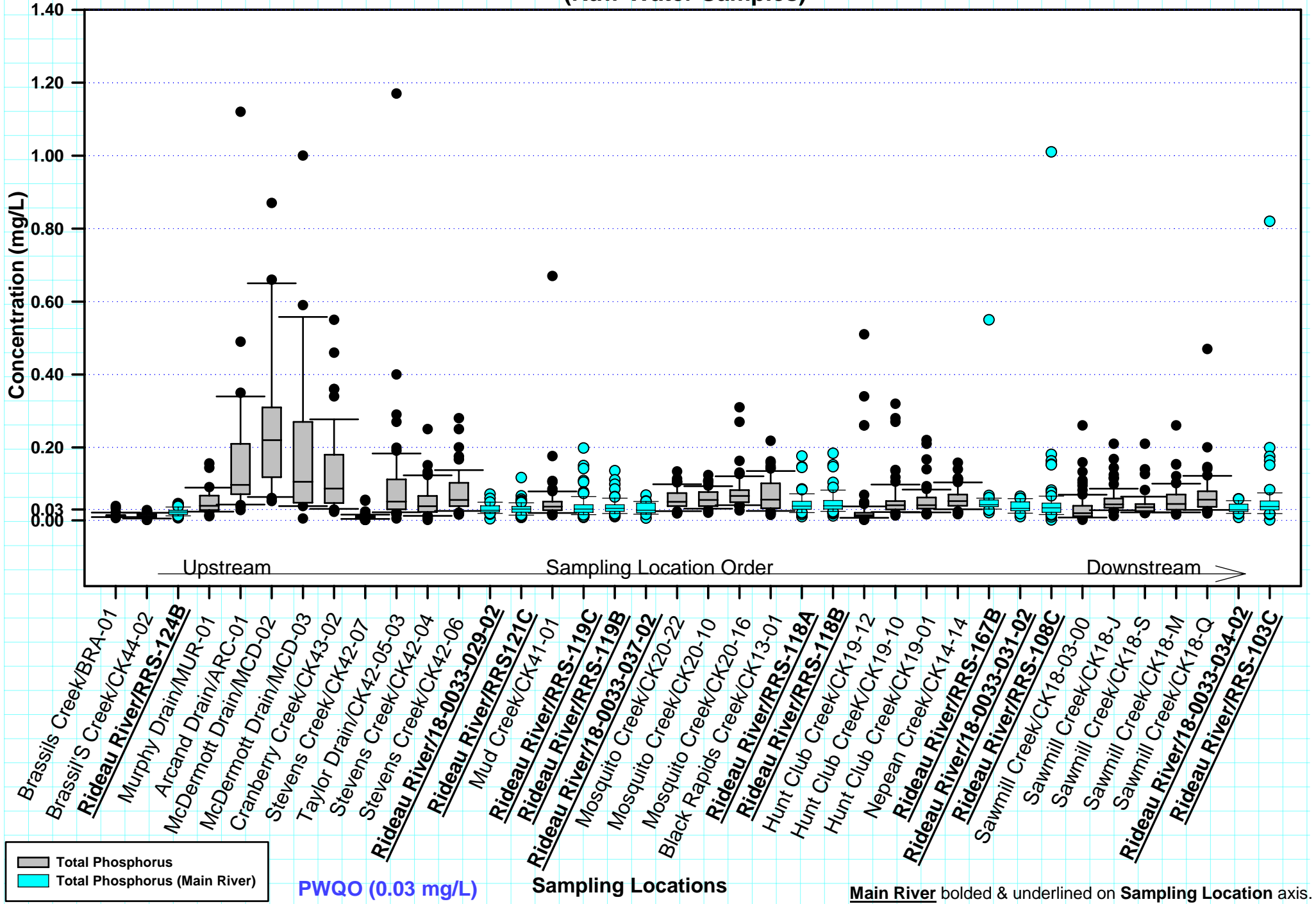


Brassill's Creek/BRA-01  
 Brassill's Creek/CK44-02  
**Rideau River/RRS-124B**  
 Murphy Drain/MUR-01  
 Arcand Drain/ARC-01  
 McDermott Drain/MCD-01  
 Cranberry Drain/MCD-02  
 Stevens Creek/CK43-03  
 Stevens Creek/CK43-02  
 Taylor Drain/CK42-07  
 Stevens Creek/CK42-05-03  
 Stevens Creek/CK42-04  
 Stevens Creek/CK42-06  
**Rideau River/18-0033-029-02**  
**Rideau River/RRS121C**  
 Mud Creek/CK41-01  
**Rideau River/RRS-119C**  
**Rideau River/18-0033-119B**  
 Mosquito Creek/CK20-22  
 Mosquito Creek/CK20-10  
 Black Rapids Creek/CK20-16  
**Rideau River/RRS-118A**  
**Rideau River/RRS-118B**  
 Hunt Club Creek/CK19-12  
 Hunt Club Creek/CK19-10  
 Nepean Creek/CK19-01  
**Rideau River/RRS-14-14**  
**Rideau River/18-0033-031-02**  
**Rideau River/RRS-108C**  
 Sawmill Creek/CK18-03-00  
 Sawmill Creek/CK18-J  
 Sawmill Creek/CK18-S  
 Sawmill Creek/CK18-M  
 Sawmill Creek/CK18-Q  
**Rideau River/18-0033-034-02**  
**Rideau River/RRS-103C**

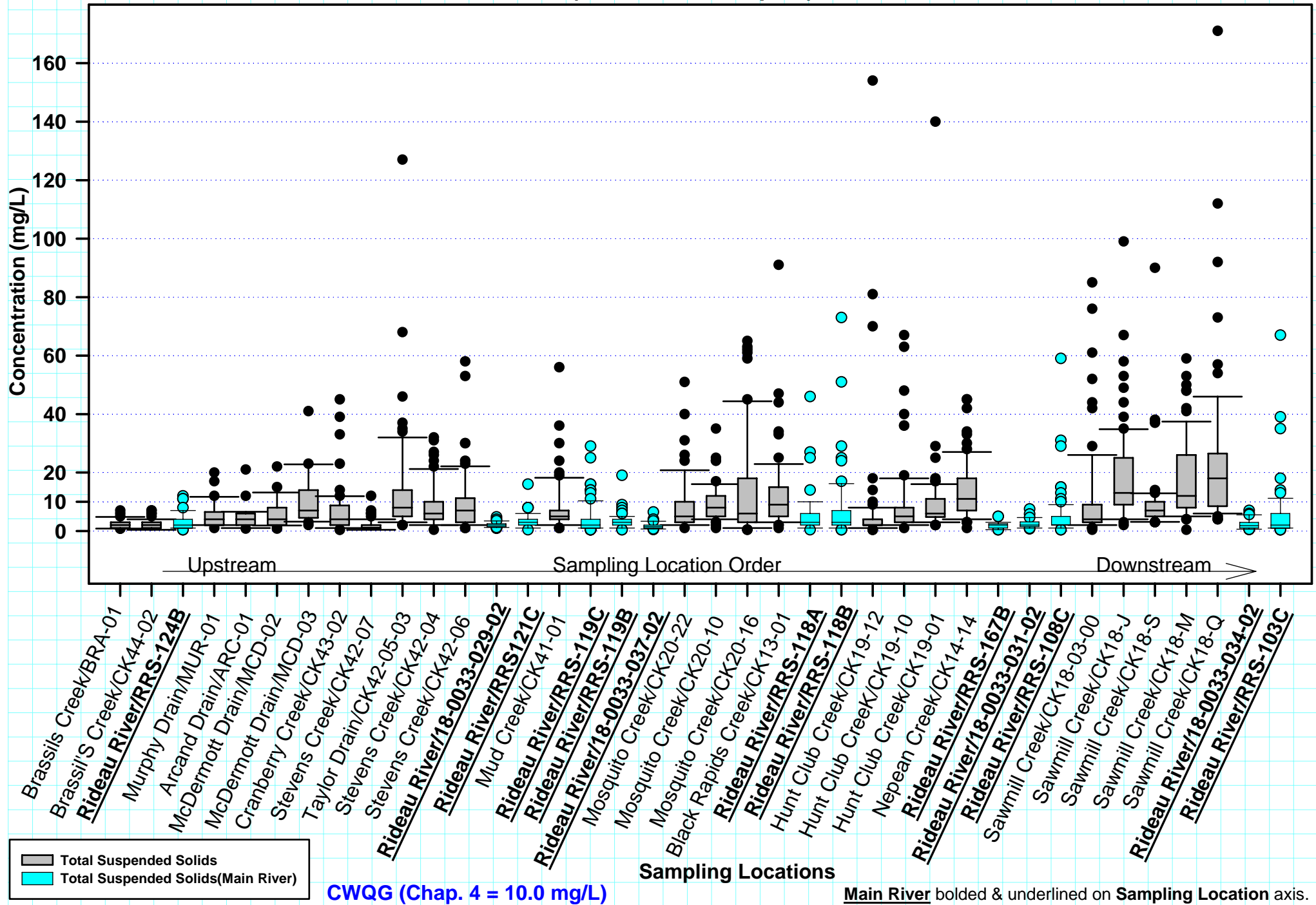
ODWQS (MAC = 10.0 mg/L)

Main River bolded & underlined on Sampling Location axis.

# Lower Rideau Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)

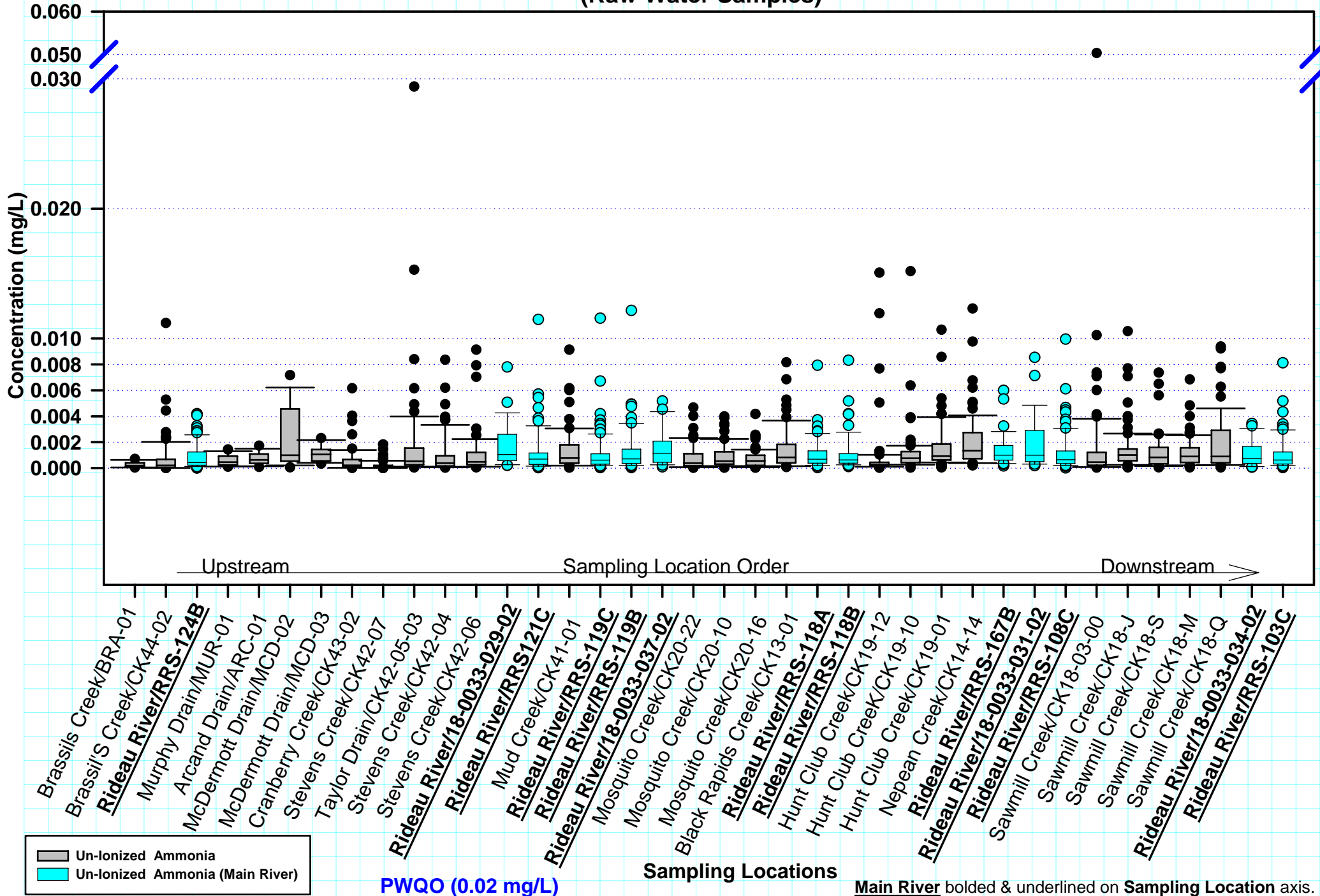


# Lower Rideau Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)

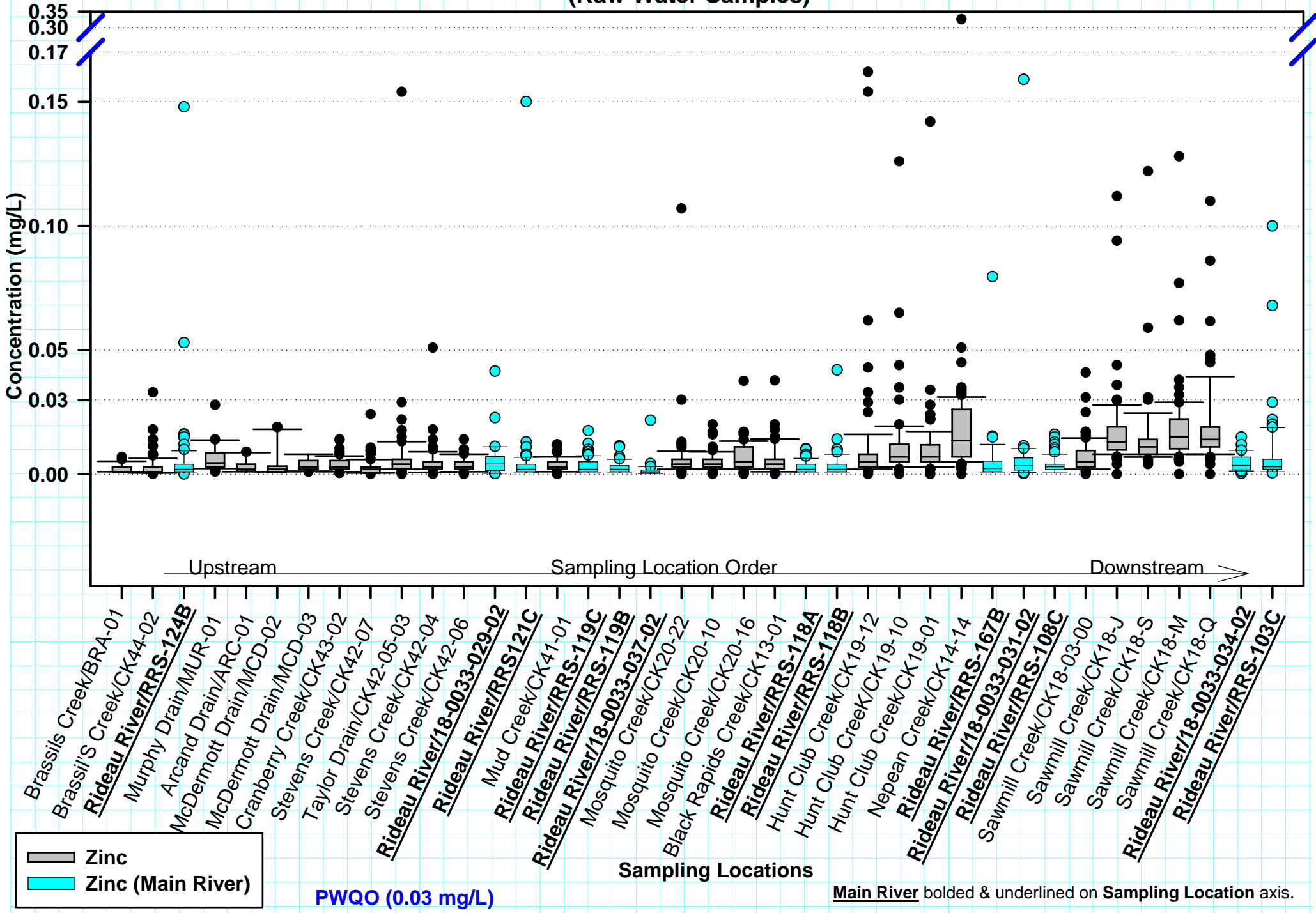


Brassils Creek/BRA-01  
 Brassill'S Creek/CK44-02  
**Rideau River/RRS-124B**  
 Murphy Drain/MUR-01  
 Arcand Drain/ARC-01  
 McDermott Drain/MCD-01  
 McDermott Drain/MCD-02  
 Cranberry Creek/MCD-03  
 Stevens Creek/CK43-02  
 Taylor Drain/CK42-07  
 Stevens Creek/CK42-05-03  
 Stevens Creek/CK42-04  
 Stevens Creek/CK42-06  
**Rideau River/18-0033-029-02**  
**Rideau River/RRS121C**  
 Mud Creek/CK41-01  
**Rideau River/RRS-119C**  
**Rideau River/18-0033-119B**  
 Mosquito Creek/CK37-02  
 Mosquito Creek/CK20-22  
 Mosquito Creek/CK20-10  
 Black Rapids Creek/CK20-16  
**Rideau River/CK13-01**  
**Rideau River/RRS-118A**  
 Hunt Club Creek/CK19-12  
**Rideau River/RRS-118B**  
 Hunt Club Creek/CK19-10  
 Nepean Creek/CK19-01  
**Rideau River/CK14-14**  
**Rideau River/18-0033-167B**  
**Rideau River/RRS-108C**  
 Sawmill Creek/CK18-03-00  
 Sawmill Creek/CK18-J  
 Sawmill Creek/CK18-S  
 Sawmill Creek/CK18-M  
**Rideau River/18-0033-034-02**  
**Rideau River/RRS-103C**

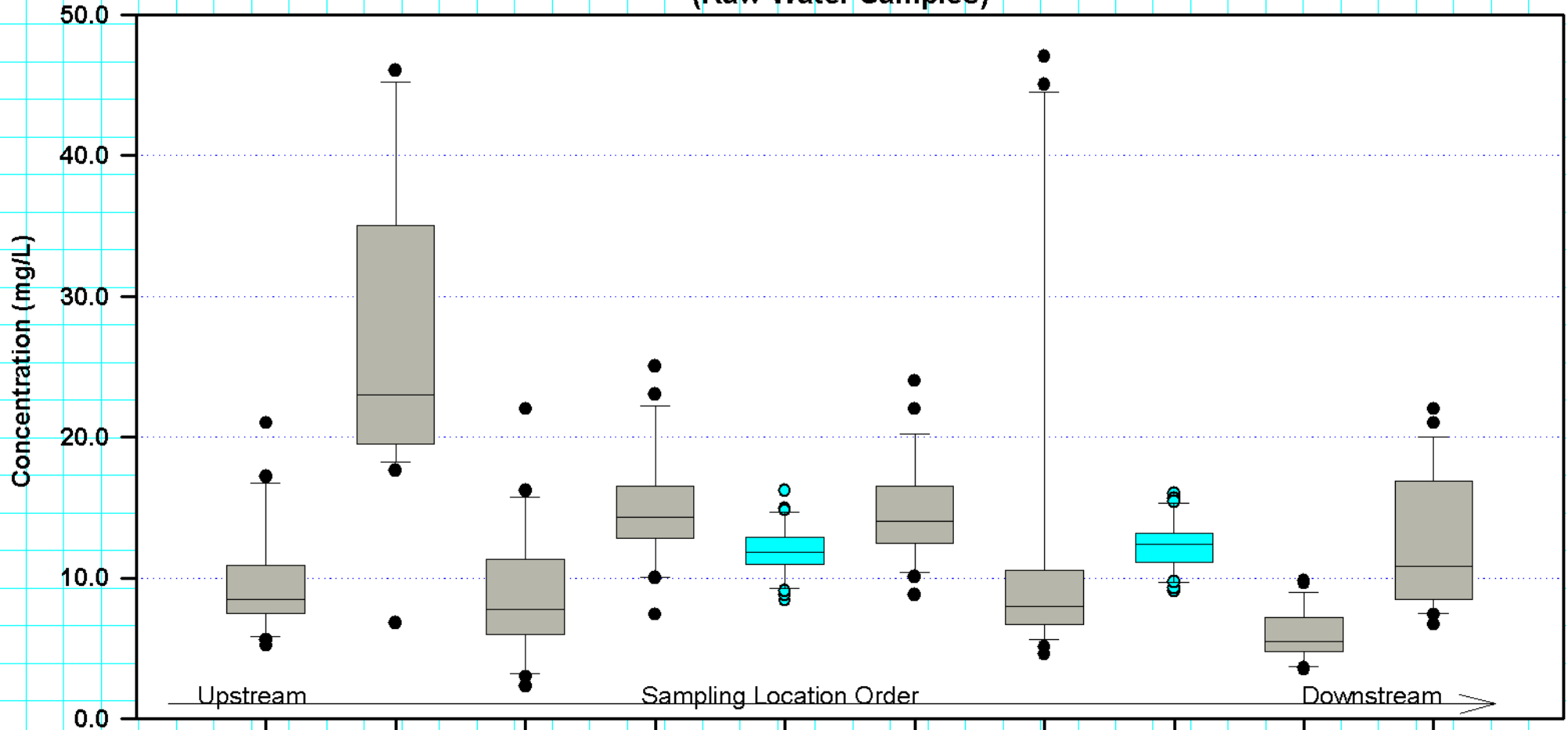
# Lower Rideau Subwatershed (City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06 (Raw Water Samples)



**Lower Rideau Subwatershed  
(City of Ottawa Baseline Water Quality Program, PWQMN & RVCA Stations) - 2000-06  
(Raw Water Samples)**



**Middle Rideau Subwatershed  
(RVCA Stations) - 2001-05  
(Raw Water Samples)**



**RIDEAU RIVER/18003302602**

**RIDEAU RIVER/18003303502**

Sampling Locations

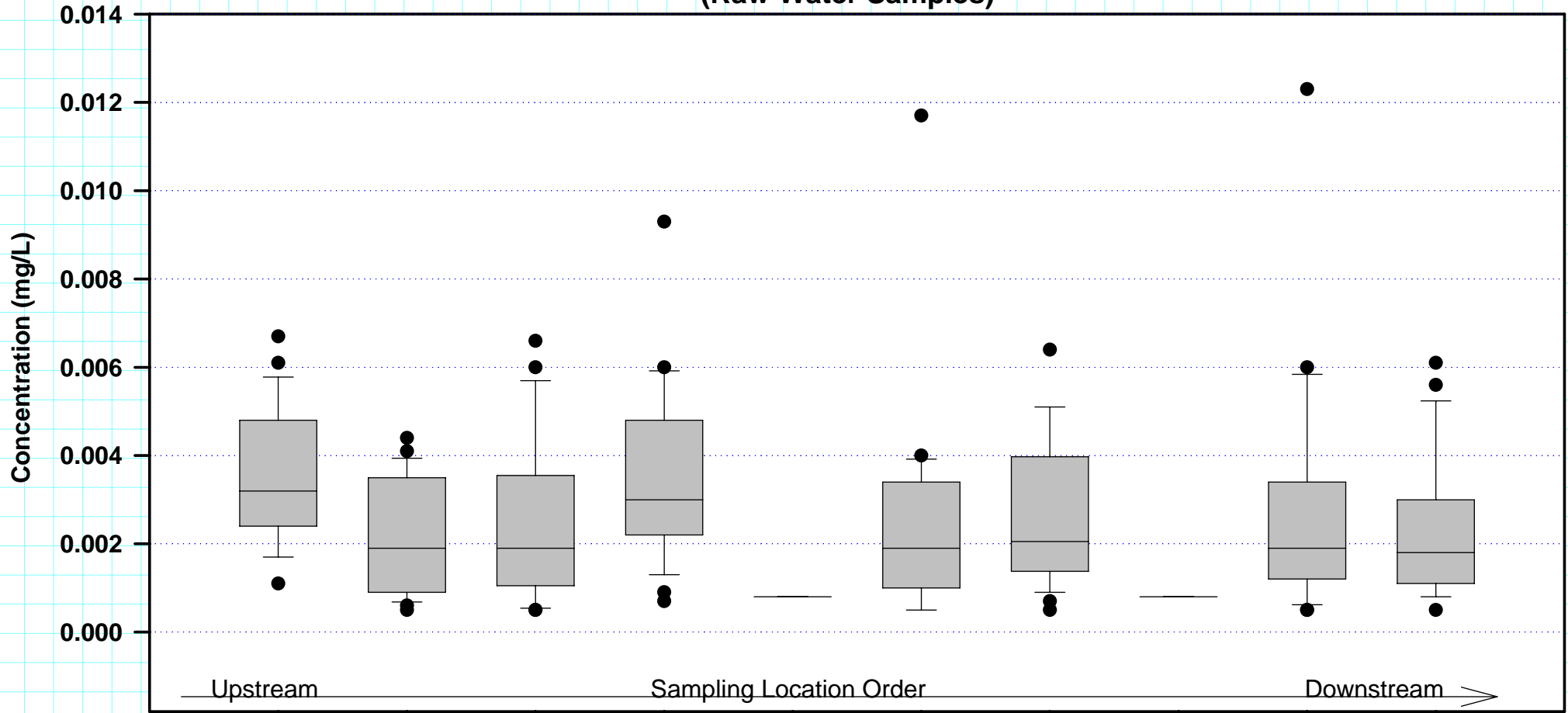
Chloride Levels  
 Chloride Levels (Main River)

ODWSOG (AO = 250 mg/L)

Main River bolded & underlined on Sampling Location axis.



### Middle Rideau Subwatershed (RVCA Stations) - 2001-05 (Raw Water Samples)

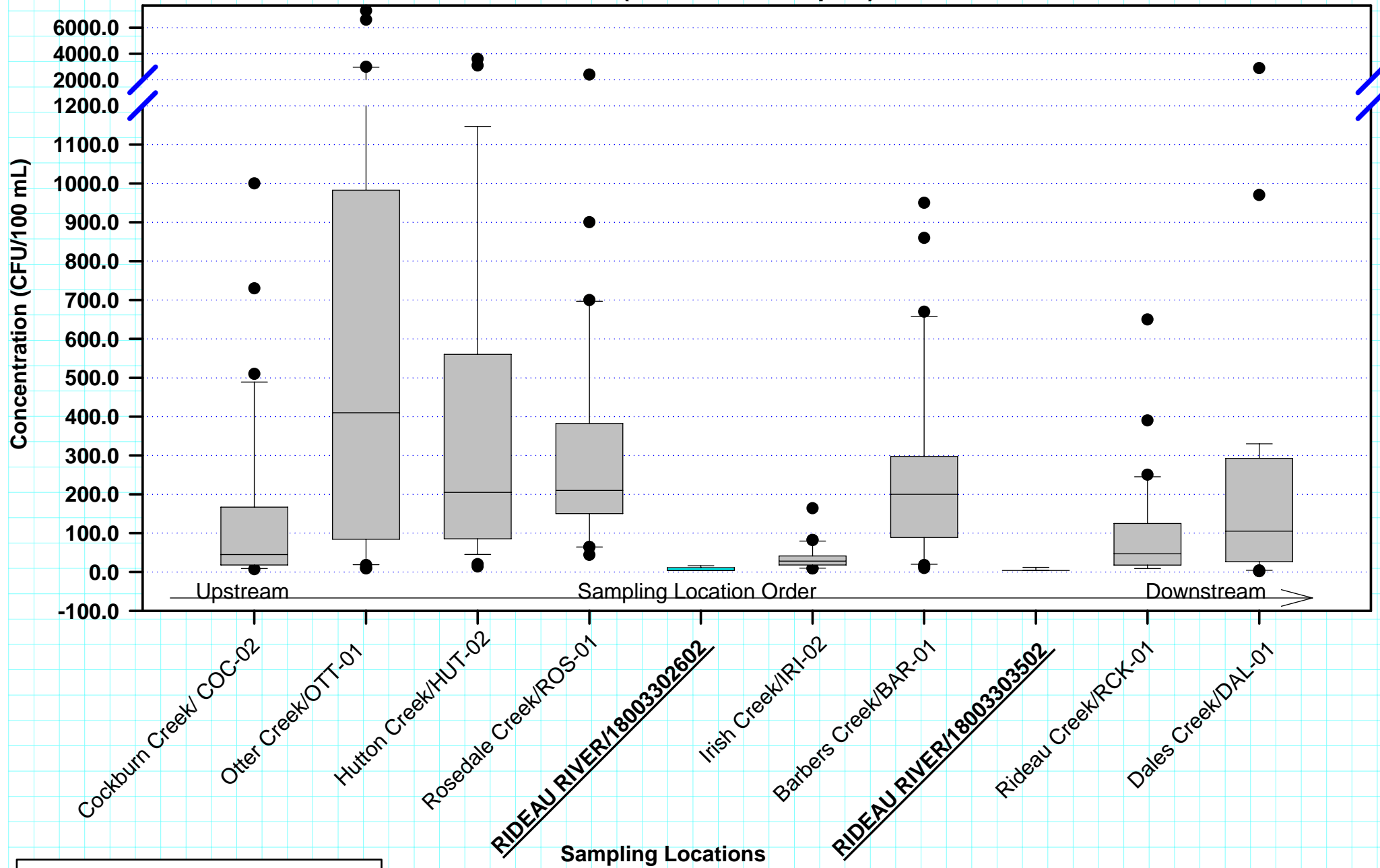


Copper Levels  
 Copper Levels (Main River)

**PWQO (0.005 mg/L)**

Main River bolded & underlined on Sampling Location axis.

# Middle Rideau Subwatershed (RVCA Stations) - 2001-05 (Raw Water Samples)



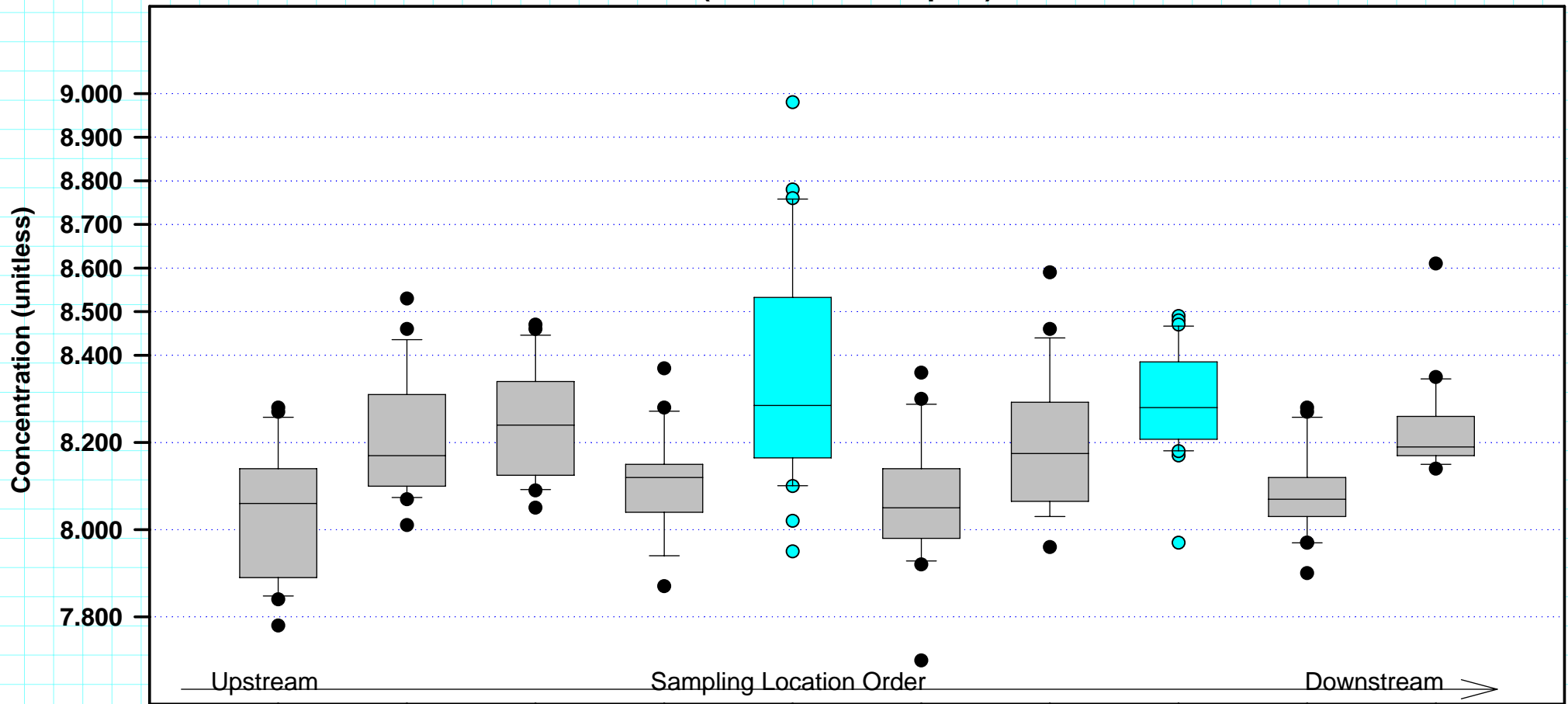
E.coli Levels  
 E.coli Levels (Main River)

PWQO (100 CFU/ 100 mL)

Main River bolded & underlined on Sampling Location axis.



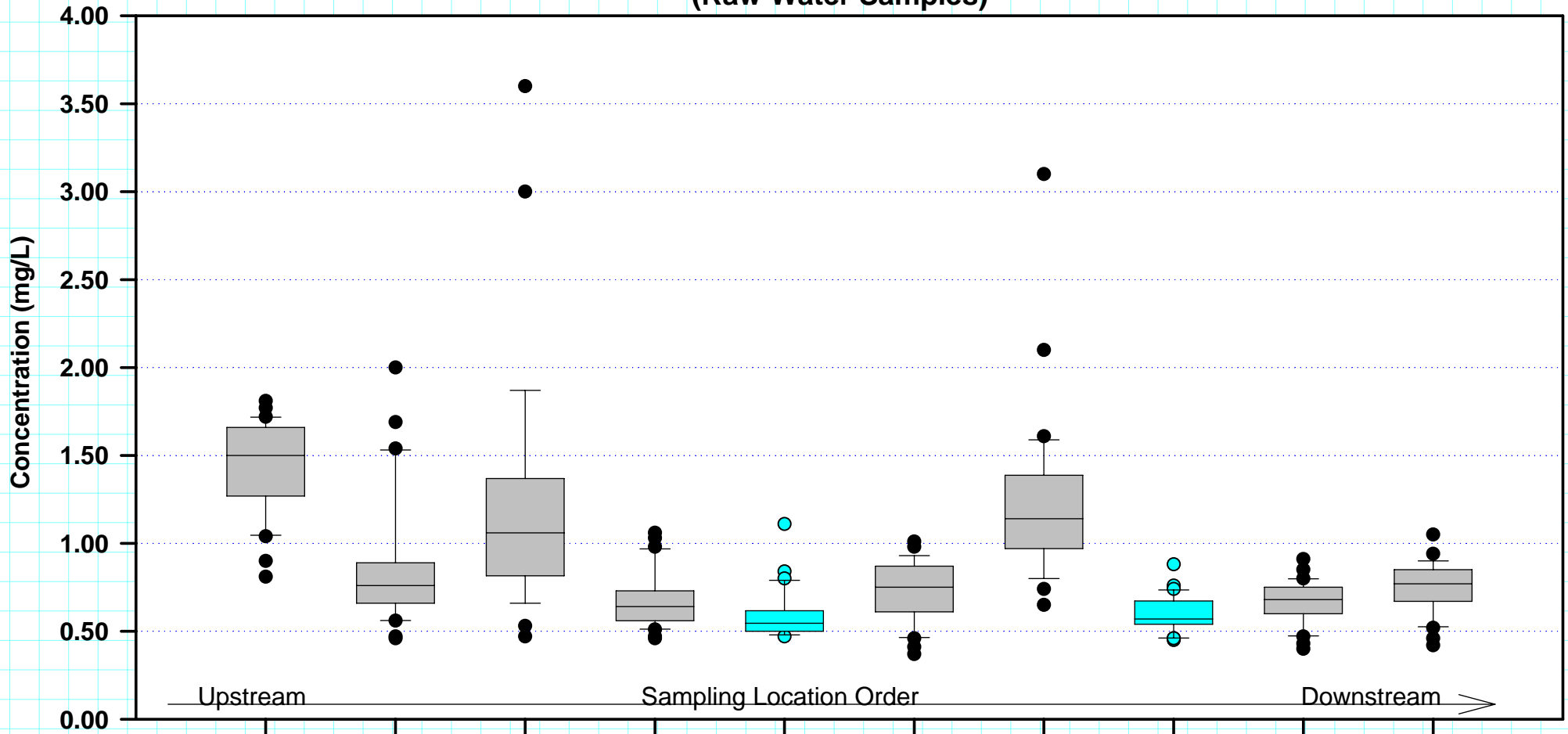
# Middle Rideau Subwatershed (RVCA Stations) - 2001-05 (Raw Water Samples)



PWQO (6.5 to 8.5)

Main River bolded & underlined on Sampling Location axis.

### Middle Rideau Subwatershed (RVCA Stations) - 2001-05 (Raw Water Samples)

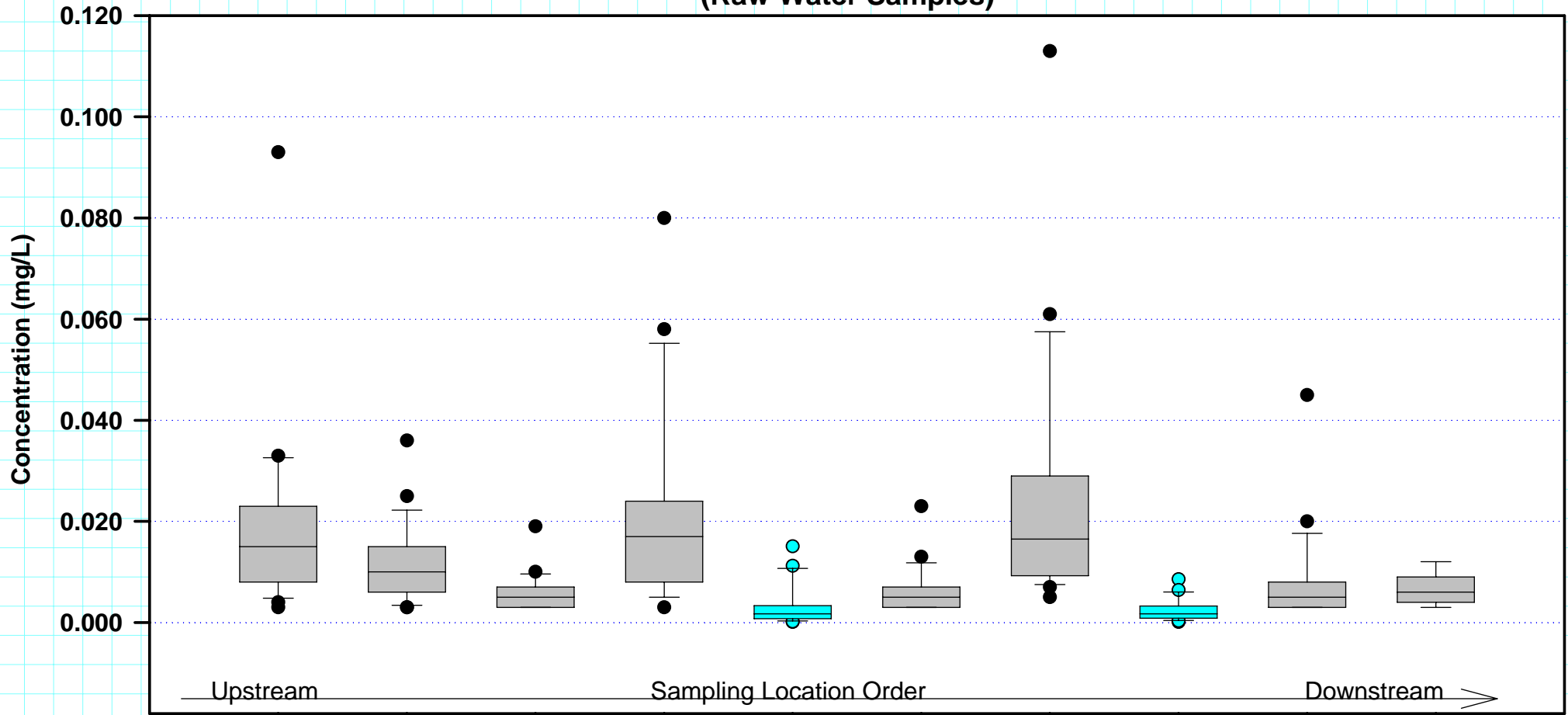


Total Kjeldahl Nitrogen (TKN) Levels  
 Total Kjeldahl Nitrogen (TKN) Levels (Main River)

EC (0.5 mg/L)

Main River bolded & underlined on Sampling Location axis.

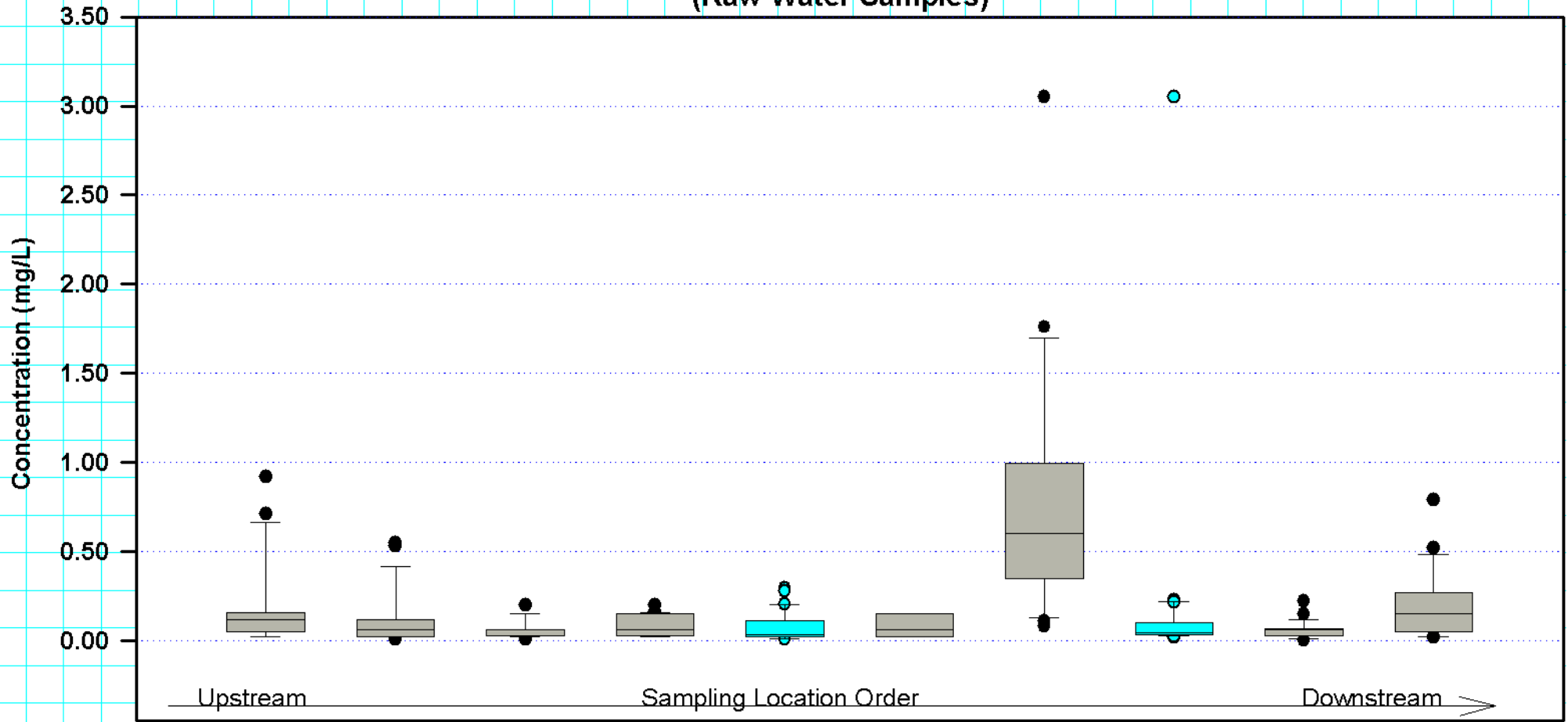
**Middle Rideau Subwatershed  
(RVCA Stations) - 2001-05  
(Raw Water Samples)**



Total Ammonia Levels  
 Total Ammonia Levels (Main River)

Main River bolded & underlined on Sampling Location axis.

Middle Rideau Subwatershed  
 (RVCA Stations) - 2001-05  
 (Raw Water Samples)



Cockburn Creek/COC-02

Otter Creek/OTT-01

Hutton Creek/HUT-02

Rosedale Creek/ROS-01

**RIDEAU RIVER/18003302602**

Irish Creek/IRI-02

Barbers Creek/BAR-01

**RIDEAU RIVER/18003303502**

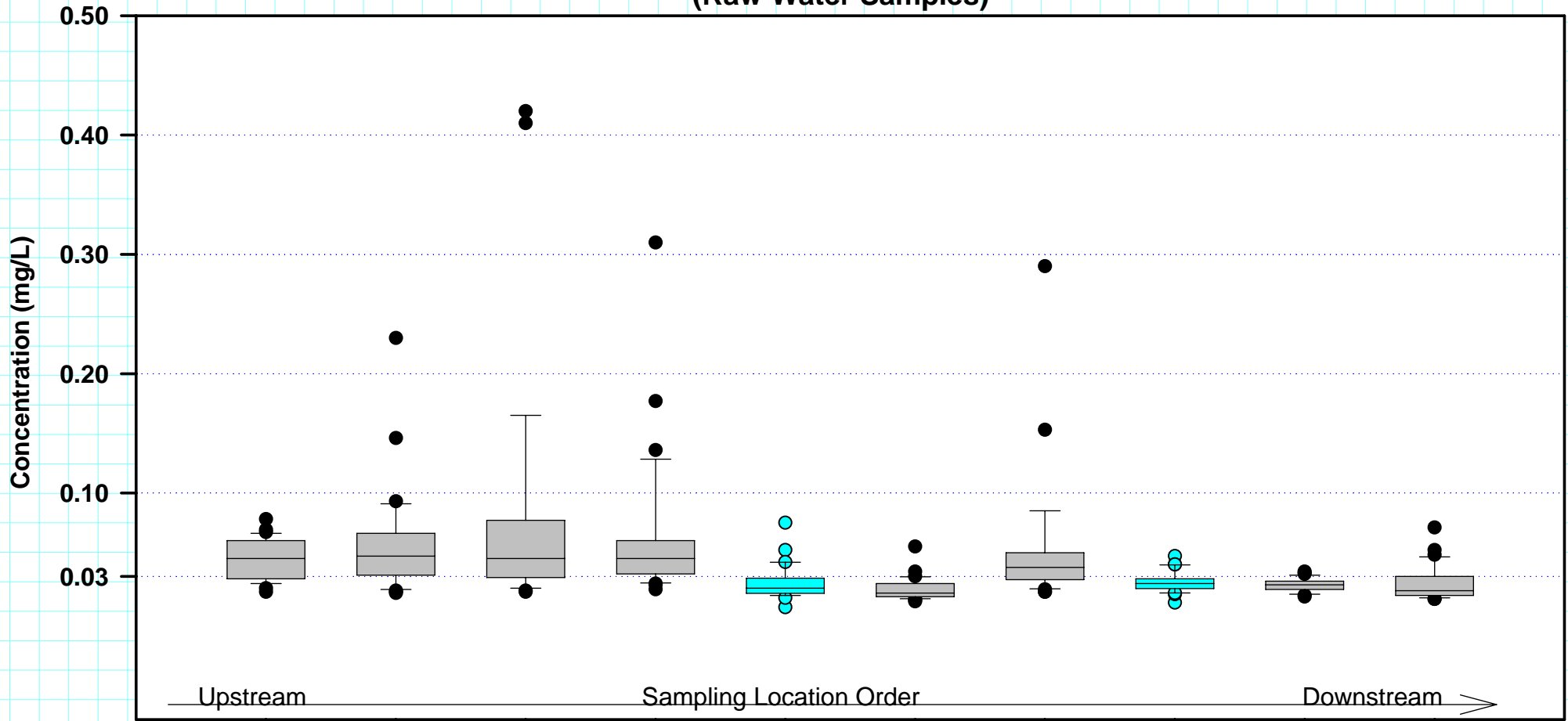
Rideau Creek/RCK-01

Dales Creek/DAL-01

Total Nitrate & Nitrite Levels  
 Total Nitrate & Nitrite Levels (Main River)

Sampling Locations  
 ODWQS (MAC = 10.0 mg/L)  
Main River bolded & underlined on Sampling Location axis.

# Middle Rideau Subwatershed (RVCA Stations) - 2001-05 (Raw Water Samples)



Total Phosphorus Levels  
 Total Phosphorus Levels (Main River)

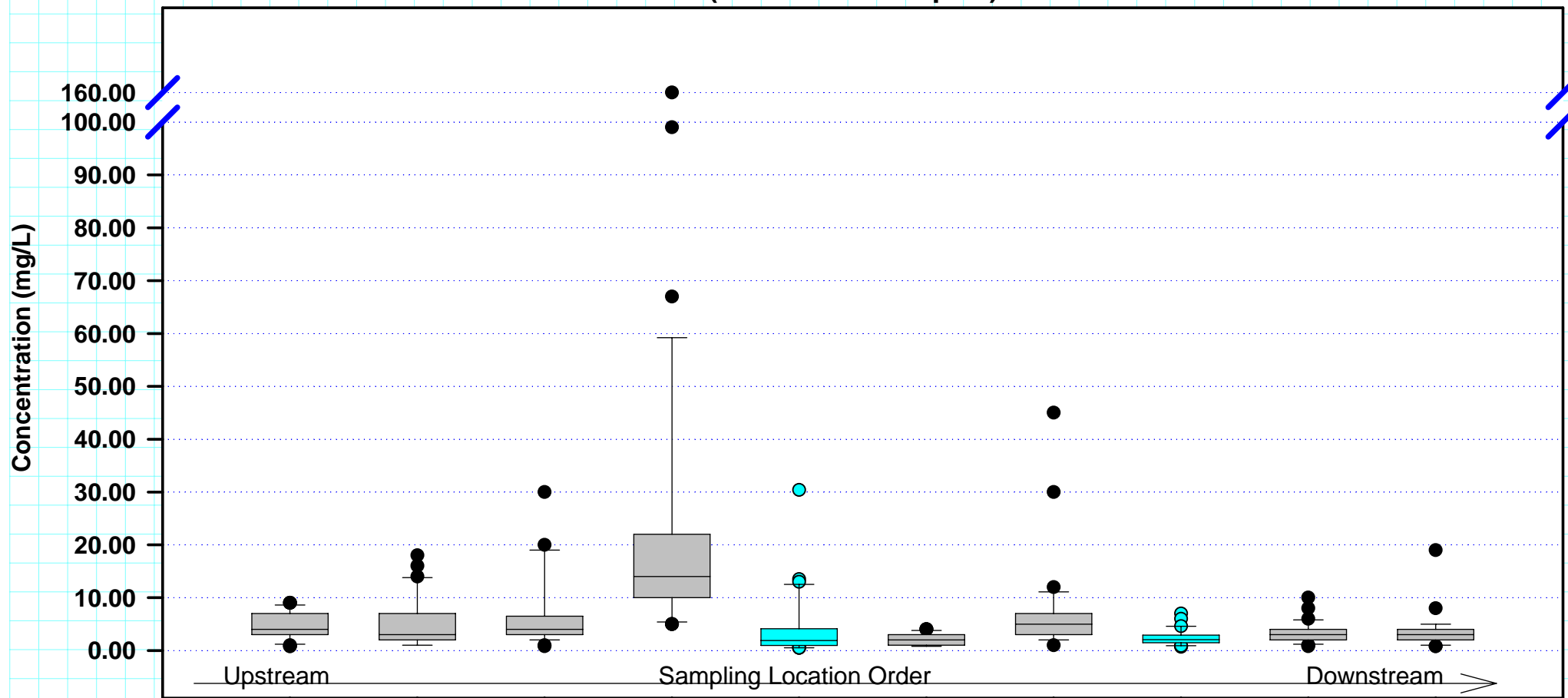
Sampling Locations

PWQO (0.03 mg/L)

Main River bolded & underlined on Sampling Location axis.



**Middle Rideau Subwatershed  
(RVCA Stations) - 2001-05  
(Raw Water Samples)**



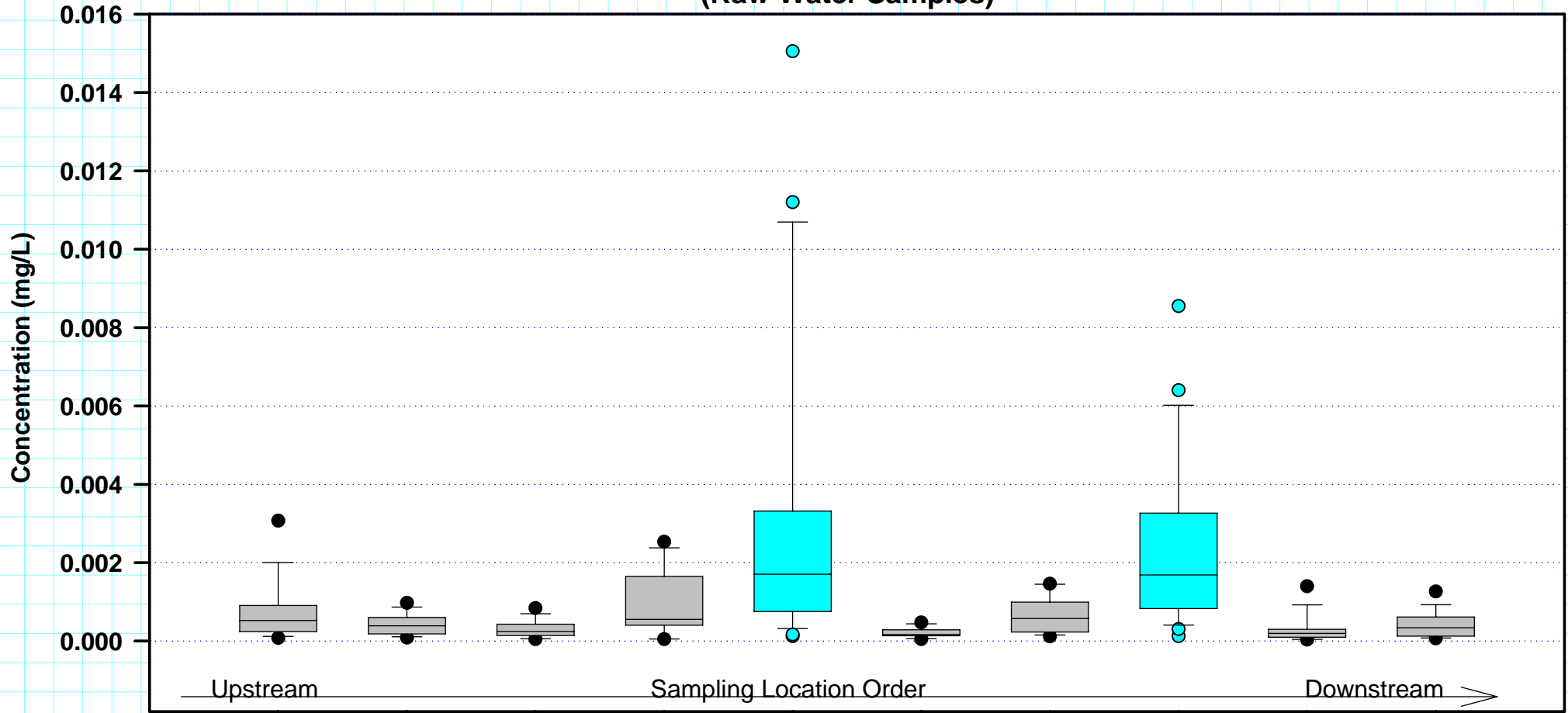
**Sampling Locations**

Total Suspended Solids (TSS) Levels  
 Total Suspended Solids (TSS) Levels (Main River)

**CWQG (chap.4 = 10.0 mg/L)**

Main River bolded & underlined on Sampling Location axis.

### Middle Rideau Subwatershed (RVCA Stations) - 2001-05 (Raw Water Samples)



Cockburn Creek/COC-02
Otter Creek/OTT-01
Hutton Creek/HUT-02
Rosedale Creek/ROS-01
**RIDEAU RIVER/18003302602**
Irish Creek/IRI-02
Barbers Creek/BAR-01
**RIDEAU RIVER/18003303502**
Rideau Creek/RCK-01
Dales Creek/DAL-01

**Un-ionized Ammonia Levels**  

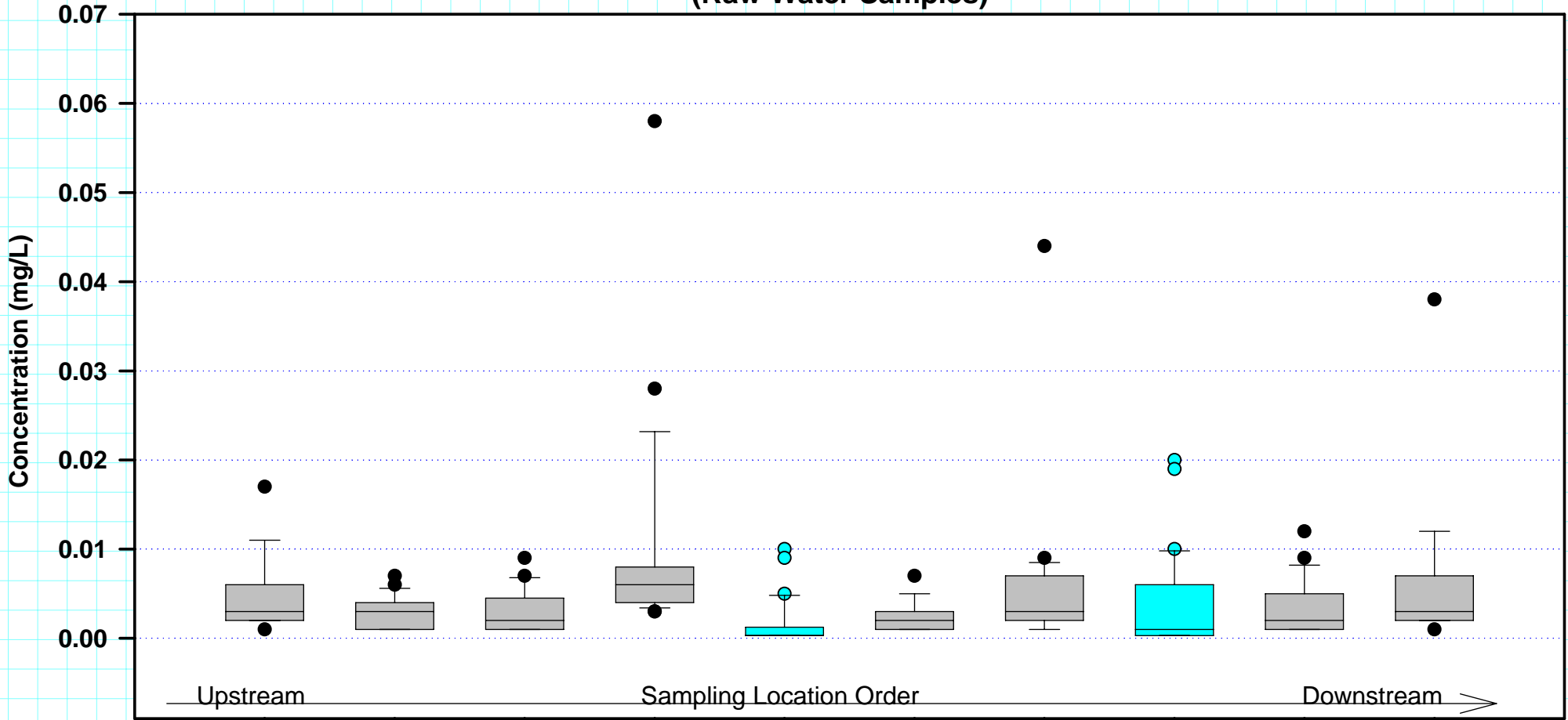
**Un-ionized Ammonia Levels (Main River)**

**Sampling Locations**

**PWQO (0.02 mg/L)**

Main River bolded & underlined on **Sampling Location** axis.

### Middle Rideau Subwatershed (RVCA Stations) - 2001-05 (Raw Water Samples)



**RIDEAU RIVER/18003302602**  
**RIDEAU RIVER/18003303502**

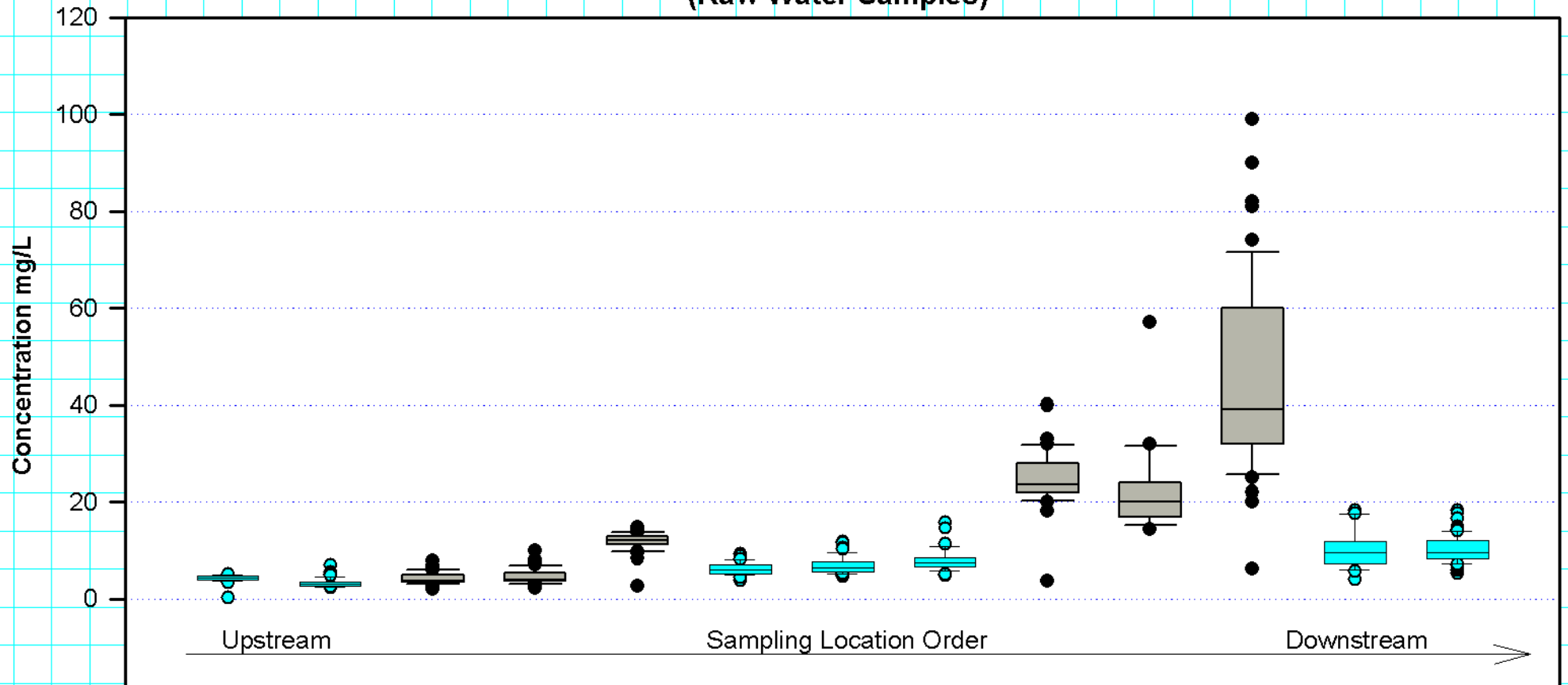
Sampling Locations



PWQO (0.03 mg/L)

Main River bolded & underlined on Sampling Location axis.

**Mississippi Watershed  
(City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
(Raw Water Samples)**



**Sampling Locations**

*Mazinaw Lake/18-3430-230-02*    *Dalhousie Lake/18-3430-175-02*    *Clyde River - Kerr Lake/18-3430-330-02*    *Clyde River - Lanark/18-3430-520-02*    *Fall River - Bennett Lake/18-3430-610-02*    *Appleton/18-3430-061-02*    *Almonte/18-3430-061-02*    *Pakenham/18-3430-040-02*    *Cody Creek/CK3-04*    *Cody Creek/CK3-03*    *Cody Creek/CK3-01*    *Galetta/18-3430-030-02*    *Galetta/R9-01*

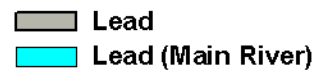
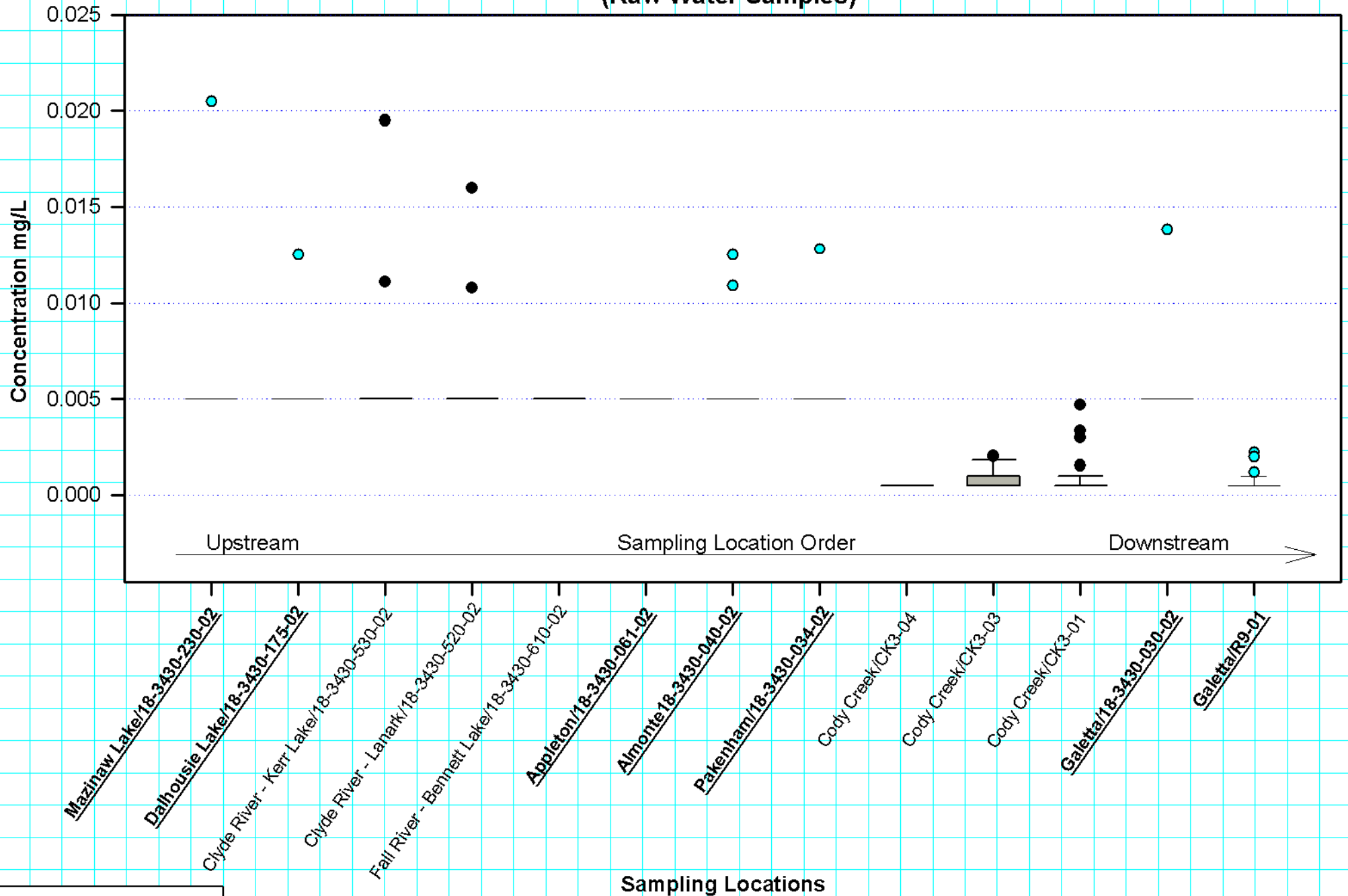
Chloride  
 Chloride (Main River)

**ODWSOG (AO = 250 mg/L)**

**Main River** bolded & underlined on **Sampling Location** axis.



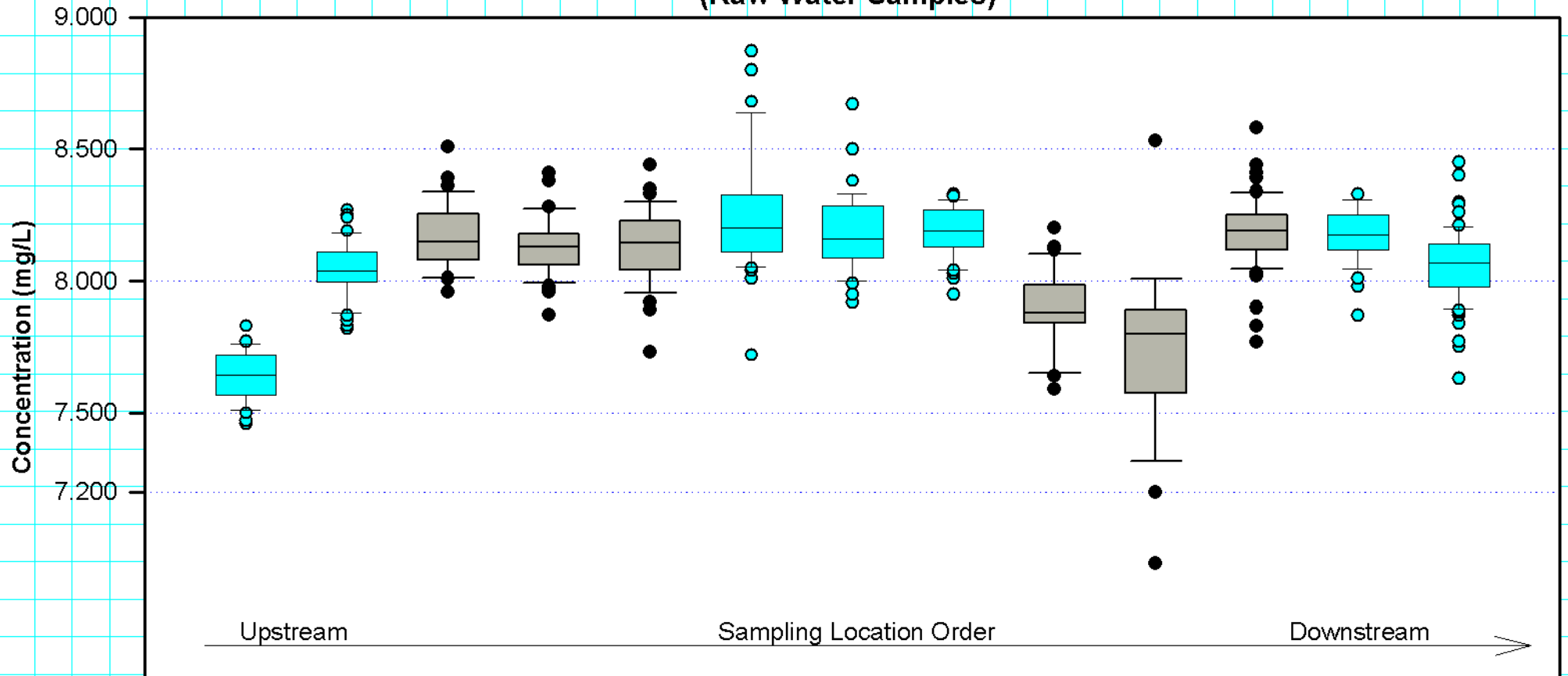
**Mississippi Watershed  
(City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
(Raw Water Samples)**



Main River bolded & underlined on Sampling Location axis.

The PWQO for lead varies from 0.005 mg/L to 0.025mg/L depending upon alkalinity concentrations.

# Mississippi Watershed (City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06 (Raw Water Samples)



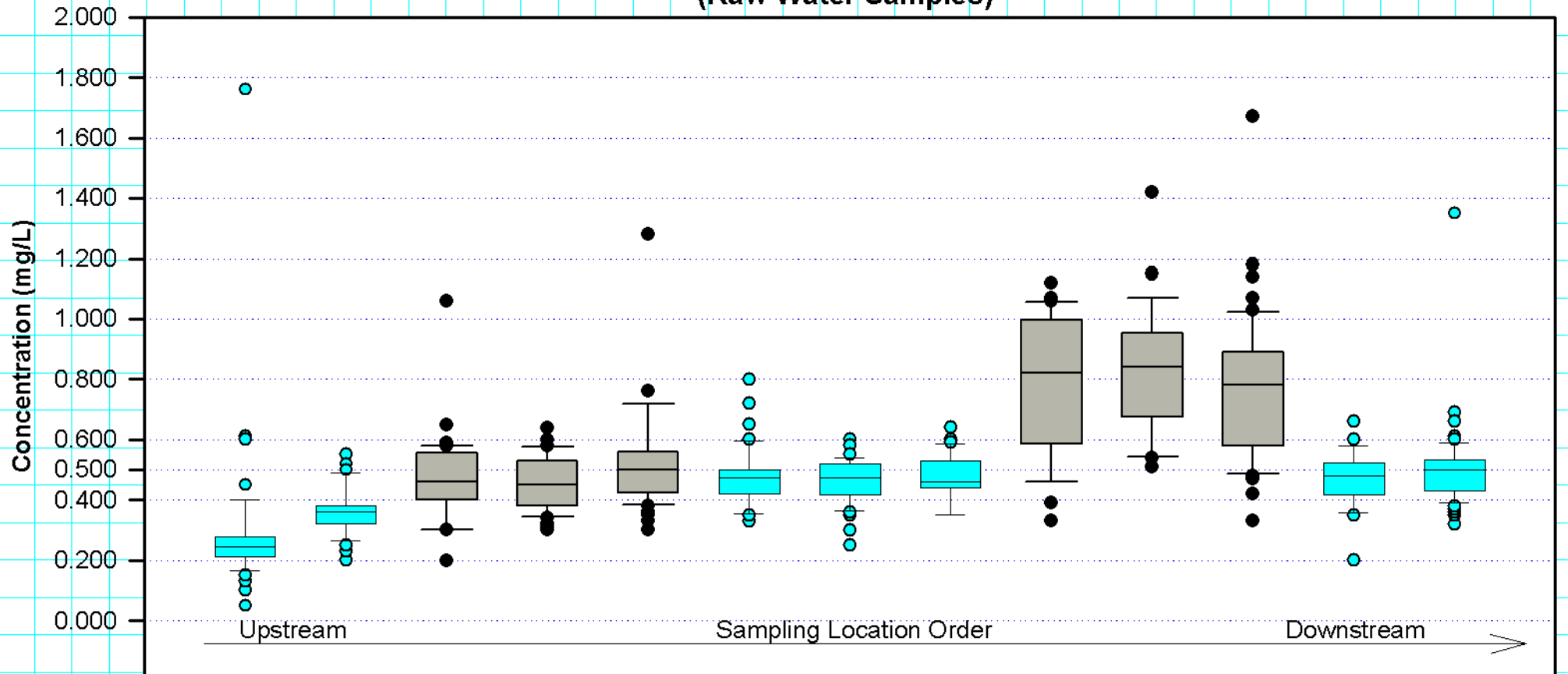
**Mazinaw Lake/18-3430-230-02**    
 **Dalhousie Lake/18-3430-175-02**    
 Clyde River - Kerr Lake/18-3430-530-02    
 Clyde River - Lanark/18-3430-520-02    
 Fall River - Bennett Lake/18-3430-610-02    
 **Appleton/18-3430-061-02**    
 **Almonte/18-3430-040-02**    
 **Pakenham/18-3430-034-02**    
 Cody Creek/CK3-04    
 Cody Creek/CK3-03    
 Cody Creek/CK3-01    
 **Galetta/18-3430-030-02**    
 **Galetta/R9-01**

pH  
 pH (Main River)

PWQO (6.5 to 8.5)

**Main River** bolded & underlined on **Sampling Location** axis.

# Mississippi Watershed (City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06 (Raw Water Samples)



Sampling Location Order

Downstream

Sampling Locations

Mazinaw Lake/18-3430-230-02  
Dalhousie Lake/18-3430-175-02  
 Clyde River - Kerr Lake/18-3430-530-02  
 Clyde River - Lahark/18-3430-520-02  
 Fall River - Bennett Lake/18-3430-610-02  
Almonte/18-3430-061-02  
Pakenham/18-3430-040-02  
 Cody Creek/CK3-04  
 Cody Creek/CK3-03  
 Cody Creek/CK3-01  
Galetta/18-3430-030-02  
Galetta/R9-01

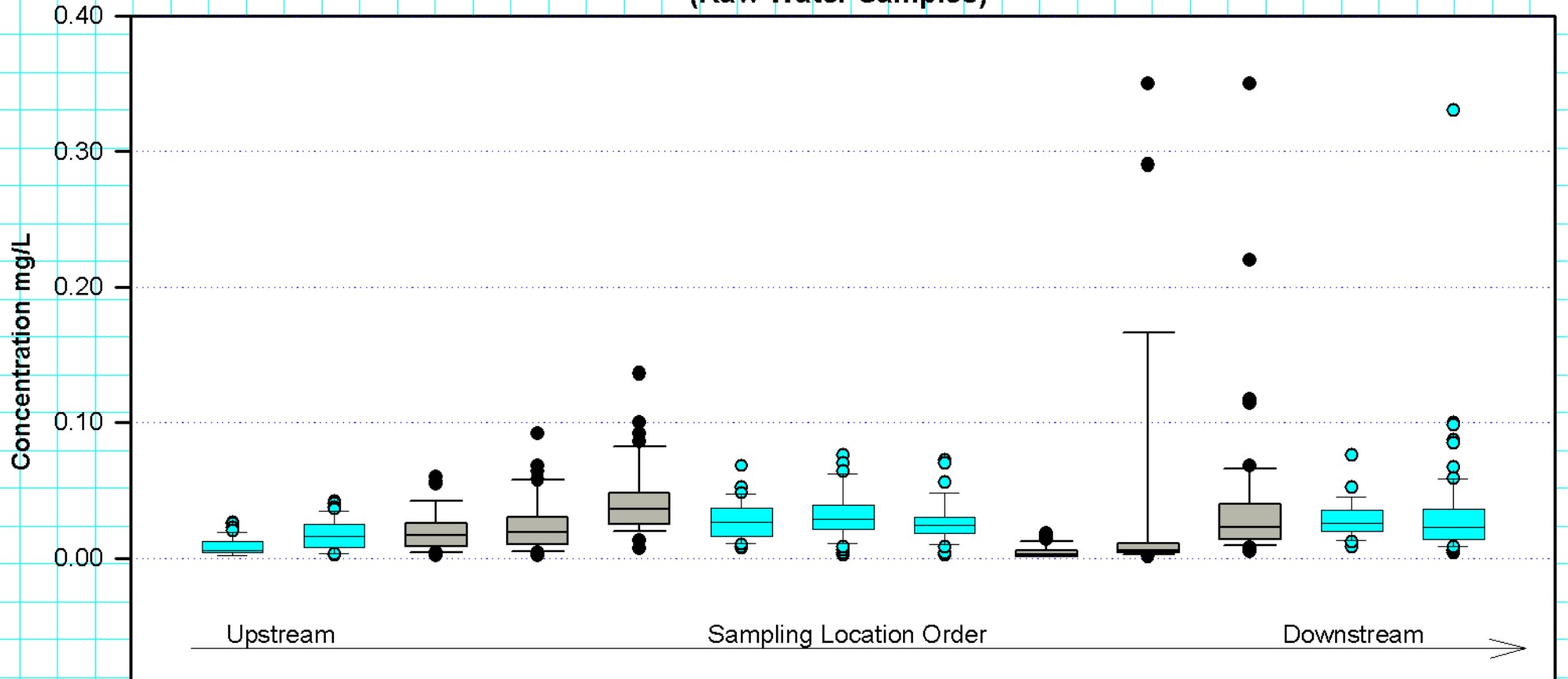
Total Kjeldahl Nitrogen  
 Total Kjeldahl Nitrogen (Main River)

EC (0.5 mg/L)

Main River bolded & underlined on Sampling Location axis.



**Mississippi Watershed  
(City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
(Raw Water Samples)**



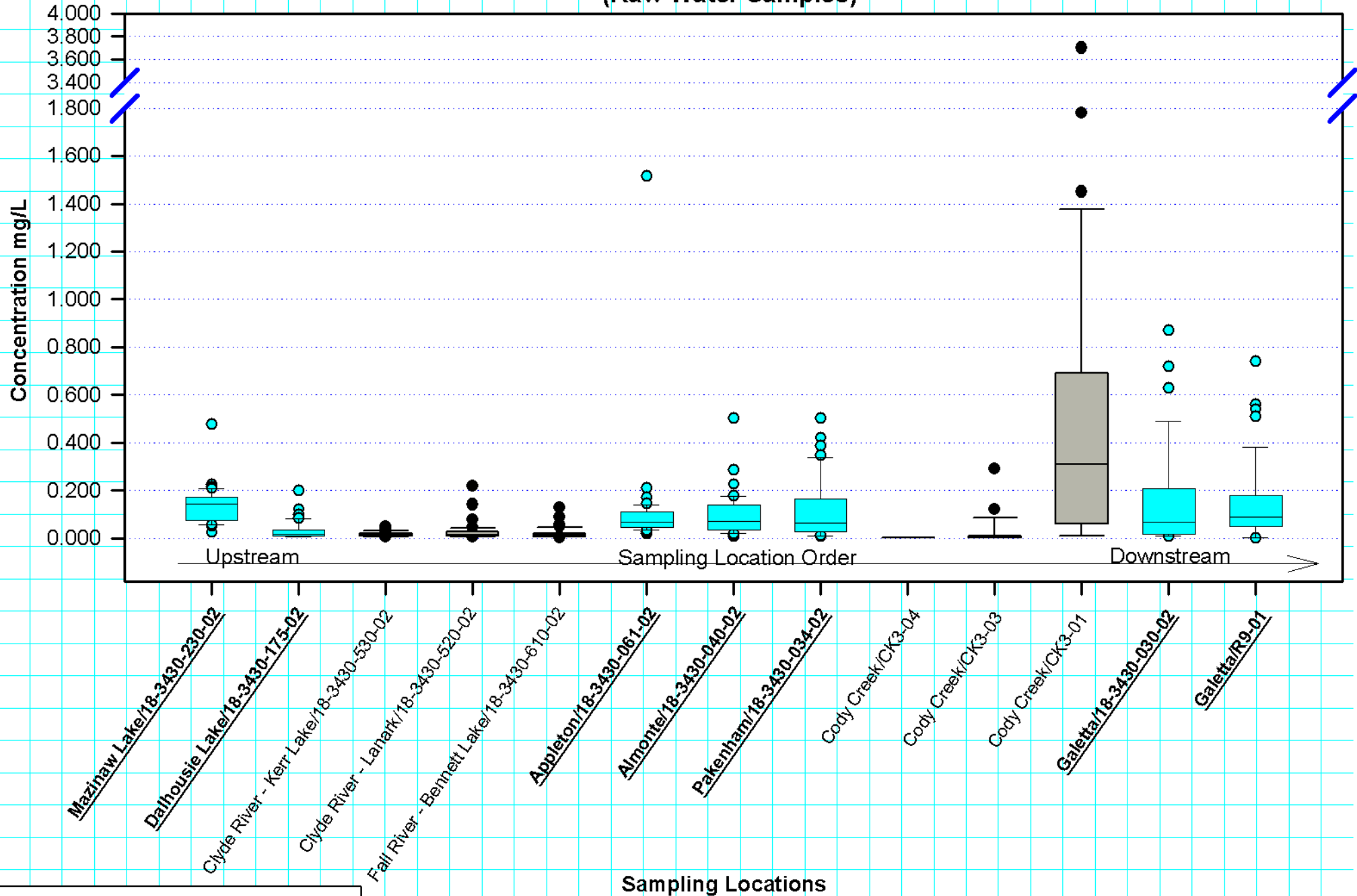
Sampling Locations

Mazinaw Lake/18-3430-230-02    
 Dalhousie Lake/18-3430-175-02    
 Clyde River - Kerr Lake/18-3430-530-02    
 Clyde River - Lanark/18-3430-520-02    
 Fall River - Bennett Lake/18-3430-610-02    
**Appleton/18-3430-061-02**    
**Almonte/18-3430-040-02**    
**Pakenham/18-3430-034-02**    
 Cody Creek/CK3-04    
 Cody Creek/CK3-03    
 Cody Creek/CK3-01    
**Galetta/18-3430-030-02**    
**Galetta/R9-01**

Total Ammonia & Ammonium  
 Total Ammonia & Ammonium (Main River)

**Main River** bolded & underlined on **Sampling Location** axis.

# Mississippi Watershed (City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06 (Raw Water Samples)

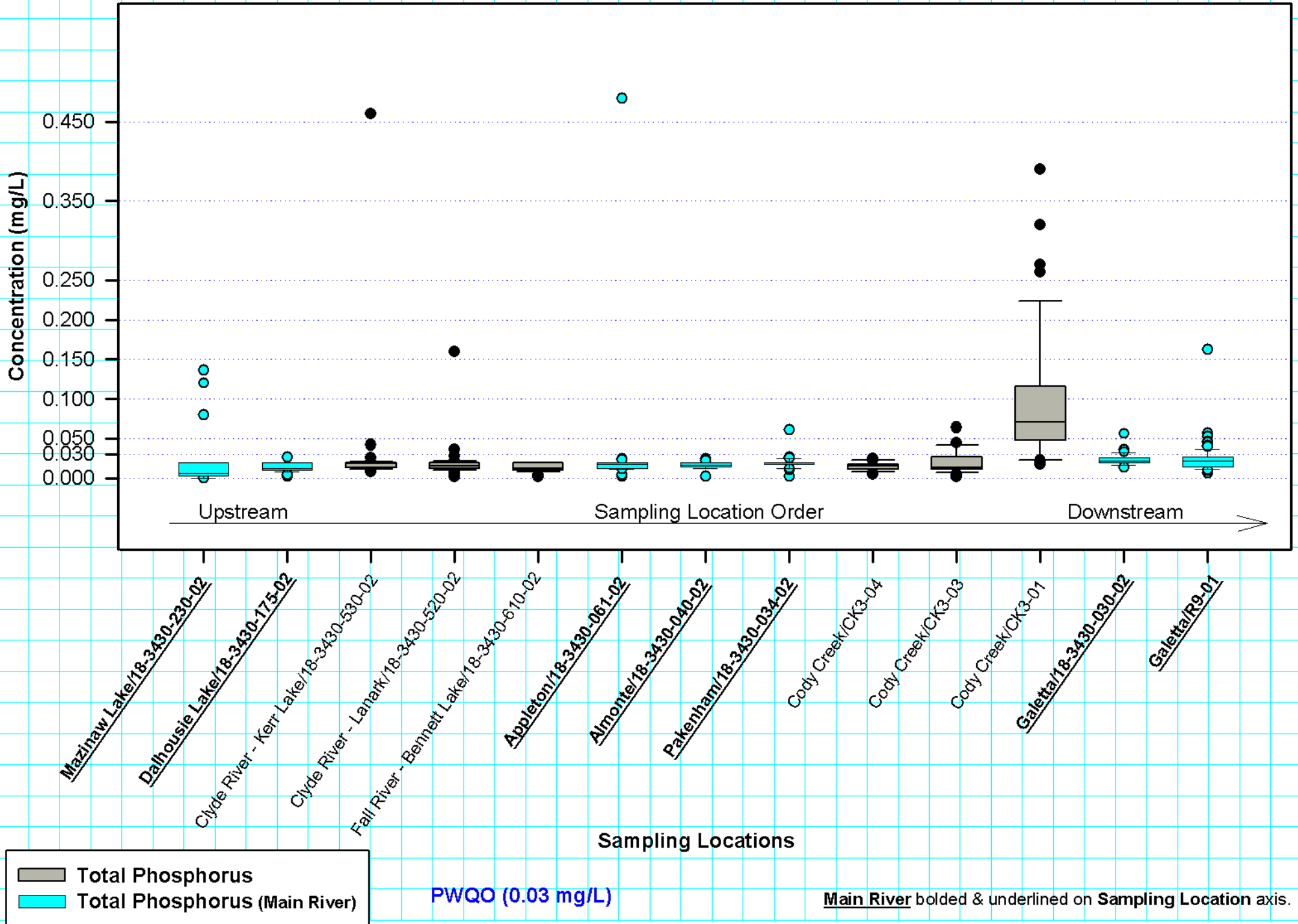


Total Nitrate & Nitrite  
 Total Nitrate & Nitrite (Main River)

ODWQS (MAC = 10.0 mg/L)

Main River bolded & underlined on Sampling Location axis.

**Mississippi Watershed  
(City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
(Raw Water Samples)**



PWQO (0.03 mg/L)

Main River bolded & underlined on Sampling Location axis.

**Mississippi Watershed  
(City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
(Raw Water Samples)**



Sampling Locations

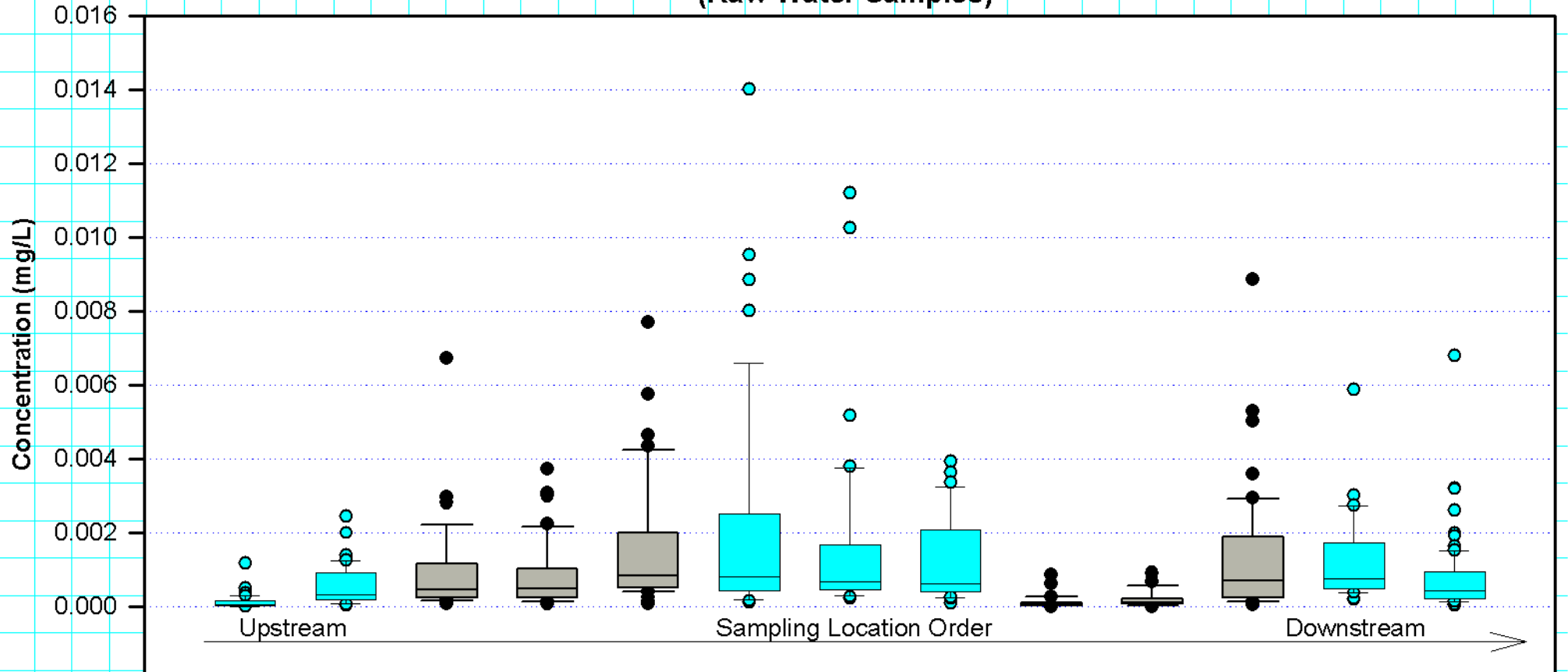
*Mazinaw Lake/18-3430-230-02*    *Dalhousie Lake/18-3430-175-02*    *Clyde River - Kerr Lake/18-3430-530-02*    *Clyde River - Lahark/18-3430-520-02*    *Fall River - Bennett Lake/18-3430-610-02*    **Appleton/18-3430-061-02**    **Almonte/18-3430-061-02**    **Pakenham/18-3430-040-02**    *Cody Creek/CK3-04*    *Cody Creek/CK3-03*    *Cody Creek/CK3-01*    **Galetta/18-3430-030-02**    **Galetta/R9-01**

Total Suspended Solids  
 Total Suspended Solids (Main River)

**CWQG (Chap. 4 = 10.0 mg/L)**

**Main River** bolded & underlined on **Sampling Location** axis.

**Mississippi Watershed  
(City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
(Raw Water Samples)**



*Mazinaw Lake/18-3430-230-02*  
*Dalhousie Lake/18-3430-175-02*  
 Clyde River - Kerr Lake/18-3430-530-02  
 Clyde River - Lanark/18-3430-520-02  
 Fall River - Bennett Lake/18-3430-610-02  
**Appleton/18-3430-061-02**  
**Almonte/18-3430-061-02**  
*Pakenham/18-3430-040-02*  
 Cody Creek/CK3-04  
 Cody Creek/CK3-03  
 Cody Creek/CK3-01  
**Galetta/18-3430-030-02**  
*Galetta/R9-01*

Sampling Locations

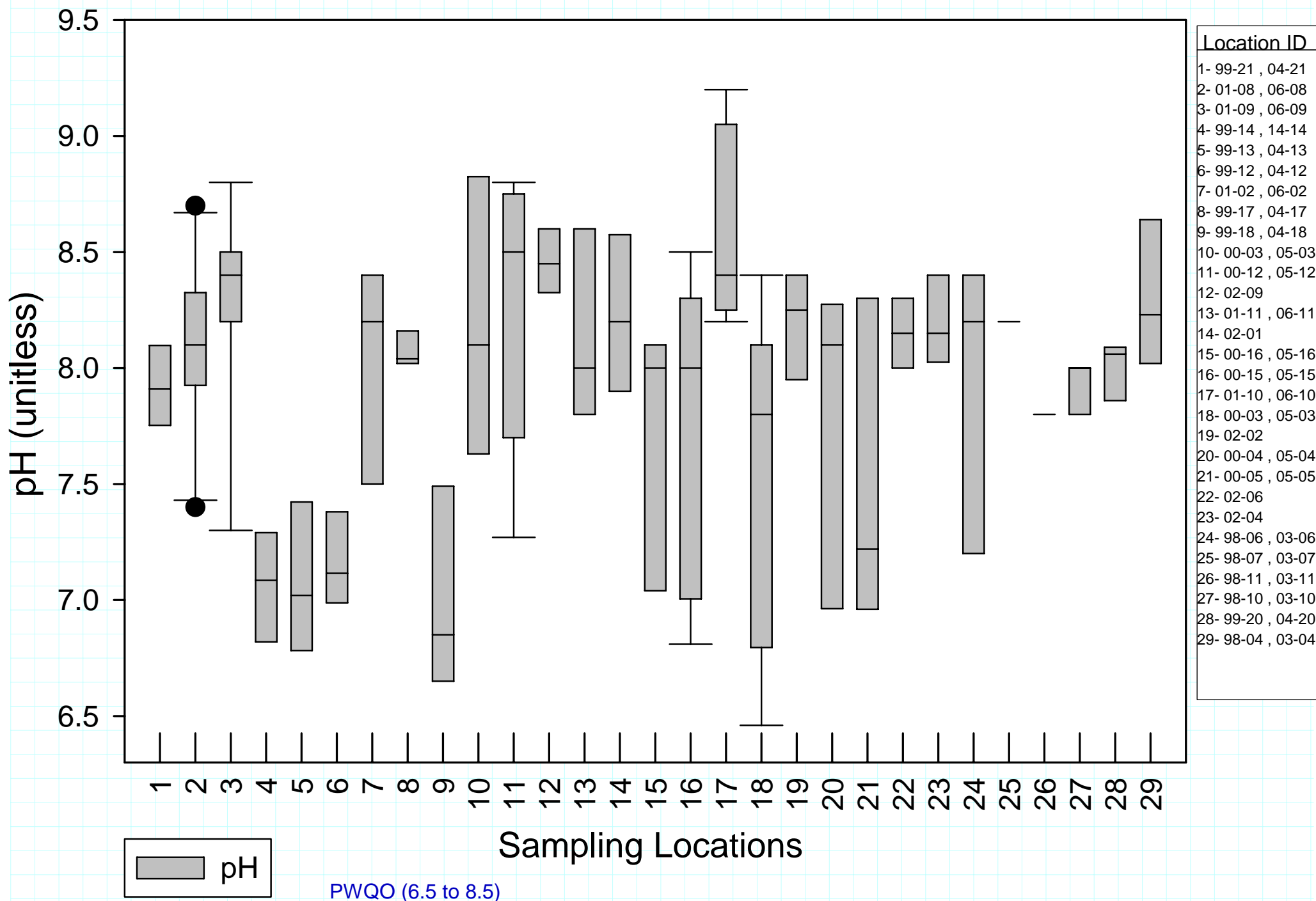
Un-ionized Ammonia  
 Un-ionized Ammonia (Main River)

PWQO (0.02 mg/L)

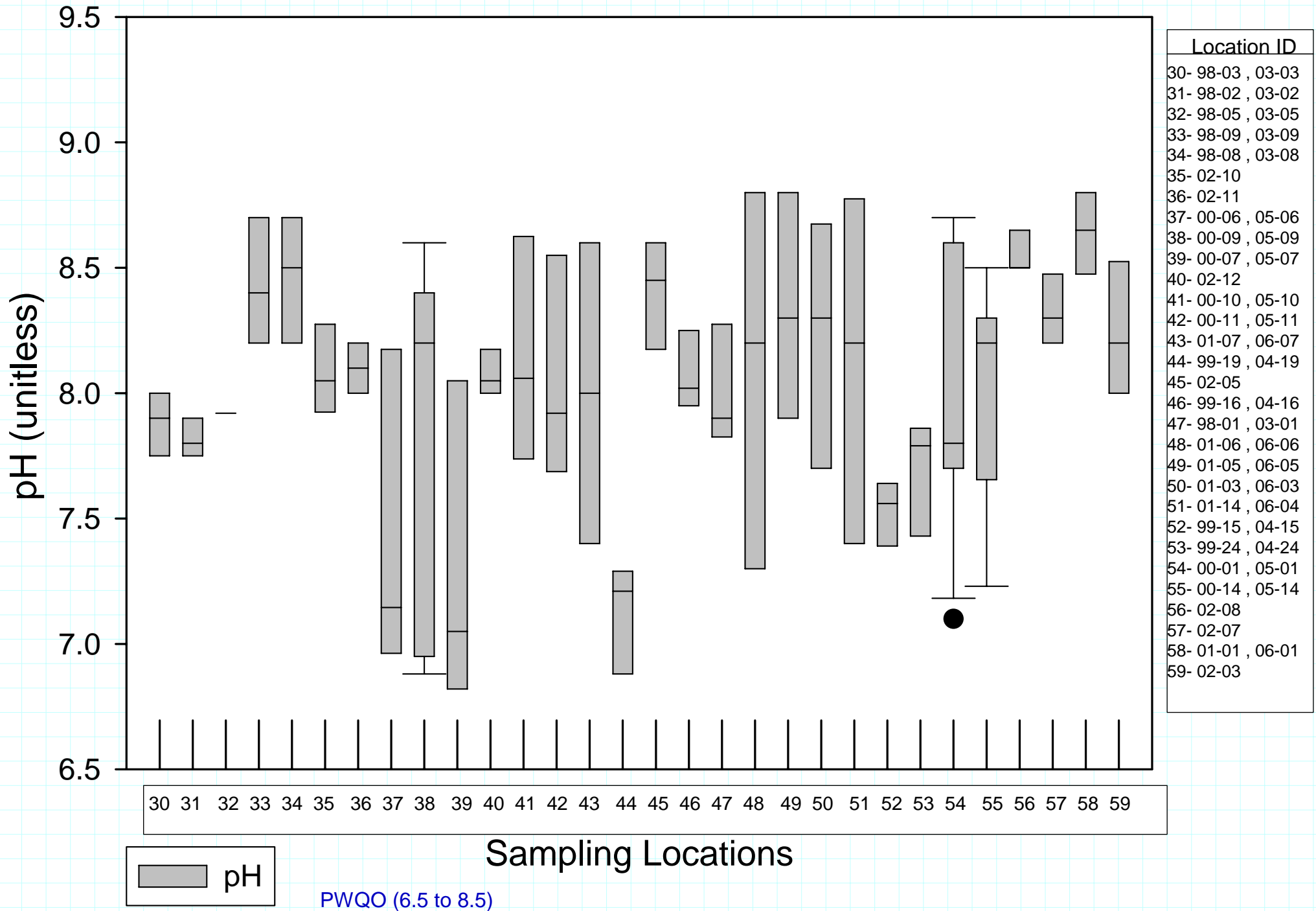
Main River bolded & underlined on Sampling Location axis.



# Watershed Watch (MVC) 2001-05 (Page 1 of 2)

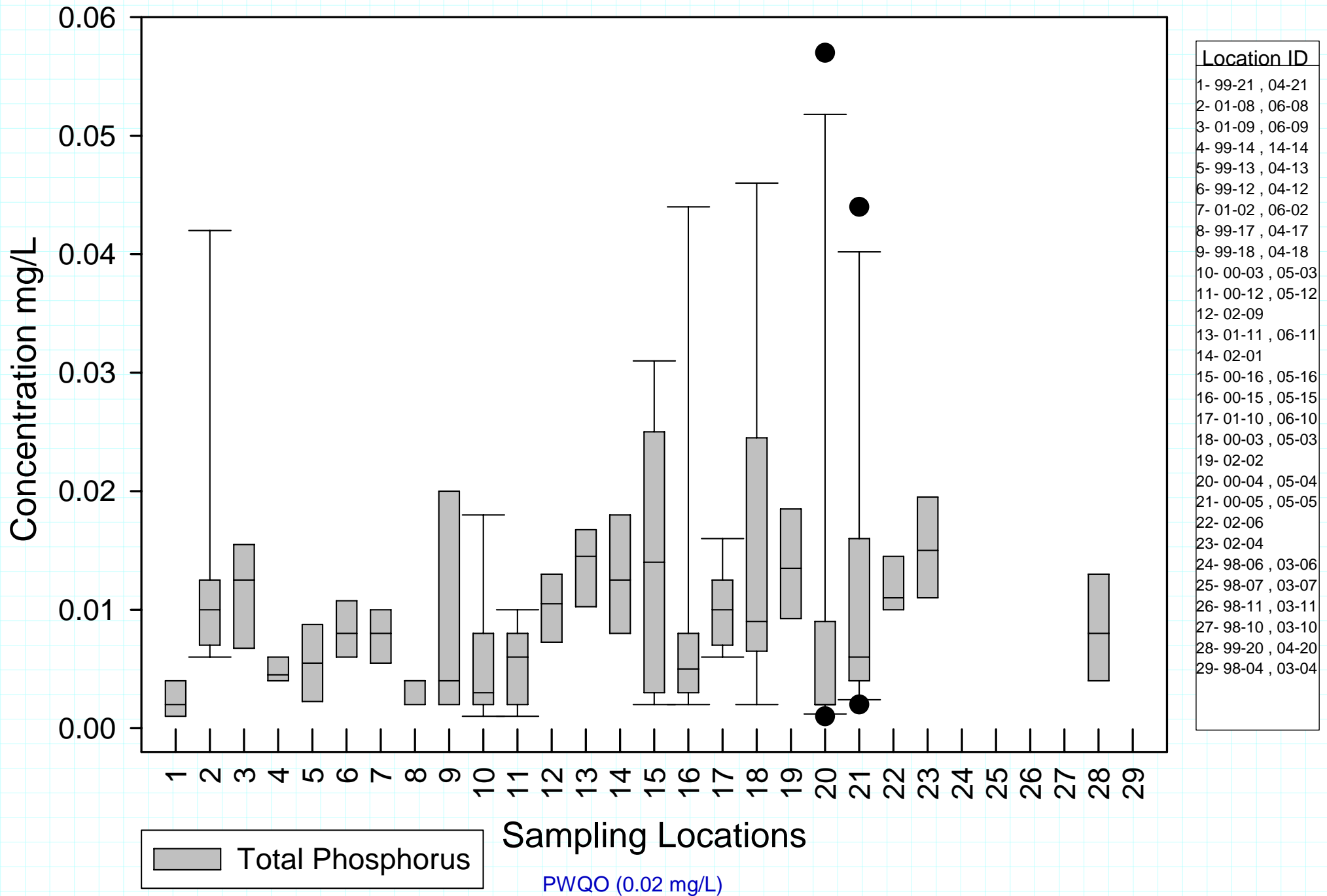


# Watershed Watch (MVC) 2001-05 (Page 2 of 2)

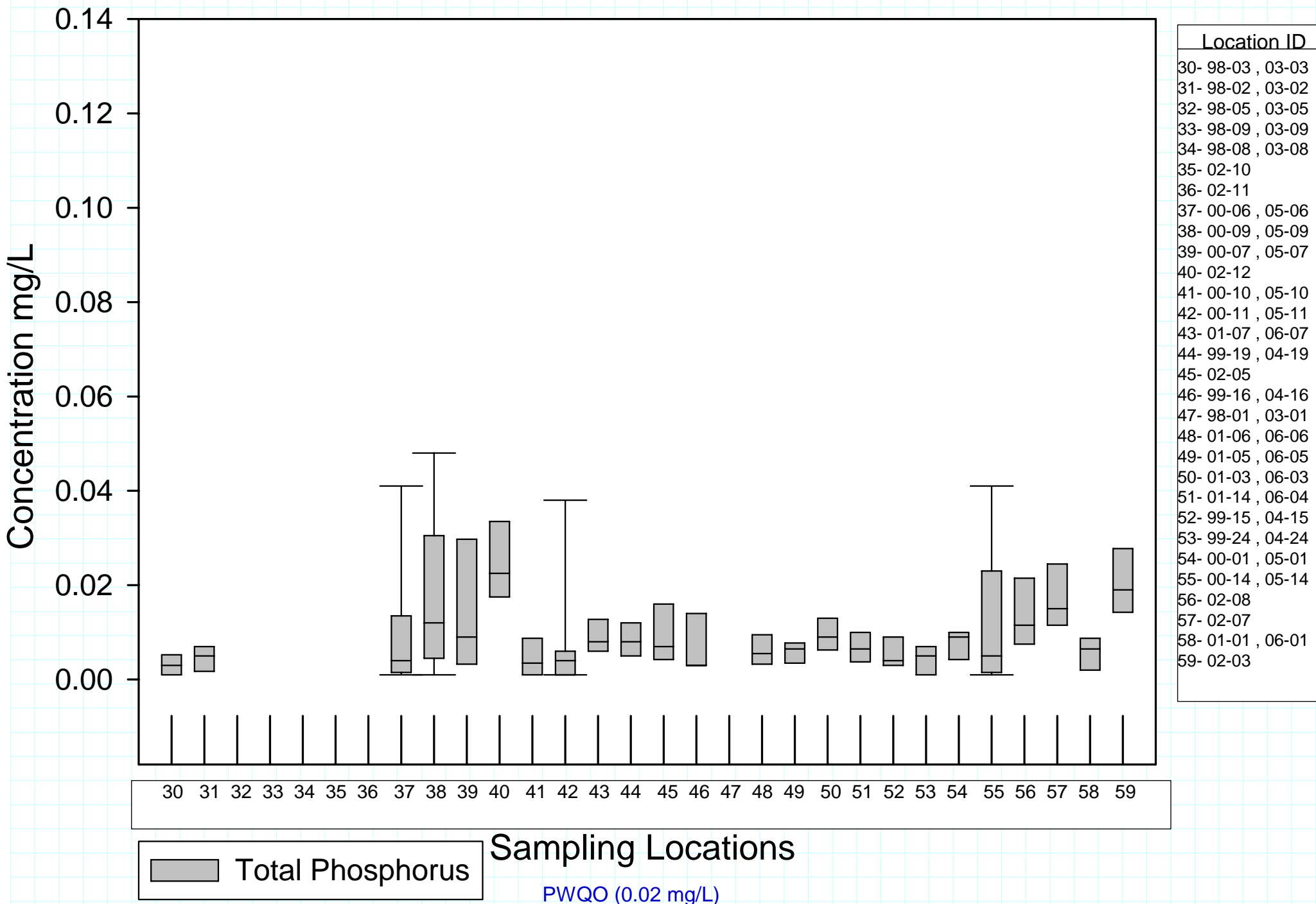




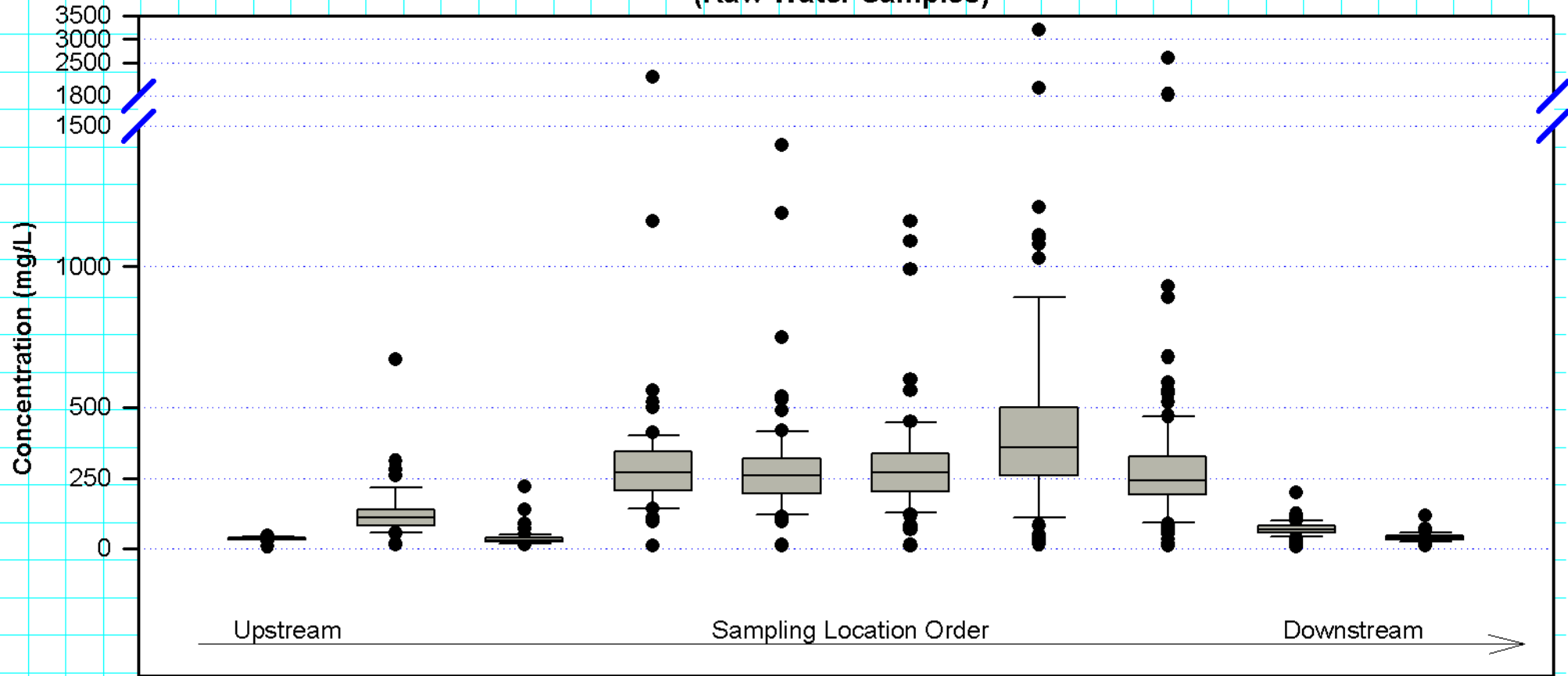
# Watershed Watch (MVC) 2001-05 (Page 1 of 2)



# Watershed Watch (MVC) 2001-05 (Page 2 of 2)



**Ottawa River East Subwatershed (RVCA)  
 (City of Ottawa Baseline Water Quality Program) - 2000-06  
 (Raw Water Samples)**

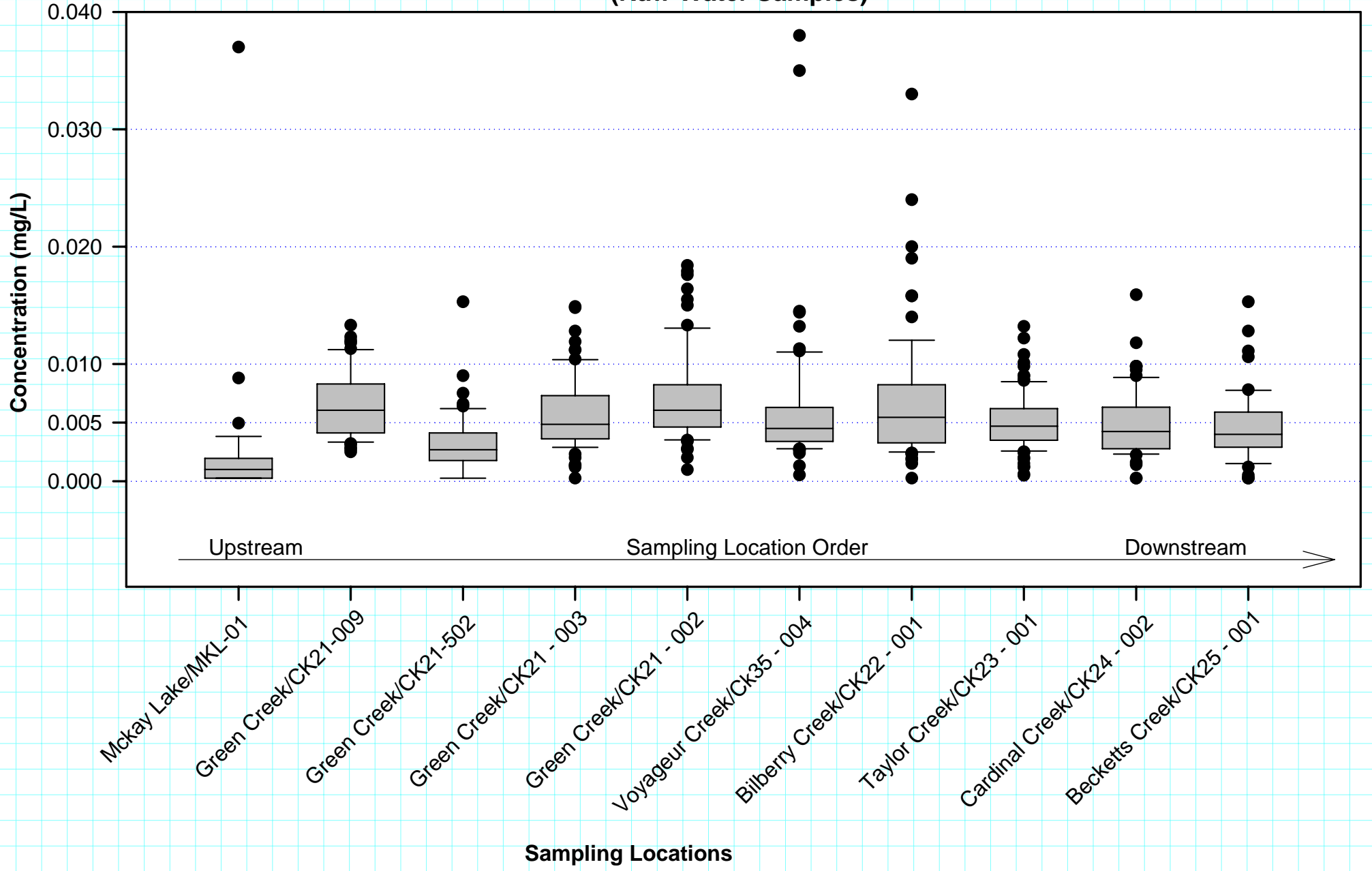


Sampling Locations

Chloride

ODWSOG (AO = 250 mg/L)

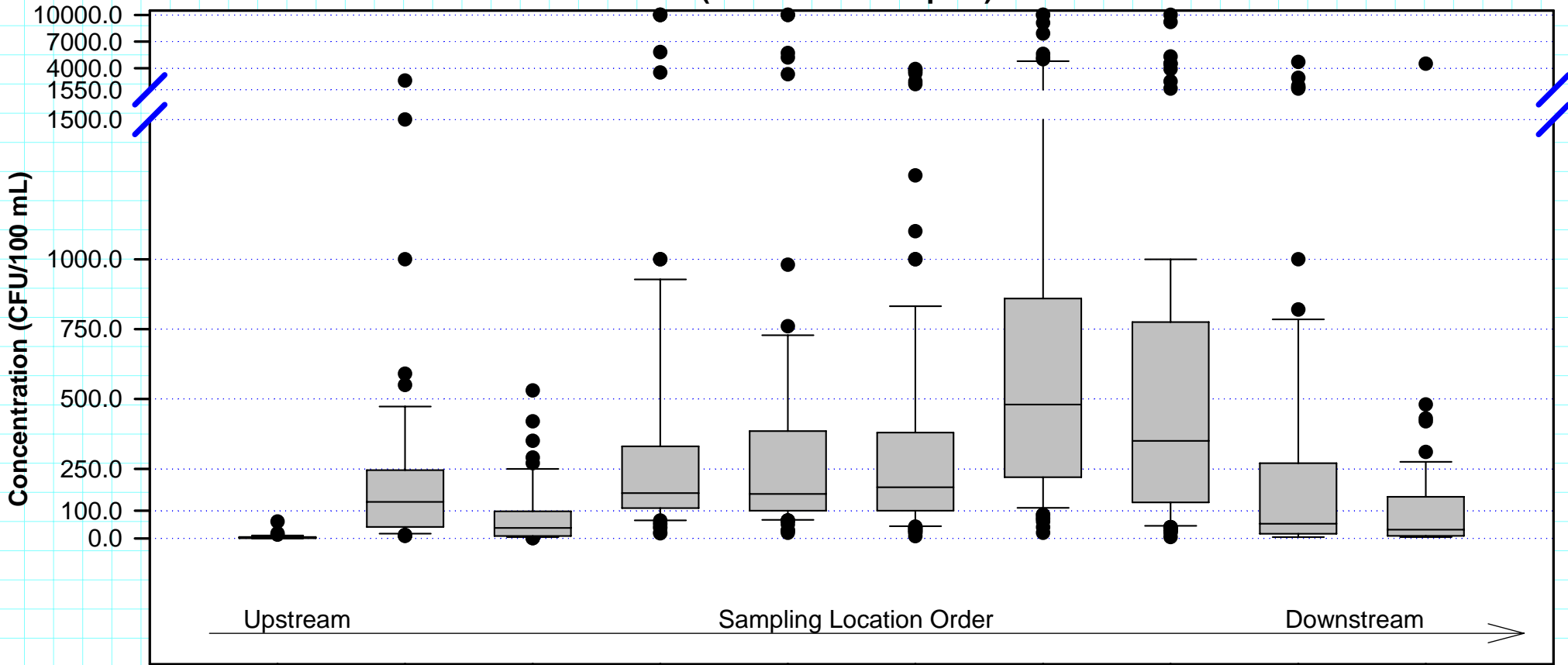
Ottawa River East Subwatershed (RVCA)  
(City of Ottawa Baseline Water Quality Program) - 2000-06  
(Raw Water Samples)



Copper

PWQO (0.005 mg/L)

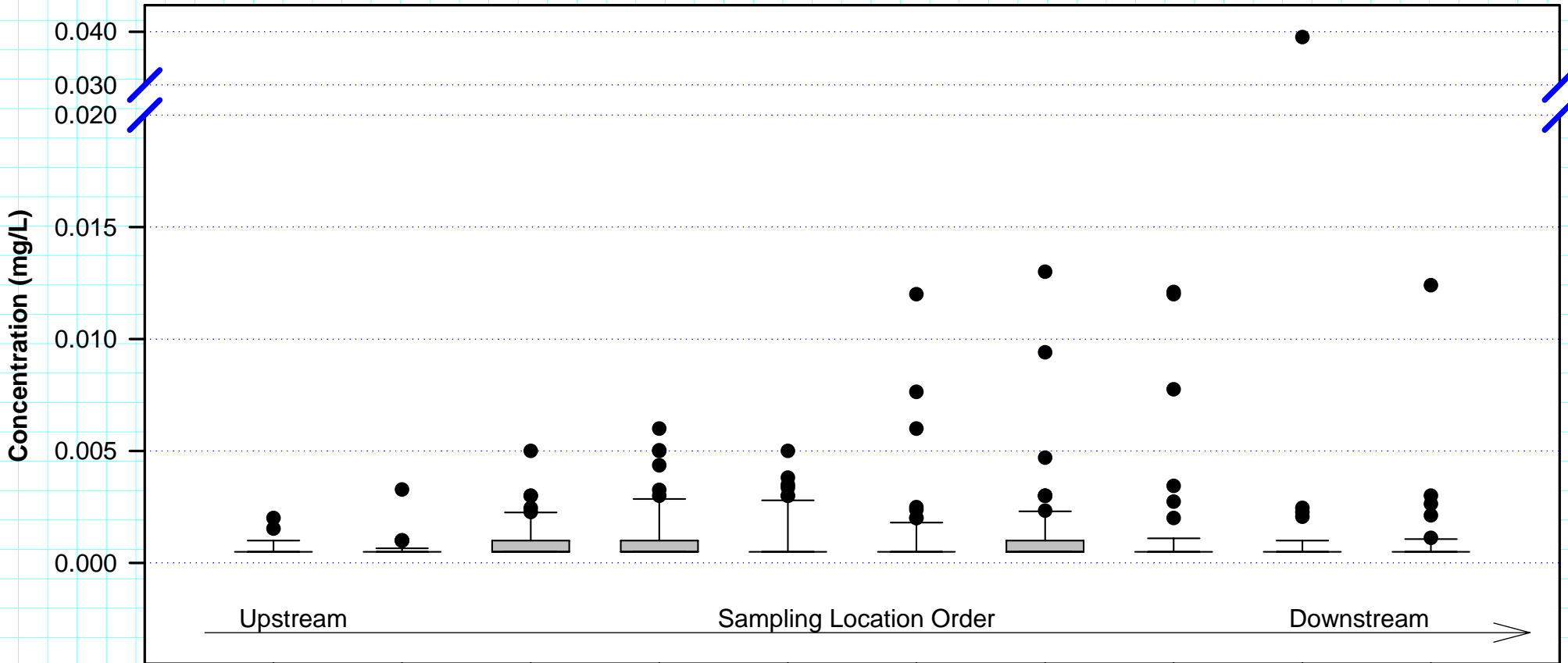
# Ottawa River East Subwatershed (RVCA) (City of Ottawa Baseline Water Quality Program) - 2000-06 (Raw Water Samples)



E.coli

**PWQO (100 CFU/ 100 mL)**

**Ottawa River East Subwatershed (RVCA)  
 (City of Ottawa Baseline Water Quality Program) - 2000-06  
 (Raw Water Samples)**

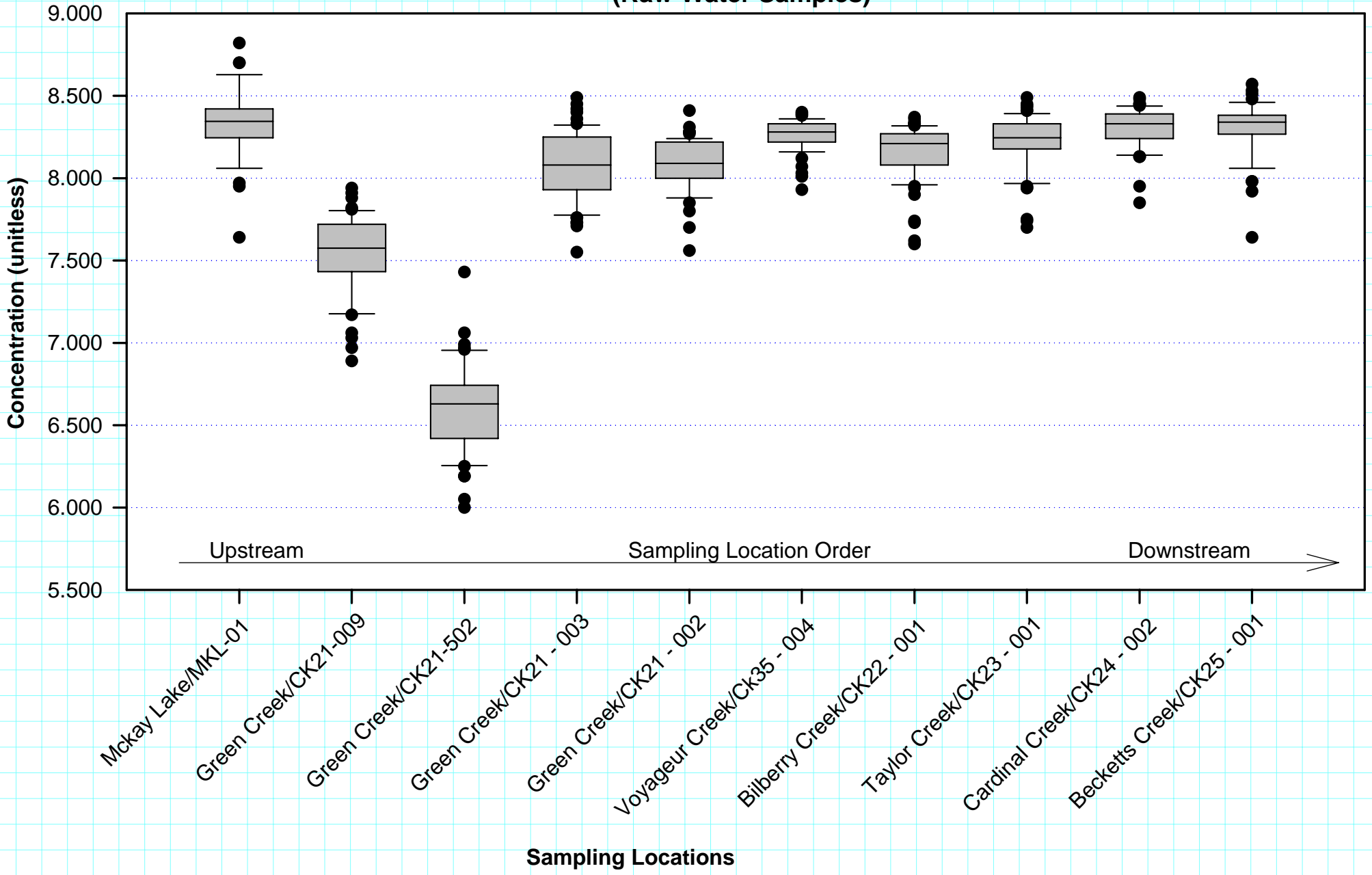


Lead

Sampling Locations

The PWQO for lead varies from 0.005 mg/L to 0.025 mg/L depending upon alkalinity concentrations

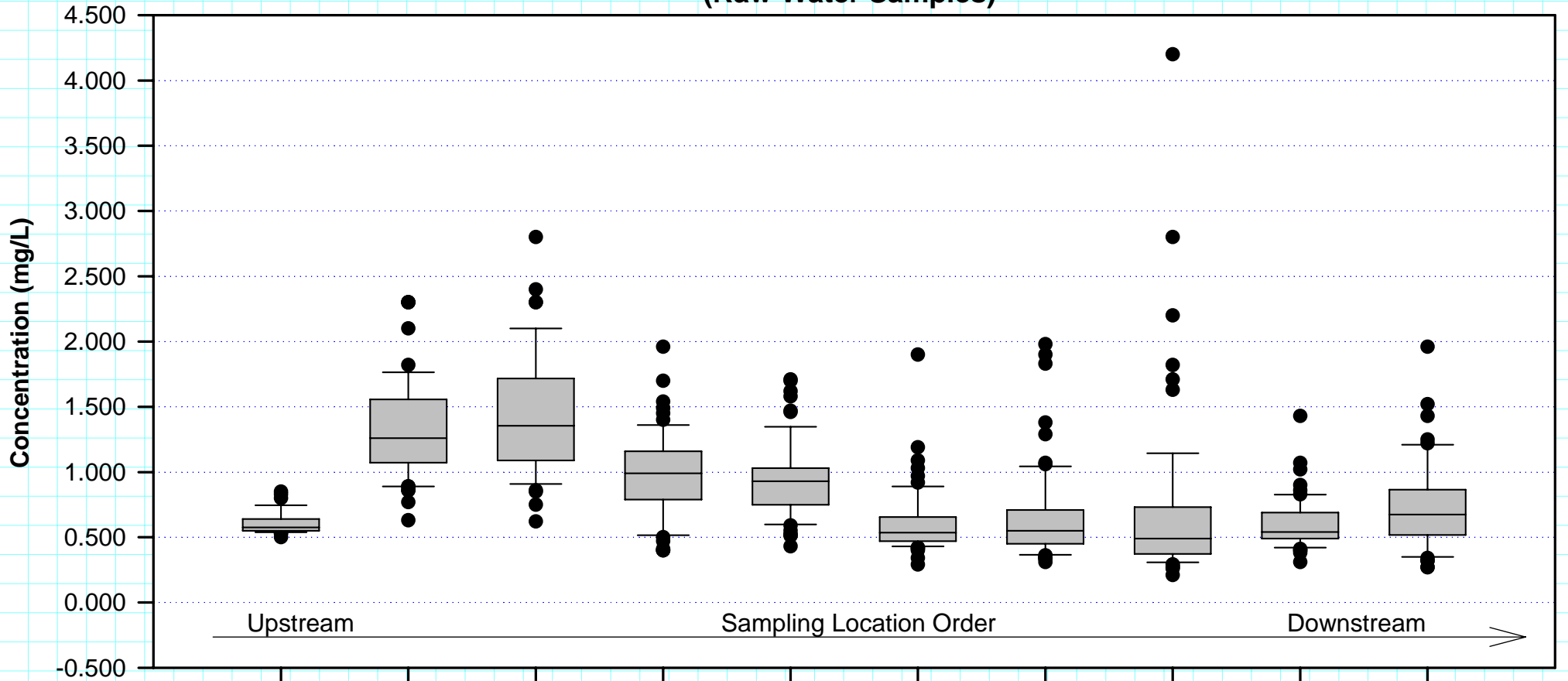
**Ottawa River East Subwatershed (RVCA)  
 (City of Ottawa Baseline Water Quality Program) - 2000-06  
 (Raw Water Samples)**



**PH**

**PWQO (6.5 to 8.5)**

**Ottawa River East Subwatershed (RVCA)  
 (City of Ottawa Baseline Water Quality Program) - 2000-06  
 (Raw Water Samples)**



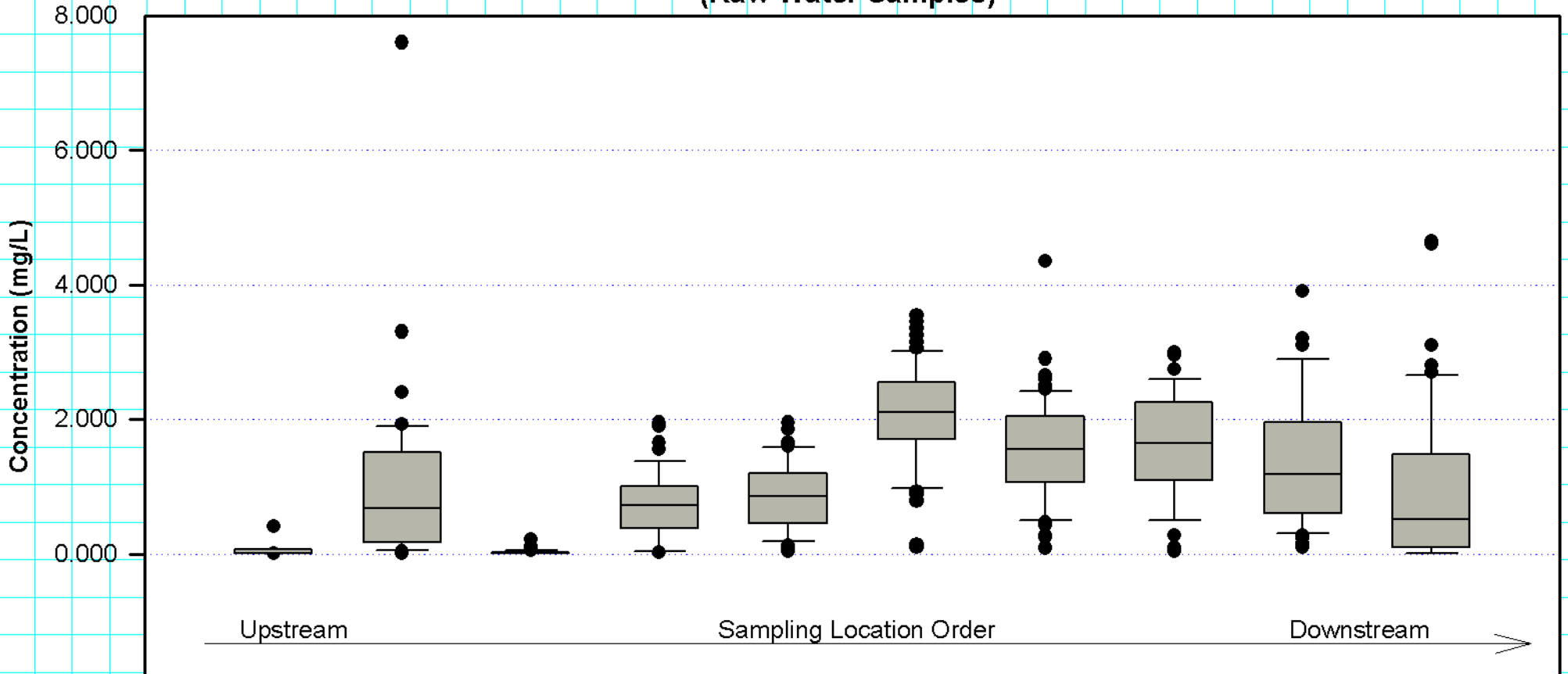
 Total Kjeldahl Nitrogen (TKN)

EC (0.5 mg/L)

Sampling Locations



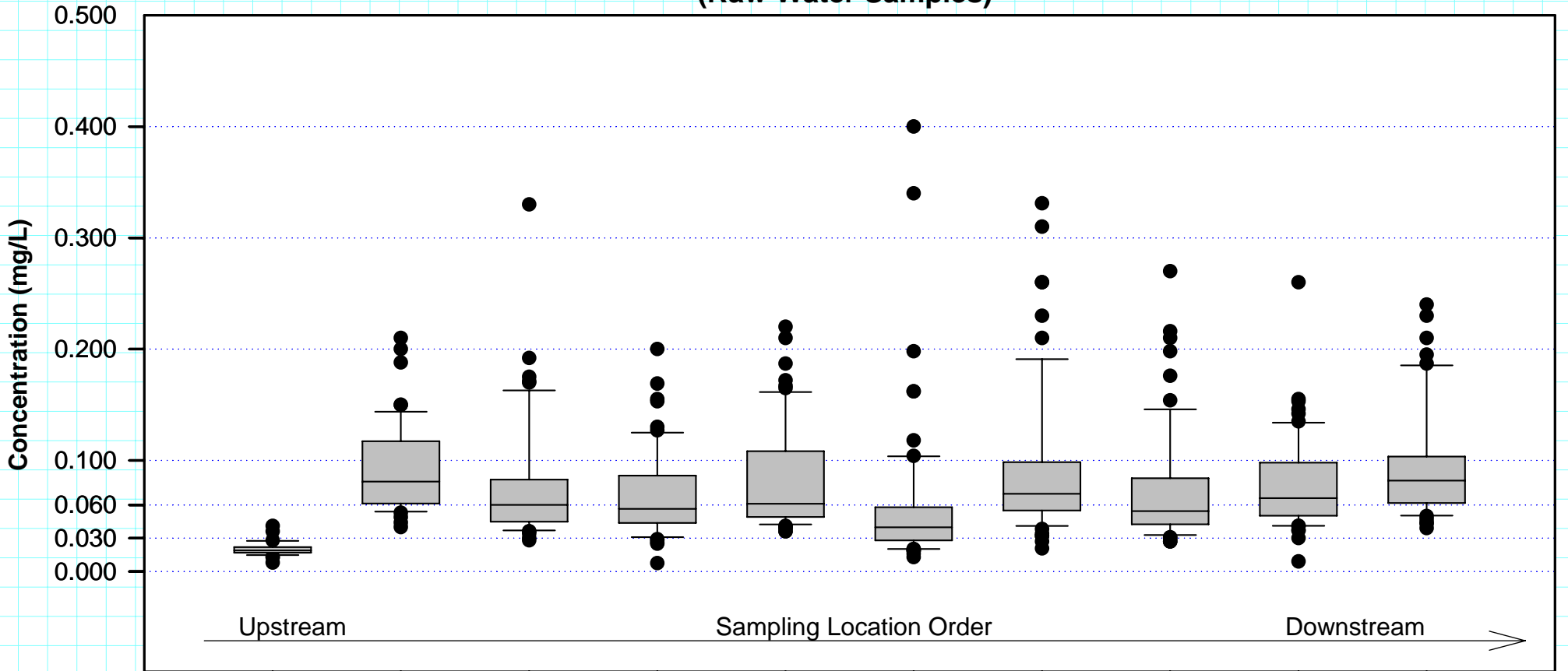
Ottawa River East Subwatershed (RVCA)  
(City of Ottawa Baseline Water Quality Program) - 2000-06  
(Raw Water Samples)



Total Nitrate & Nitrite

ODWQS (MAC = 10.0 mg/L)

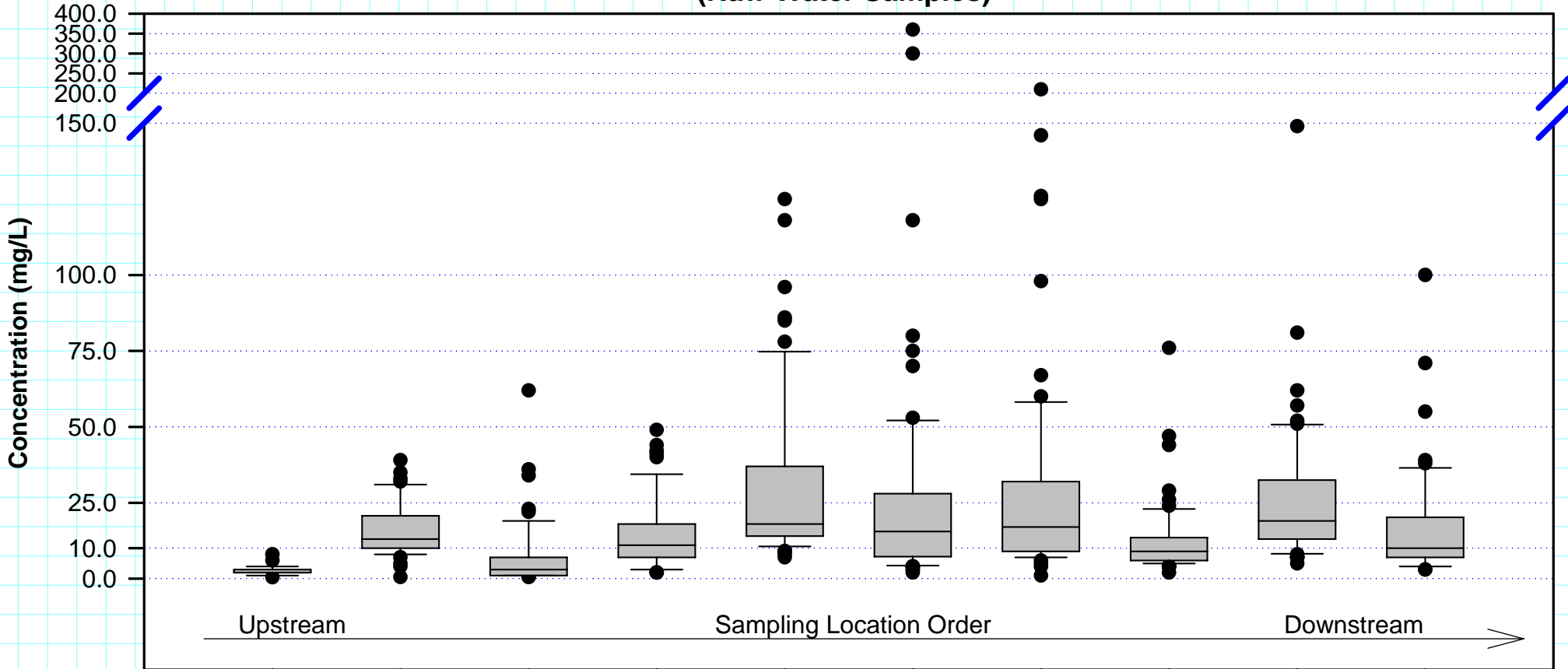
Ottawa River East Subwatershed (RVCA)  
(City of Ottawa Baseline Water Quality Program) - 2000-06  
(Raw Water Samples)



■ Total Phosphorus

PWQO (0.03 mg/L)

**Ottawa River East Subwatershed (RVCA)  
 (City of Ottawa Baseline Water Quality Program) - 2000-06  
 (Raw Water Samples)**

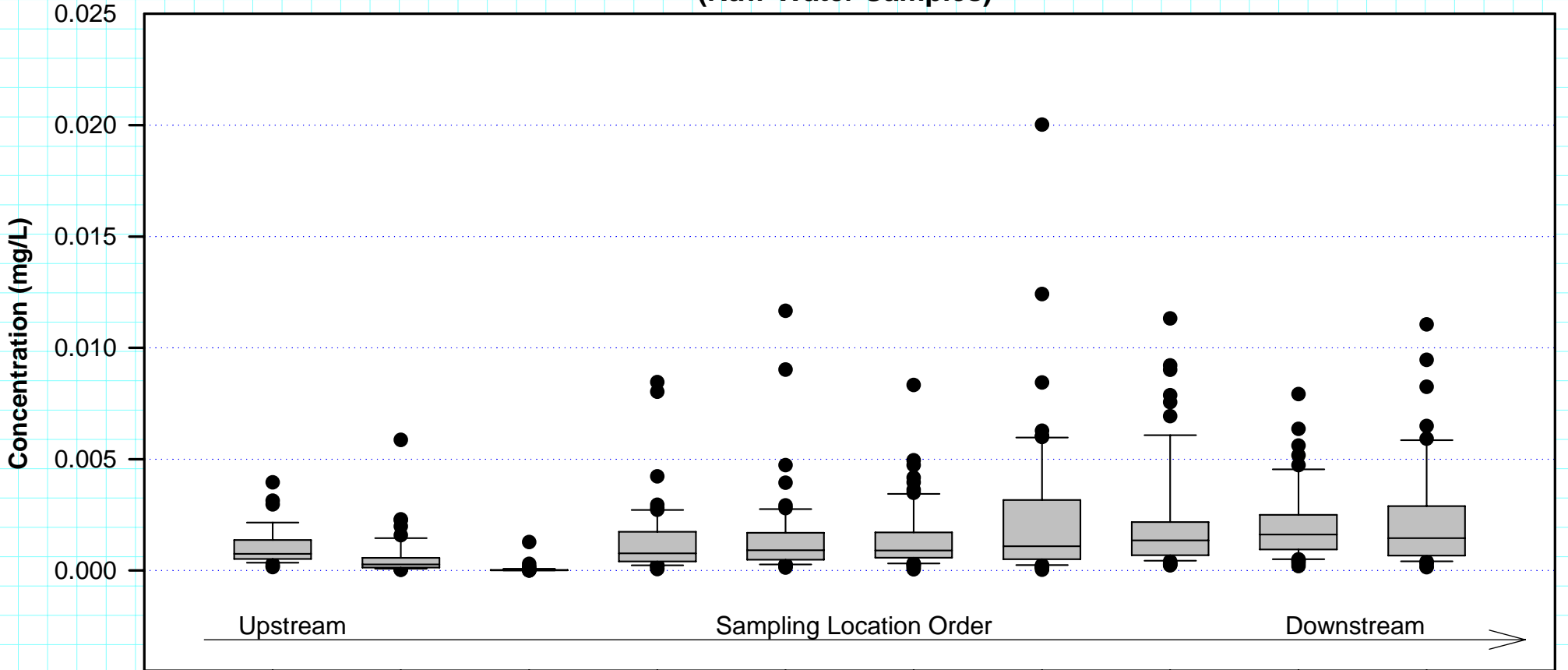


 **Total Suspended Solids (TSS)**

**Sampling Locations**

**CWQG (chap.4 = 10.0 mg/L)**

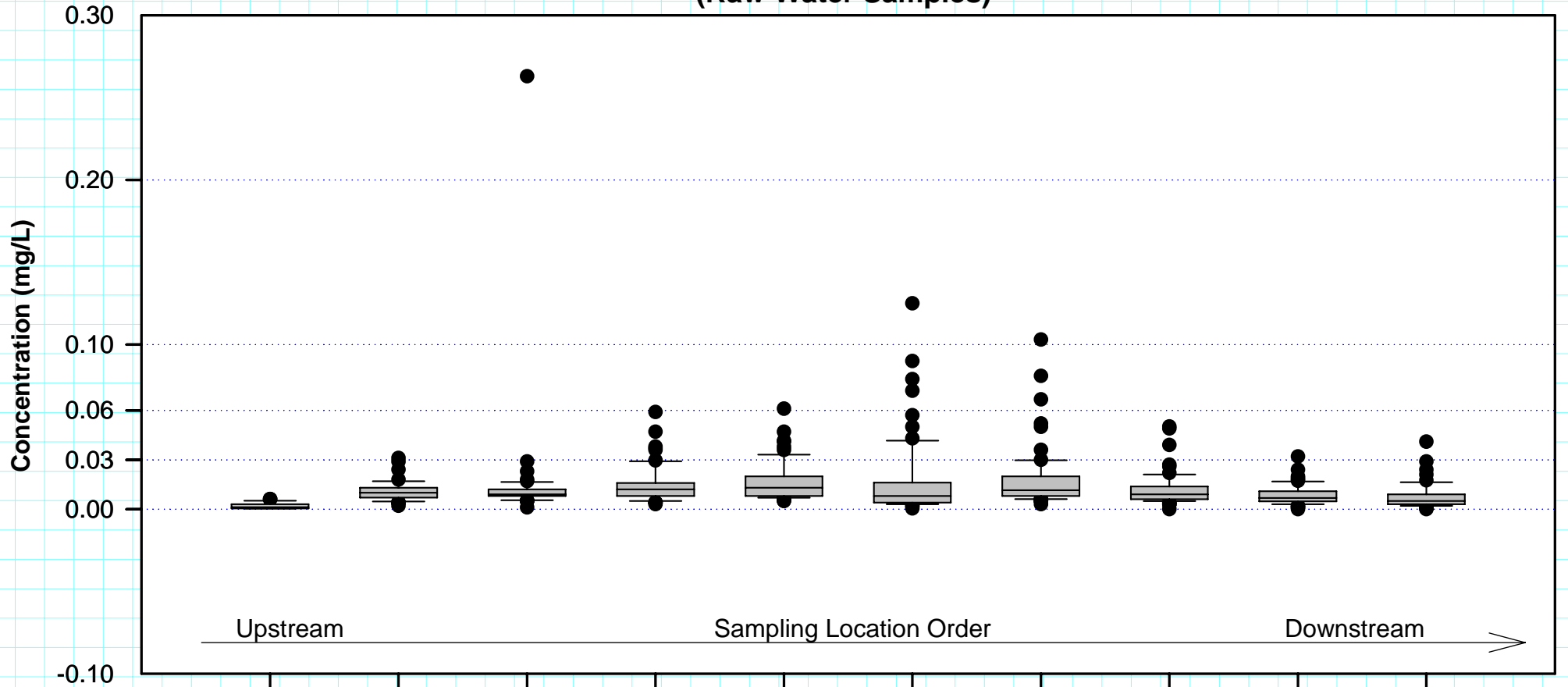
Ottawa River East Subwatershed (RVCA)  
(City of Ottawa Baseline Water Quality Program) - 2000-06  
(Raw Water Samples)



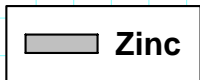
Un-ionized Ammonia

PWQO (0.02 mg/L)

Ottawa River East Subwatershed (RVCA)  
(City of Ottawa Baseline Water Quality Program) - 2000-06  
(Raw Water Samples)

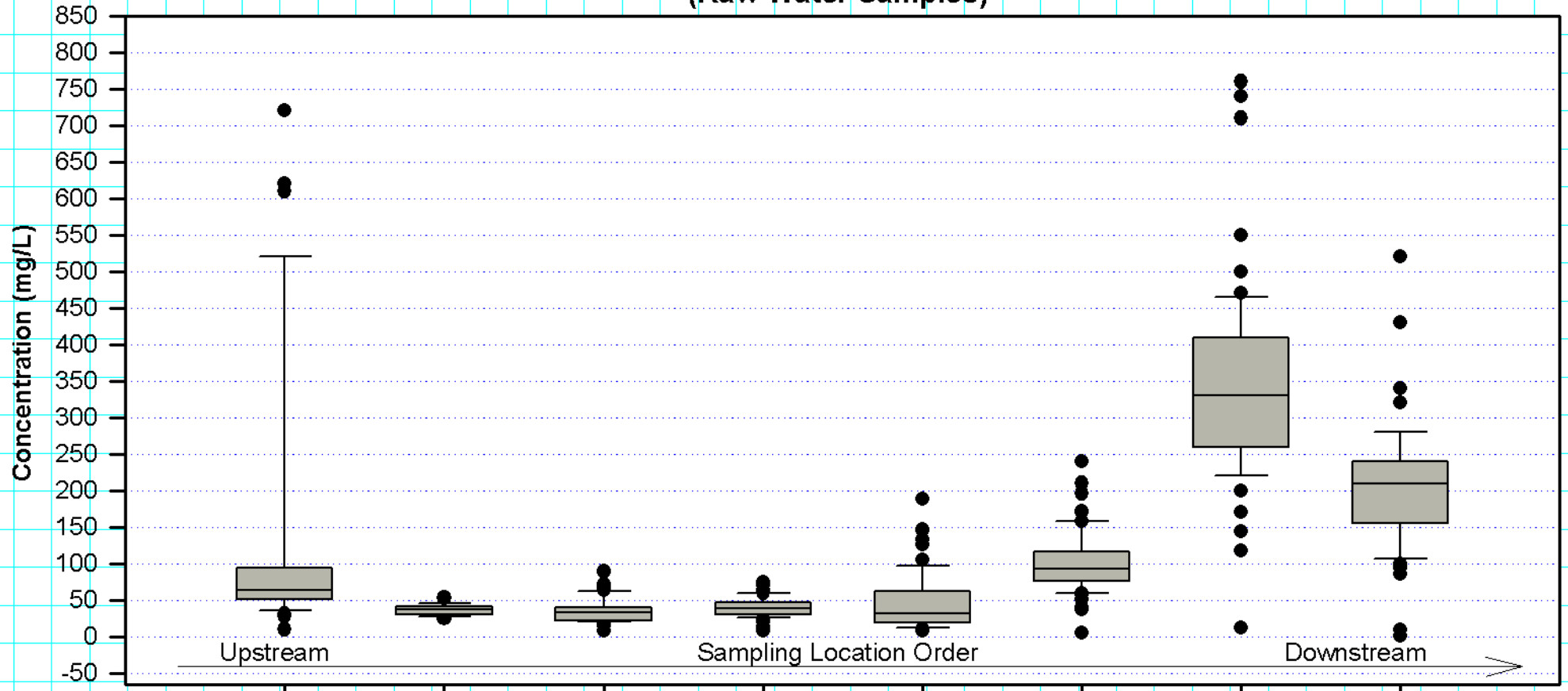


Sampling Locations



PWQO (0.03 mg/L)

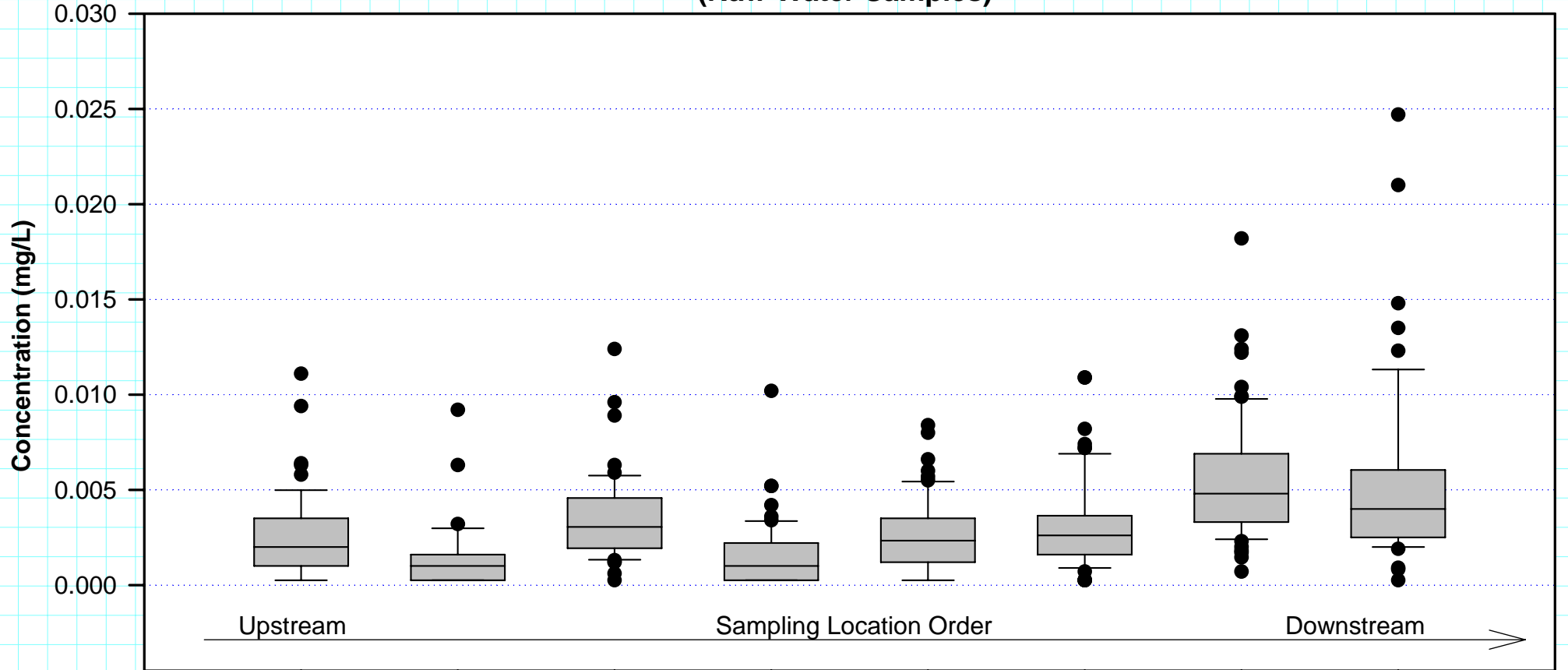
**Ottawa River Subwatershed (MVC)  
 (City of Ottawa Baseline Water Quality Program) - 2000-06  
 (Raw Water Samples)**



Chloride

ODWSOG (AO = 250 mg/L)

Ottawa River Subwatershed (MVC)  
(City of Ottawa Baseline Water Quality Program) - 2000-06  
(Raw Water Samples)

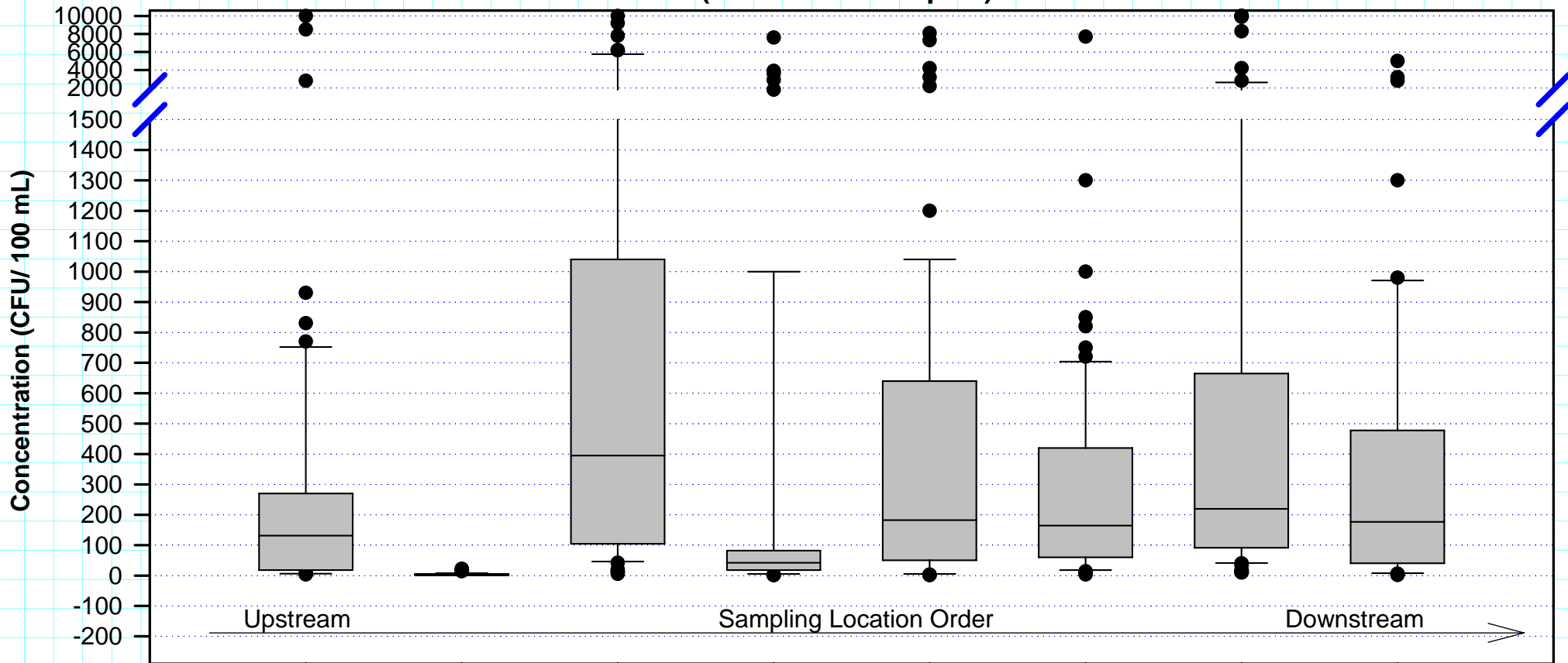


Sampling Locations




PWQO (0.005 mg/L)

**Ottawa River Subwatershed (MVC)  
 (City of Ottawa Baseline Water Quality Program) - 2000-06  
 (Raw Water Samples)**



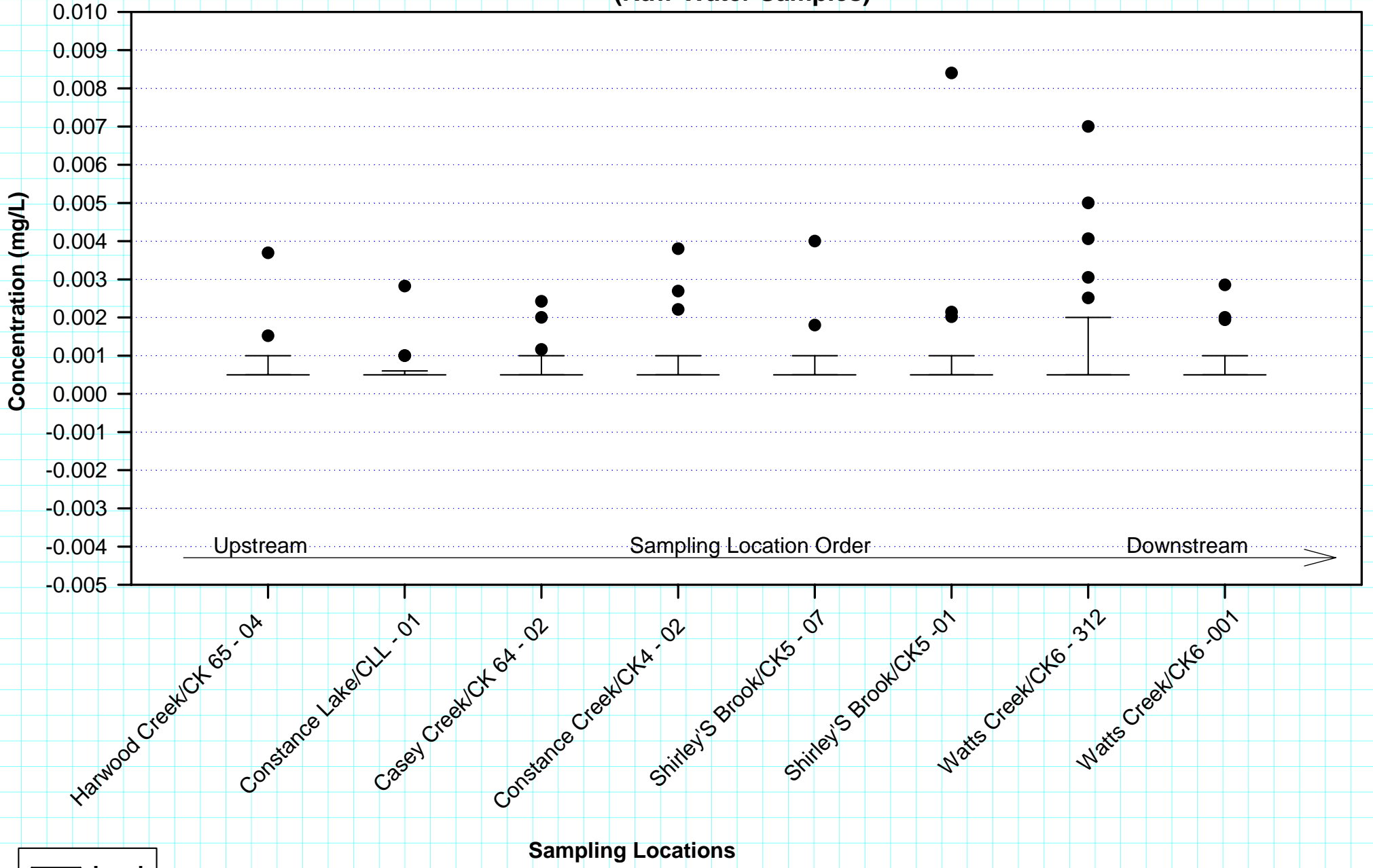
**Sampling Locations**

 **E.coli**

**PWQO (100 CFU/ 100 mL)**

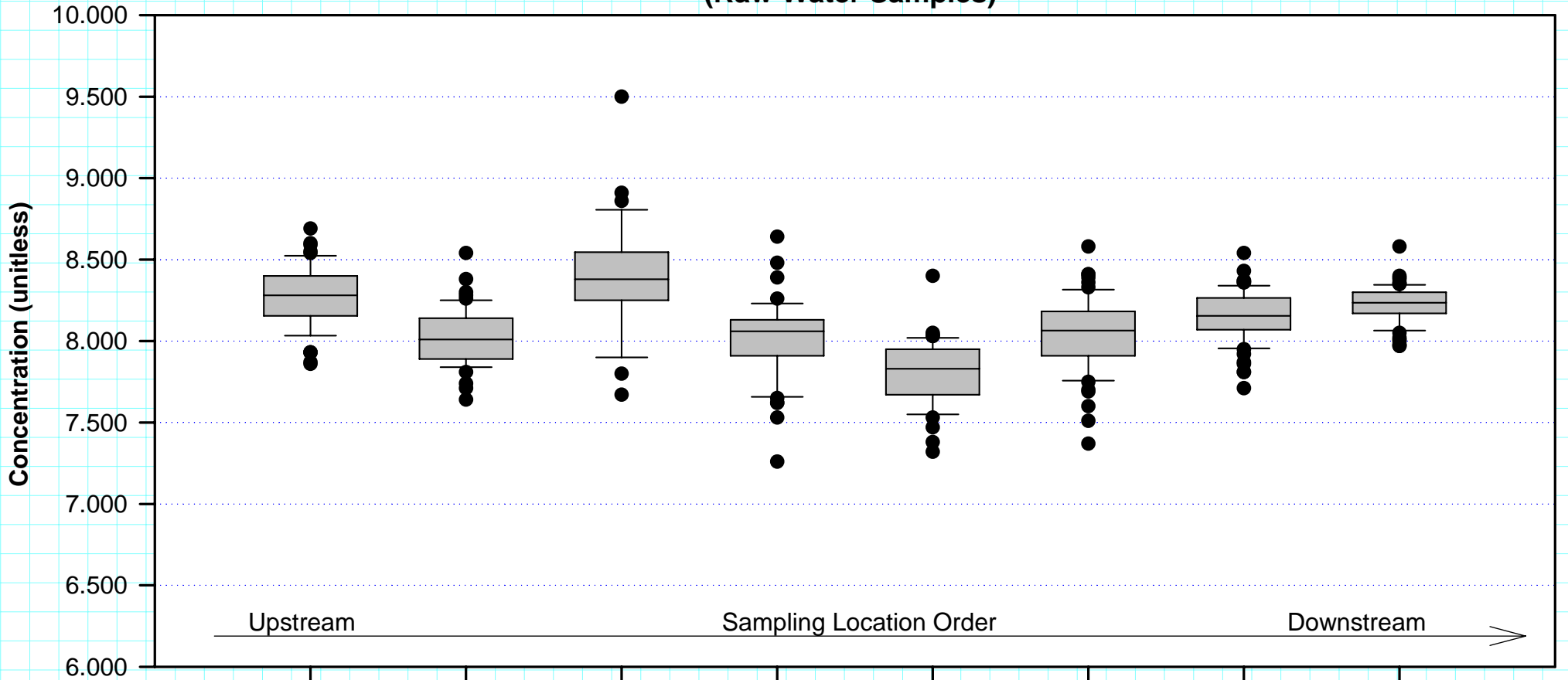


**Ottawa River Subwatershed (MVC)  
 (City of Ottawa Baseline Water Quality Program) - 2000-06  
 (Raw Water Samples)**




**The PWQO for lead varies from 0.005 mg/L to 0.025 mg/L depending upon alkalinity concentrations**

**Ottawa River Subwatershed (MVC)  
 (City of Ottawa Baseline Water Quality Program) - 2000-06  
 (Raw Water Samples)**

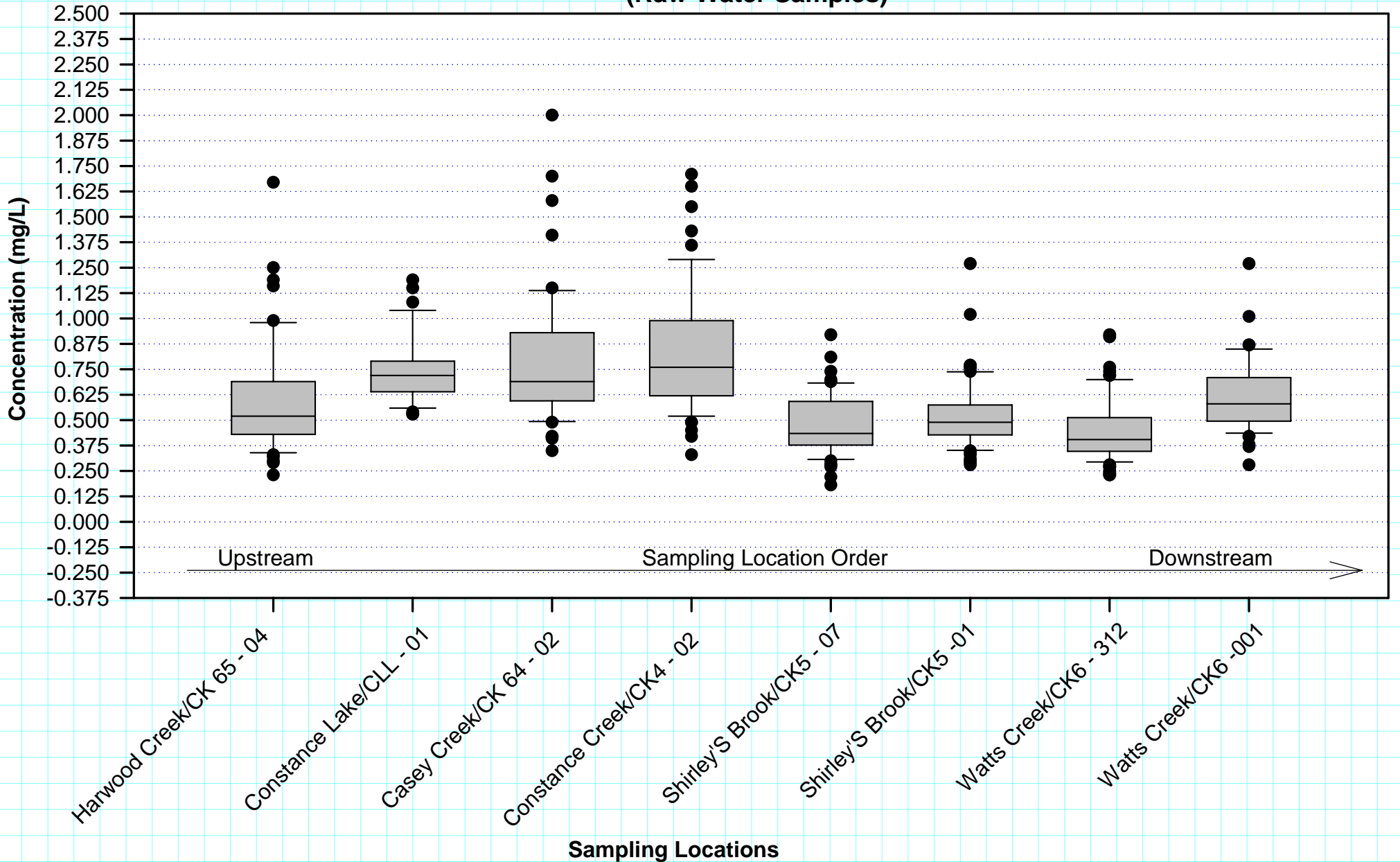


**Sampling Locations**

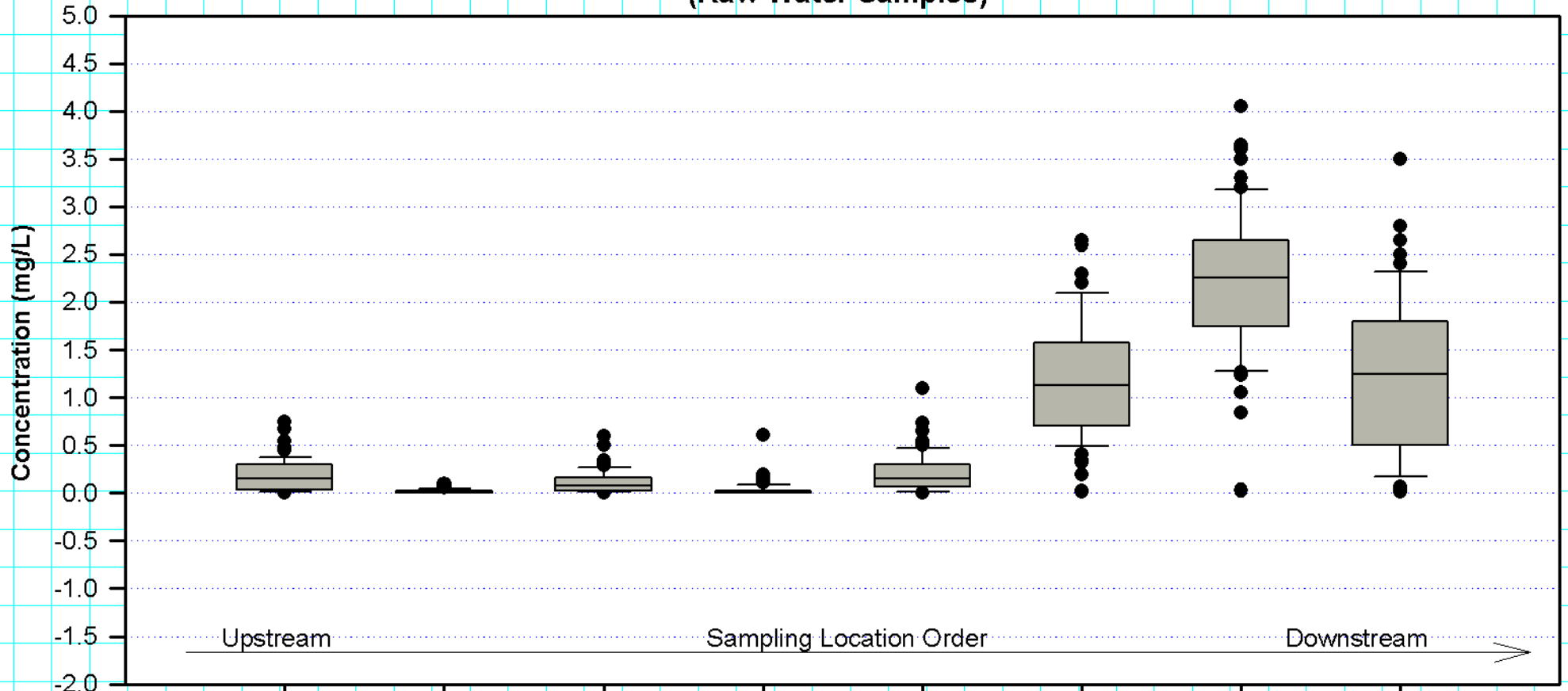
 pH

**PWQO (6.5 to 8.5)**

**Ottawa River Subwatershed (MVC)**  
**(City of Ottawa Baseline Water Quality Program) - 2000-06**  
**(Raw Water Samples)**



Ottawa River Subwatershed (MVC)  
(City of Ottawa Baseline Water Quality Program) - 2000-06  
(Raw Water Samples)

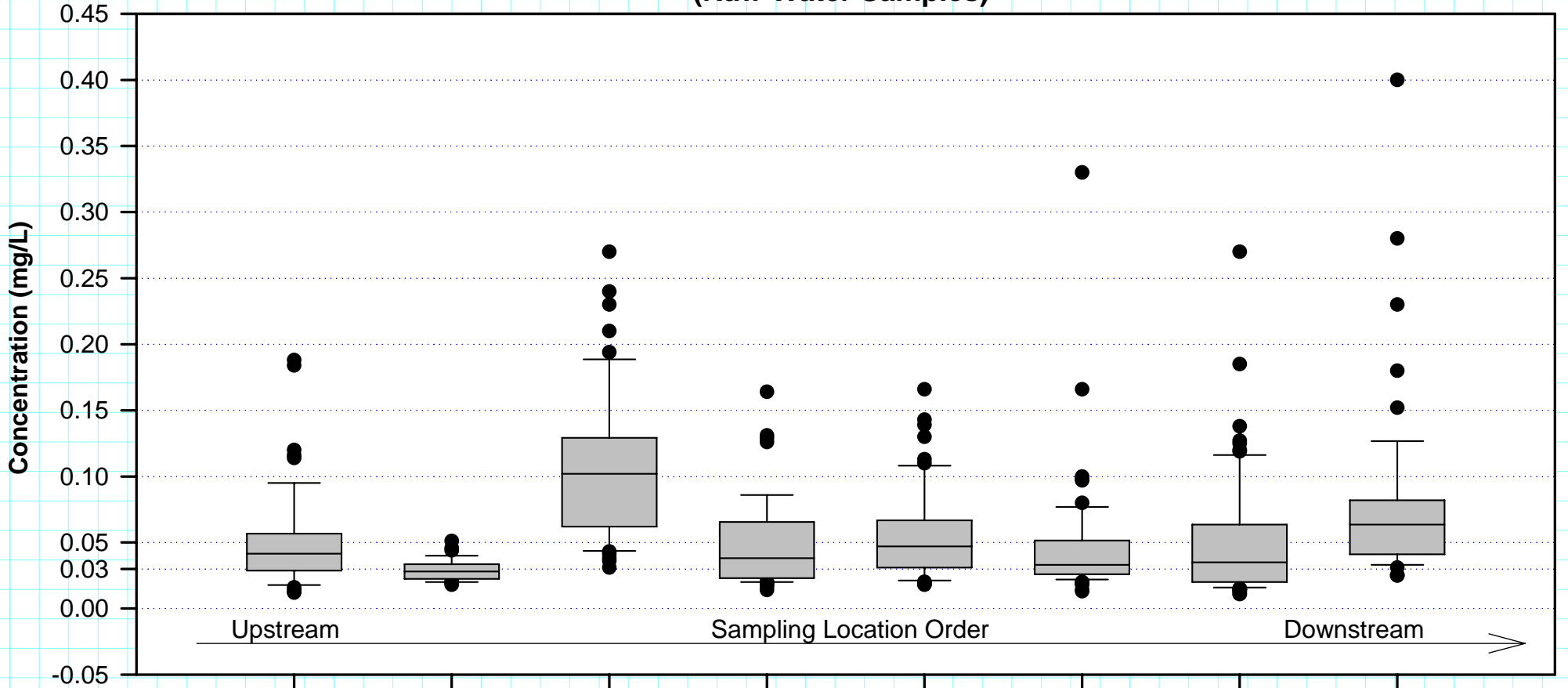


Total Nitrate & Nitrite

ODWQS (MAC = 10.0 mg/L)

Sampling Locations

**Ottawa River Subwatershed (MVC)  
 (City of Ottawa Baseline Water Quality Program) - 2000-06  
 (Raw Water Samples)**

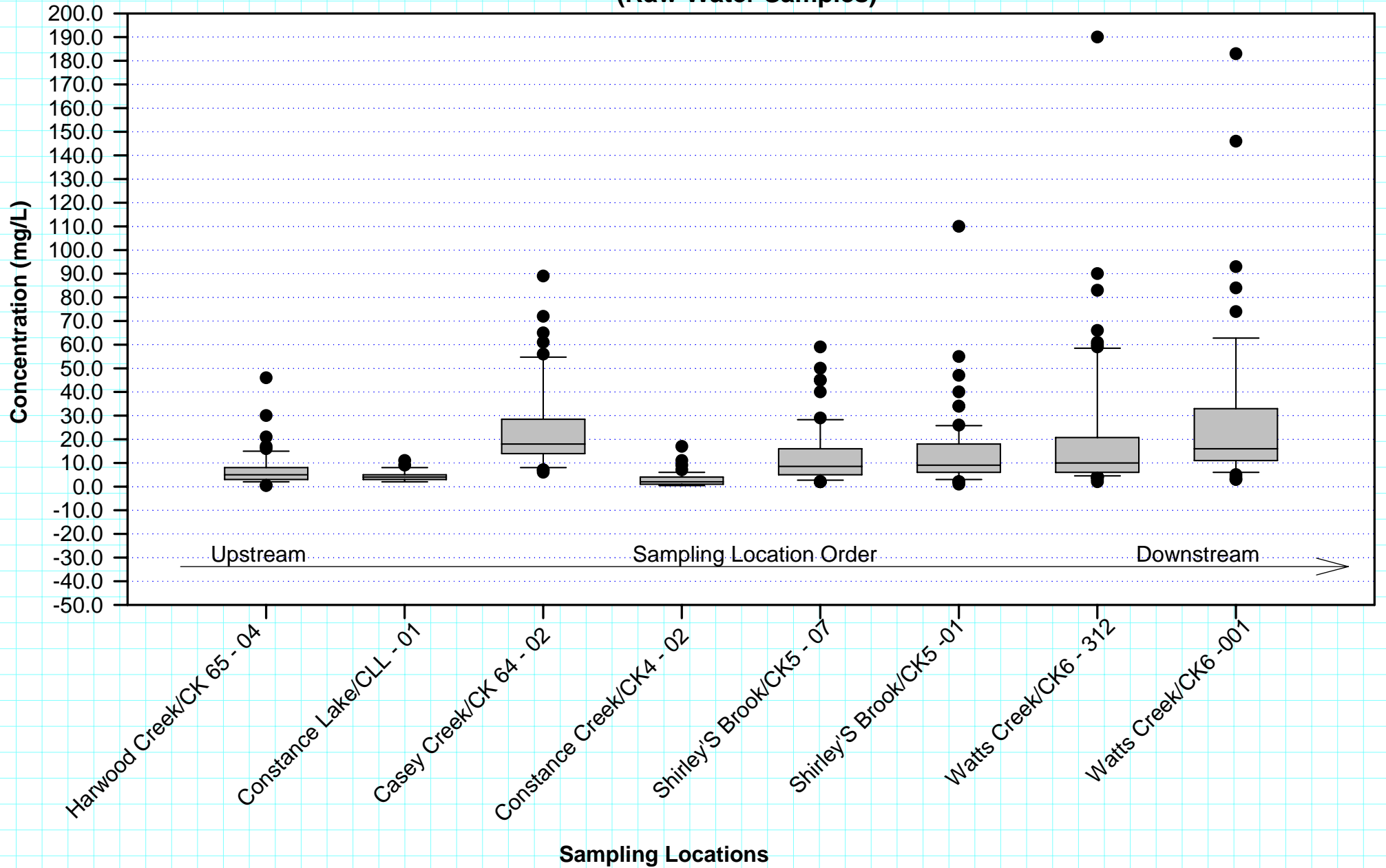


**Sampling Locations**

 **Total Phosphorus**

**PWQO (0.03 mg/L)**

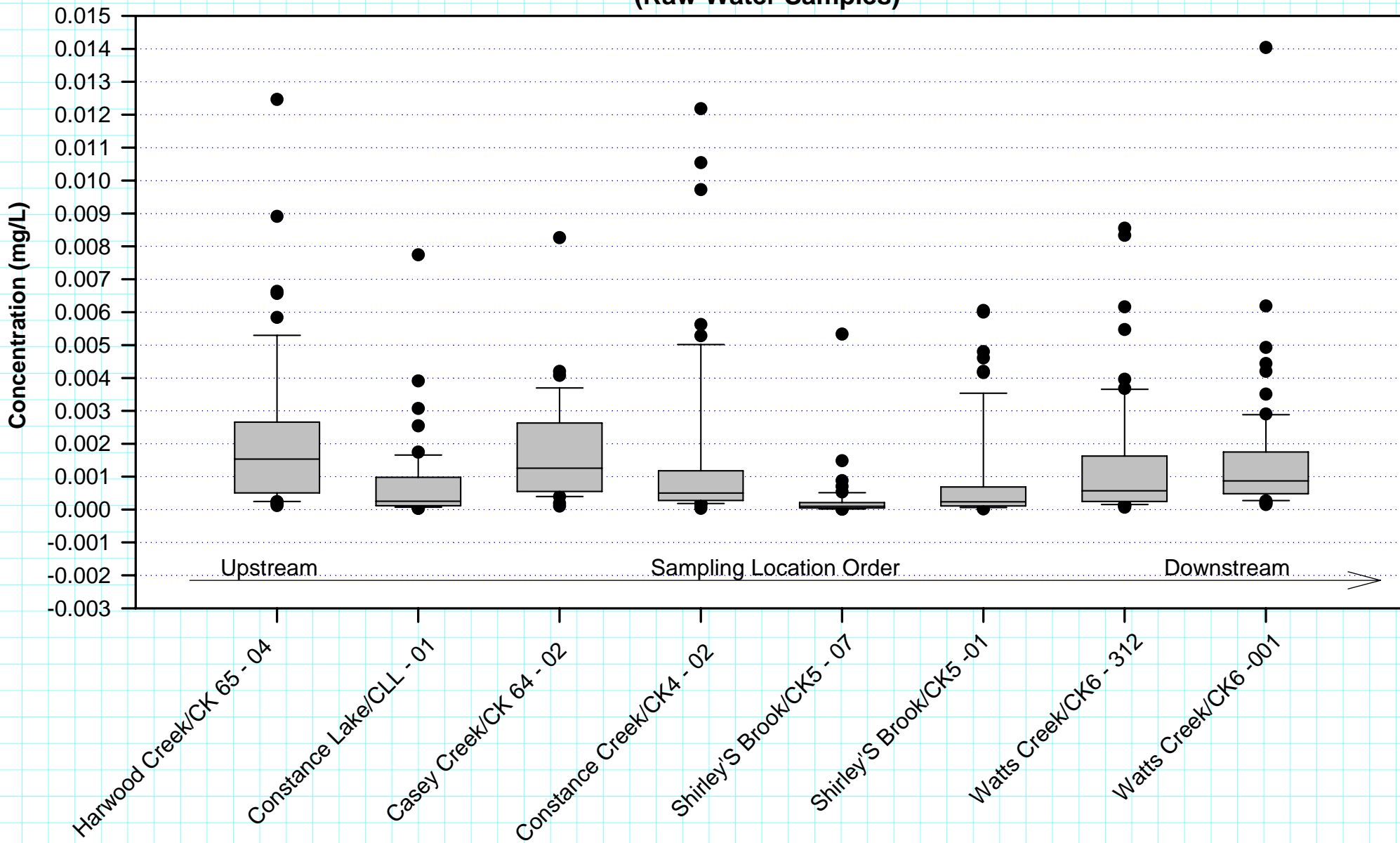
**Ottawa River Subwatershed (MVC)**  
**(City of Ottawa Baseline Water Quality Program) - 2000-06**  
**(Raw Water Samples)**



**Total Suspended Solids (TSS)**

**CWQG (chap.4 = 10.0 mg/L)**

**Ottawa River Subwatershed (MVC)**  
**(City of Ottawa Baseline Water Quality Program) - 2000-06**  
**(Raw Water Samples)**

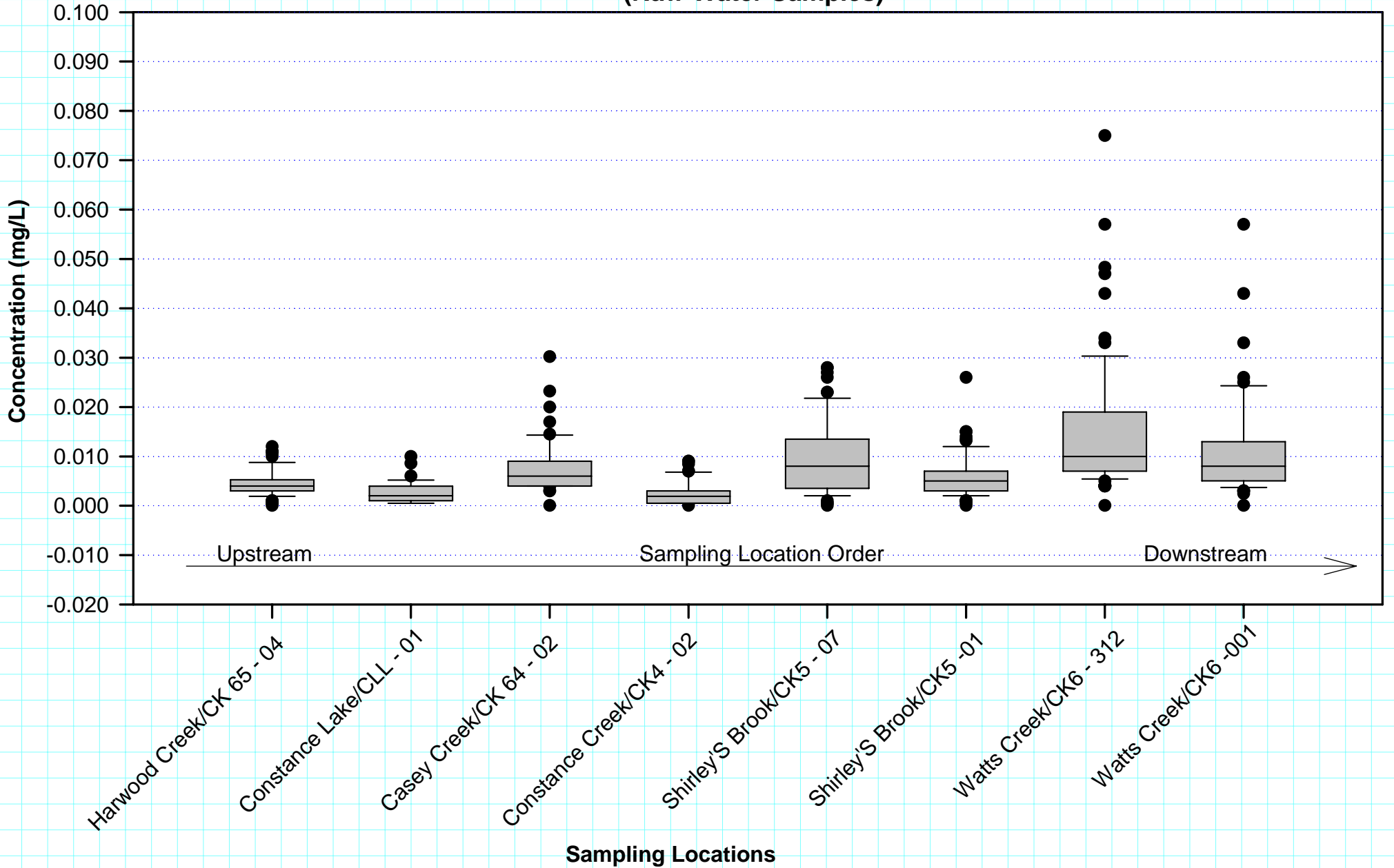


**Sampling Locations**

Un-ionized Ammonia

**PWQO (0.02 mg/L)**

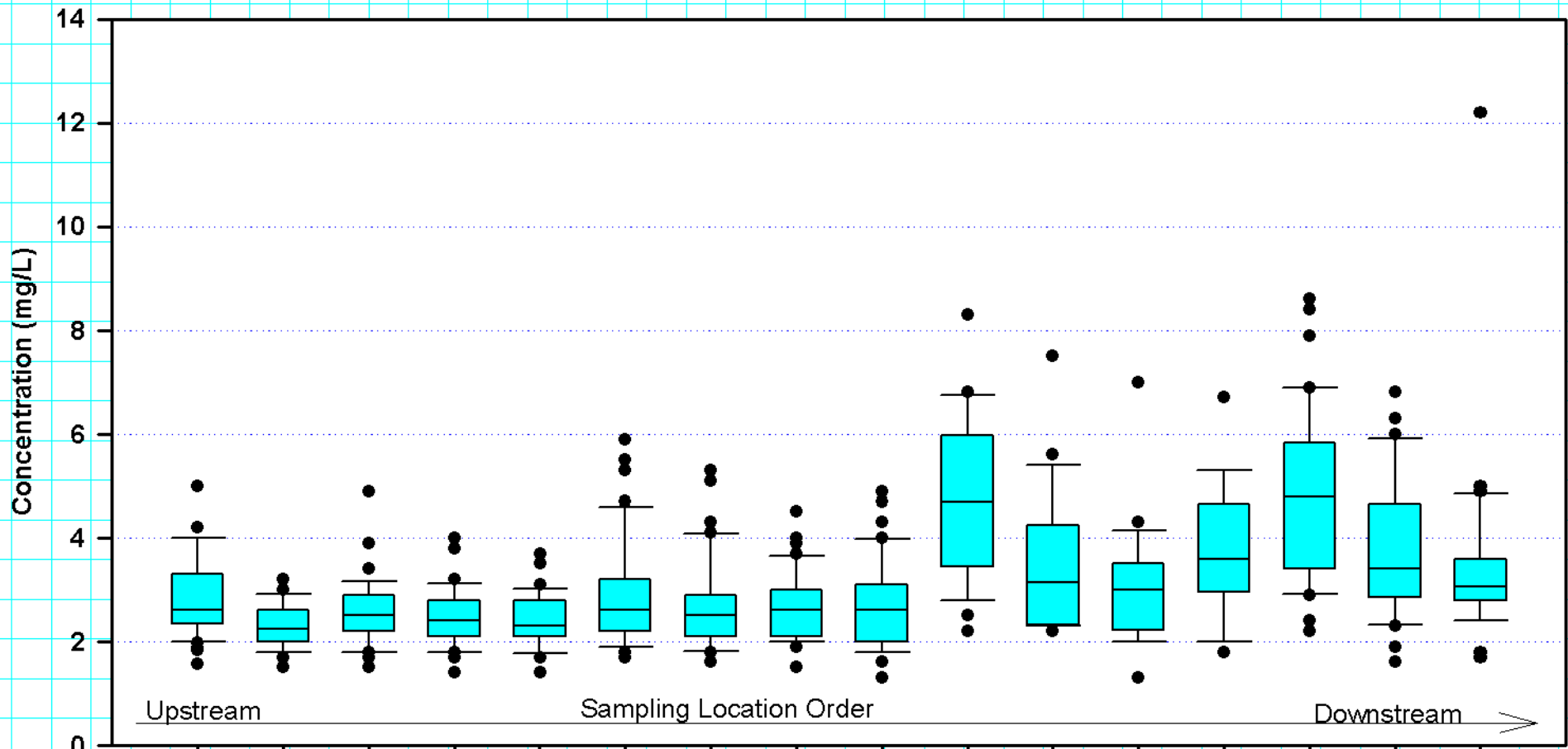
Ottawa River Subwatershed (MVC)  
(City of Ottawa Baseline Water Quality Program) - 2000-06  
(Raw Water Samples)



PWQO (0.03 mg/L)



**Ottawa River Watershed  
(City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
(Raw Water Samples)**

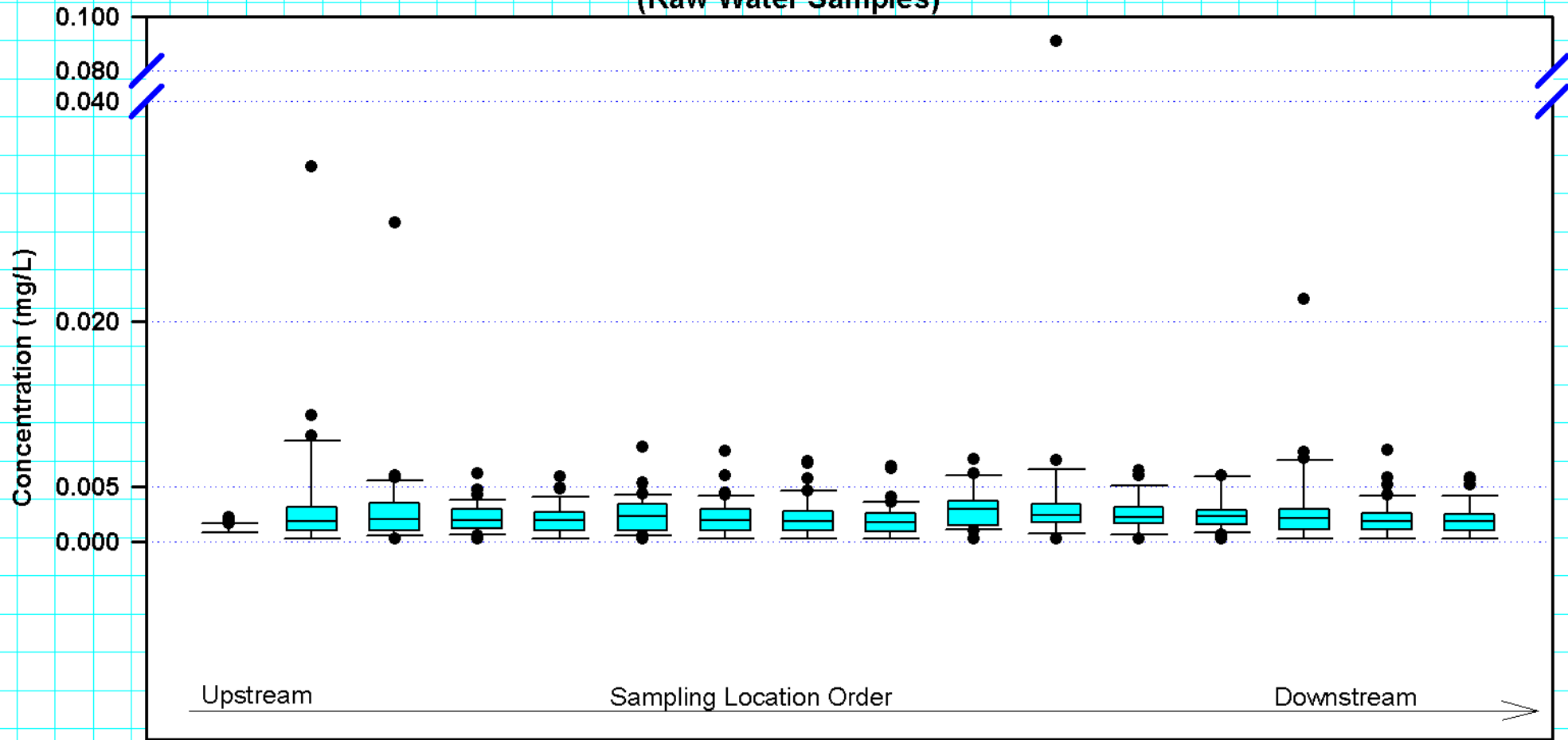


Chloride (Main River)


ODWSOG (AO = 250 mg/L)

Sampling point from 2001-12-04 at Chats Falls of 134.0 mg/L was omitted from the graph because it was out of the concentration range.

**Ottawa River Watershed  
 (City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
 (Raw Water Samples)**



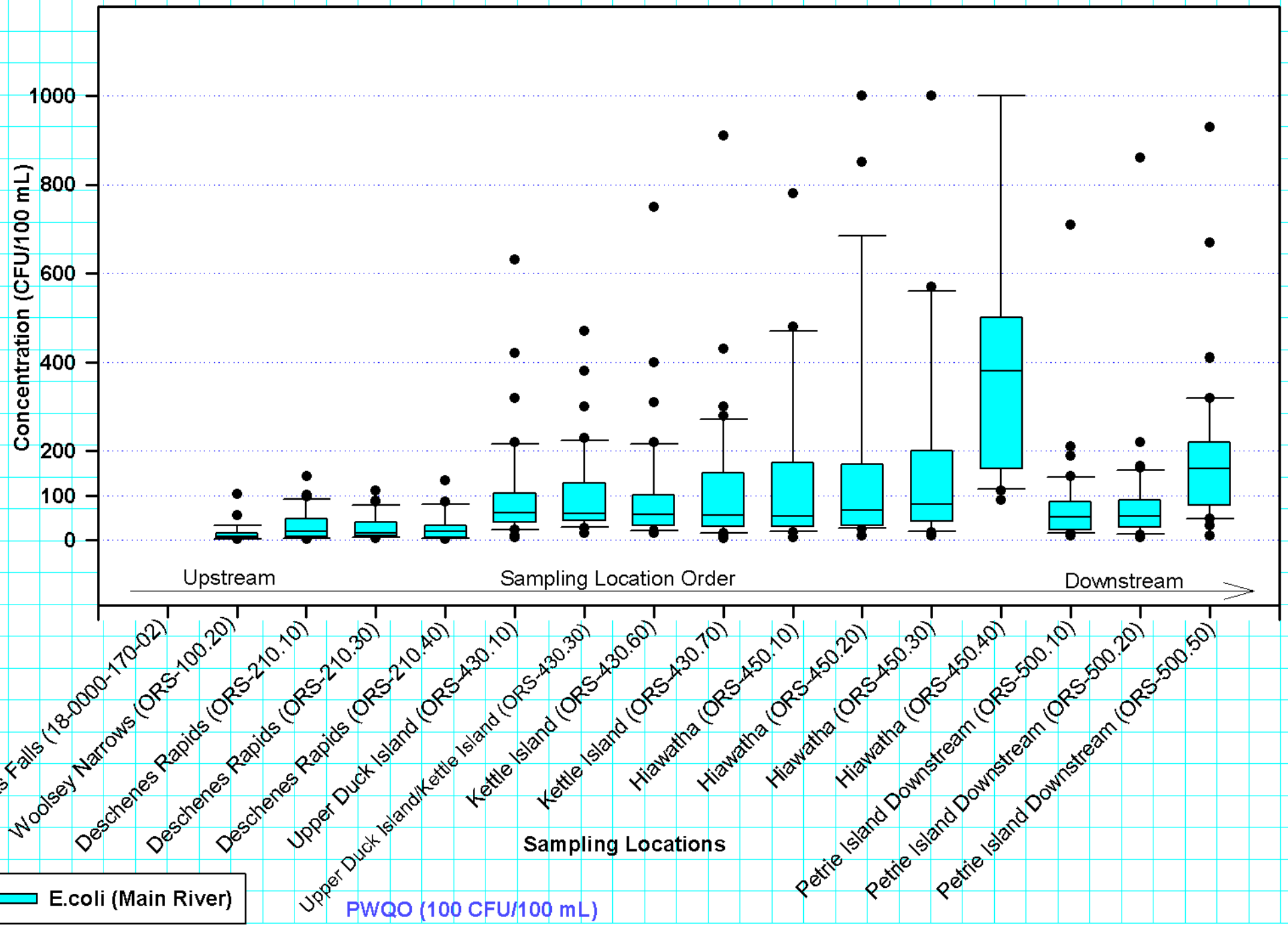
Chats Falls (18-0000-170-02)  
 Woolsey Narrows (ORS-100.20)  
 Deschenes Rapids (ORS-210.10)  
 Deschenes Rapids (ORS-210.30)  
 Upper Duck Island (ORS-210.40)  
 Upper Duck Island/Kettle Island (ORS-430.10)  
 Kettle Island (ORS-430.30)  
 Kettle Island (ORS-430.60)  
 Hiawatha (ORS-430.70)  
 Hiawatha (ORS-450.10)  
 Hiawatha (ORS-450.20)  
 Hiawatha (ORS-450.30)  
 Hiawatha (ORS-450.40)  
 Petrie Island Downstream (ORS-500.10)  
 Petrie Island Downstream (ORS-500.20)  
 Petrie Island Downstream (ORS-500.50)

 Copper (Main River)

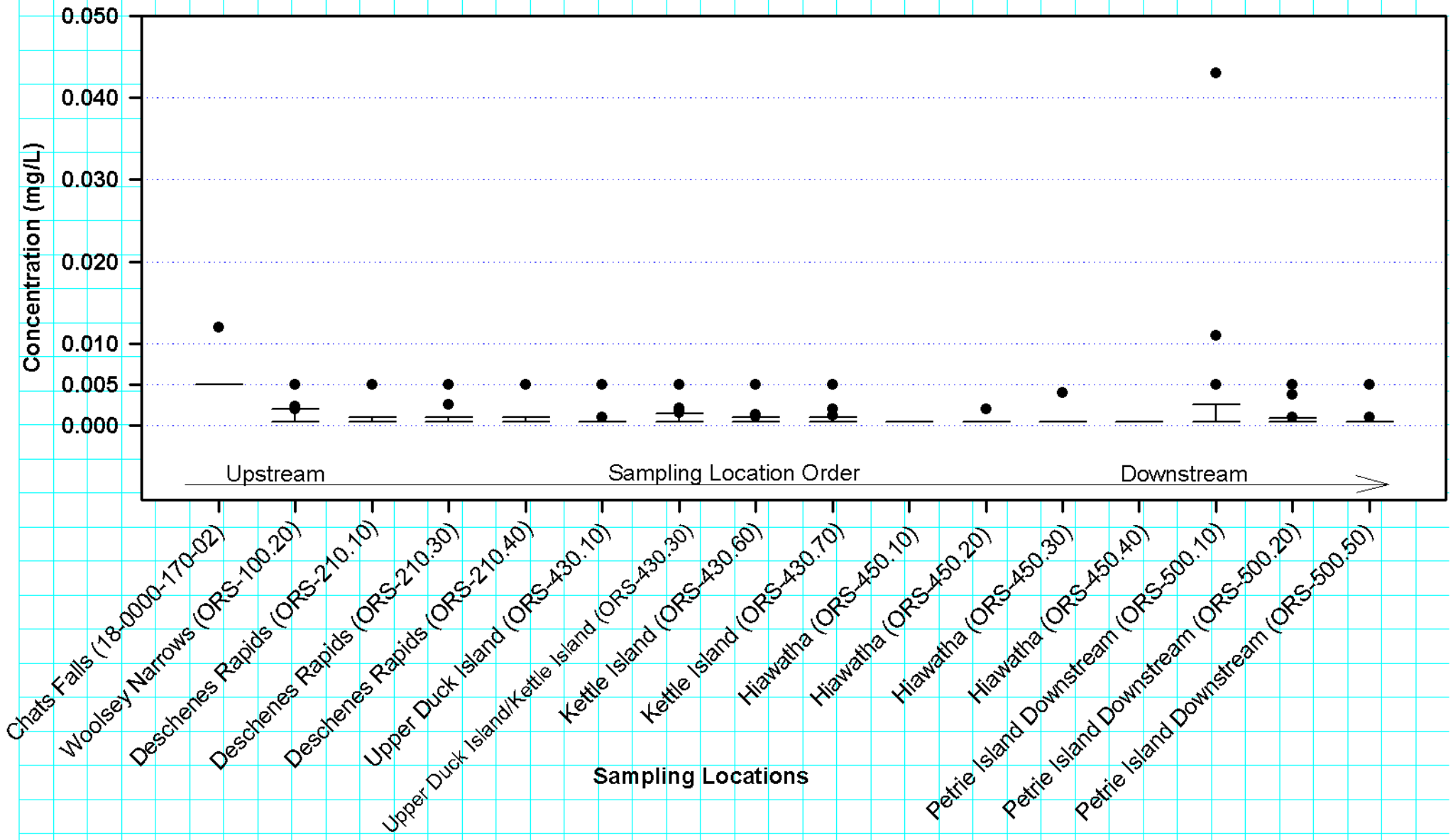
PWQO (0.005 mg/L)

Sampling Locations

**Ottawa River Watershed  
 (City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
 (Raw Water Samples)**

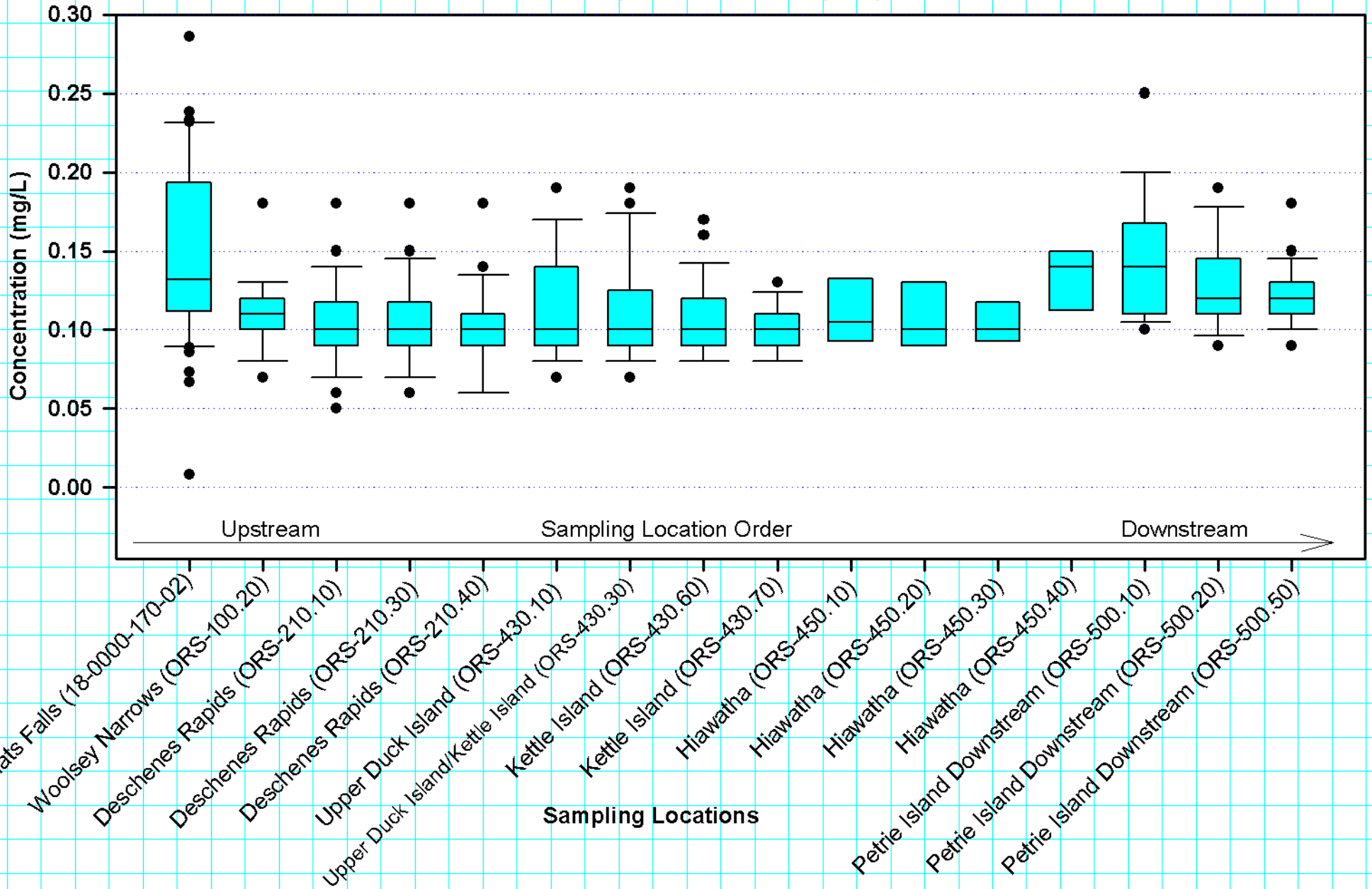


**Ottawa River Watershed  
 (City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
 (Raw Water Samples)**



The PWQO for lead varies from 0.005 mg/L to 0.025mg/L depending upon alkalinity concentrations.

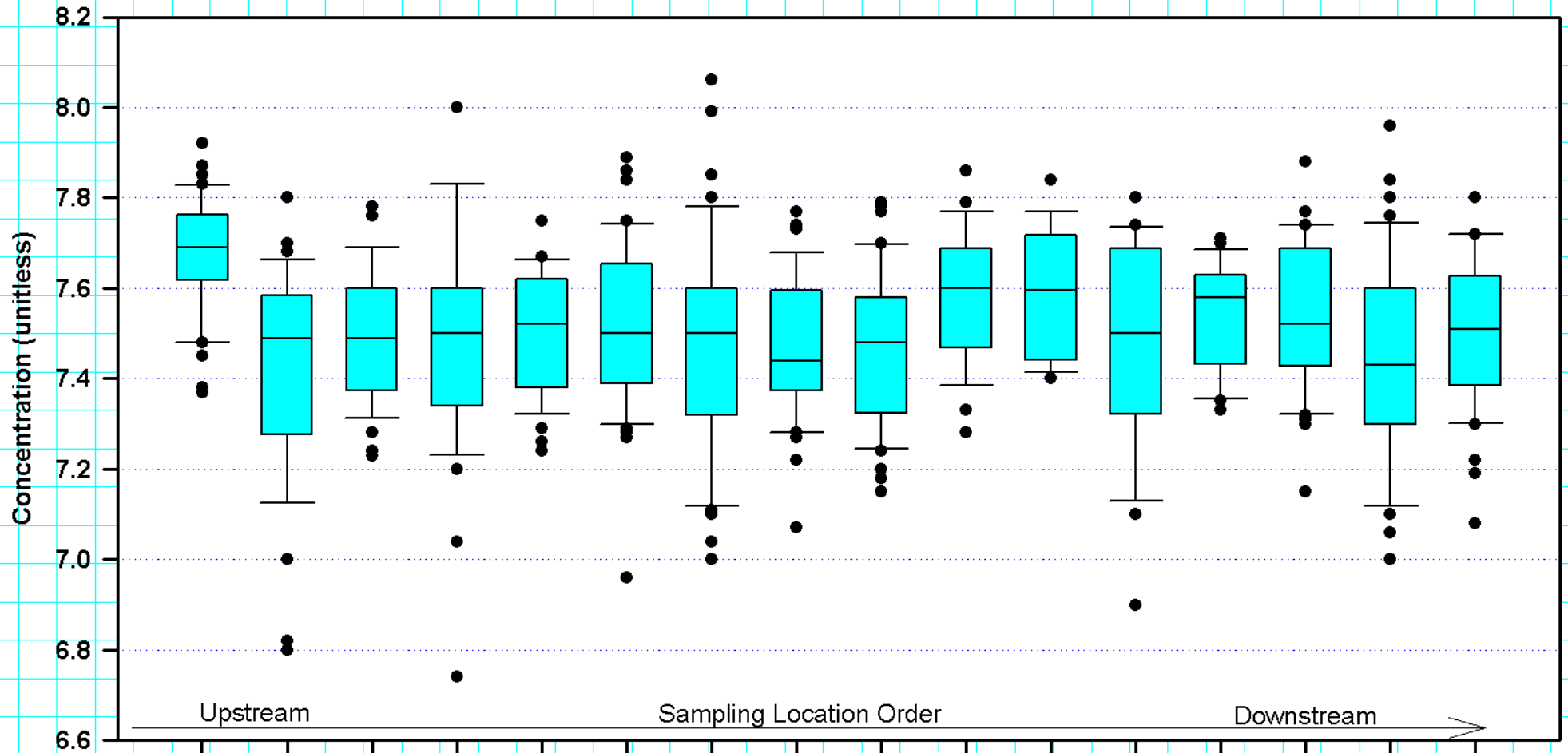
# Ottawa River Watershed (City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06 (Raw Water Samples)



█ Total Nitrate & Nitrite  
(Main River)

ODWQS (MAC = 10.0 mg/L)

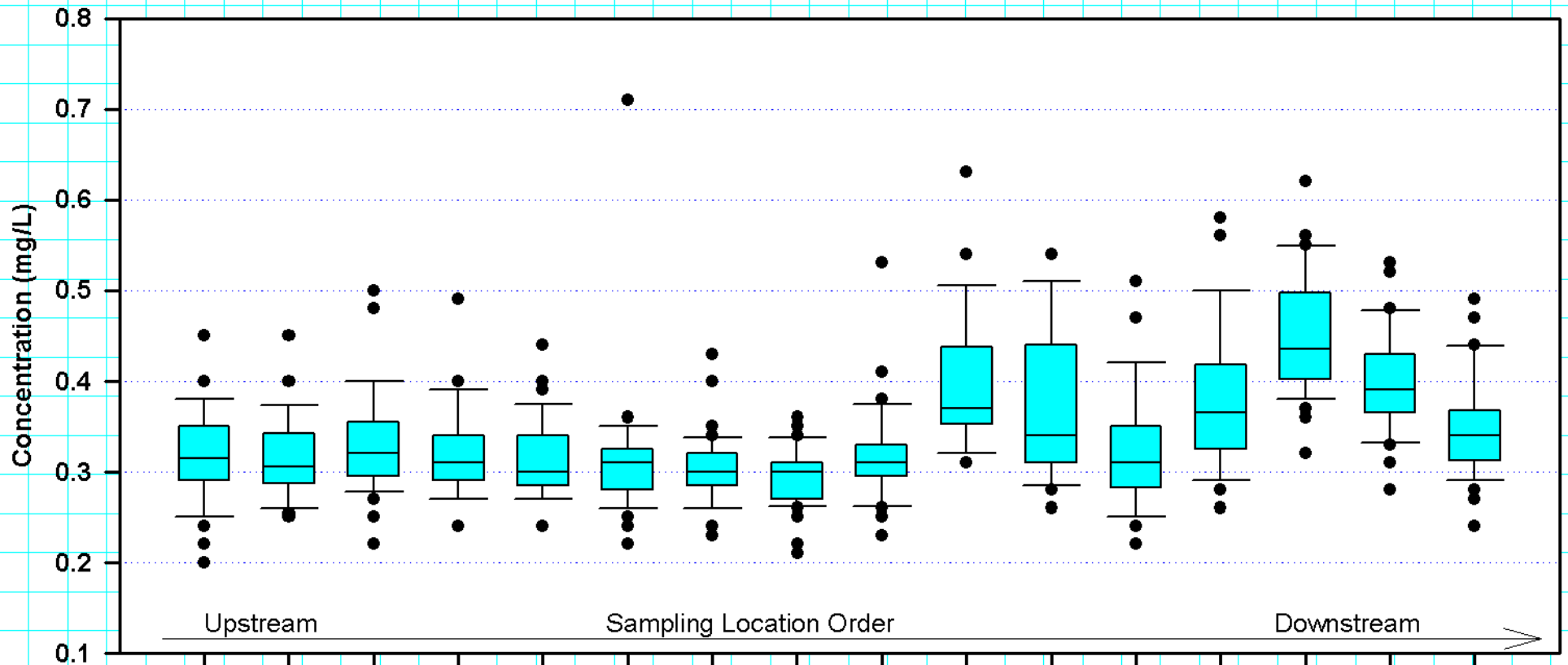
**Ottawa River Watershed  
(City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
(Raw Water Samples)**



pH (Main River)

PWQO (6.5 to 8.5)

**Ottawa River Watershed  
 (City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
 (Raw Water Samples)**



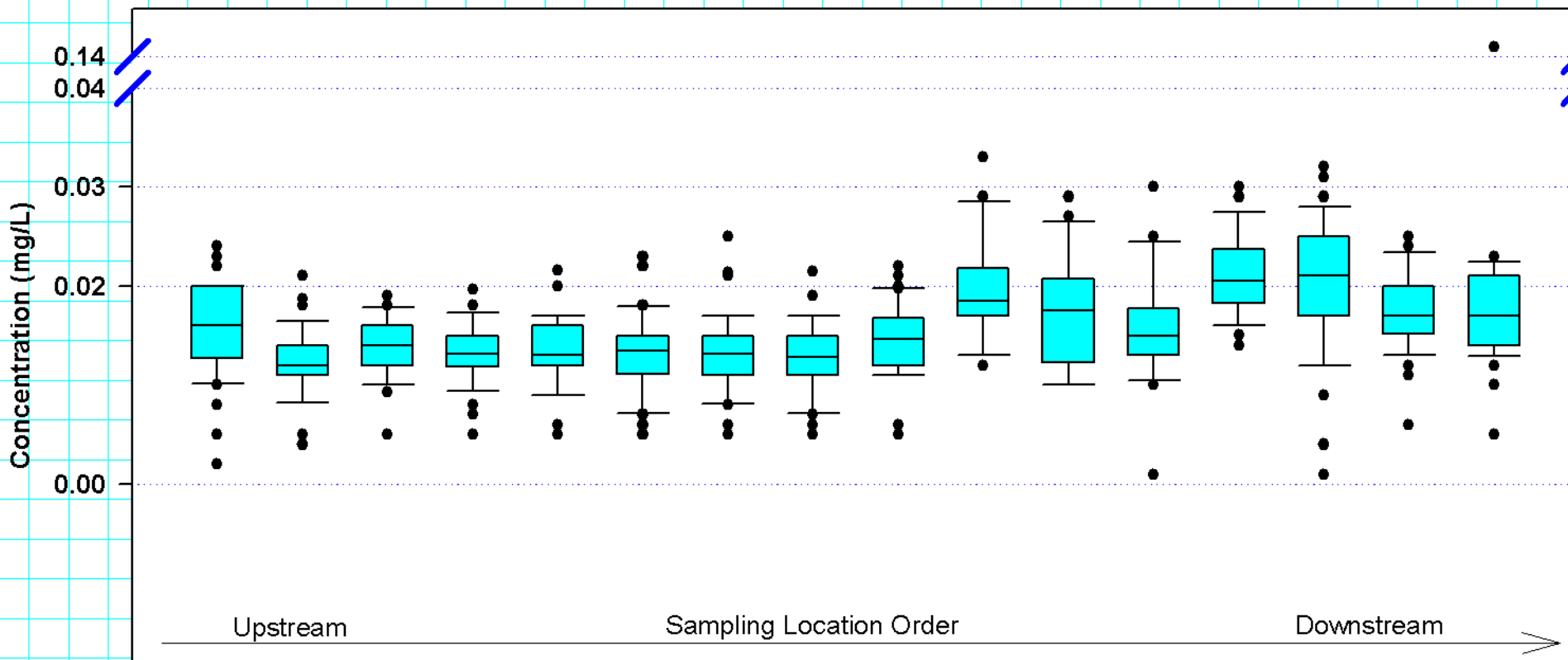
**Sampling Locations**

Chats Falls (18-0000-170-02)    Woolsey Narrows (ORS-100-20)    Deschenes Rapids (ORS-210-10)    Deschenes Rapids (ORS-210-30)    Upper Duck Island (ORS-210-40)    Upper Duck Island/Kettle Island (ORS-430-10)    Kettle Island (ORS-430-30)    Kettle Island (ORS-430-60)    Hiawatha (ORS-430-70)    Hiawatha (ORS-450-10)    Hiawatha (ORS-450-20)    Hiawatha (ORS-450-30)    Hiawatha (ORS-450-40)    Petrie Island Downstream (ORS-500-10)    Petrie Island Downstream (ORS-500-20)    Petrie Island Downstream (ORS-500-50)

**TOTAL KJELDAHL NITROGEN**  
 (Main River)

EC (0.5 mg/L)

**Ottawa River Watershed  
(City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
(Raw Water Samples)**



Chats Falls (18-0000-170-02)  
 Woolsey Narrows (ORS-100.20)  
 Deschenes Rapids (ORS-210.10)  
 Deschenes Rapids (ORS-210.30)  
 Deschenes Rapids (ORS-210.40)  
 Upper Duck Island (ORS-430.10)  
 Upper Duck Island/Kettle Island (ORS-430.30)  
 Kettle Island (ORS-430.60)  
 Kettle Island (ORS-430.70)  
 Hiawatha (ORS-450.10)  
 Hiawatha (ORS-450.20)  
 Hiawatha (ORS-450.30)  
 Hiawatha (ORS-450.40)  
 Petrie Island Downstream (ORS-500.10)  
 Petrie Island Downstream (ORS-500.20)  
 Petrie Island Downstream (ORS-500.50)

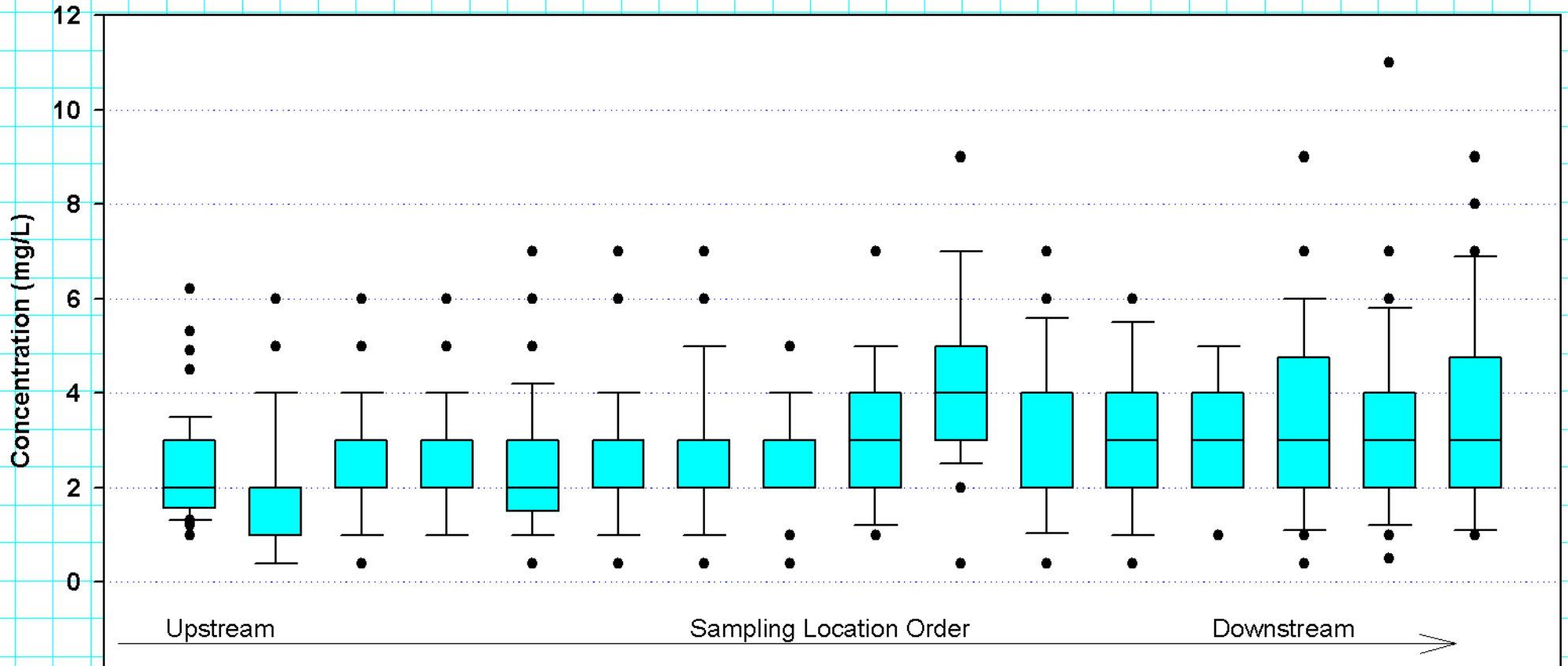
**Sampling Locations**

**Total Phosphorus (Main River)**

PWQO (0.03 mg/L)



**Ottawa River Watershed  
(City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
(Raw Water Samples)**



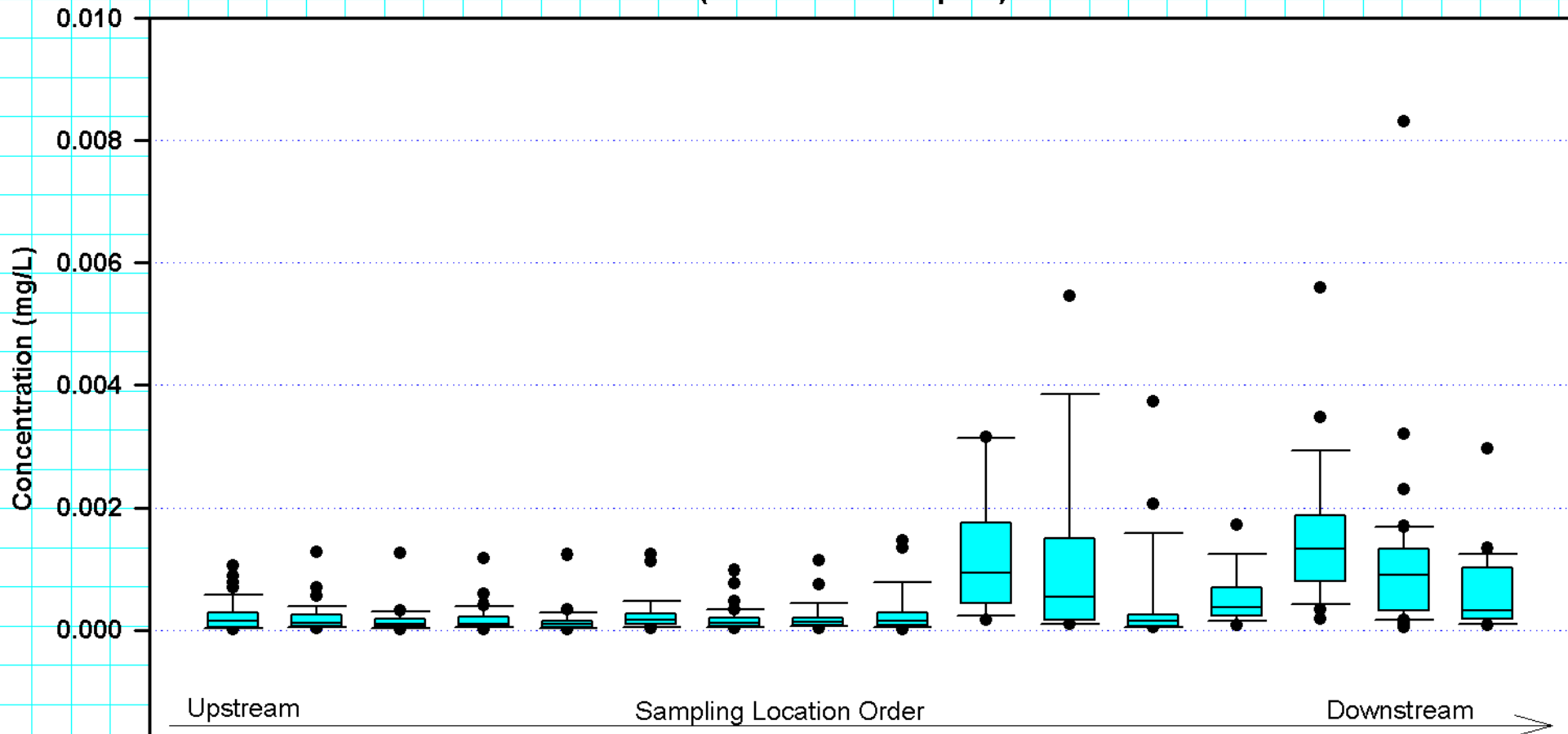
**Sampling Locations**

Chats Falls (18-0000-170-02)    Woolsey Narrows (ORS-100.20)    Deschenes Rapids (ORS-210.10)    Deschenes Rapids (ORS-210.30)    Upper Duck Island (ORS-210.40)    Upper Duck Island/Kettle Island (ORS-430.10)    Kettle Island (ORS-430.30)    Kettle Island (ORS-430.60)    Hiawatha (ORS-430.70)    Hiawatha (ORS-450.10)    Hiawatha (ORS-450.20)    Hiawatha (ORS-450.30)    Petrie Island Downstream (ORS-450.40)    Petrie Island Downstream (ORS-500.10)    Petrie Island Downstream (ORS-500.20)    Petrie Island Downstream (ORS-500.50)

**Total Suspended Solids  
(Main River)**

**CWQG (Chap. 4 = 10 mg/L)**

**Ottawa River Watershed  
(City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
(Raw Water Samples)**

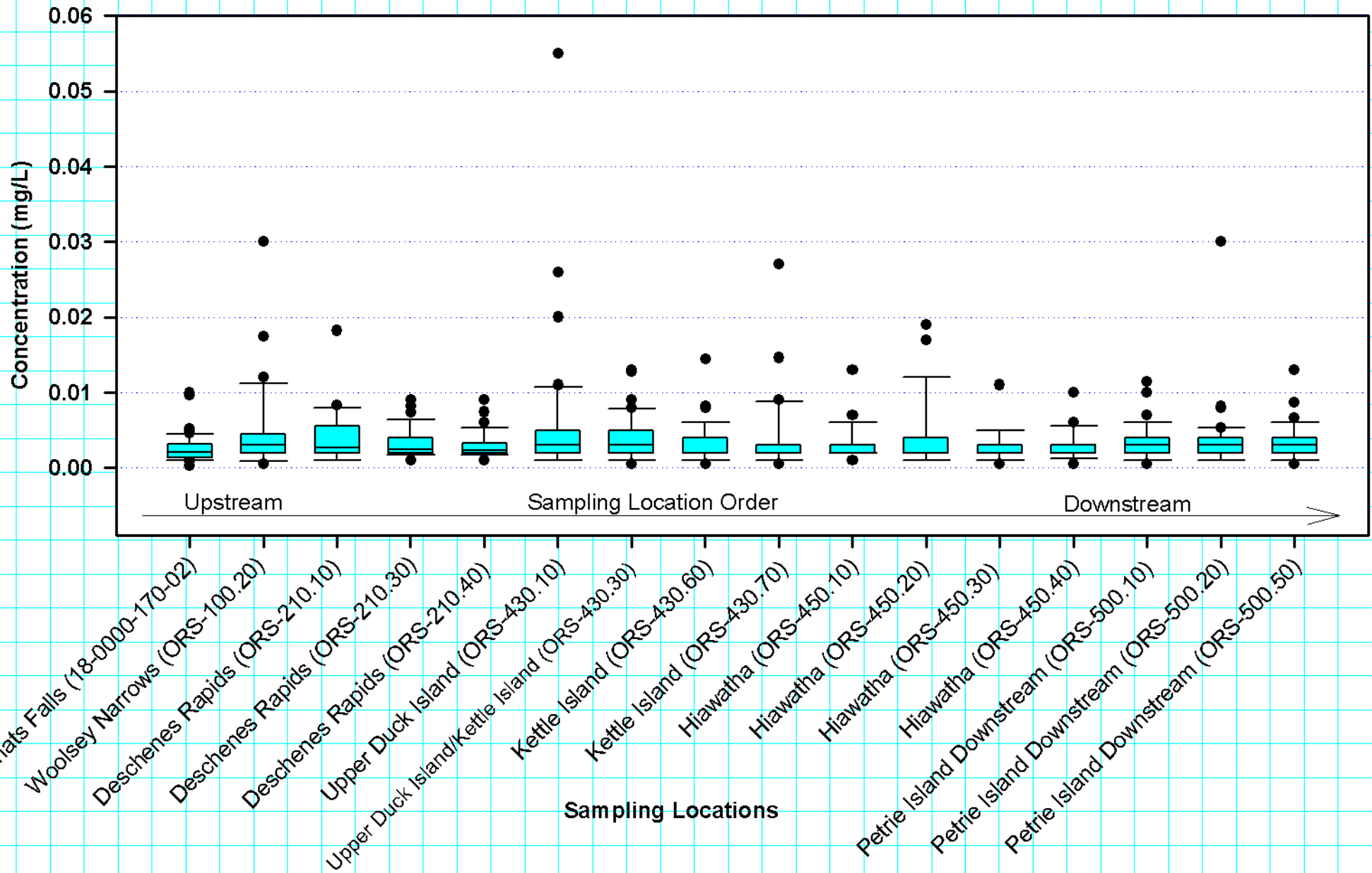


Chats Falls (18-0000-170-02)  
 Woolsey Narrows (ORS-100-20)  
 Deschenes Rapids (ORS-210-10)  
 Deschenes Rapids (ORS-210-30)  
 Deschenes Rapids (ORS-210-40)  
 Upper Duck Island (ORS-430-10)  
 Upper Duck Island/Kettle Island (ORS-430-30)  
 Kettle Island (ORS-430-60)  
 Kettle Island (ORS-430-70)  
 Hiawatha (ORS-450-10)  
 Hiawatha (ORS-450-20)  
 Hiawatha (ORS-450-30)  
 Petrie Island Downstream (ORS-500-40)  
 Petrie Island Downstream (ORS-500-10)  
 Petrie Island Downstream (ORS-500-20)  
 Petrie Island Downstream (ORS-500-50)

**Un-ionized Ammonia  
(Main River)**

**PWQO (0.02 mg/L)**

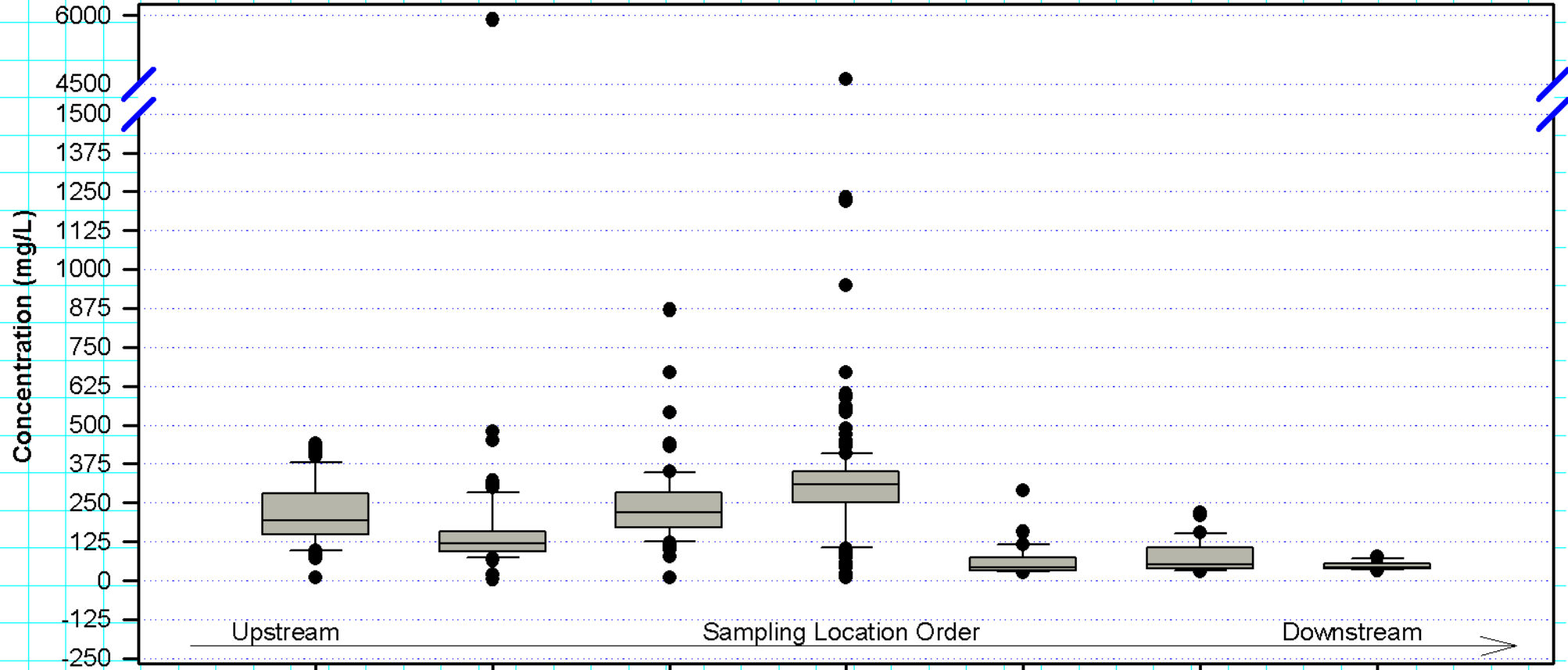
Ottawa River Watershed  
(City of Ottawa Baseline Water Quality Program & PWQMN Stations) - 2000-06  
(Raw Water Samples)



Zinc (Main River)

PWQO (0.03 mg/L)

**Ottawa River Subwatershed West (RVCA)  
 (City of Ottawa Baseline Water Quality Program) - 2000-06  
 (Raw Water Samples)**

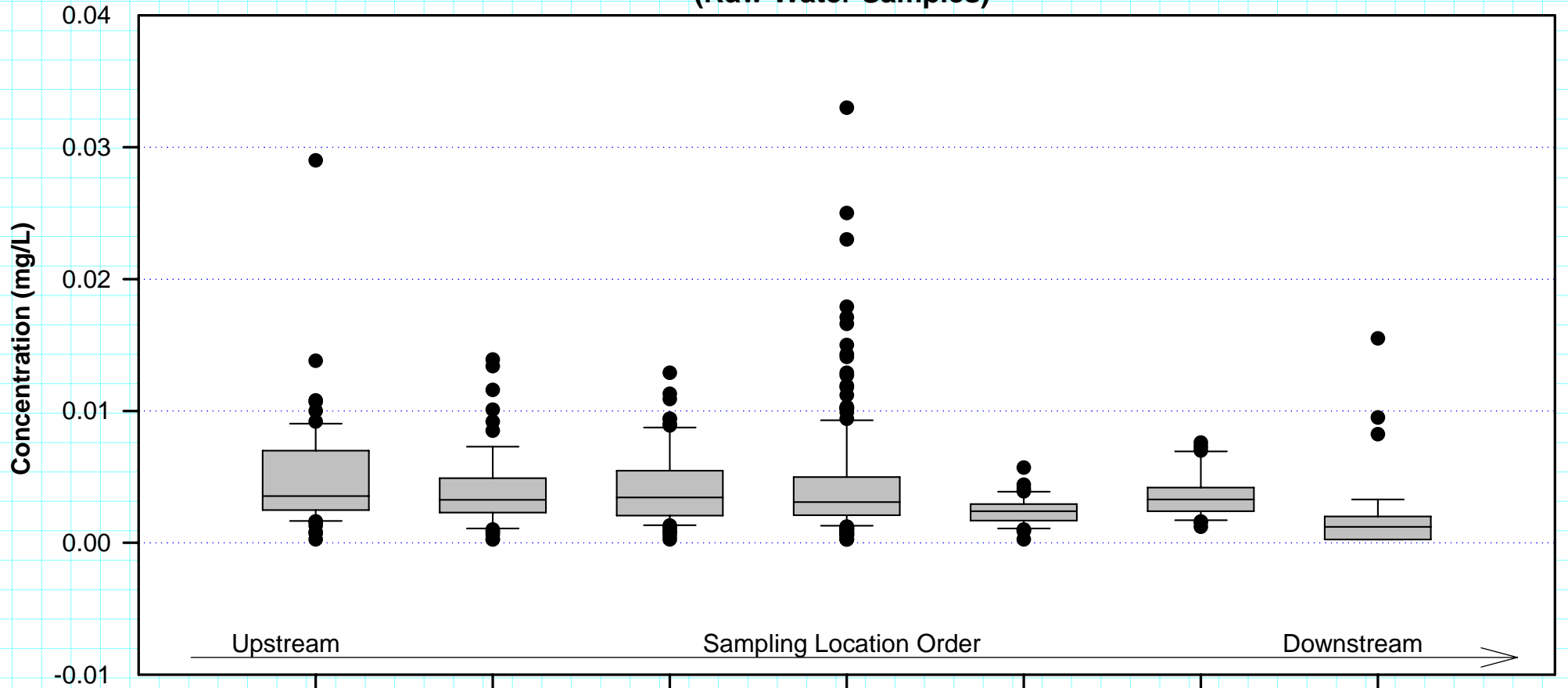


Sampling Locations

Chloride

ODWSOG (AO = 250 mg/L)

Ottawa River Subwatershed West (RVCA)  
(City of Ottawa Baseline Water Quality Program) - 2000-06  
(Raw Water Samples)

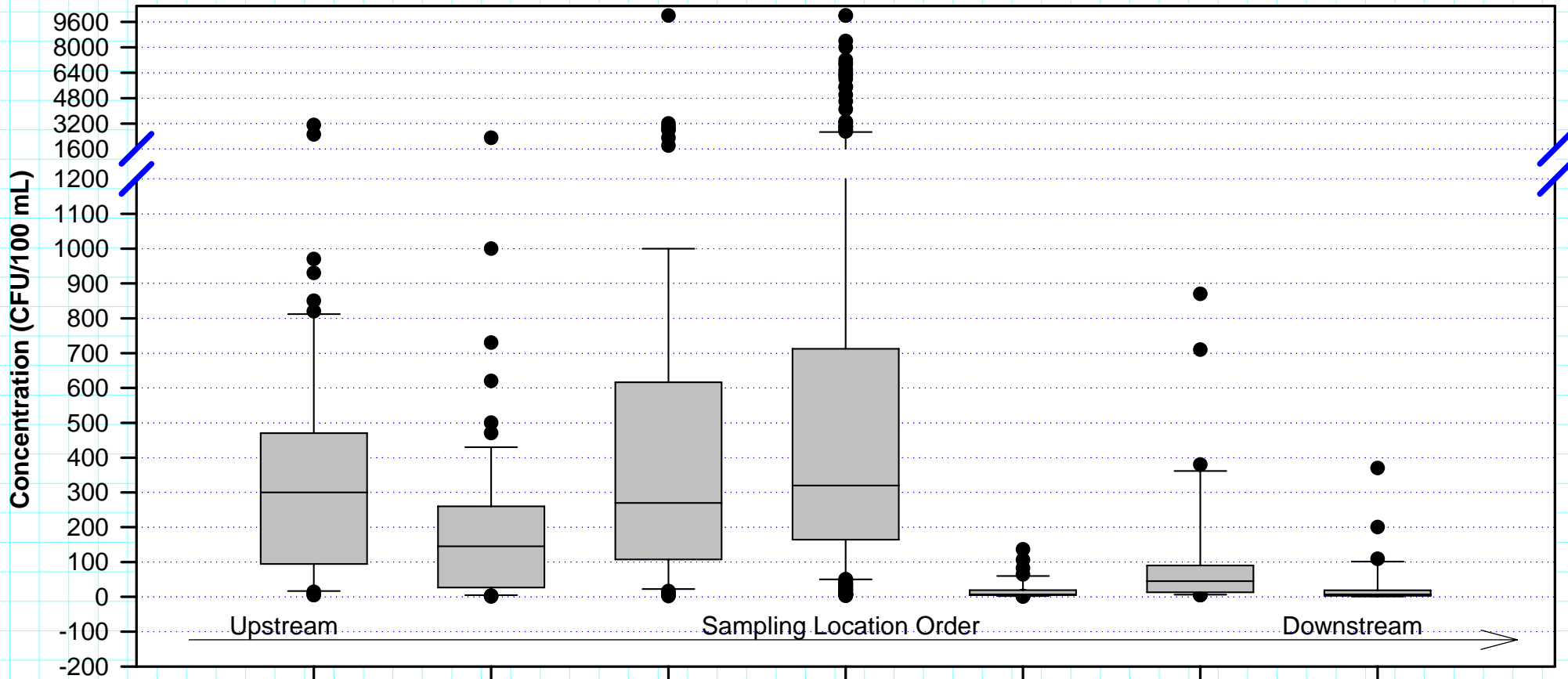


Sampling Locations

Copper

PWQO (0.005 mg/L)

**Ottawa River Subwatershed West (RVCA)  
 (City of Ottawa Baseline Water Quality Program) - 2000-06  
 (Raw Water Samples)**

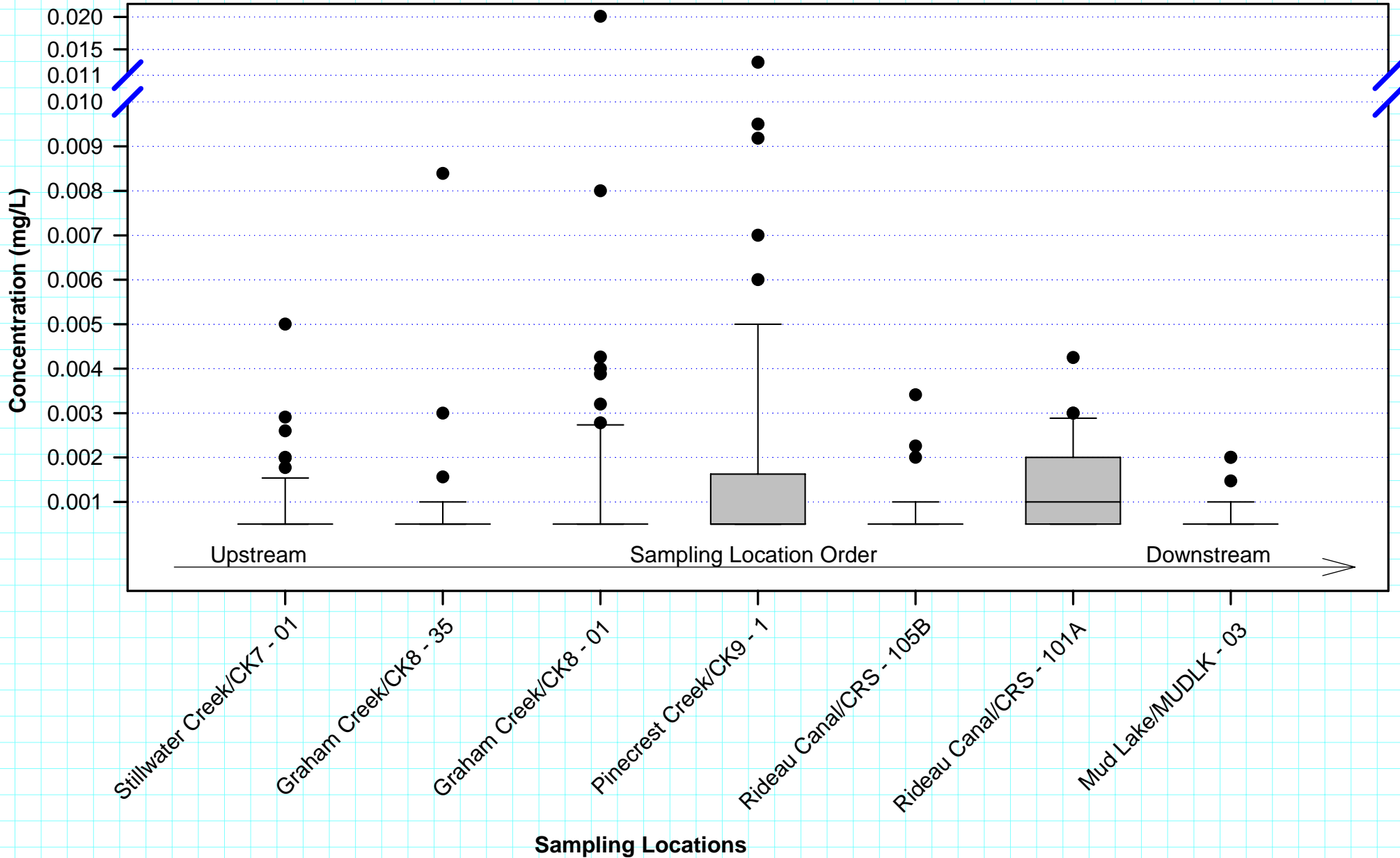


**Sampling Locations**

**E.coli**

**PWQO (100 CFU/ 100 mL)**

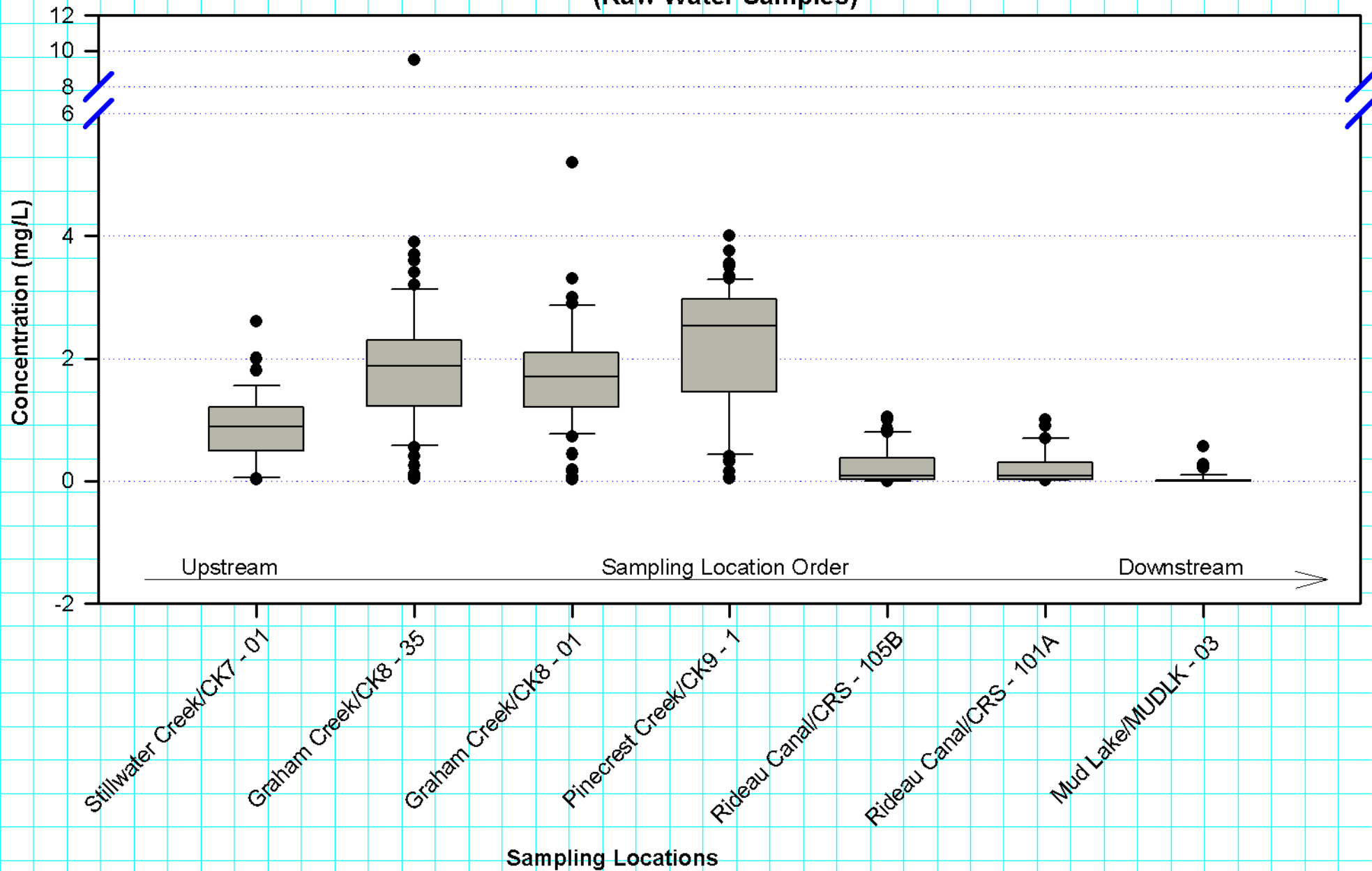
**Ottawa River Subwatershed West (RVCA)  
 (City of Ottawa Baseline Water Quality Program) - 2000-06  
 (Raw Water Samples)**



Lead

The PWQO for lead varies from 0.005 mg/L to 0.025 mg/L depending upon alkalinity concentrations

Ottawa River Subwatershed West (RVCA)  
(City of Ottawa Baseline Water Quality Program) - 2000-06  
(Raw Water Samples)

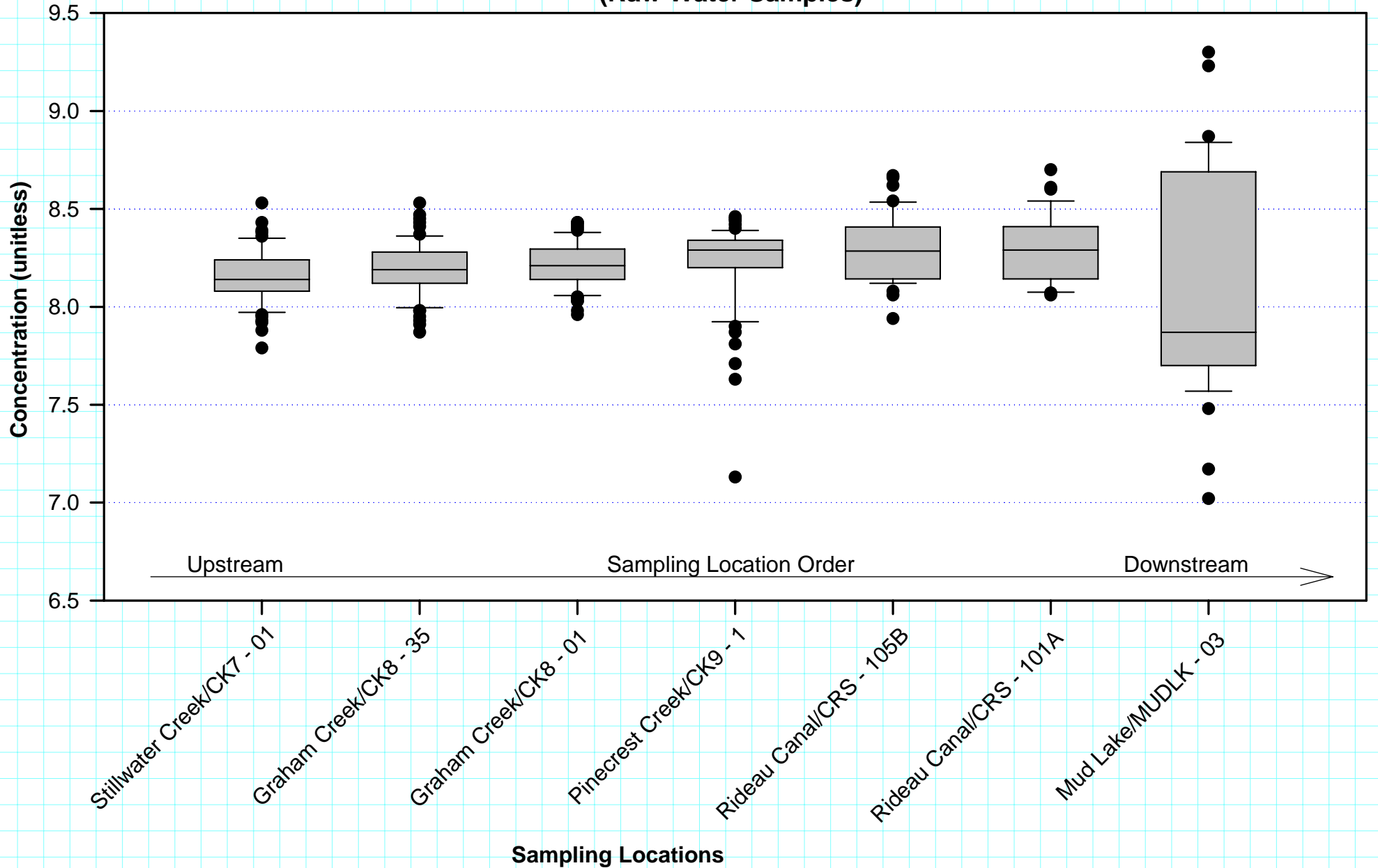


Nitrate & Nitrite

ODWQS (MAC = 10.0 mg/L)



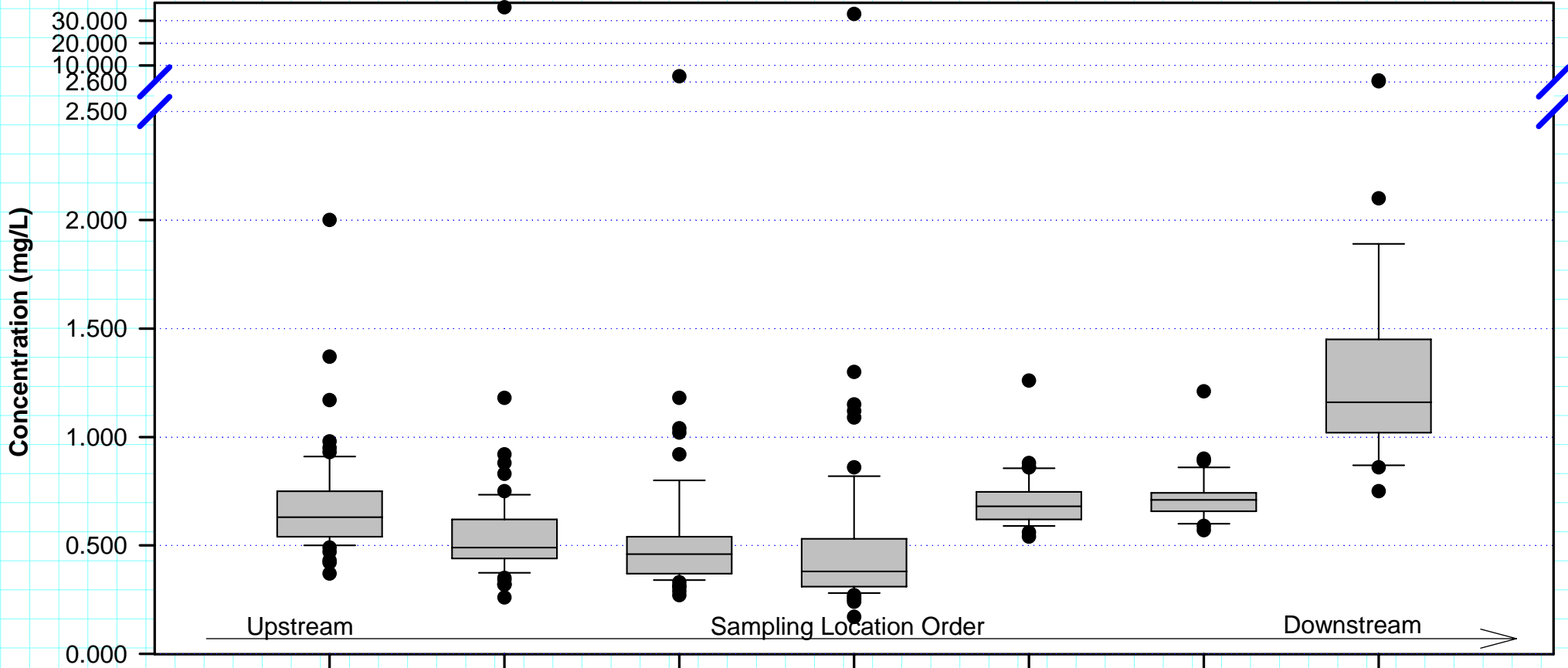
Ottawa River Subwatershed West (RVCA)  
(City of Ottawa Baseline Water Quality Program) - 2000-06  
(Raw Water Samples)



pH

PWQO (6.5 to 8.5)

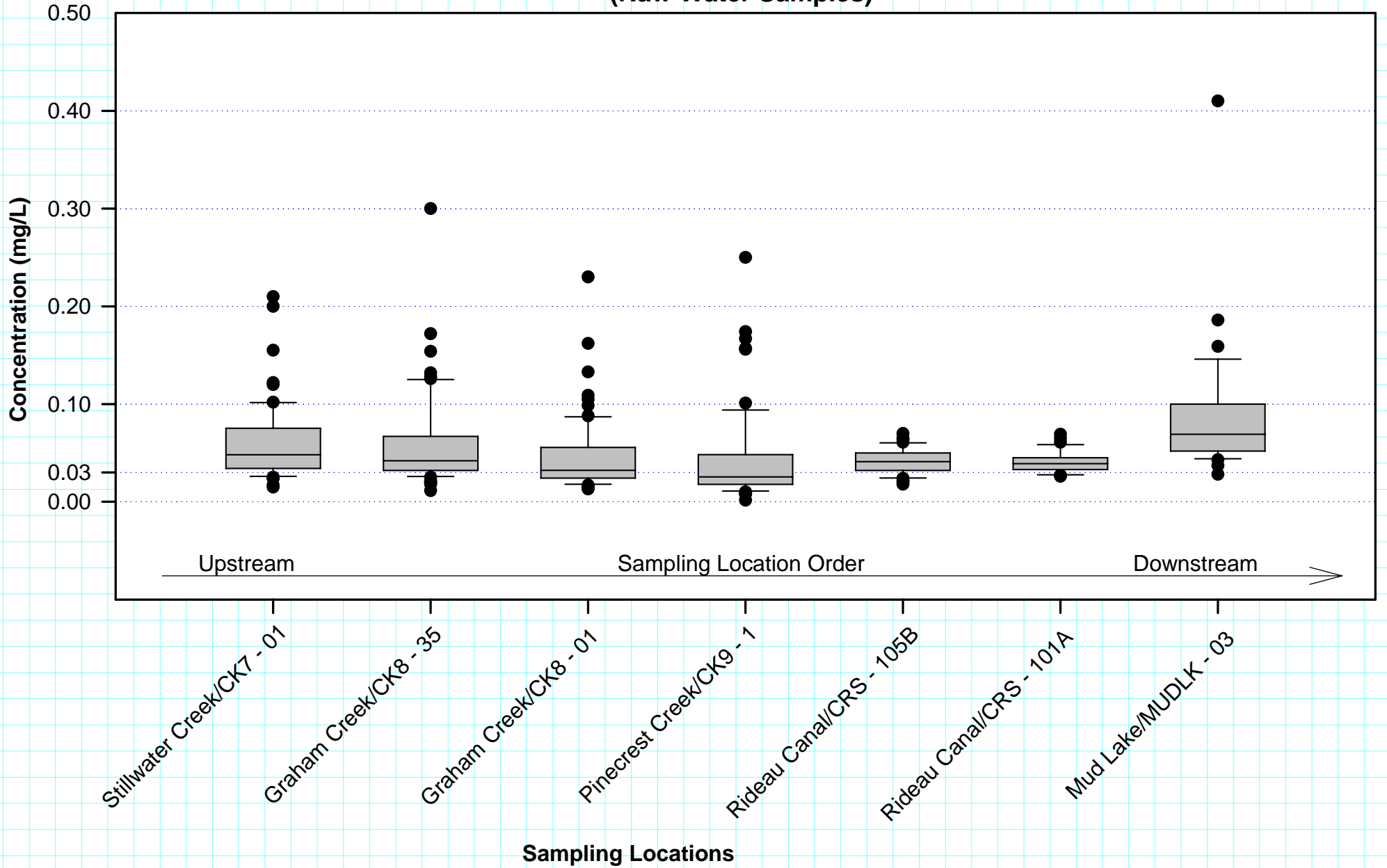
**Ottawa River Subwatershed West (RVCA)  
 (City of Ottawa Baseline Water Quality Program) - 2000-06  
 (Raw Water Samples)**



█ Total Kjeldahl Nitrogen (TKN)

EC (0.5 mg/L)

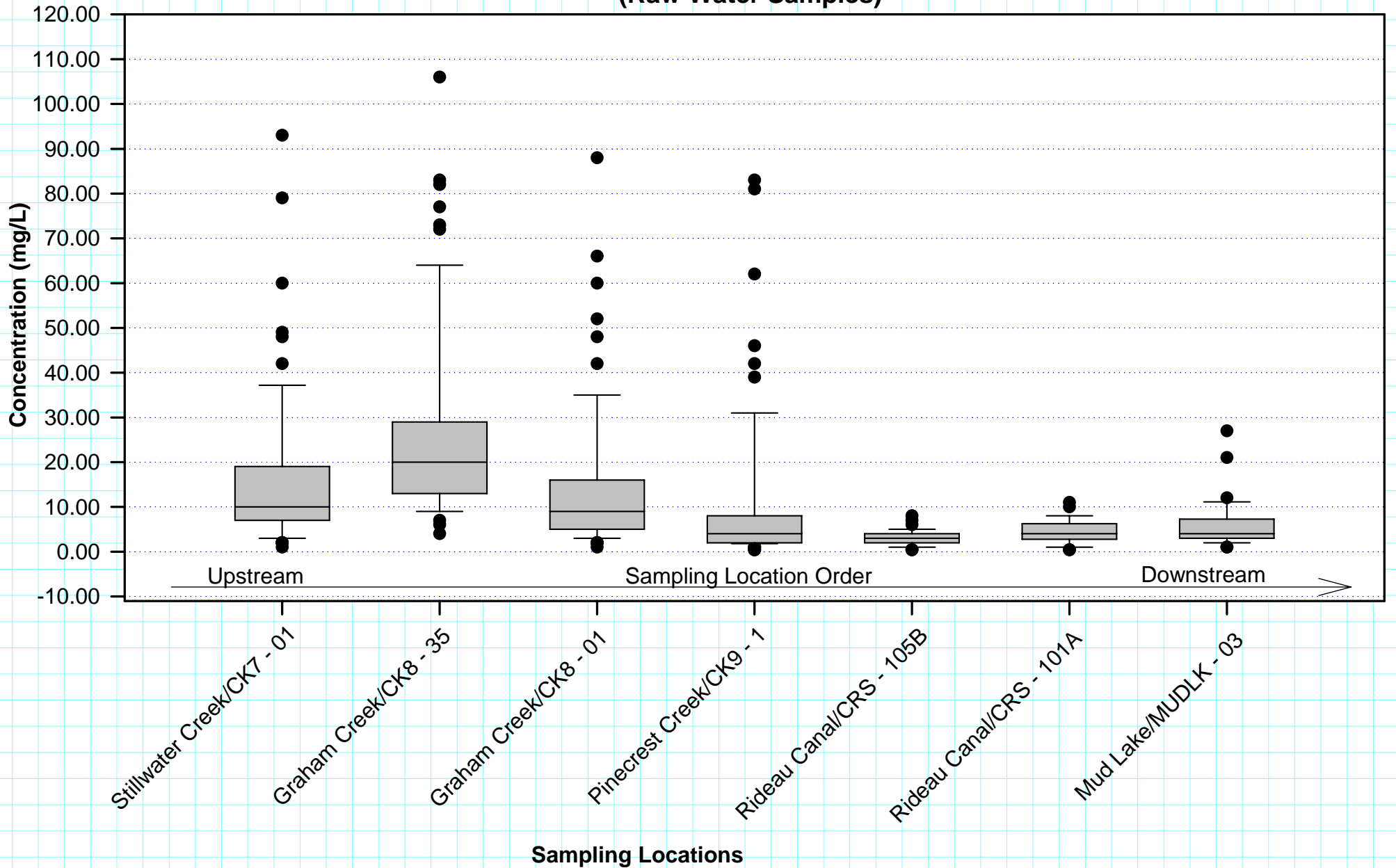
Ottawa River Subwatershed West (RVCA)  
(City of Ottawa Baseline Water Quality Program) - 2000-06  
(Raw Water Samples)



Total Phosphorus

PWQO (0.03 mg/L)

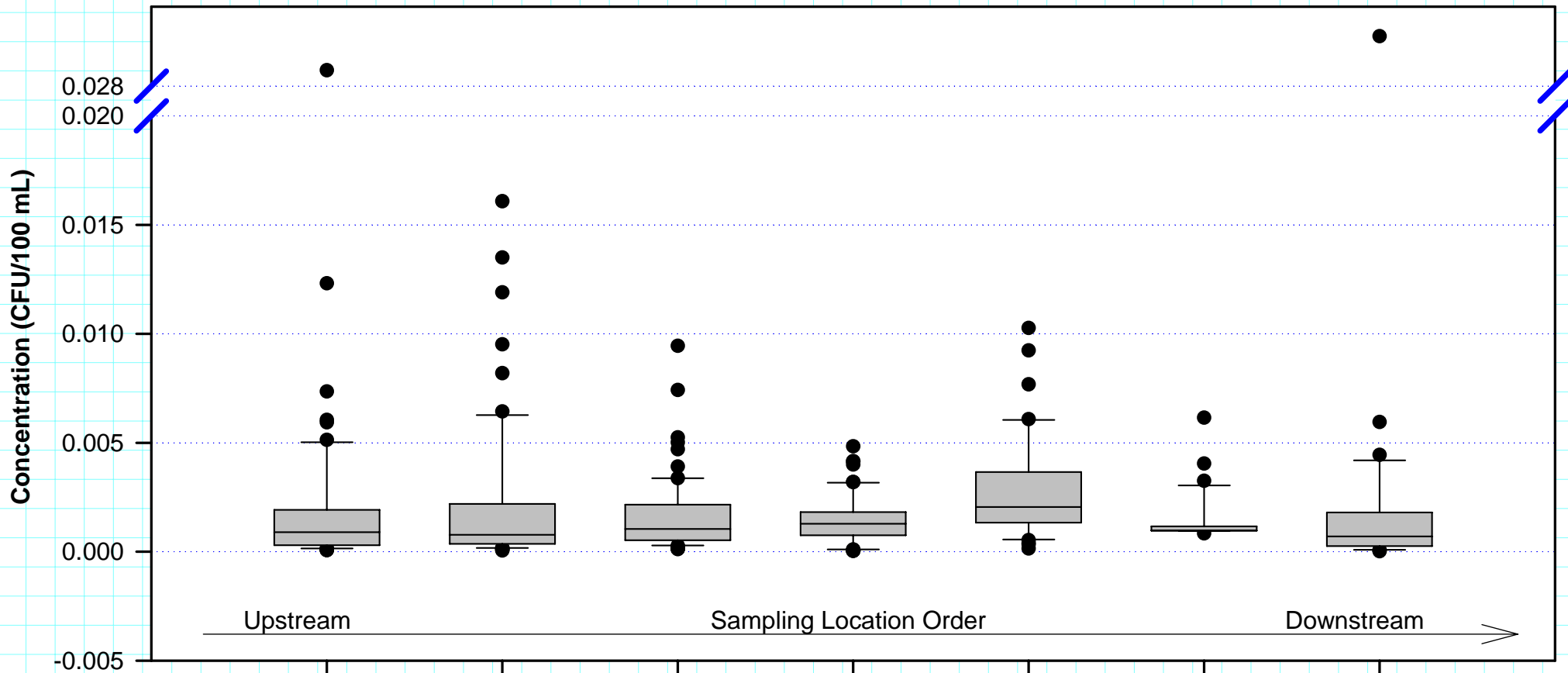
**Ottawa River Subwatershed West (RVCA)  
 (City of Ottawa Baseline Water Quality Program) - 2000-06  
 (Raw Water Samples)**



**Total Suspended Solids (TSS)**

**CWQG (chap.4 = 10.0 mg/L)**

Ottawa River Subwatershed West (RVCA)  
(City of Ottawa Baseline Water Quality Program) - 2000-06  
(Raw Water Samples)

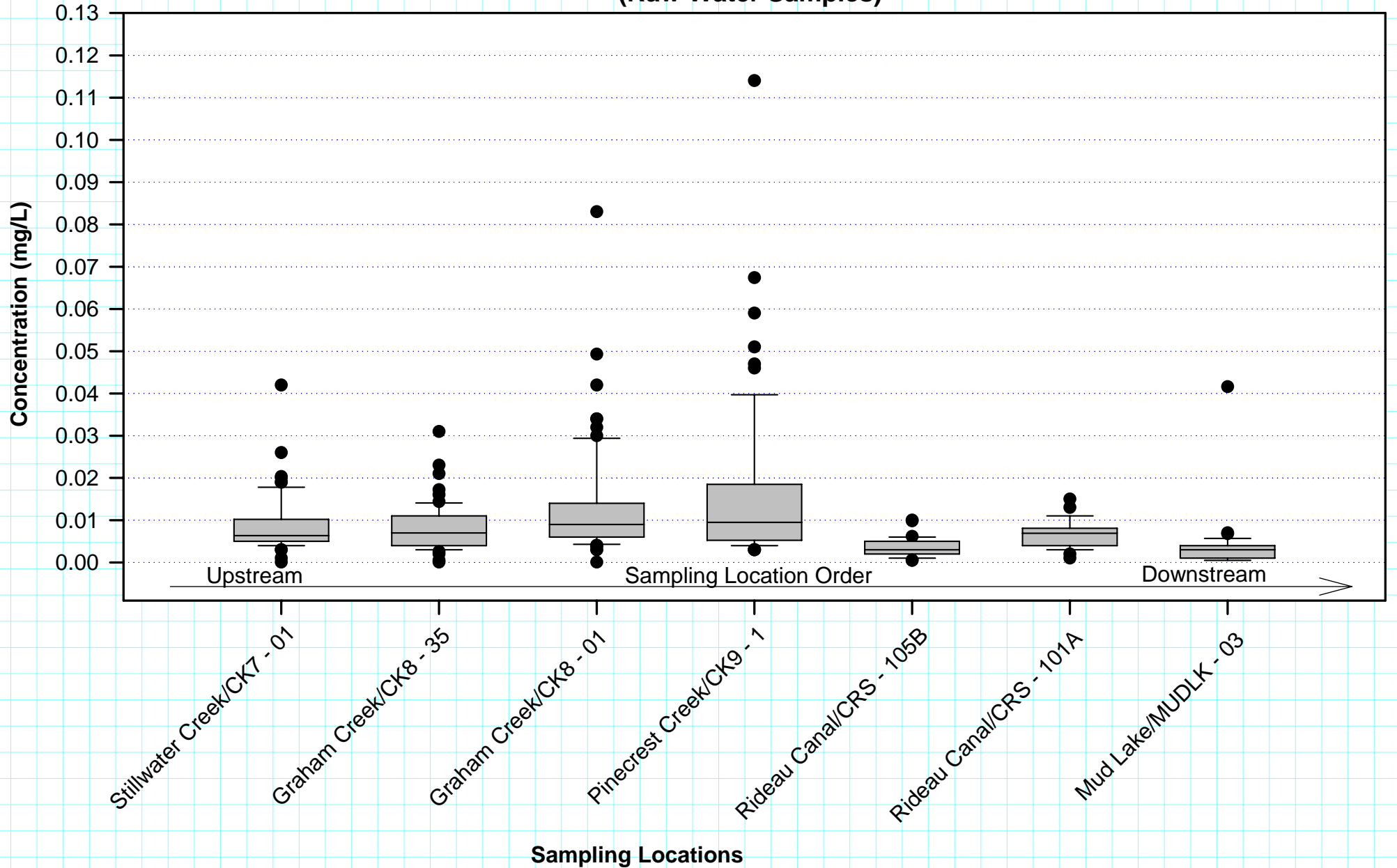


Un-ionized Ammonia

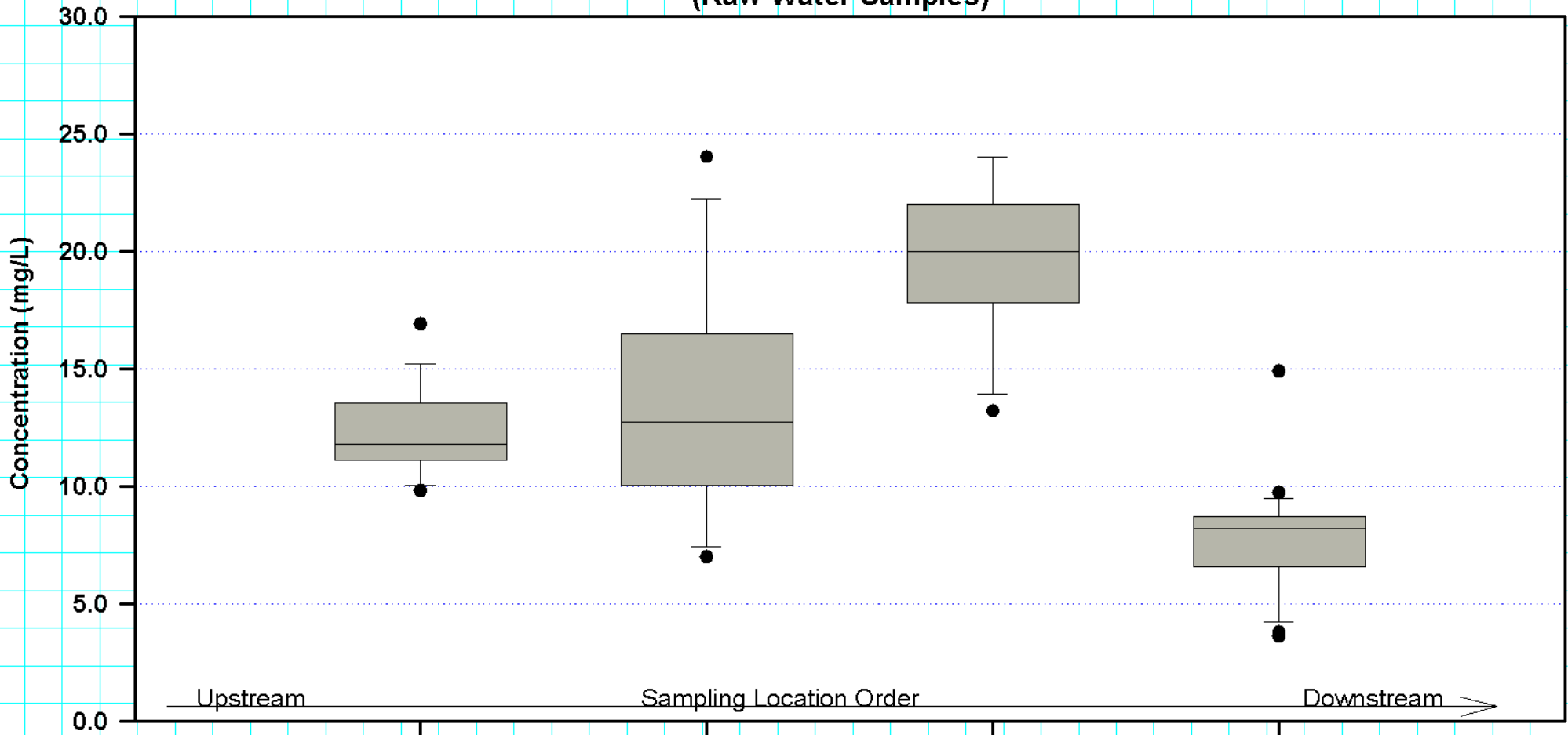
Sampling Locations

PWQO (0.02 mg/L)

Ottawa River Subwatershed West (RVCA)  
(City of Ottawa Baseline Water Quality Program) - 2000-06  
(Raw Water Samples)



Rideau Lakes Subwatershed  
(RVCA Stations) - 2001-05  
(Raw Water Samples)

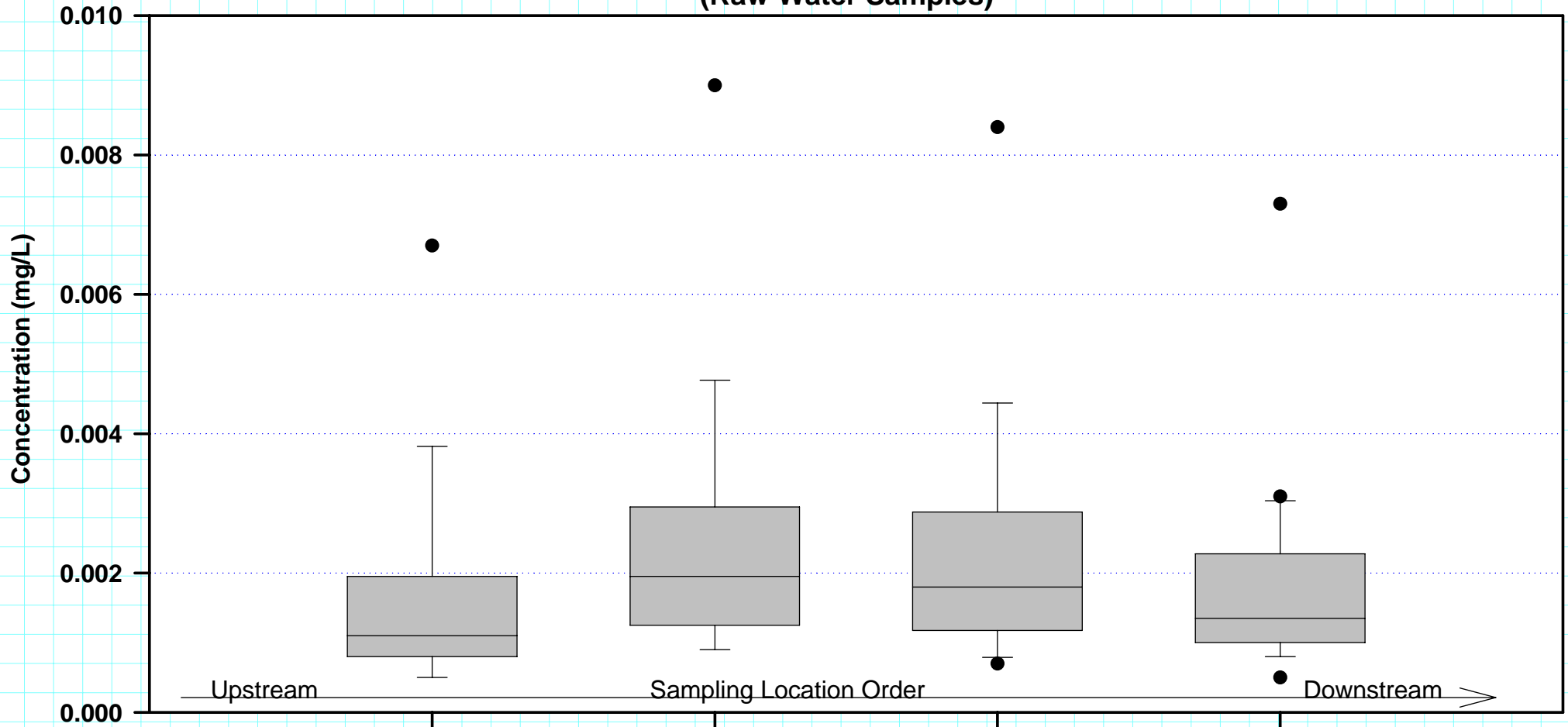


Chloride Levels

Sampling Locations

ODWSOG (AO = 250 mg/L)

Rideau Lakes Subwatershed  
(RVCA Stations) - 2001-05  
(Raw Water Samples)



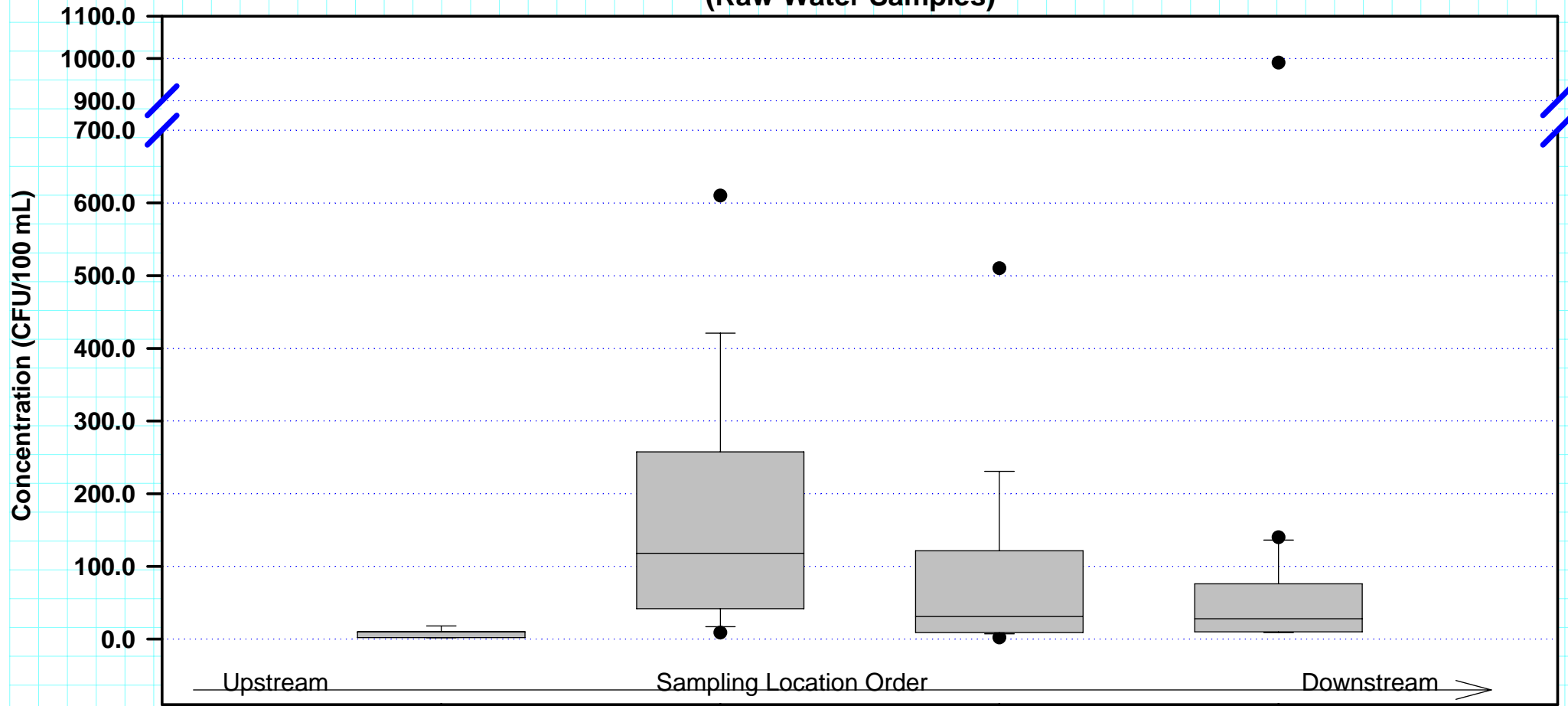
Copper

PWQO (0.005 mg/L)

Sampling Locations



# Rideau Lakes Subwatershed (RVCA Stations) - 2001-05 (Raw Water Samples)

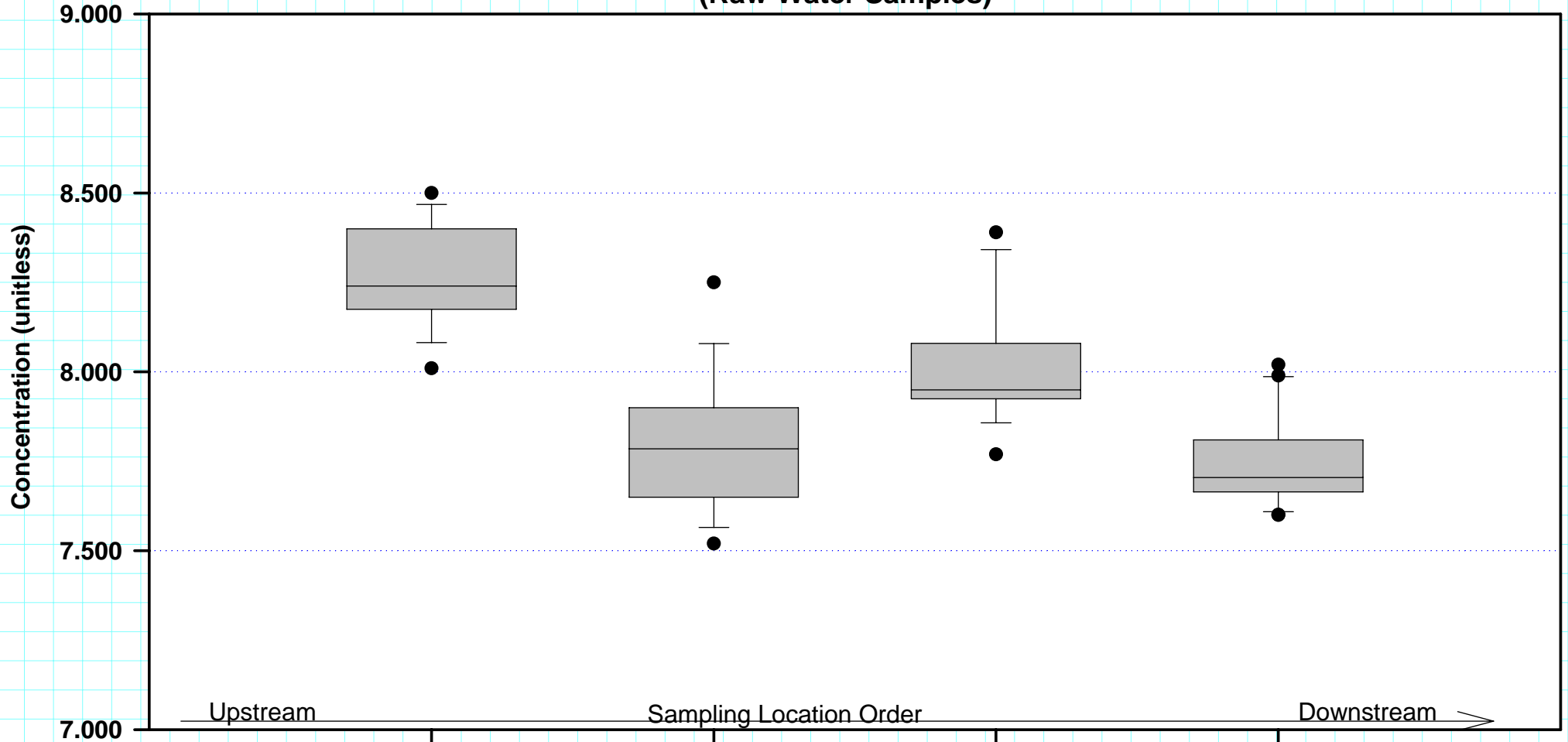


 E.coli Levels

PWQO (100 CFU/ 100 mL)

Sampling Locations

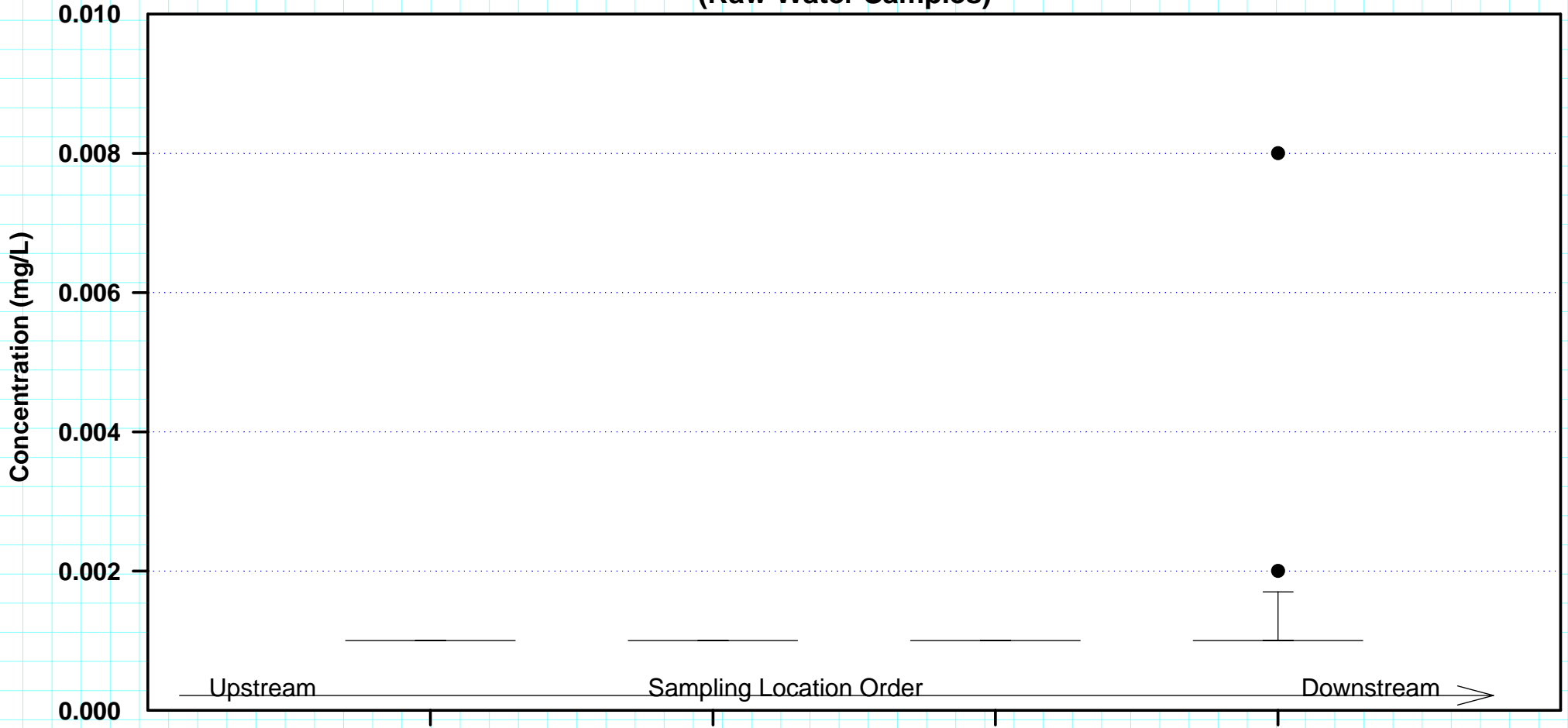
Rideau Lakes Subwatershed  
(RVCA Stations) - 2001-05  
(Raw Water Samples)



■ pH Levels

PWQO (6.5 to 8.5)

# Rideau Lakes Subwatershed (RVCA Stations) - 2001-05 (Raw Water Samples)



Westport Dam/Wes - 01

Adrains Creek/ADR - 01

Sheldons Creek/SHE - 01

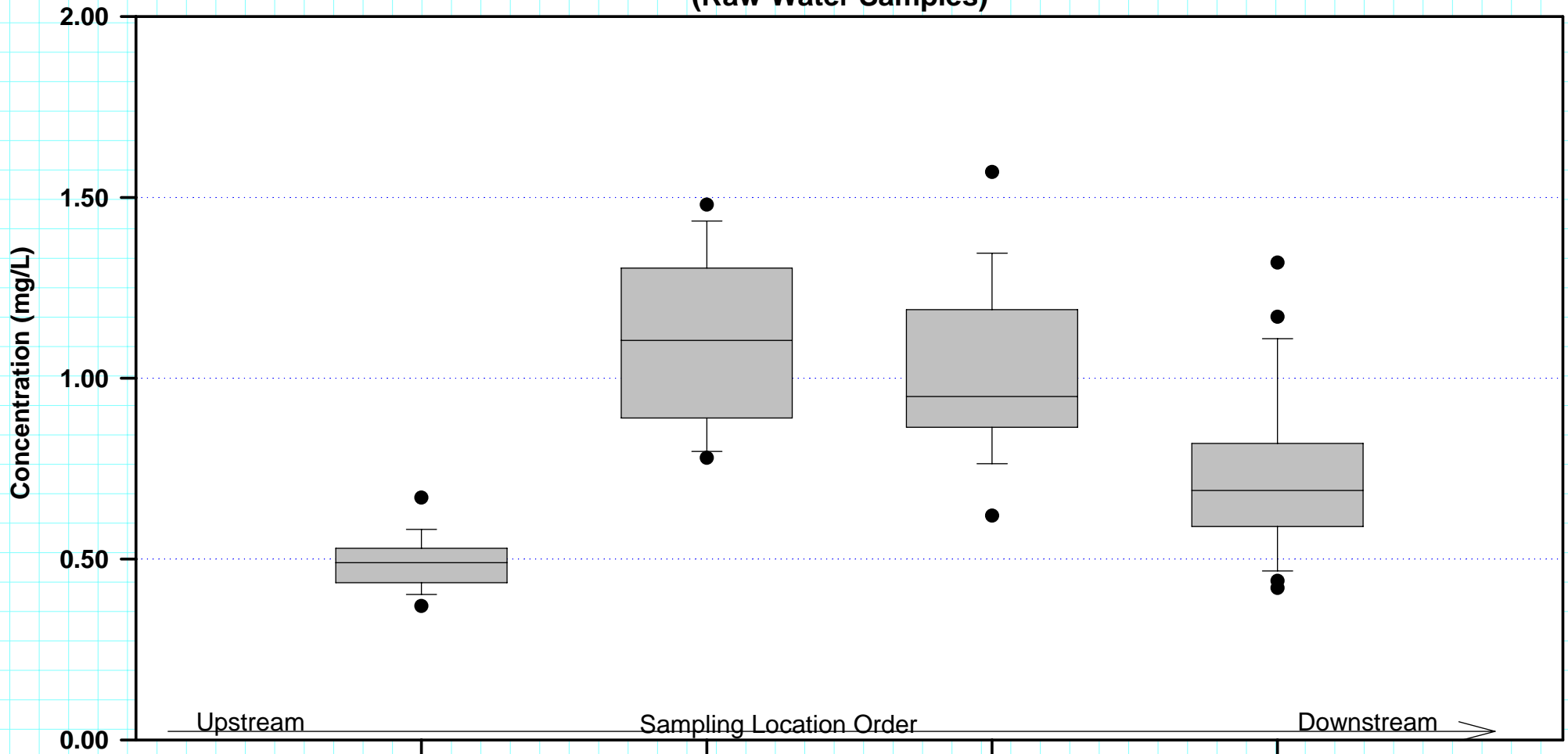
Black Creek/BLA - 01

## Sampling Locations

Lead Levels

The PWQO for lead varies from 0.005 mg/L to 0.025 mg/L depending upon alkalinity concentrations

Rideau Lakes Subwatershed  
(RVCA Stations) - 2001-05  
(Raw Water Samples)

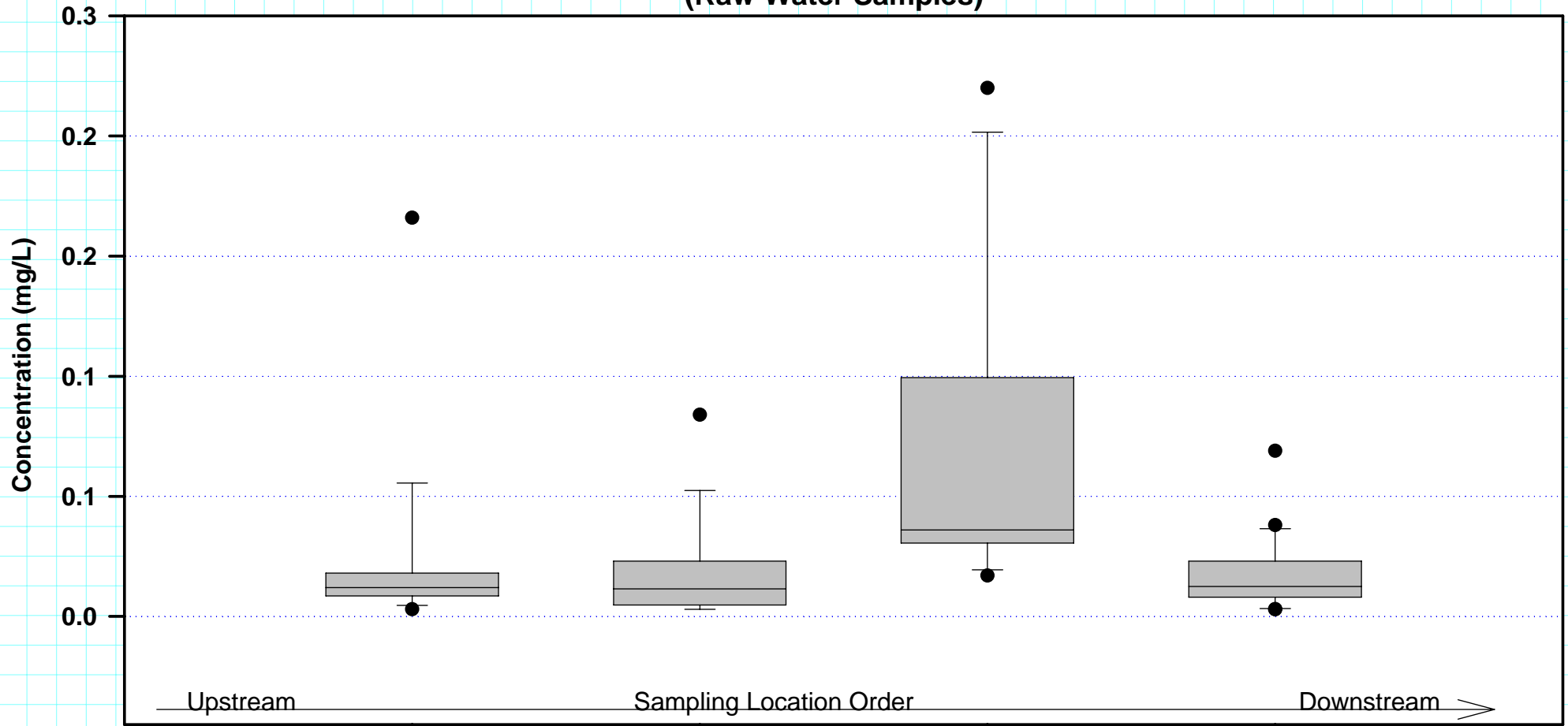


Total Kjeldahl Nitrogen (TKN) Levels

Sampling Locations

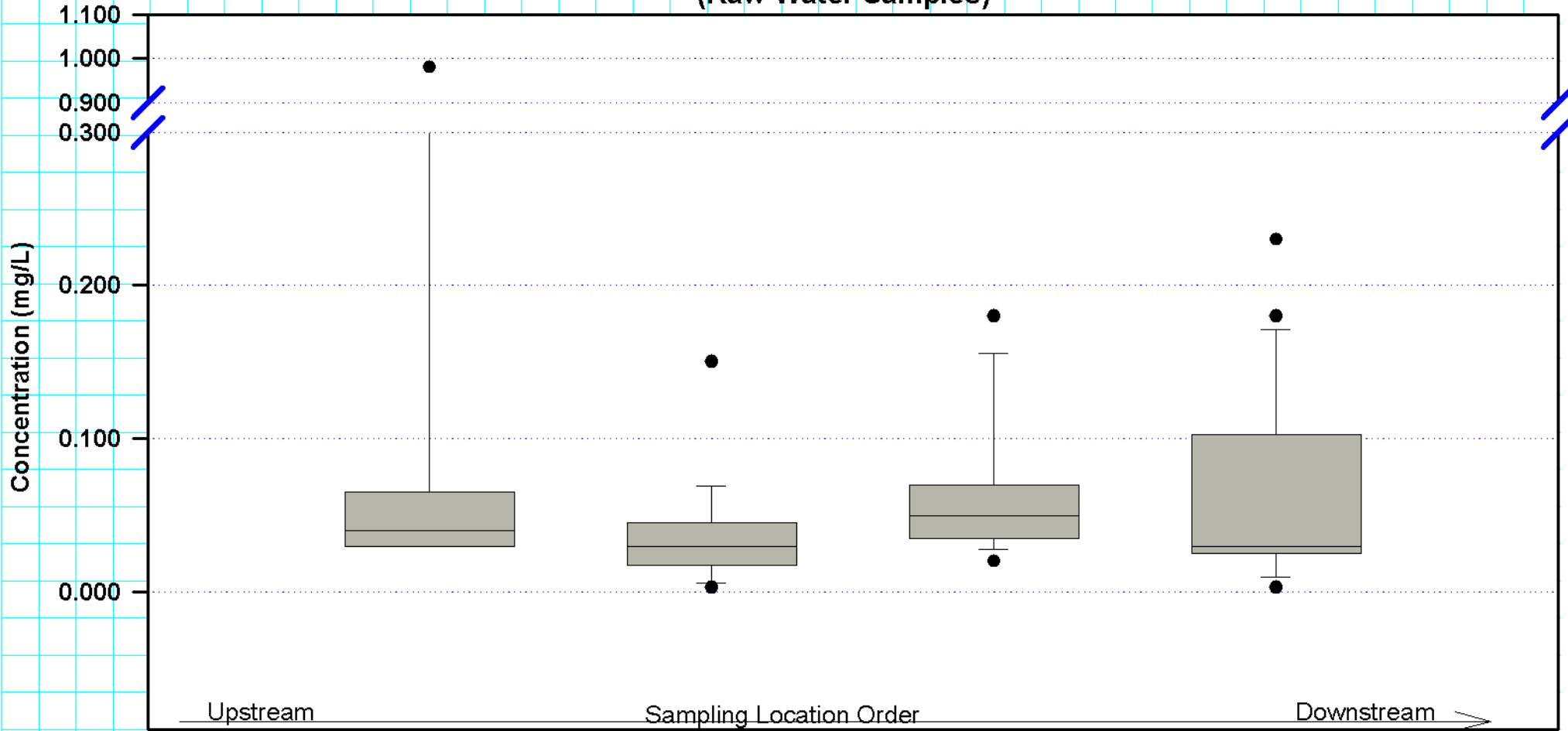
EC (0.5 mg/L)

Rideau Lakes Subwatershed  
(RVCA Stations) - 2001-05  
(Raw Water Samples)



Total Ammonia & Ammonium Levels

Rideau Lakes Subwatershed  
(RVCA Stations) - 2001-05  
(Raw Water Samples)

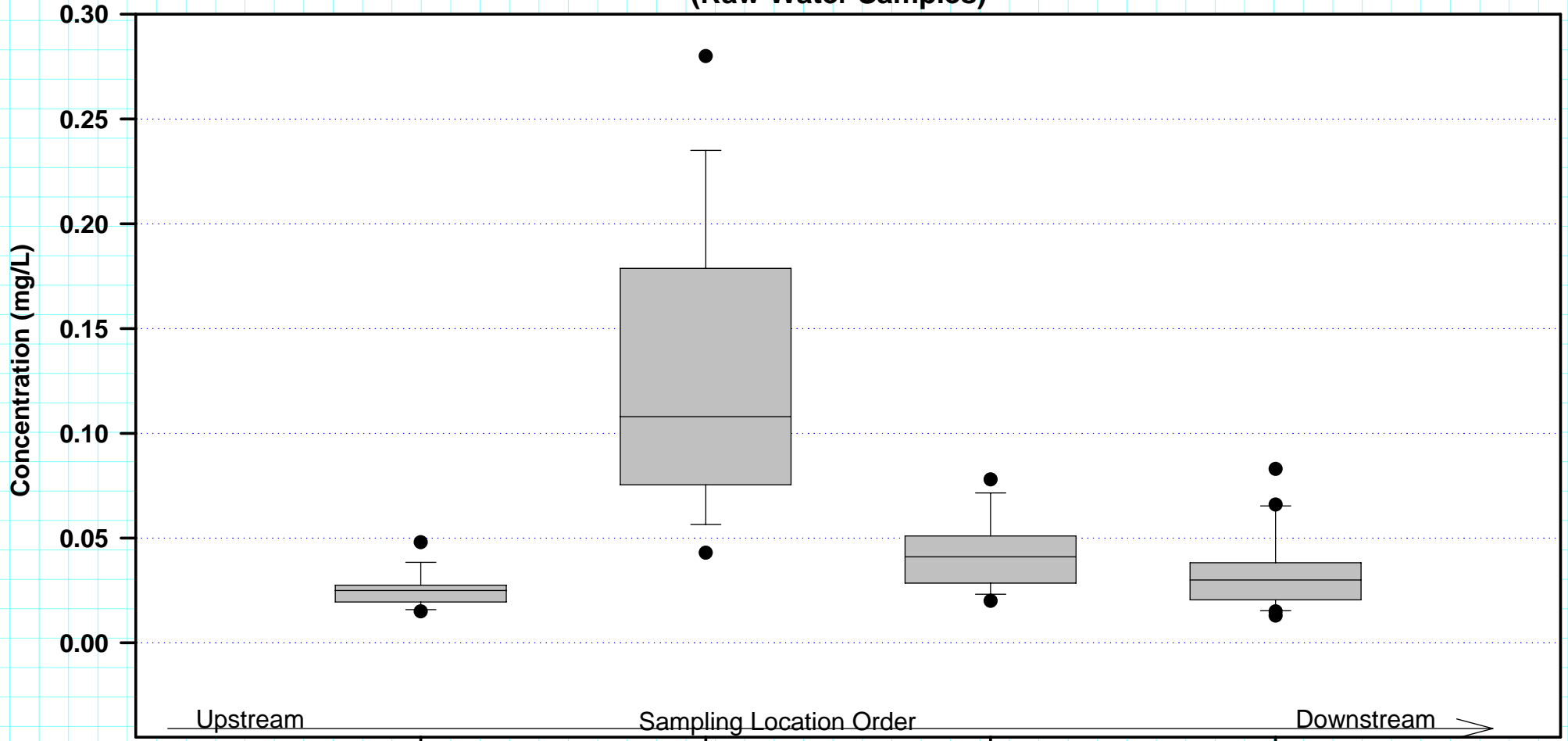


Total Nitrate and Nitrite Levels

Sampling Locations

ODWQS (MAC = 10.0 mg/L)

# Rideau Lakes Subwatershed (RVCA Stations) - 2001-05 (Raw Water Samples)

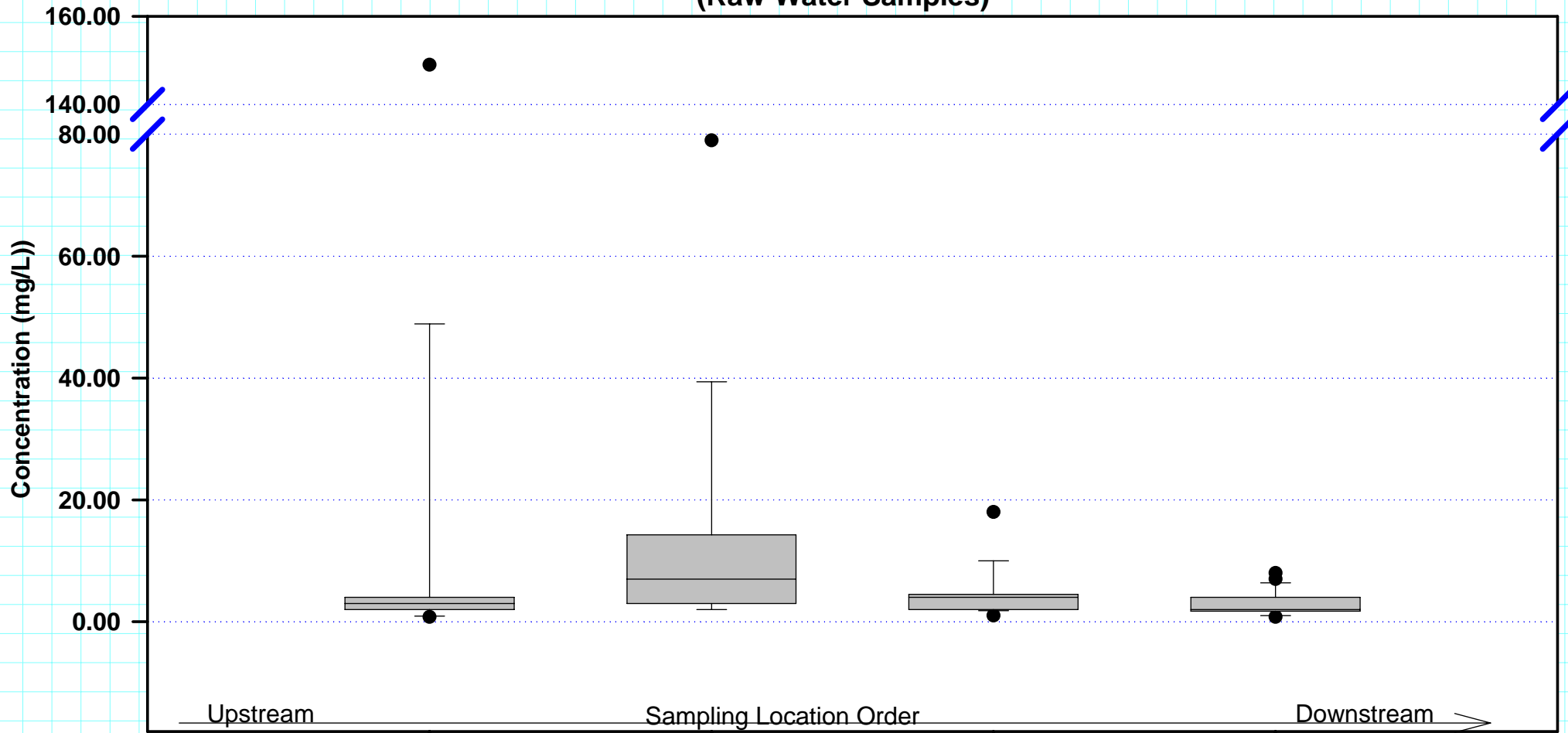



 Total Phosphorus Levels

Sampling Locations

PWQO (0.03 mg/L)

# Rideau Lakes Subwatershed (RVCA Stations) - 2001-05 (Raw Water Samples)



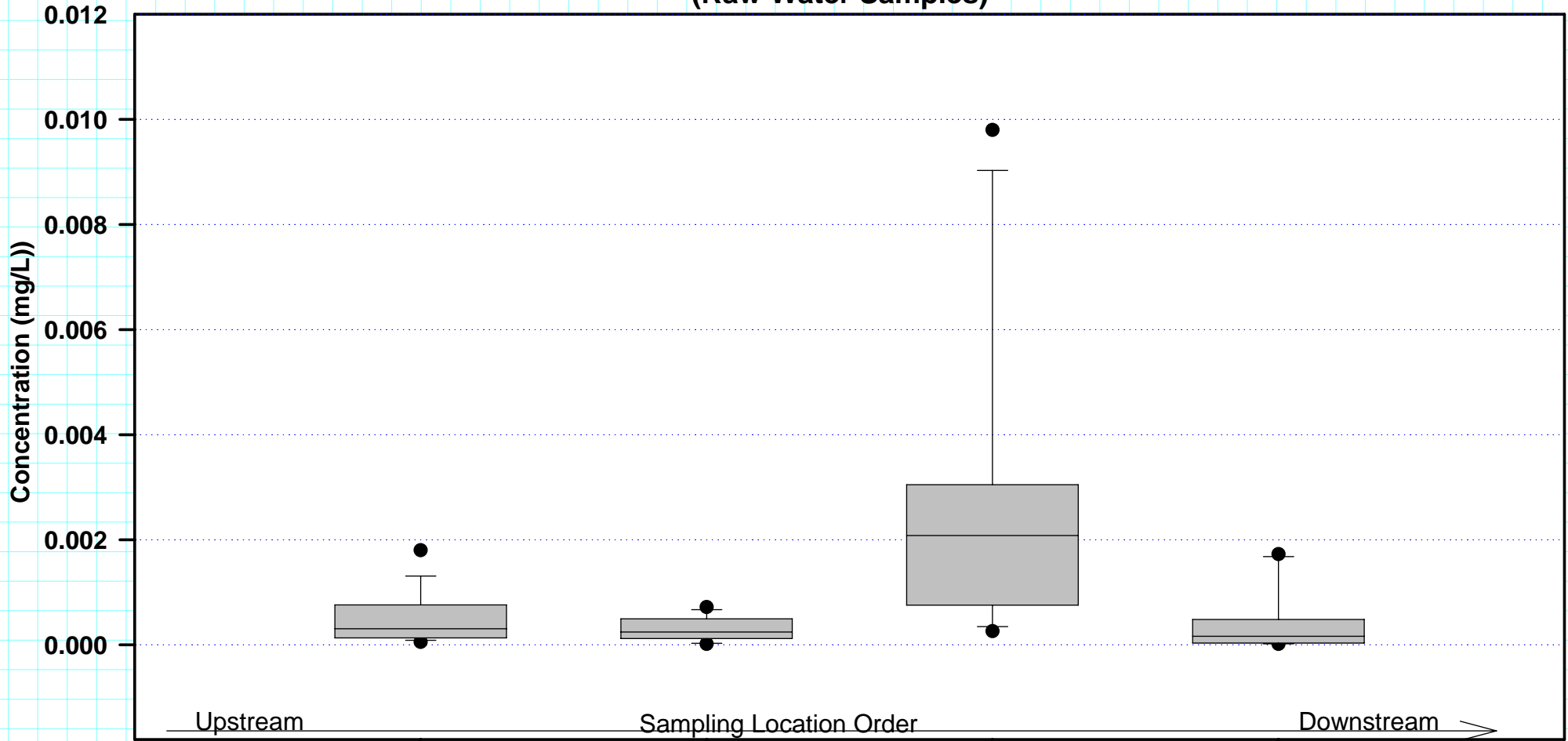
 Total Suspended Solids (TSS) Levels

Sampling Locations

CWQG (chap.4 = 10.0 mg/L)



Rideau Lakes Subwatershed  
(RVCA Stations) - 2001-05  
(Raw Water Samples)

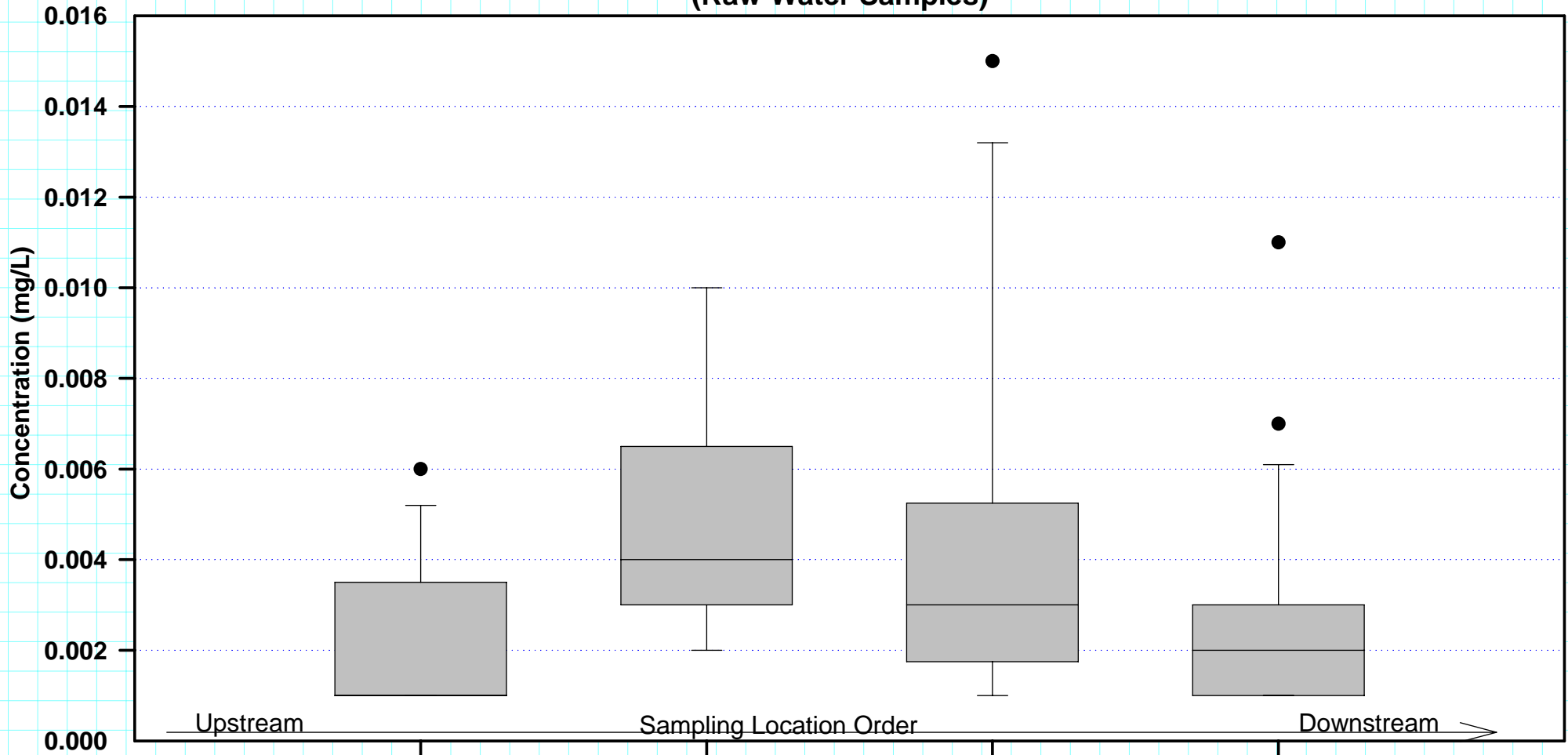


Un-ionized Ammonia Levels

Sampling Locations

PWQO (0.02 mg/L)

# Rideau Lakes Subwatershed (RVCA Stations) - 2001-05 (Raw Water Samples)

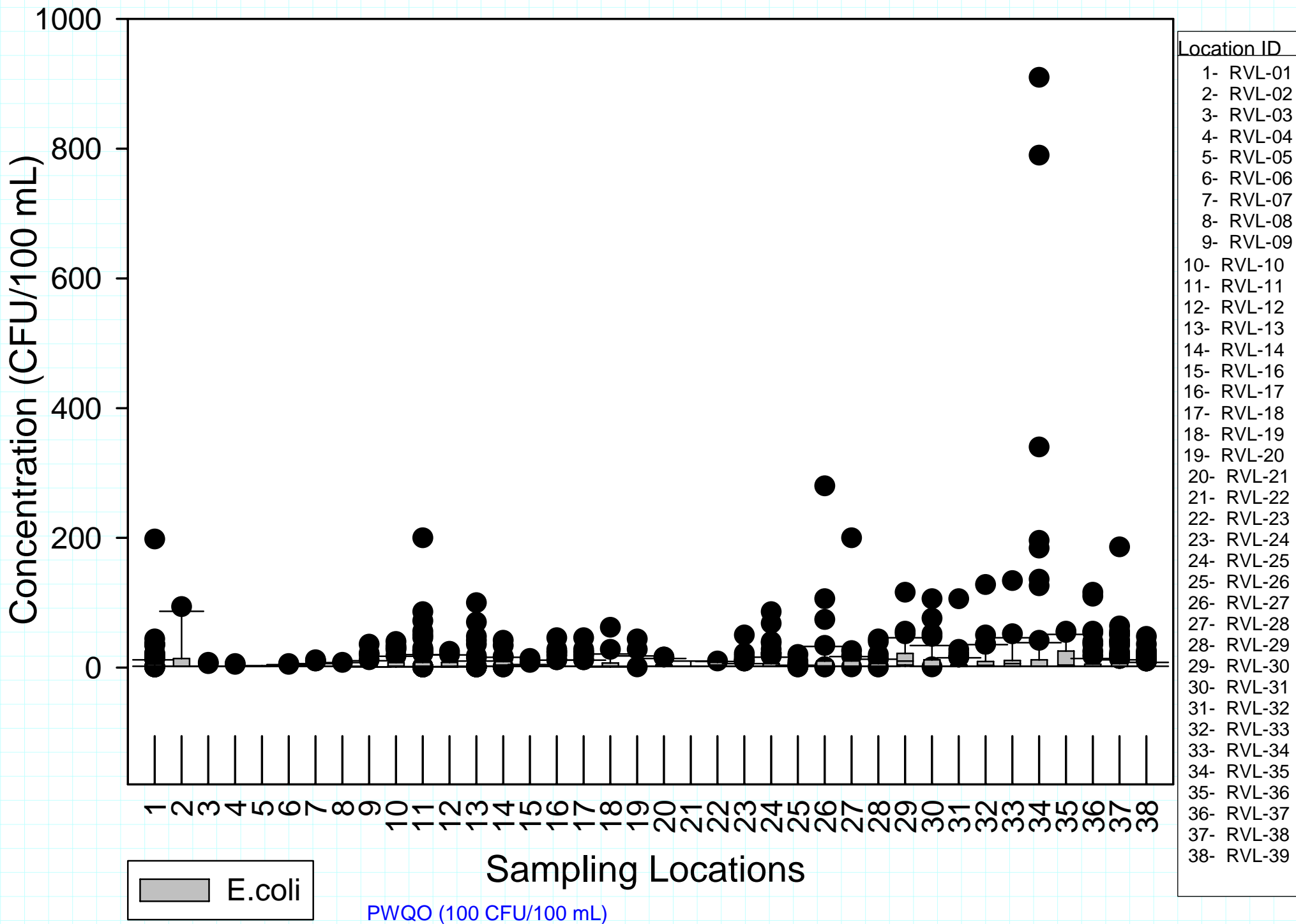


Zinc Levels

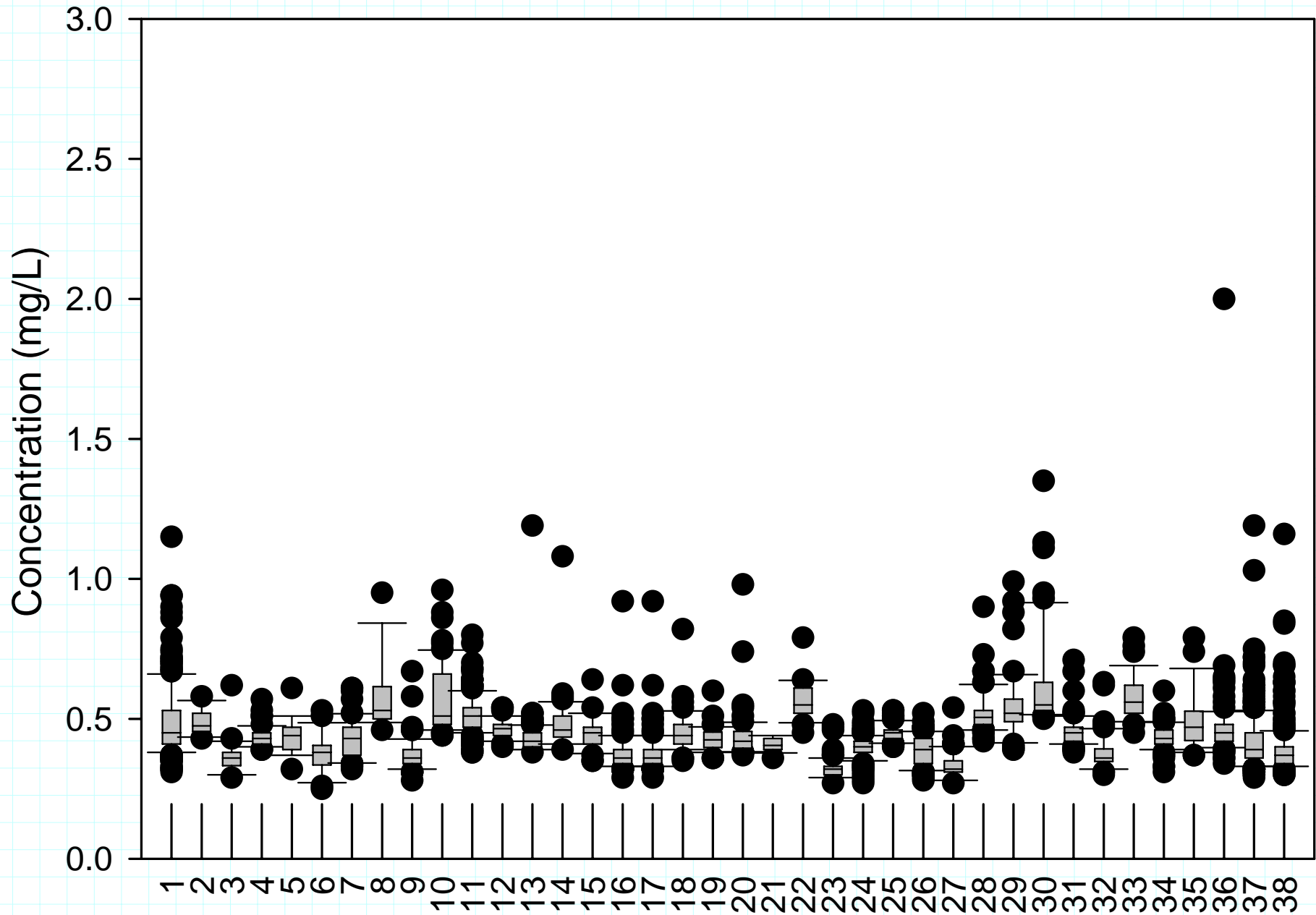
Sampling Locations

PWQO (0.02 mg/L)

# Watershed Watch (RVCA) 2001-05



# Watershed Watch (RVCA) 2001-05



Location ID	
1-	RVL-01
2-	RVL-02
3-	RVL-03
4-	RVL-04
5-	RVL-05
6-	RVL-06
7-	RVL-07
8-	RVL-08
9-	RVL-09
10-	RVL-10
11-	RVL-11
12-	RVL-12
13-	RVL-13
14-	RVL-14
15-	RVL-16
16-	RVL-17
17-	RVL-18
18-	RVL-19
19-	RVL-20
20-	RVL-21
21-	RVL-22
22-	RVL-23
23-	RVL-24
24-	RVL-25
25-	RVL-26
26-	RVL-27
27-	RVL-28
28-	RVL-29
29-	RVL-30
30-	RVL-31
31-	RVL-32
32-	RVL-33
33-	RVL-34
34-	RVL-35
35-	RVL-36
36-	RVL-37
37-	RVL-38
38-	RVL-39

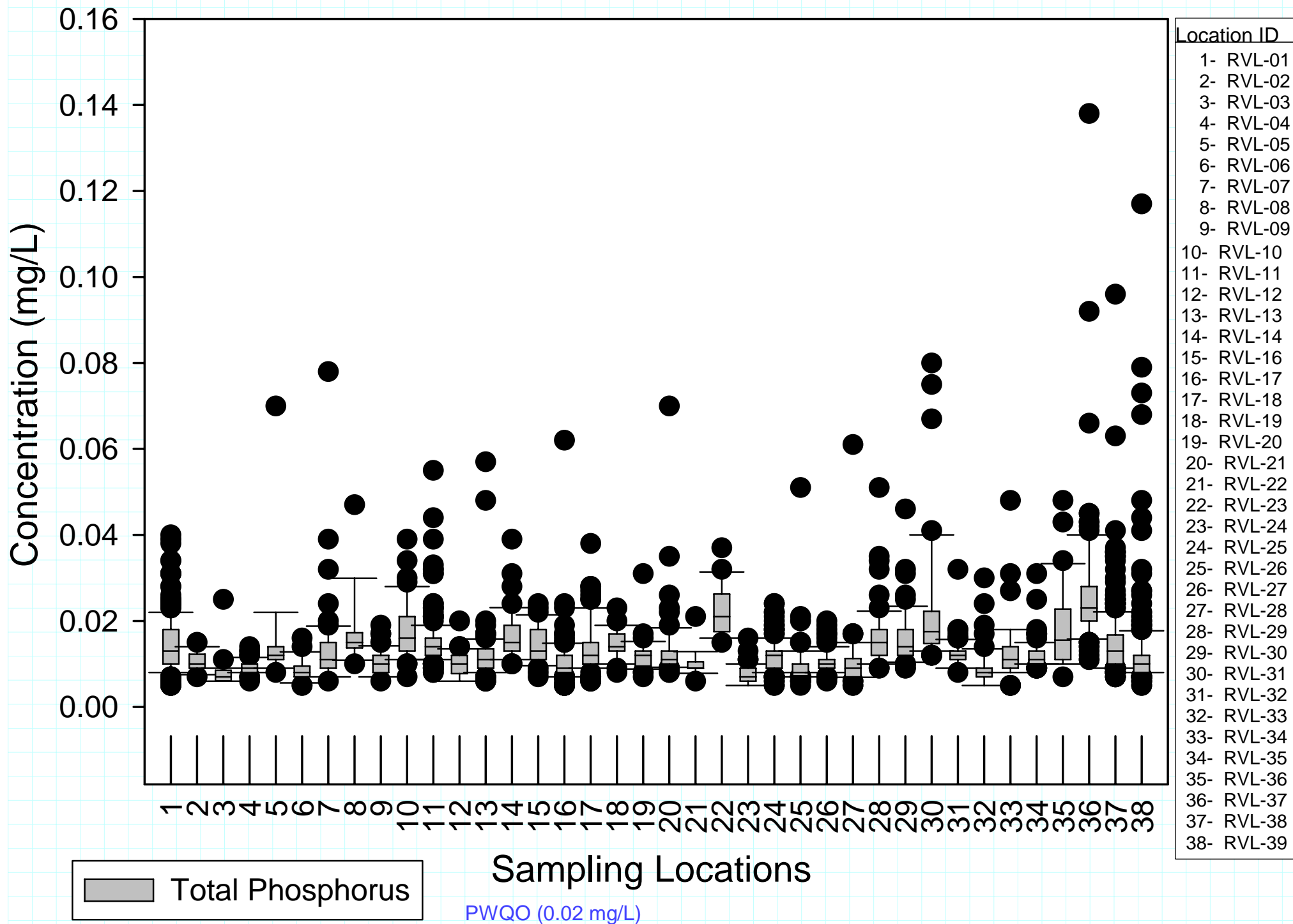
**TOTAL KJELDAHL NITROGEN**

**Sampling Locations**

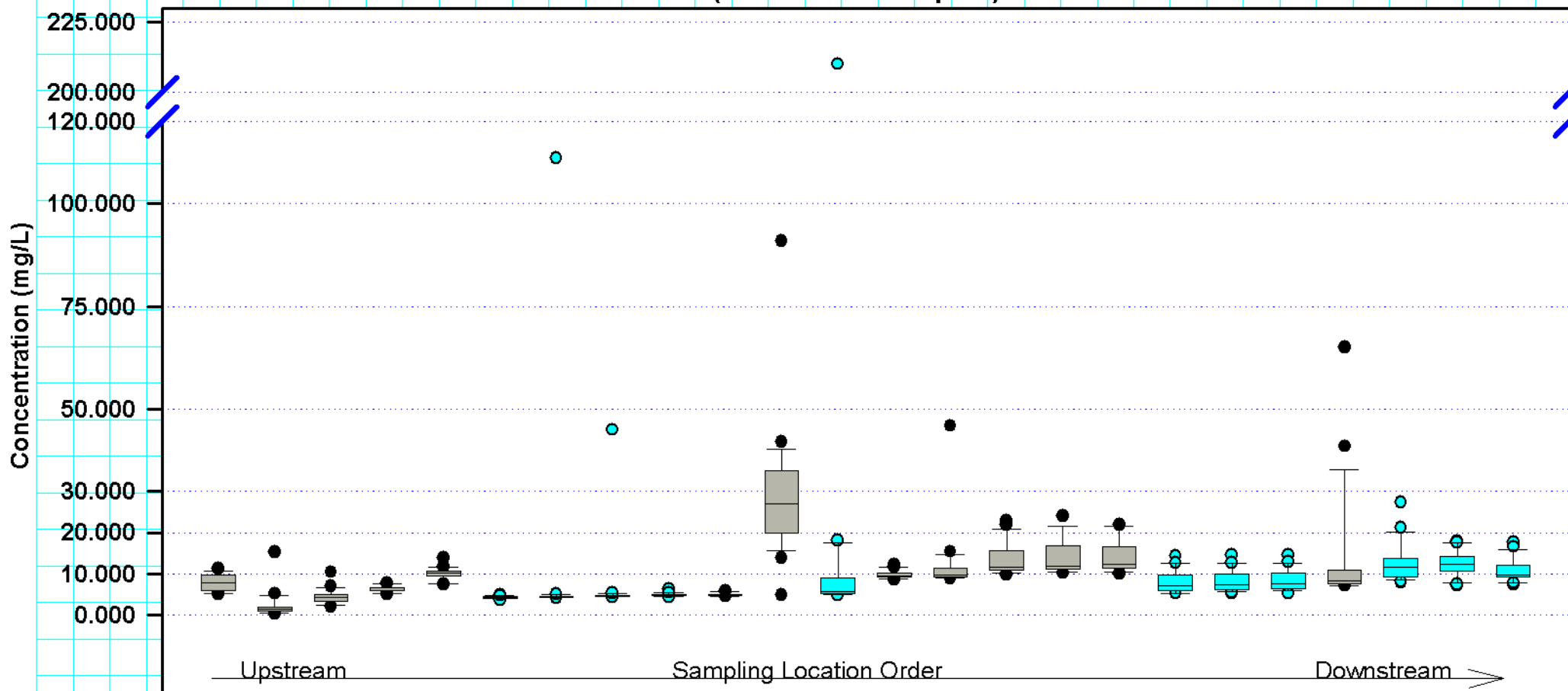
Number 36 location (RVL-37) has an outlier at 338 mg/L that is not on the Box Plot because it is out of range.

EC (0.5 mg/L)

# Watershed Watch (RVCA) 2001-05



### Tay River Subwatershed (PWQMN & RVCA Stations) - 2001-05 (Raw Water Samples)



Upstream Sampling Location Order Downstream >

Uens Creek/UEN-01  
 Stub Creek/STU-01  
 Fish Creek/FIS-03  
 Fish Creek/FIS-A  
 Eagle Creek/EAG-01  
 Tay River/18-0033-023-02  
 Tay River/Tay-16  
 Tay River/Tay-15  
 Tay River/Tay-09  
 Scotts Snye/SNY-03  
 Ruddsdale Creek/RUD-01  
 Grants Creek/Tay-05  
 Grants Creek/GRT-04  
 Grants Creek/GRT-03  
 Grants Creek/GRT-02  
 Grants Creek/GRT-05  
 Tay River/TAY-01  
 Tay River/TAY-04  
 Tay River/TAY-08  
 Tay River/TAY-19  
 Jebbs Creek/JEB-01  
 Tay River/18-0033-008-02  
 Tay River/TAY-11  
 Tay River/TAY-01

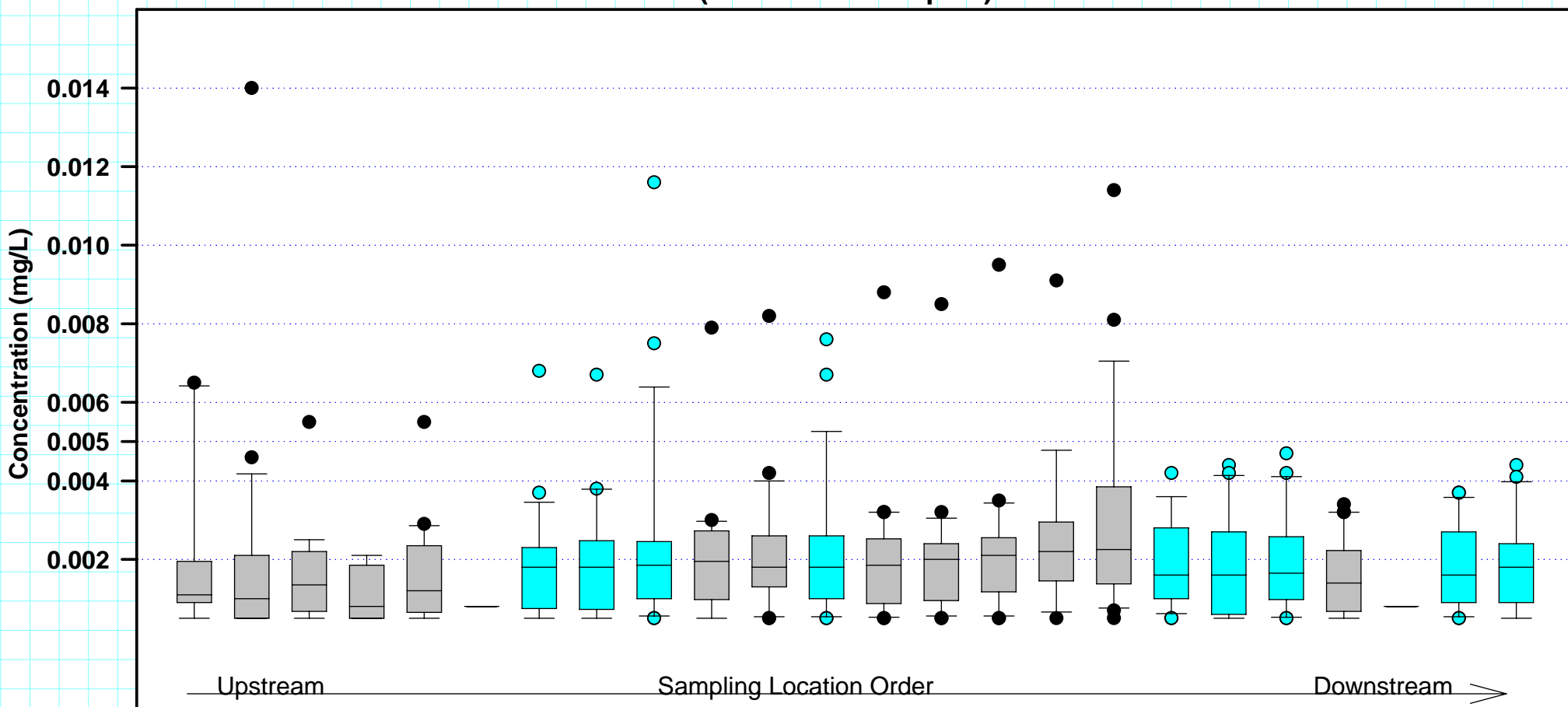
Chloride Levels  
 Chloride Levels (Main River)

Sampling Locations

Main River bolded & underlined on Sampling Location axis.

ODWSOG (AO = 250 mg/L)

## Tay River Subwatershed (PWQMN & RVCA Stations) - 2001-05 (Raw Water Samples)



Upstream Sampling Location Order Downstream ➤

Uens Creek/UEN-01   Stub Creek/STU-01   Fish Creek/FIS-03   Fish Creek/FIS-A   Eagle Creek/EAG-01   Tay River/18-0033-023-02   Tay River/Tay-16   Tay River/Tay-15   Tay River/Tay-09   Scotts Snye/SNY-03   Ruddsdale Creek/RUD-01   Tay River/Tay-05   Grants Creek/GRT-04   Grants Creek/GRT-03   Grants Creek/GRT-02   Grants Creek/GRT-05   Tay River/TAY-01   Tay River/TAY-04   Tay River/Tay-08   Tay River/TAY-19   Jebbs Creek/JEB-01   Tay River/18-0033-008-02   Tay River/TAY-11   Tay River/TAY-01

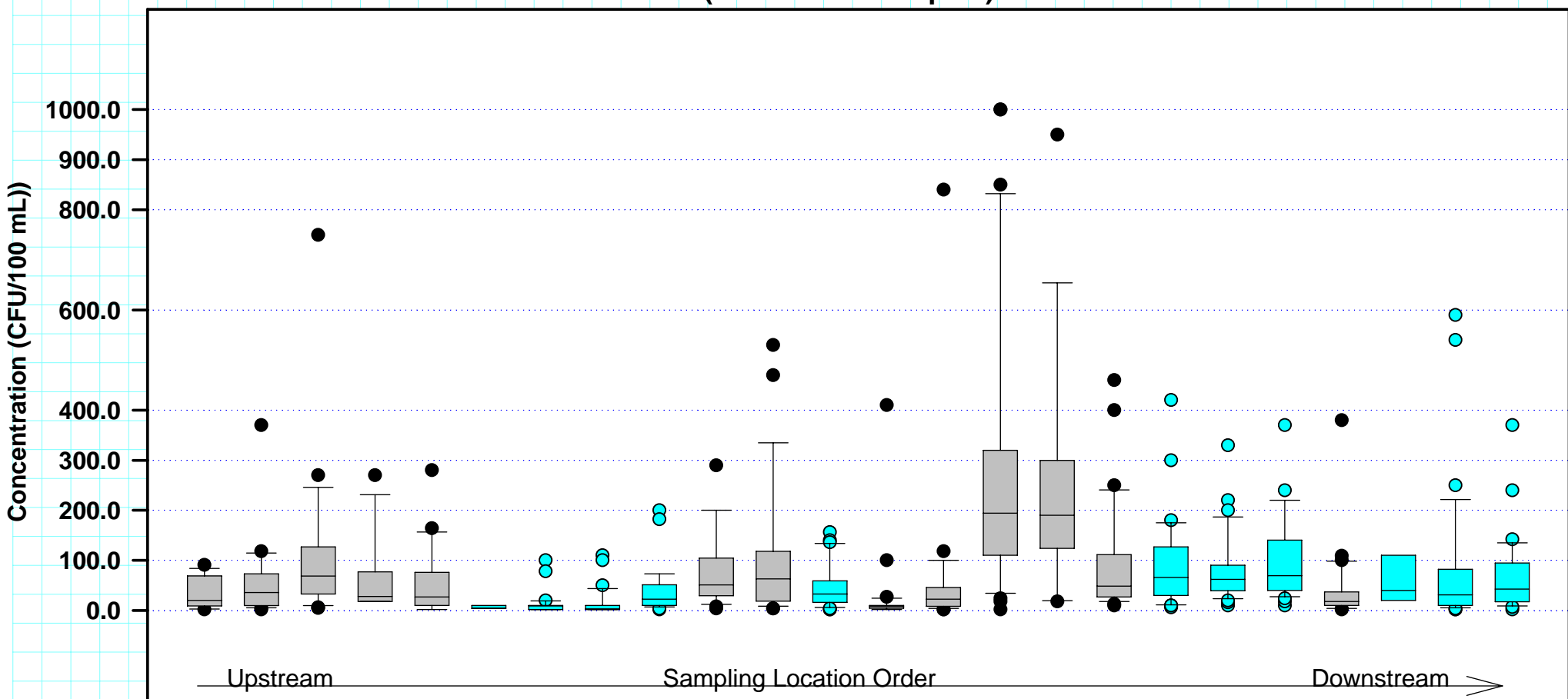
**Copper Levels**  
 **Copper Levels (Main River)**

**Sampling Locations**

Main River bolded & underlined on Sampling Location axis.

PWQO (0.005 mg/L)

### Tay River Subwatershed (PWQMN & RVCA Stations) - 2001-05 (Raw Water Samples)



Upstream Sampling Location Order Downstream ➤

Uens Creek/UEN-01   Stub Creek/STU-01   Fish Creek/FIS-03   Fish Creek/FIS-A   Eagle Creek/EAG-01   Tay River/18-0033-023-02   Tay River/Tay-16   Tay River/Tay-15   Tay River/Tay-09   Scotts Snye/SNY-03   Ruddsdale Creek/RUD-01   Tay River/Tay-05   Grants Creek/GRT-04   Grants Creek/GRT-03   Grants Creek/GRT-02   Grants Creek/GRT-05   Tay River/TAY-01   Tay River/TAY-04   Tay River/Tay-08   Tay River/TAY-19   Jebbs Creek/JEB-01   Tay River/18-0033-008-02   Tay River/TAY-11   Tay River/TAY-01

E.coli Levels  
 E.coli Levels(Main River)

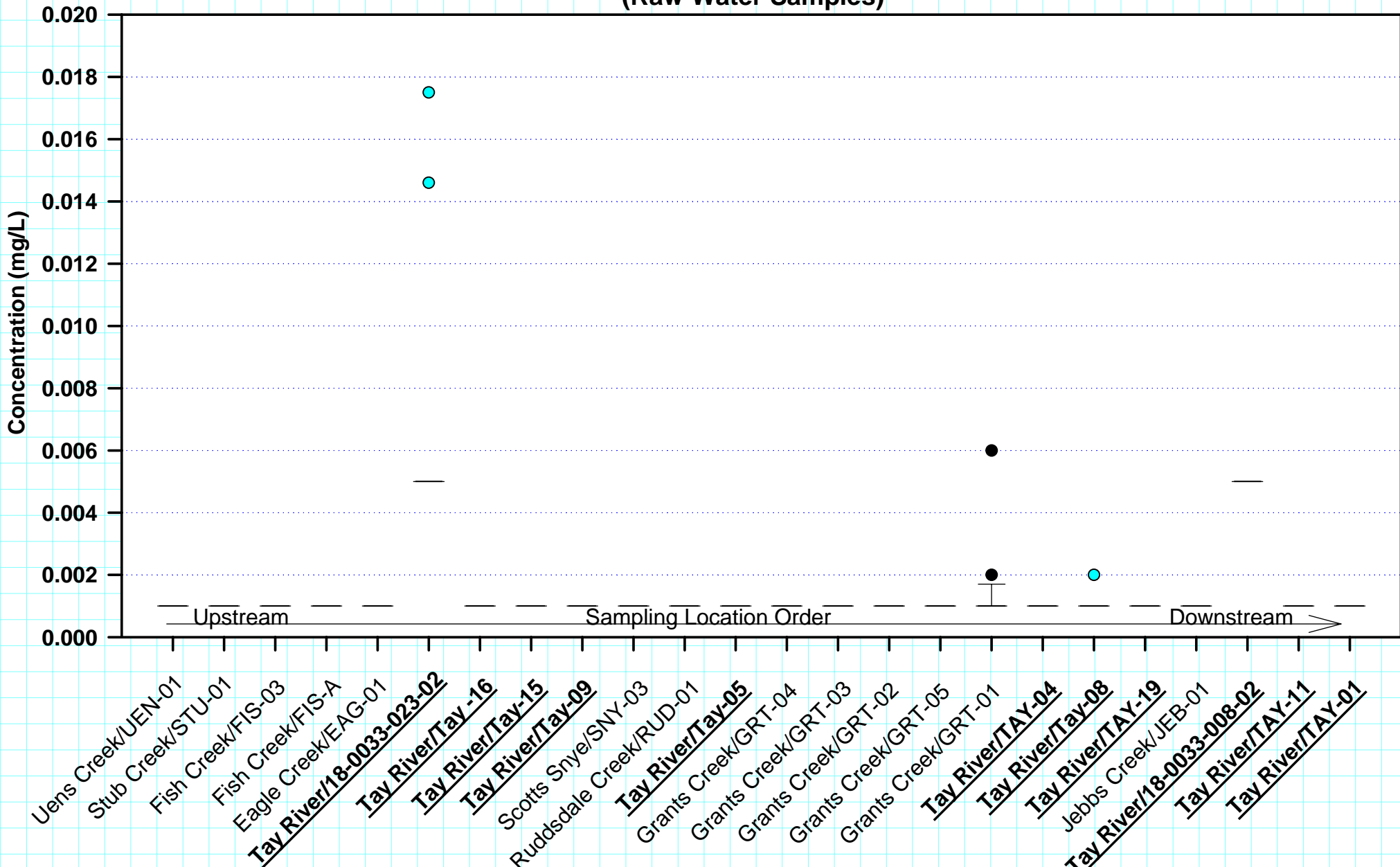
Sampling Locations

Main River bolded & underlined on Sampling Location axis.

PWQO (100 CFU/100 mL)



### Tay River Subwatershed (PWQMN & RVCA Stations) - 2001-05 (Raw Water Samples)



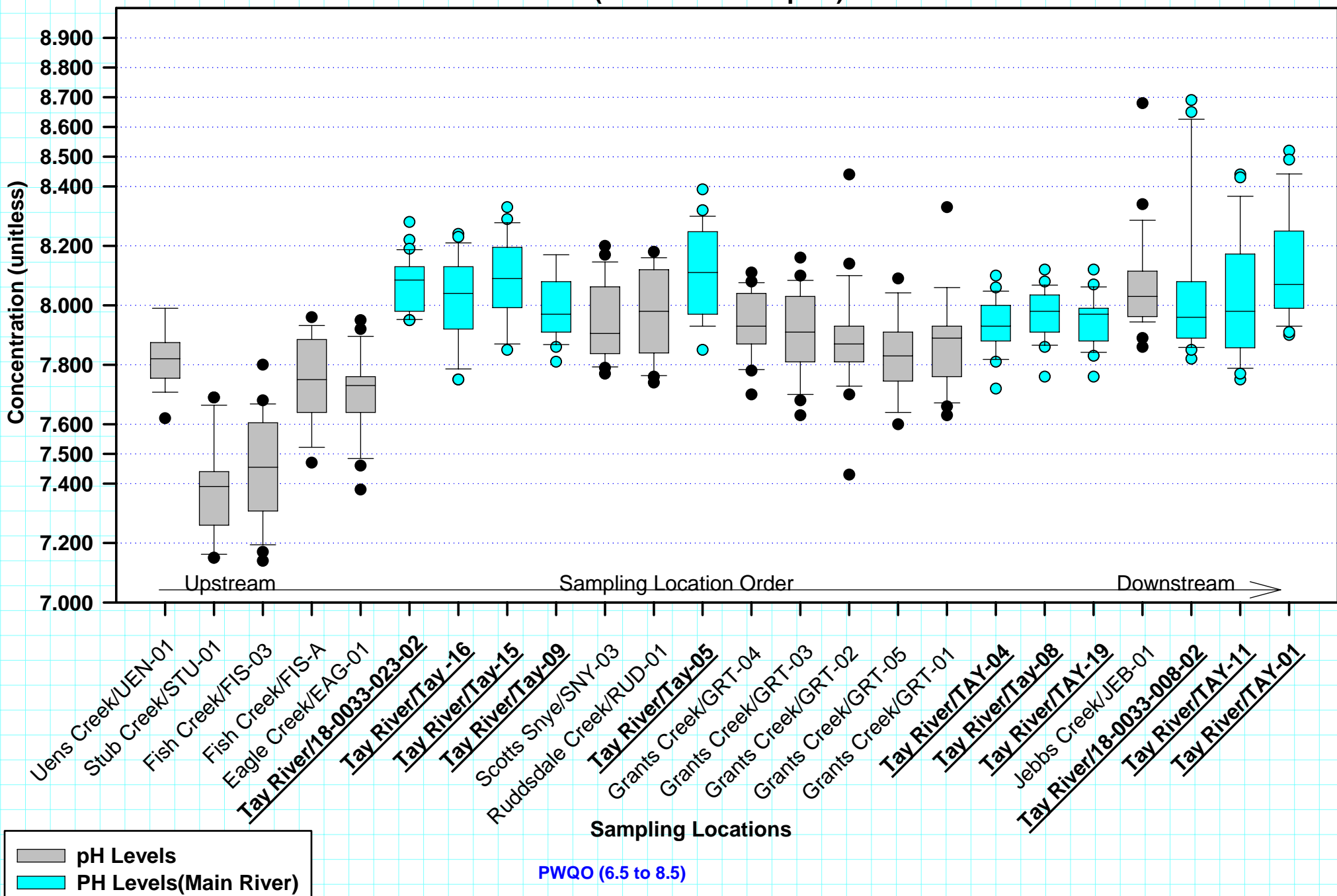
Lead Levels  
 Lead Levels(Main River)

**Sampling Locations**

The PWQO for lead varies from 0.005 mg/L to 0.025mg/L depending upon alkalinity concentrations.

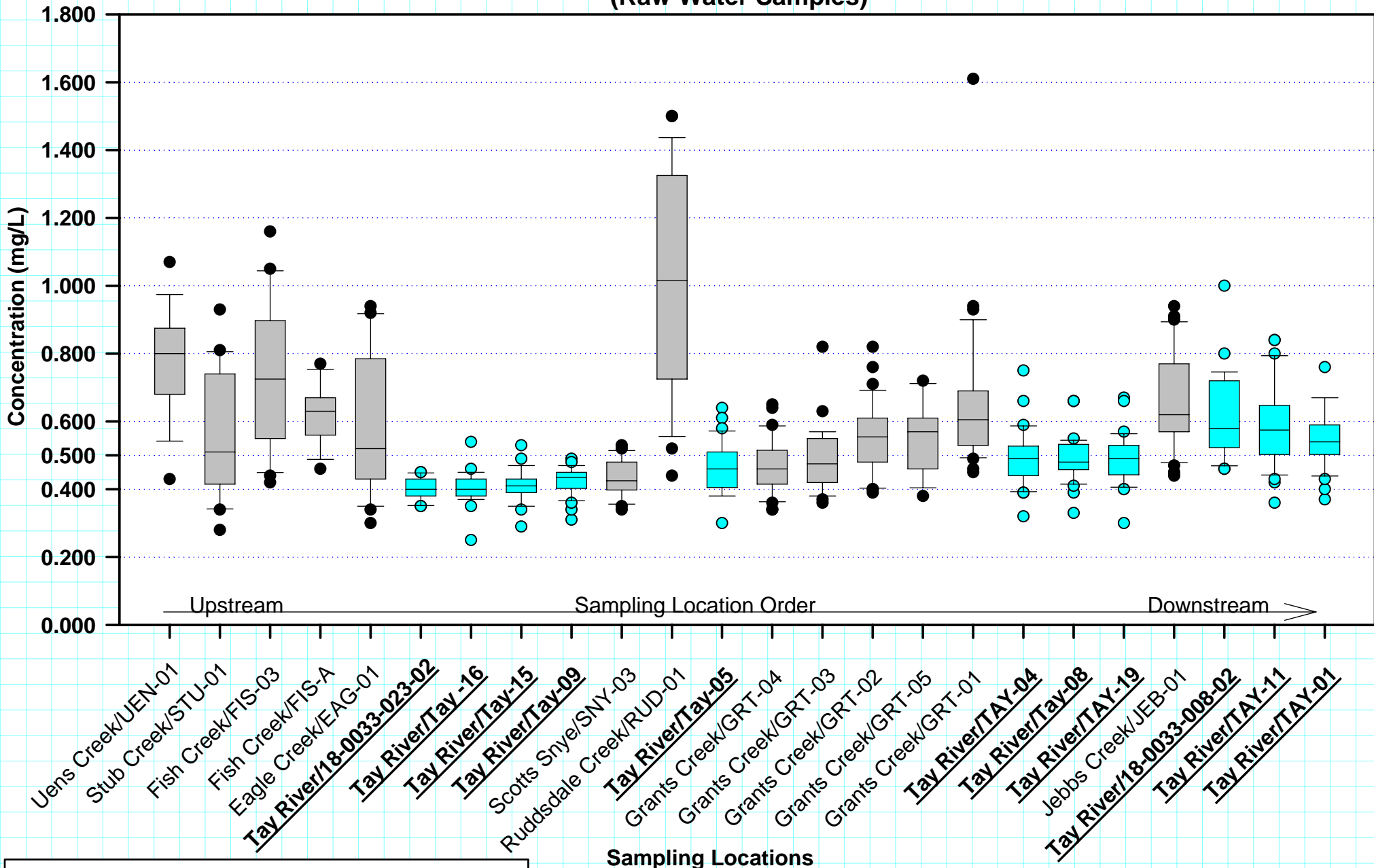
**Main River** bolded & underlined on **Sampling Location** axis.

# Tay River Subwatershed (PWQMN & RVCA Stations) - 2001-05 (Raw Water Samples)



Main River bolded & underlined on Sampling Location axis.

## Tay River Subwatershed (PWQMN & RVCA Stations) - 2001-05 (Raw Water Samples)

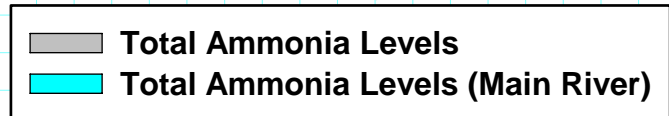
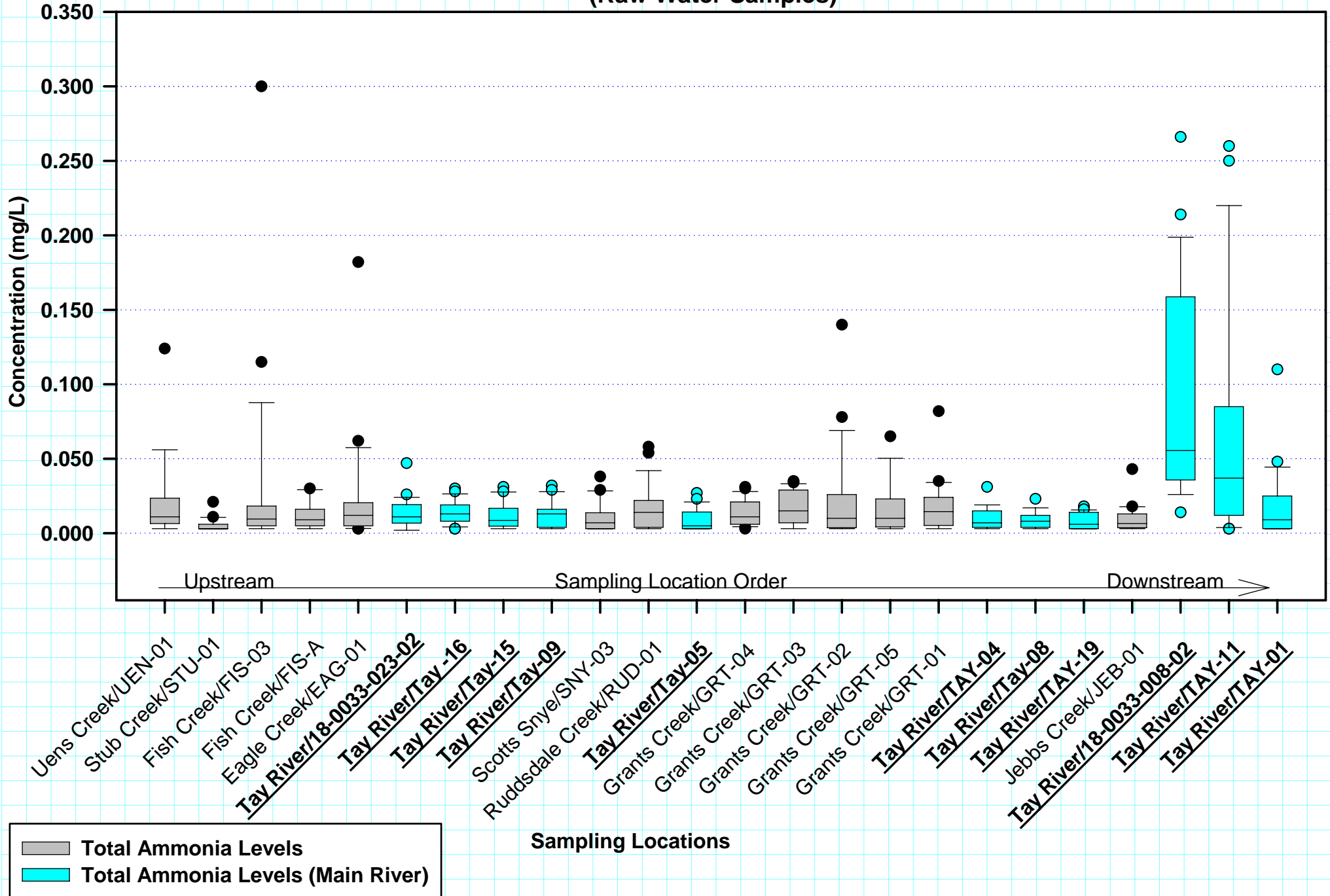


Total Kjeldahl Nitrogen Levels  
 Total Kjeldahl Nitrogen Levels(Main River)

EC (0.5 mg/L)

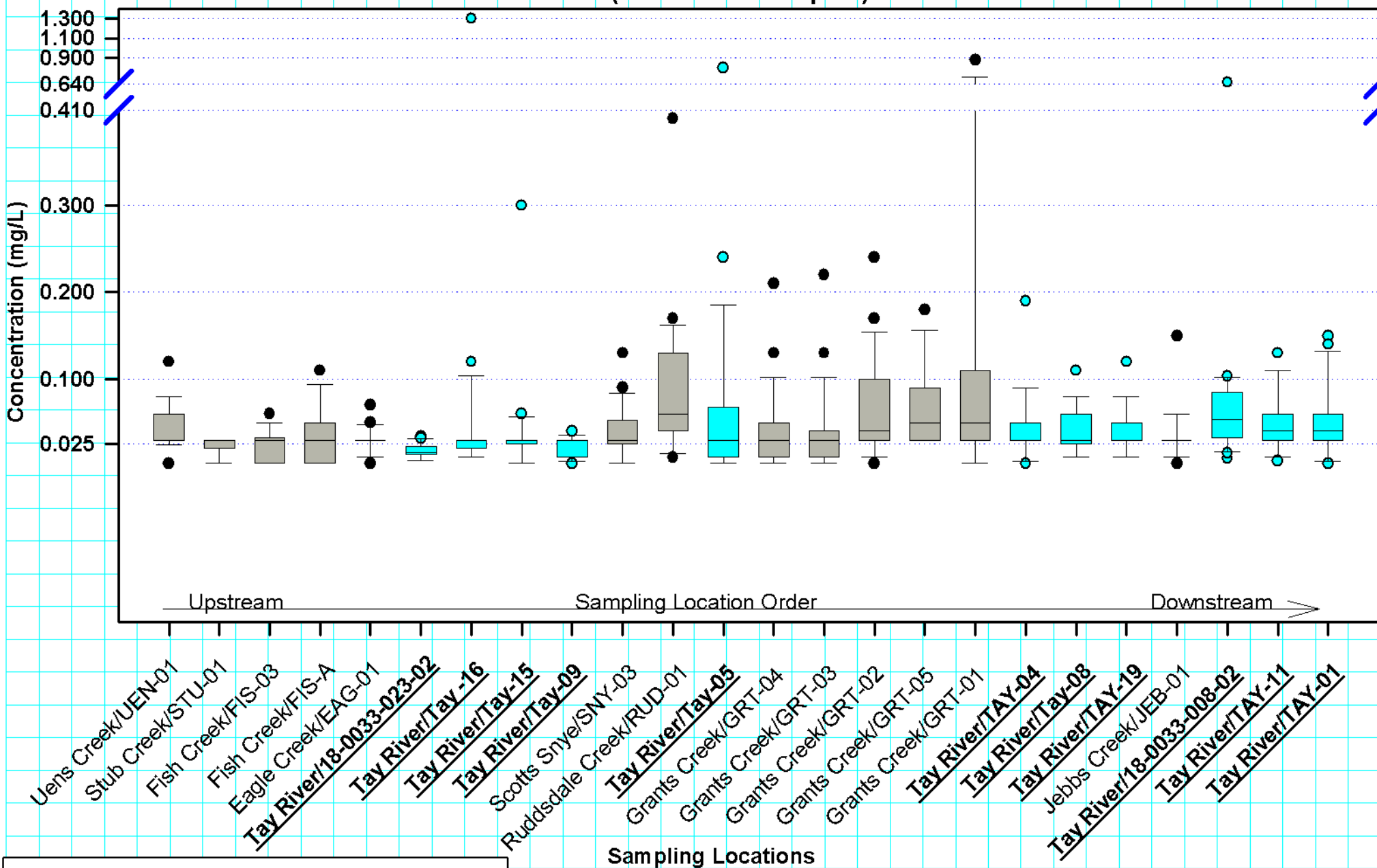
**Main River** bolded & underlined on **Sampling Location** axis.

Tay River Subwatershed  
(PWQMN & RVCA Stations) - 2001-05  
(Raw Water Samples)



Main River bolded & underlined on Sampling Location axis.

### Tay River Subwatershed (PWQMN & RVCA Stations) - 2001-05 (Raw Water Samples)

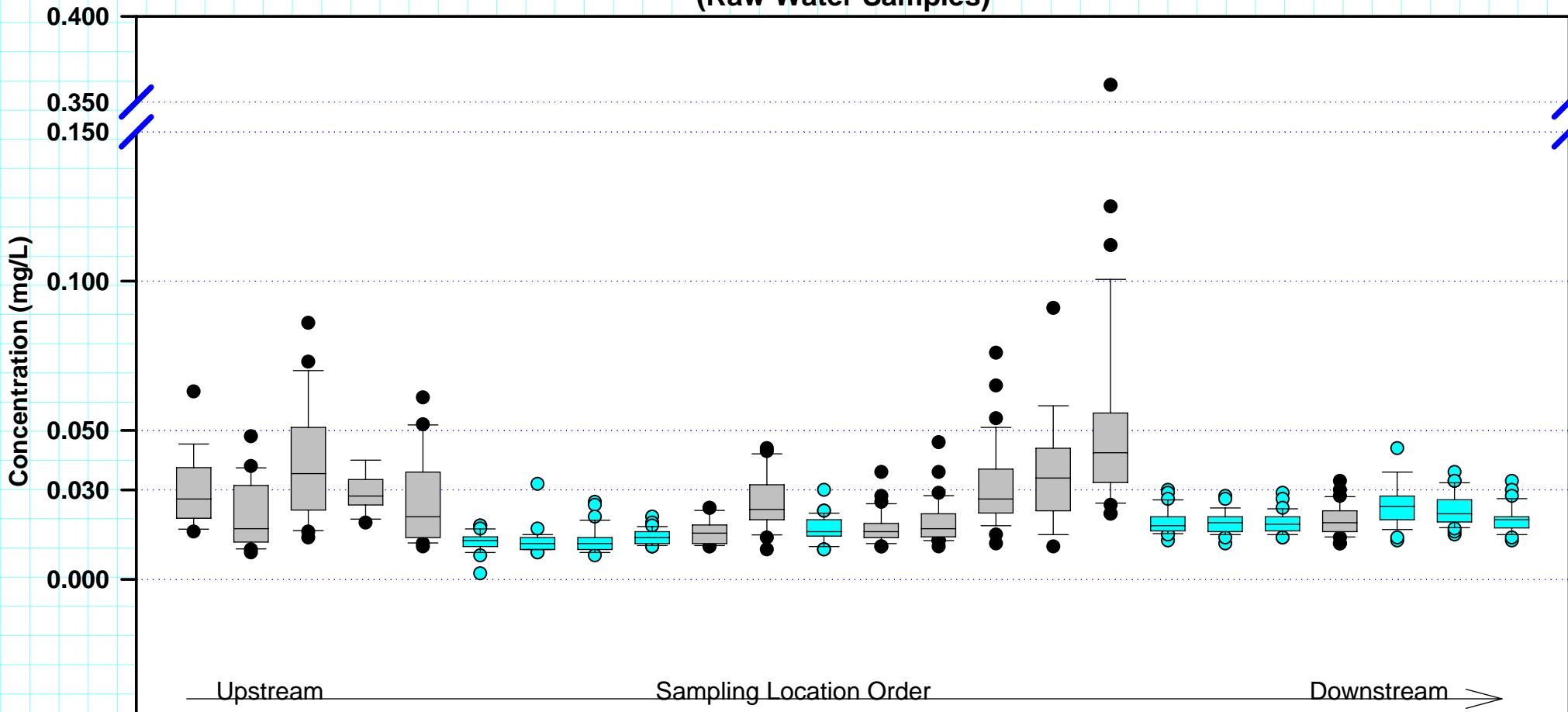


Total Nitrate & Nitrite Levels  
 Total Nitrate & Nitrite Levels(Main River)

ODWQS (MAC = 10 mg/L)

Main River bolded & underlined on Sampling Location axis.

# Tay River Subwatershed (PWQMN & RVCA Stations) - 2001-05 (Raw Water Samples)



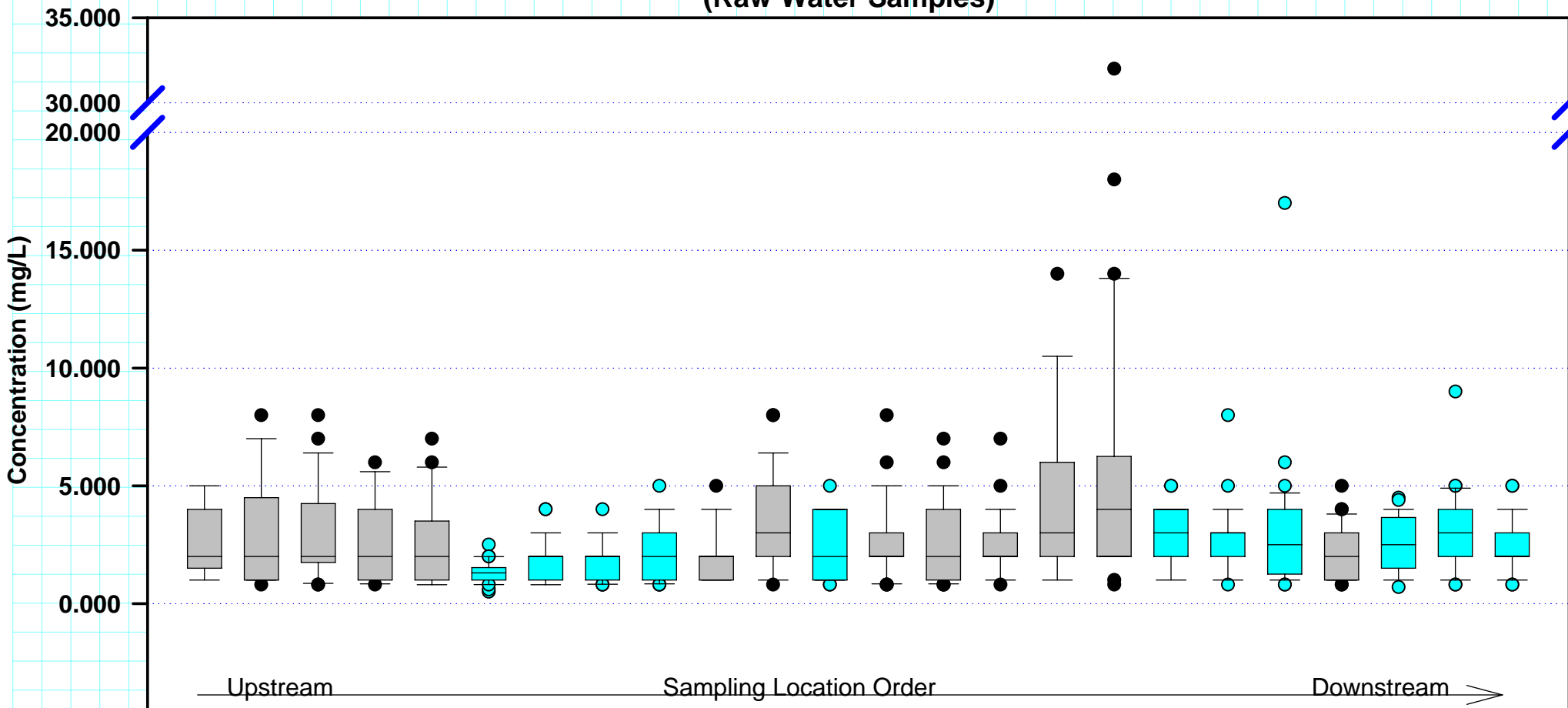
Uens Creek/UEN-01  
 Stub Creek/STU-01  
 Fish Creek/FIS-03  
 Fish Creek/FIS-A  
 Eagle Creek/EAG-01  
**Tay River/18-0033-023-02**  
**Tay River/Tay-16**  
**Tay River/Tay-15**  
Scotts Snye/SNY-03  
Ruddsdale Creek/RUD-01  
**Tay River/Tay-05**  
Grants Creek/GRT-04  
Grants Creek/GRT-03  
Grants Creek/GRT-02  
Grants Creek/GRT-05  
**Tay River/TAY-04**  
**Tay River/Tay-08**  
Jebbs Creek/JEB-01  
**Tay River/18-0033-008-02**  
**Tay River/TAY-11**  
**Tay River/TAY-01**

Total Phosphorus Levels  
 Total Phosphorus Levels(Main River)

PWQO (0.03 mg/L)

Main River bolded & underlined on **Sampling Location** axis.

# Tay River Subwatershed (PWQMN & RVCA Stations) - 2001-05 (Raw Water Samples)



Upstream Sampling Location Order Downstream >

Uens Creek/UEN-01   Stub Creek/STU-01   Fish Creek/FIS-03   Fish Creek/FIS-A   Eagle Creek/EAG-01   Tay River/18-0033-023-02   Tay River/Tay-16   Tay River/Tay-15   Tay River/Tay-09   Scotts Snye/SNY-03   Ruddsdale Creek/RUD-01   Tay River/Tay-05   Grants Creek/GRT-04   Grants Creek/GRT-03   Grants Creek/GRT-02   Grants Creek/GRT-05   Tay River/TAY-01   Tay River/Tay-04   Tay River/Tay-08   Tay River/TAY-19   Jebbs Creek/JEB-01   Tay River/18-0033-008-02   Tay River/TAY-11   Tay River/TAY-01

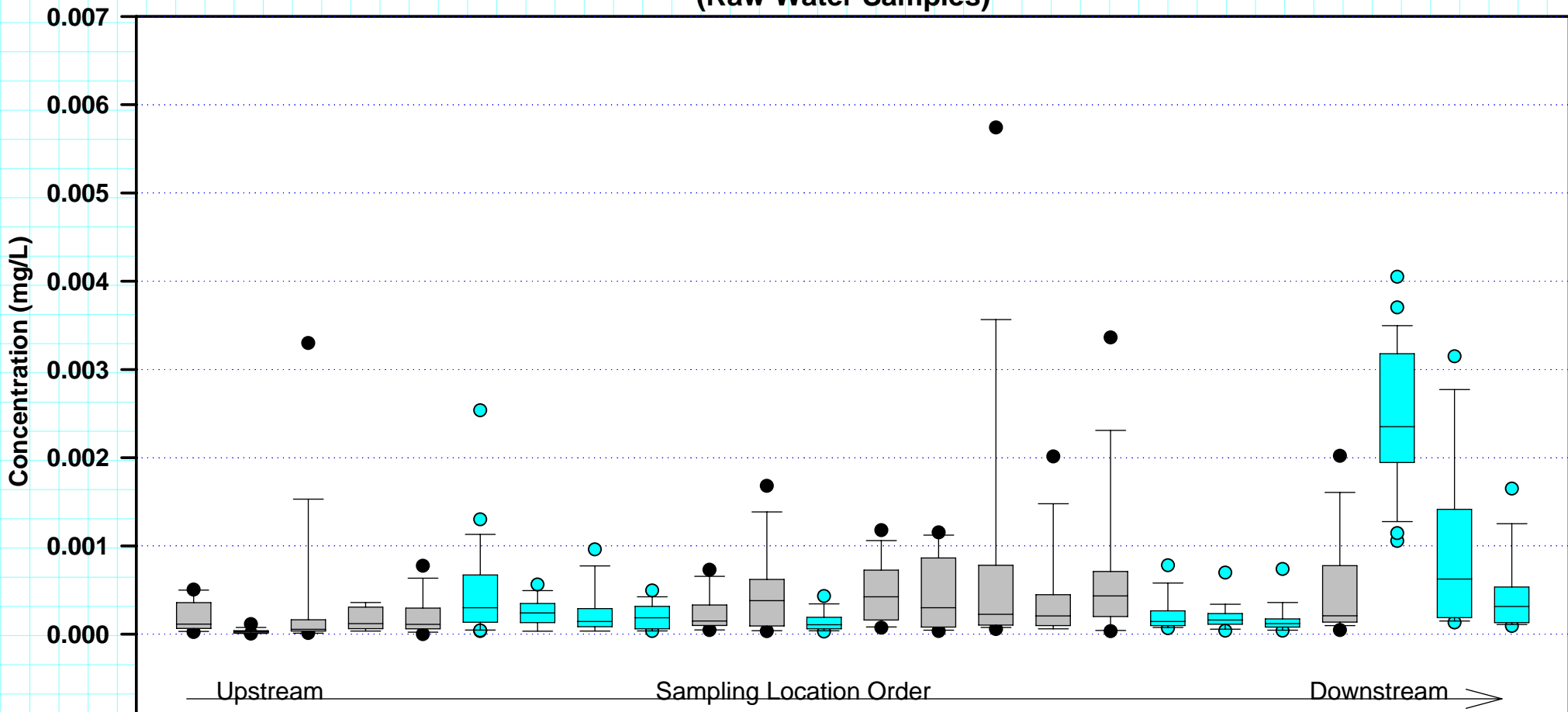
Total Suspended Solids Levels  
 Total Suspended Solids Levels(Main River)

**Main River** bolded & underlined on **Sampling Location** axis.

CWQG (Chap. 4 = 10.0 mg/L)

Sampling result from 24-Jun-05 at Grants Creek/GRT-01 of 760 mg/L was omitted from the graph because it was out of the concentration range.

# Tay River Subwatershed (PWQMN & RVCA Stations) - 2001-05 (Raw Water Samples)



Upstream Sampling Location Order Downstream >

**Sampling Locations**

Uens Creek/UEN-01  
Stub Creek/STU-01  
Fish Creek/FIS-03  
Fish Creek/FIS-A  
Eagle Creek/EAG-01  
**Tay River/18-0033-023-02**  
**Tay River/Tay-16**  
**Tay River/Tay-15**  
Scotts Snye/SNY-03  
Ruddsdale Creek/RUD-01  
**Tay River/Tay-05**  
Grants Creek/GRT-04  
Grants Creek/GRT-03  
Grants Creek/GRT-02  
Grants Creek/GRT-05  
**Tay River/TAY-04**  
**Tay River/TAY-08**  
**Tay River/TAY-19**  
Jebbs Creek/JEB-01  
**Tay River/18-0033-008-02**  
**Tay River/TAY-11**  
**Tay River/TAY-01**

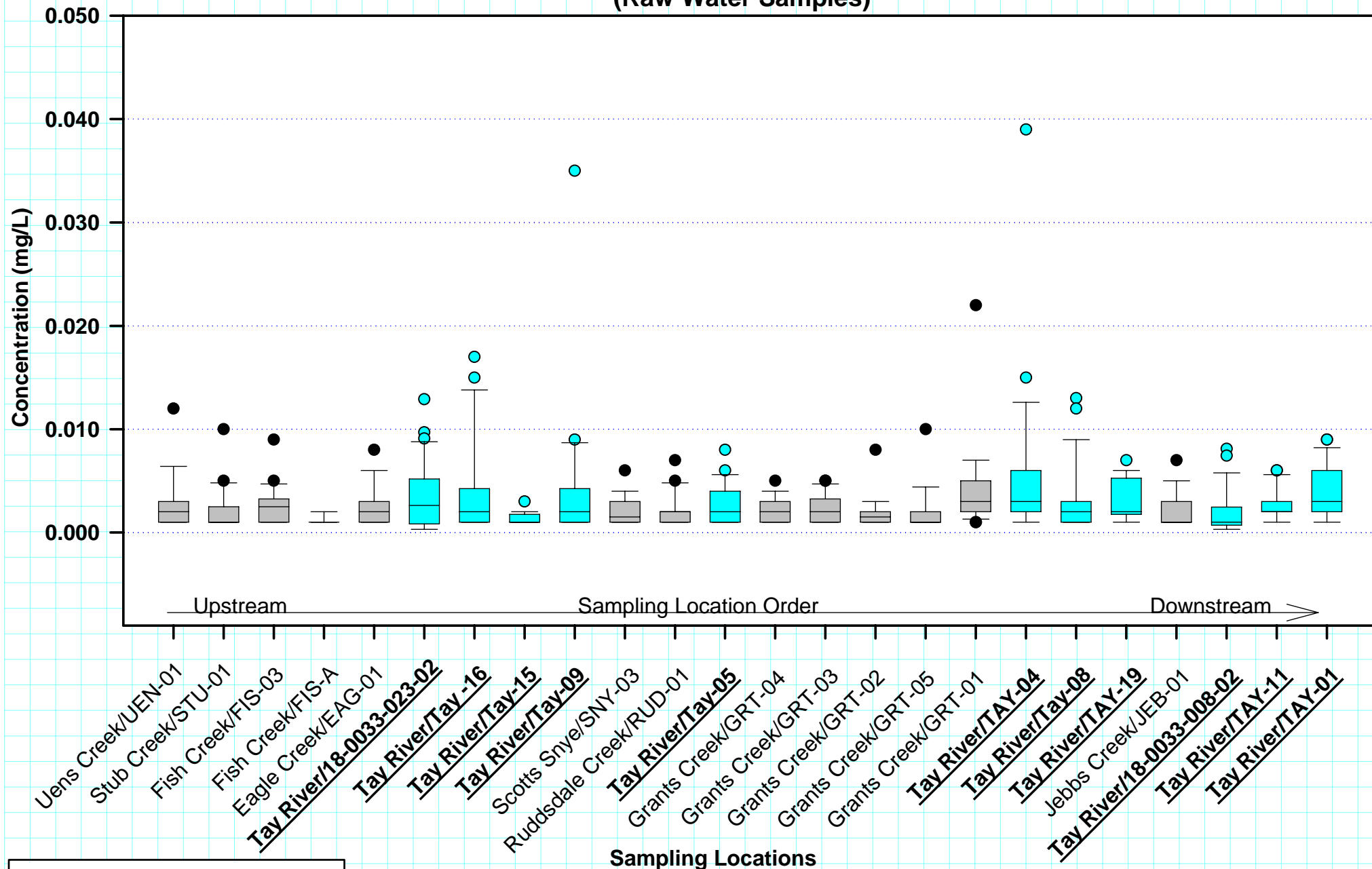
Un-ionized Ammonia Levels  
 Un-ionized Ammonia Levels (Main River)

**Main River** bolded & underlined on **Sampling Location** axis.

PWQO (0.02 mg/L)



# Tay River Subwatershed (PWQMN & RVCA Stations) - 2001-05 (Raw Water Samples)



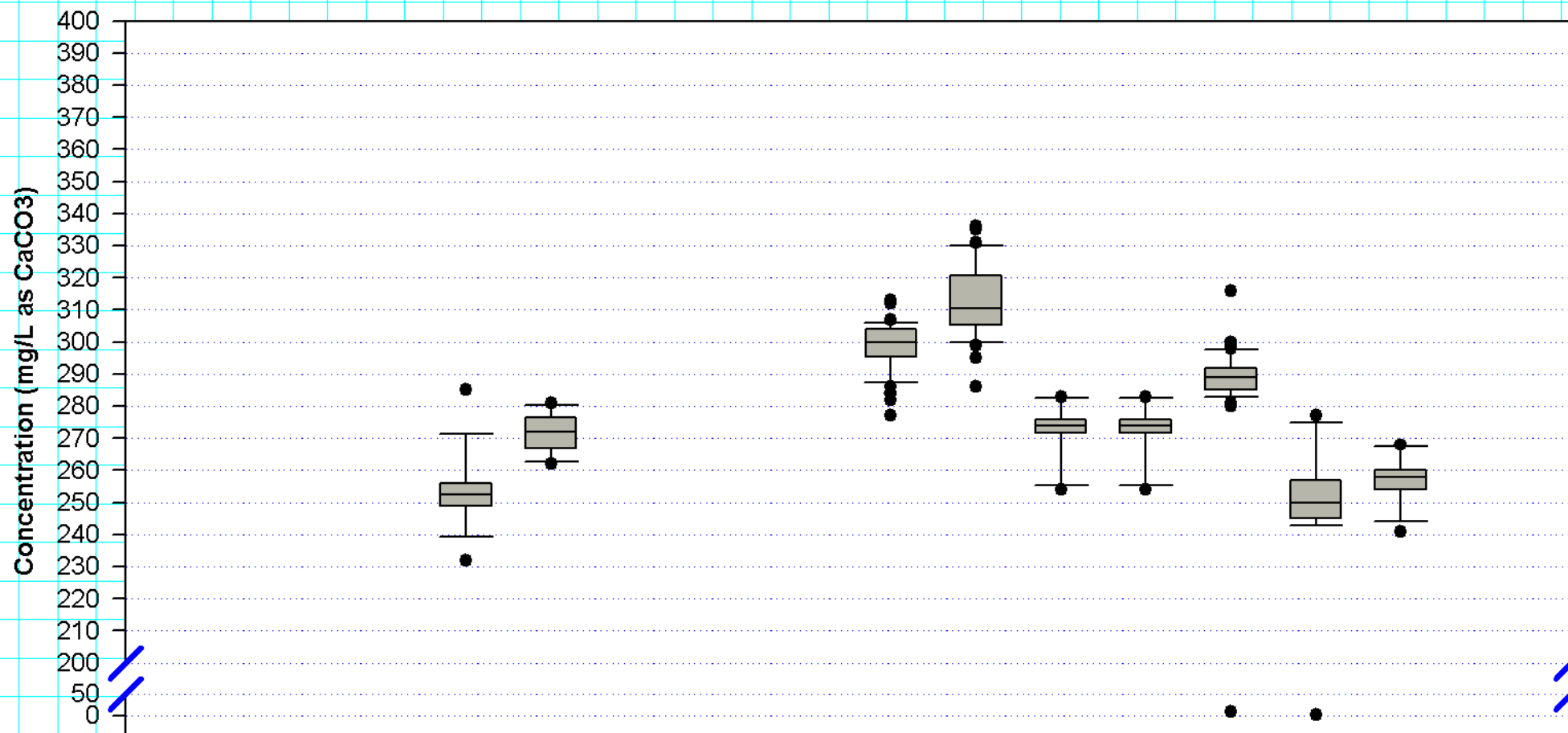
- Zinc Levels
- Zinc Levels (Main River)

PWQO (0.03 mg/L)

**Main River** bolded & underlined on **Sampling Location** axis.

# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

(Raw Groundwater Samples) 2000 - 2007

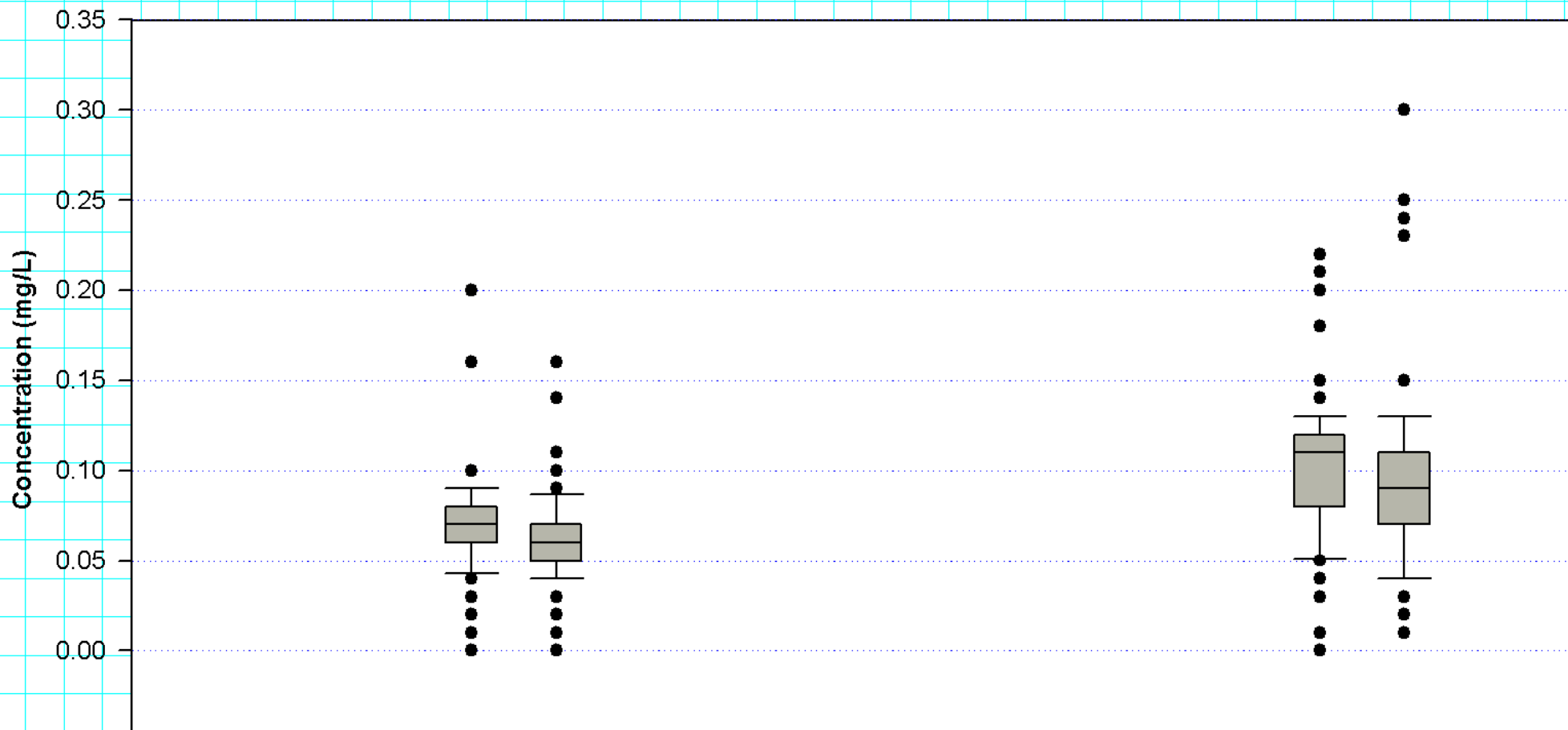


Alkalinity

ODWSOG (OG = 30 to 500 mg/L as CaCO<sub>3</sub>)

# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

(Raw Groundwater Samples) 2000 - 2007

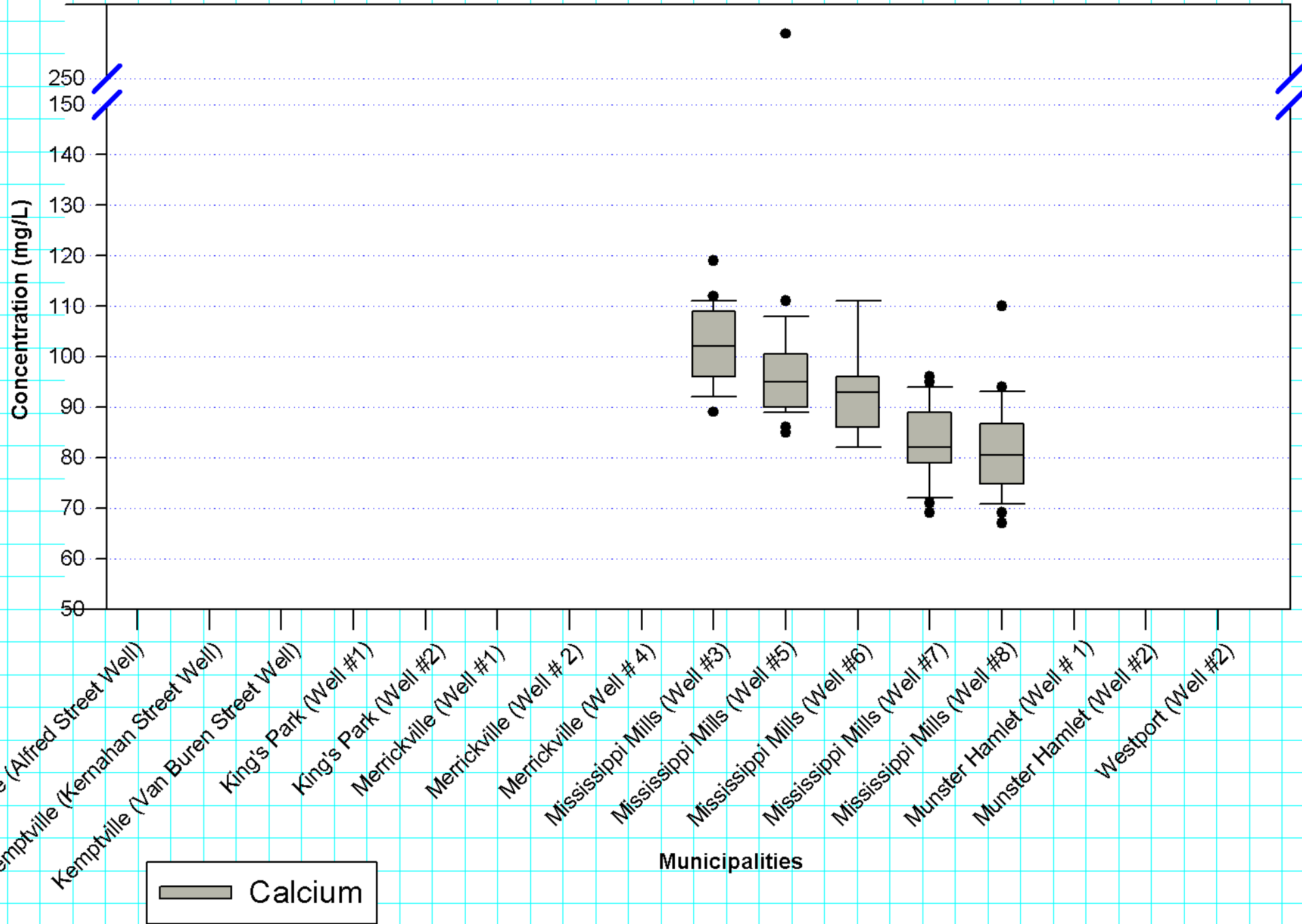


Kemptville (Alfred Street Well)  
Kemptville (Kemahan Street Well)  
Kemptville (Van Buren Street)  
King's Park (Well #1)  
Merrickville (Well #2)  
Merrickville (Well #1)  
Merrickville (Well #2)  
Merrickville (Well #4)  
Mississippi Mills (Well #3)  
Mississippi Mills (Well #5)  
Mississippi Mills (Well #6)  
Mississippi Mills (Well #7)  
Mississippi Mills (Well #8)  
Munster Hamlet (Well #1)  
Munster Hamlet (Well #2)  
Westport (Well #2)

Ammonia

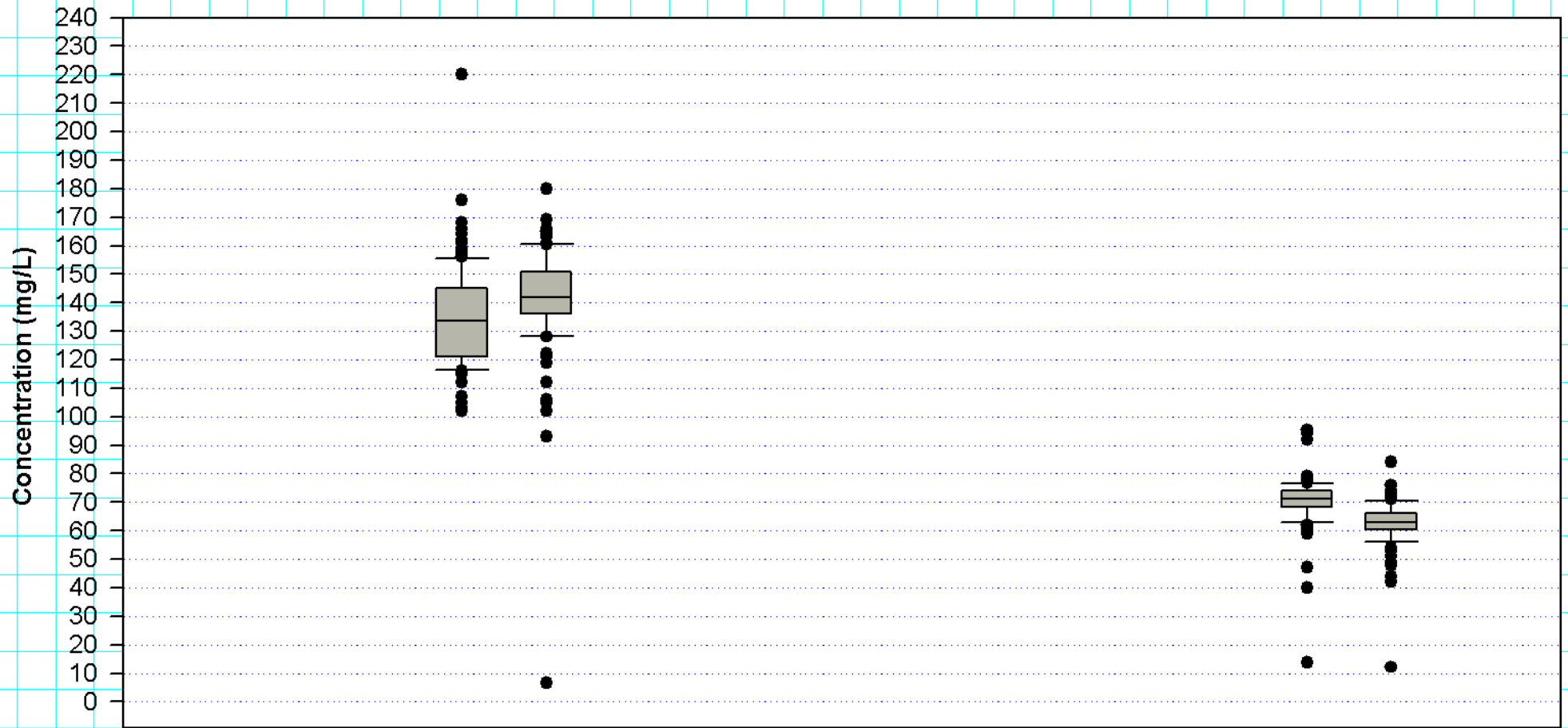
# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

(Raw Groundwater Samples) 2000 - 2007



# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

(Raw Groundwater Samples) 2000 - 2007



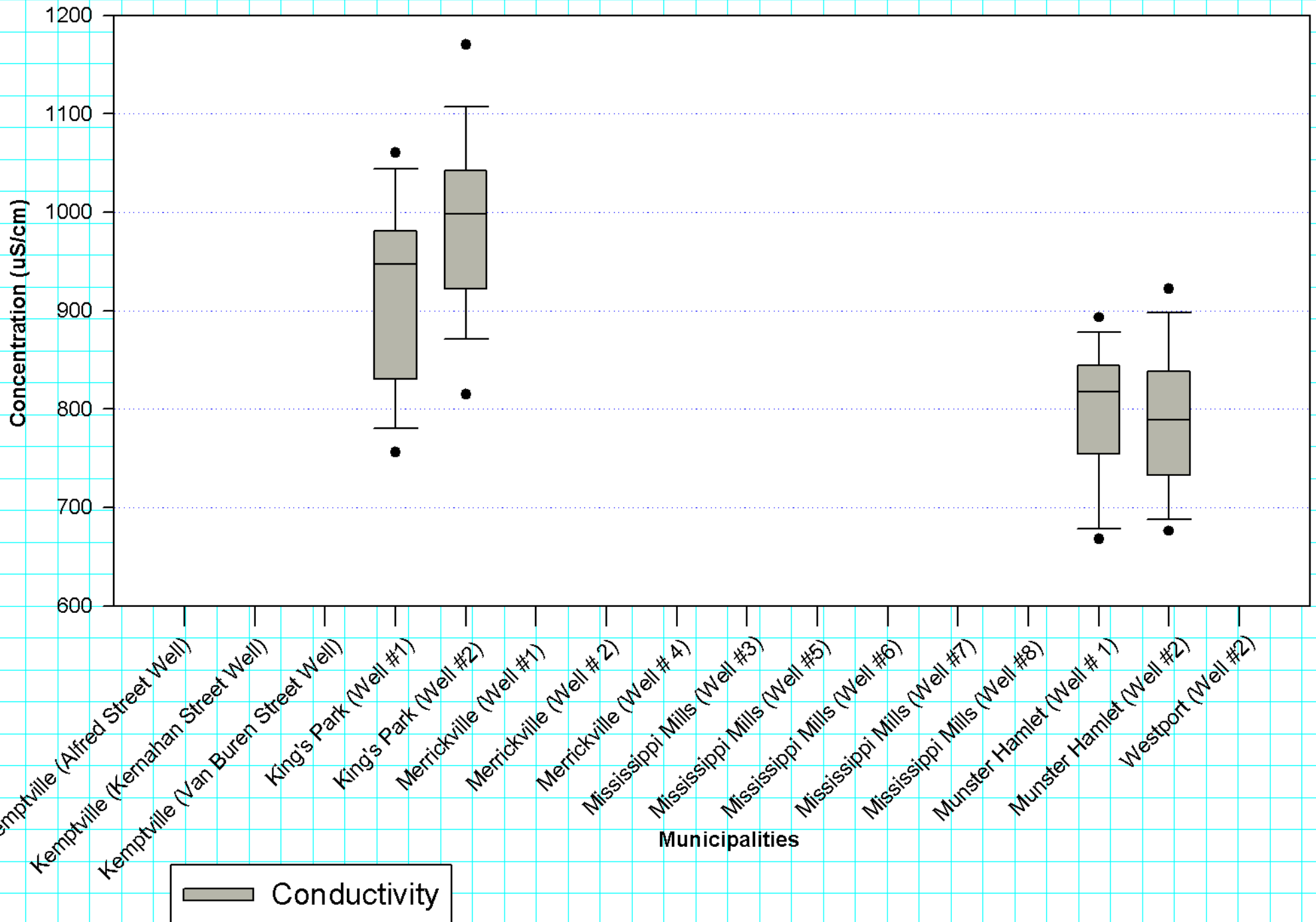
Chloride

ODWSOG (AO = 250 mg/L)

Municipalities

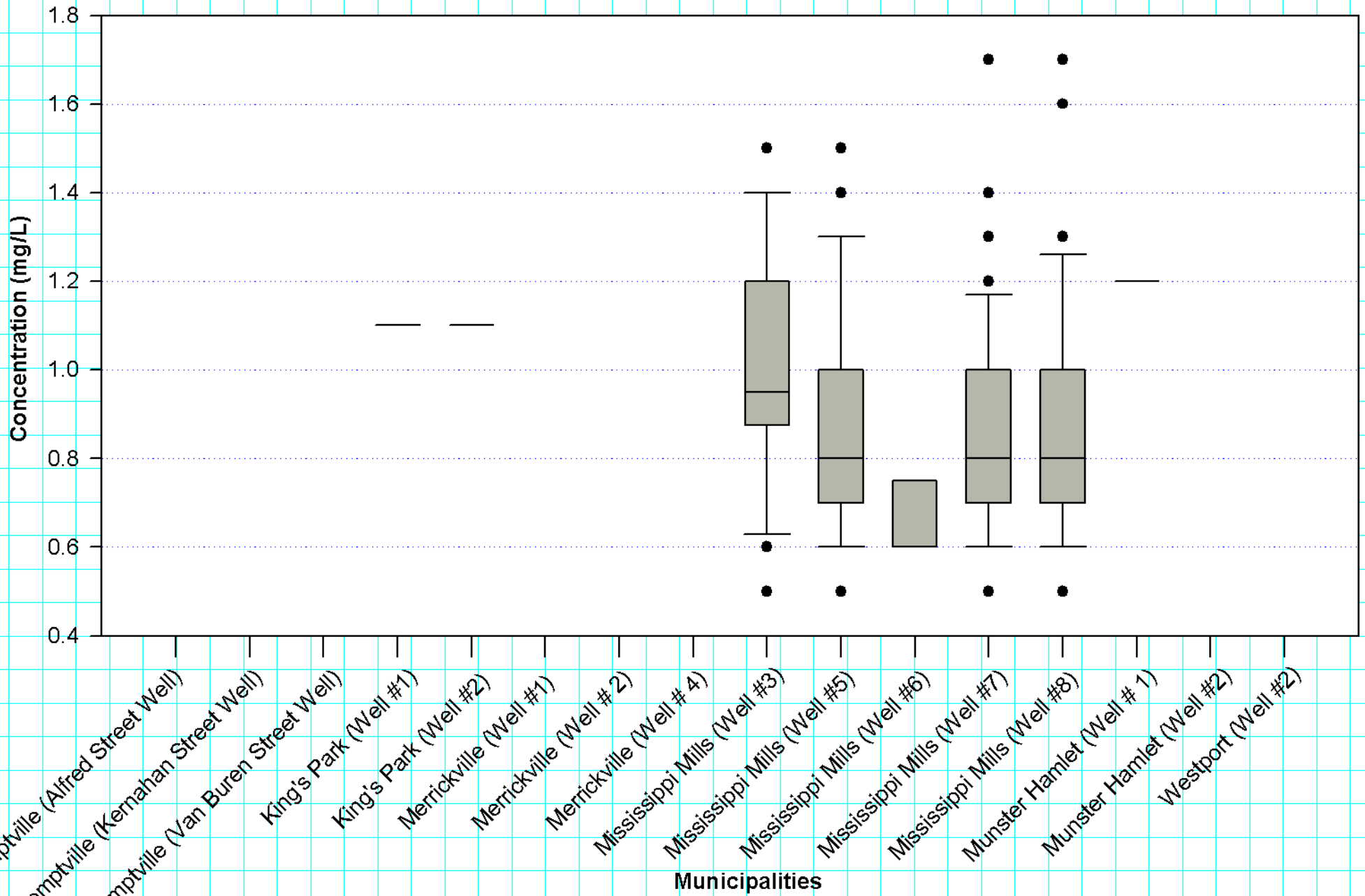
# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

(Raw Groundwater Samples) 2000 - 2007



# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

(Raw Groundwater Samples) 2000 - 2007

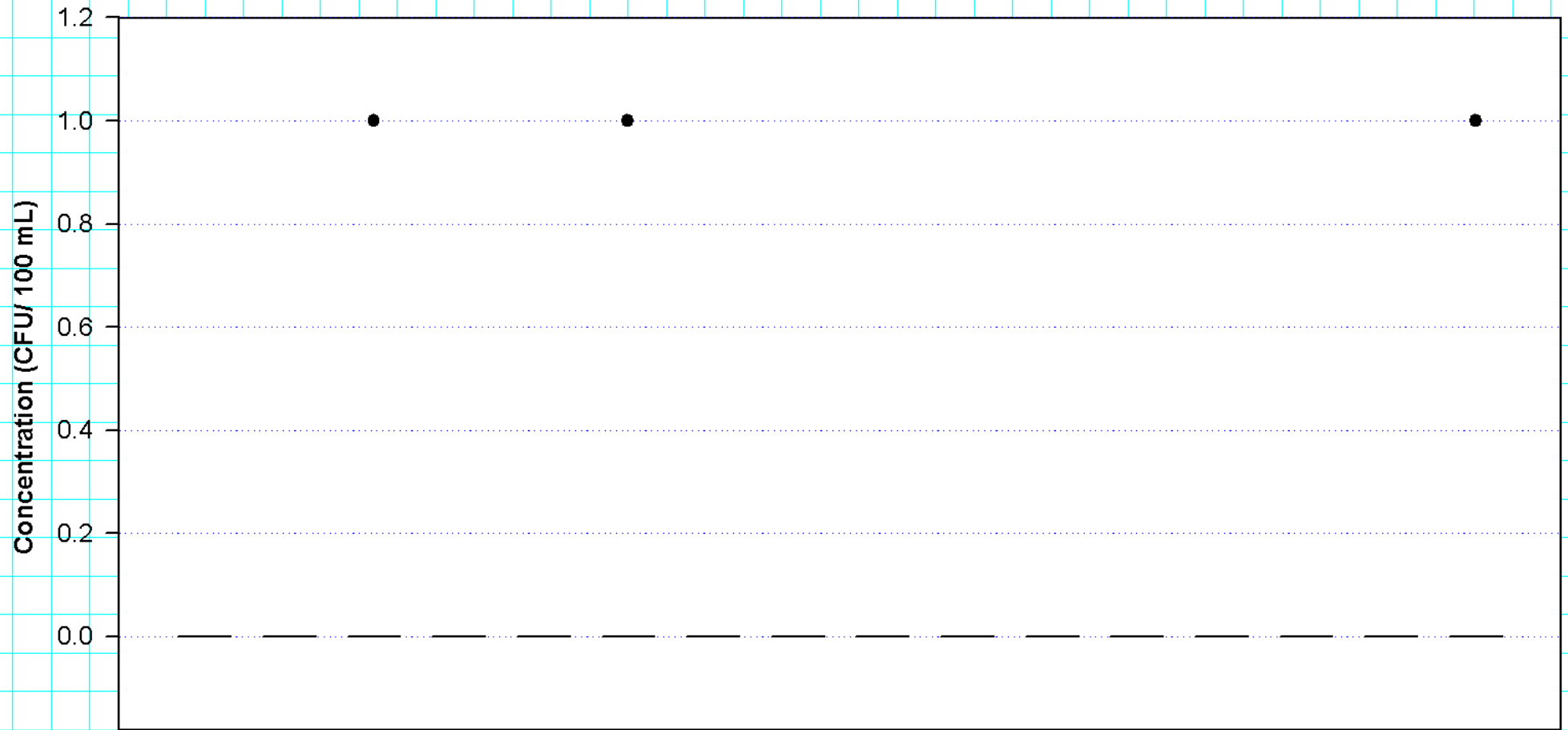


— Dissolved Organic Carbon

ODWSOG (AO = 5 mg/L)

# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

## (Raw Groundwater Samples) 2000 - 2007



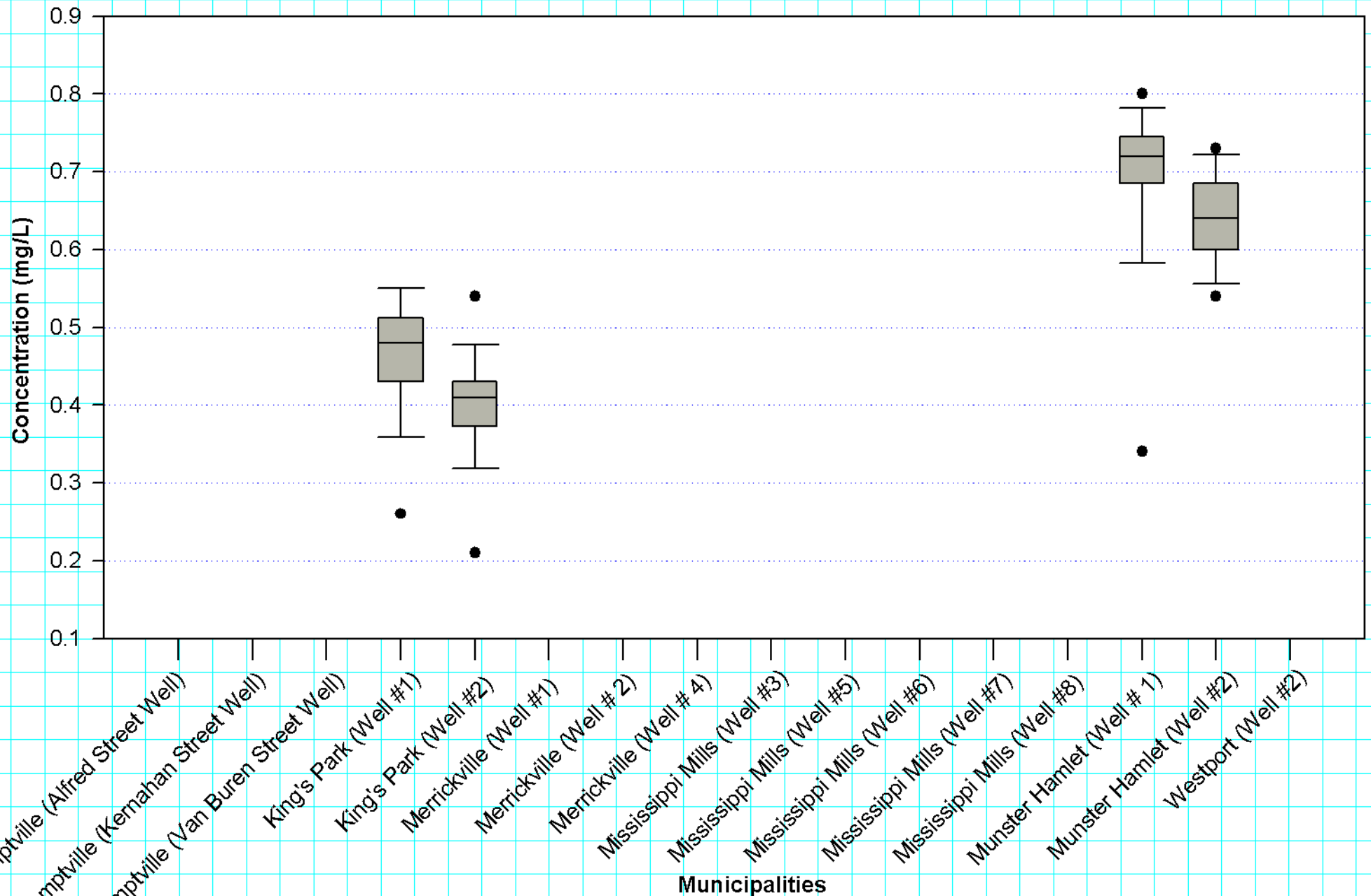
 E.coli

**E.coli should not be detected in drinking water. (ODWQS)**



# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

(Raw Groundwater Samples) 2000 - 2007

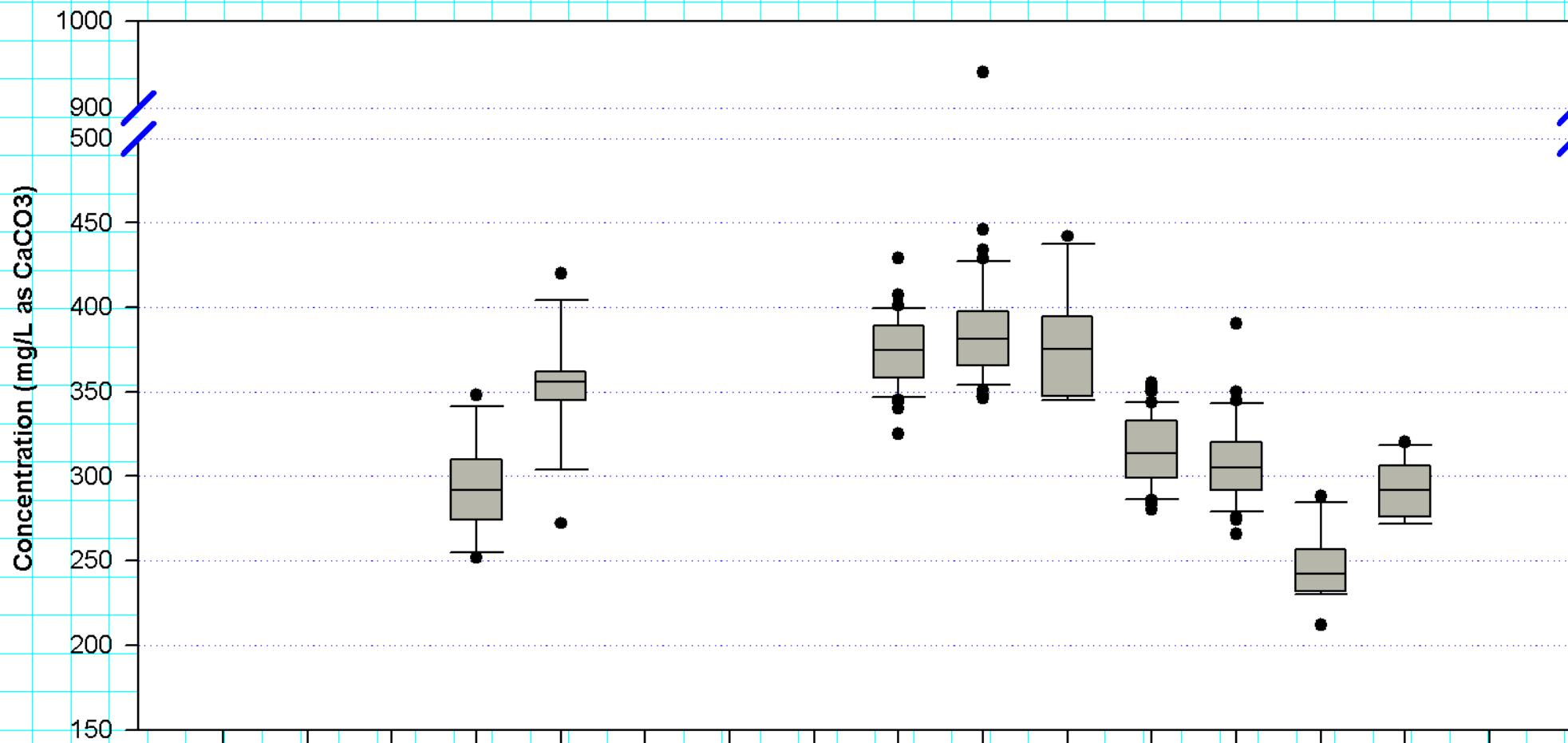


Fluoride

ODWQS (MAC = 1.5 mg/L)

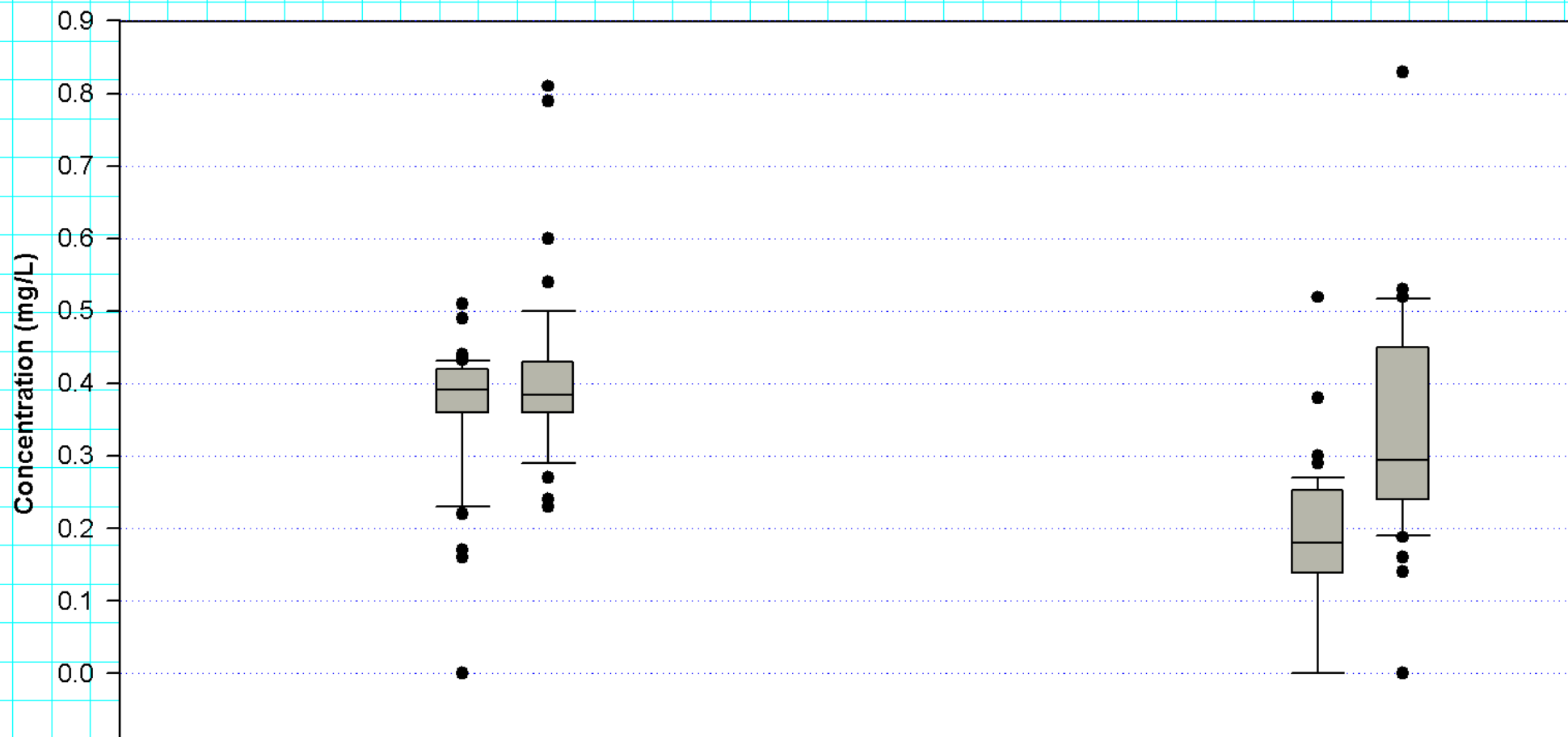
# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

(Raw Groundwater Samples) 2000 - 2007



# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

## (Raw Groundwater Samples) 2000 - 2007

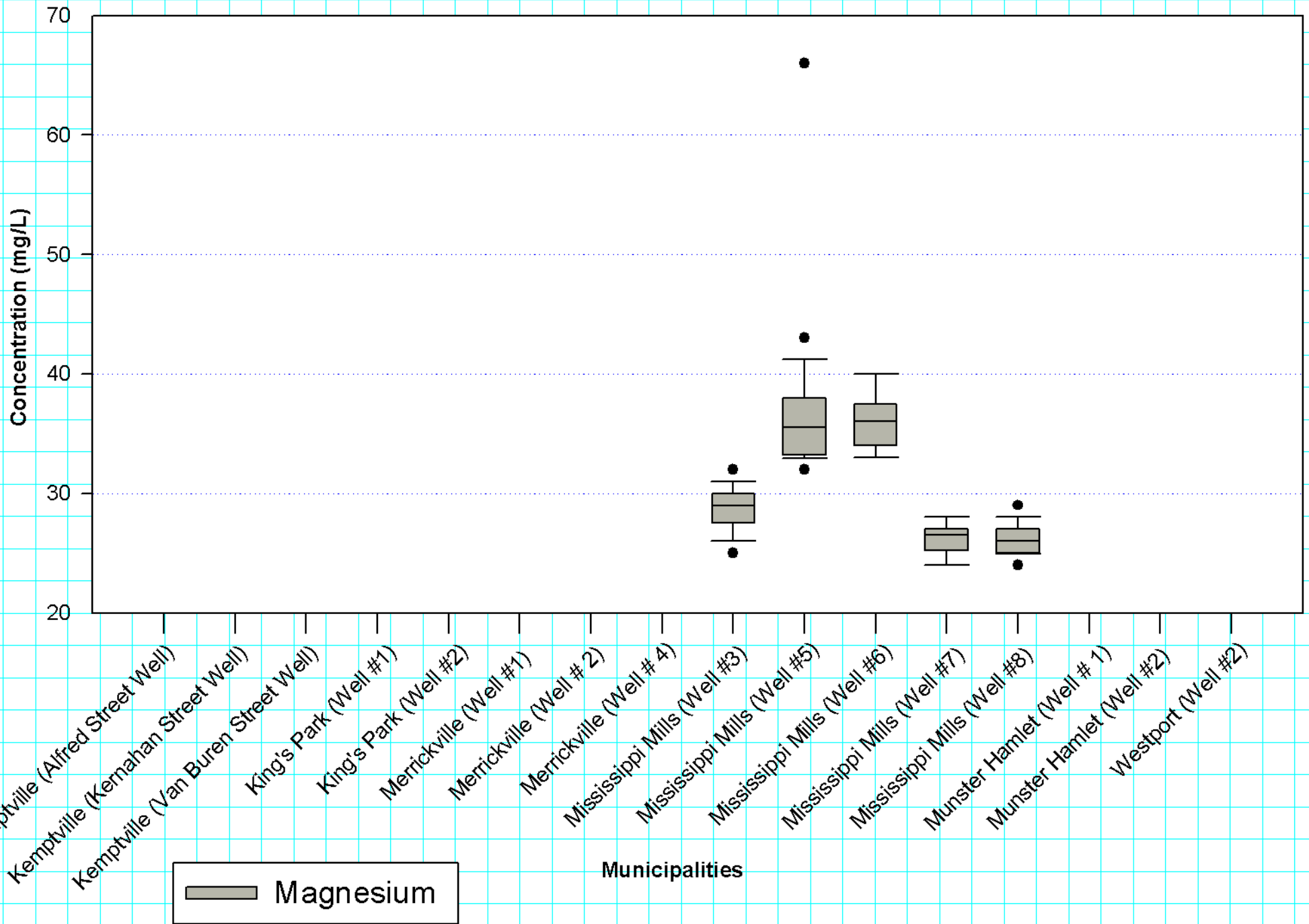


Iron

ODWSOG (AO = 0.30 mg/L)

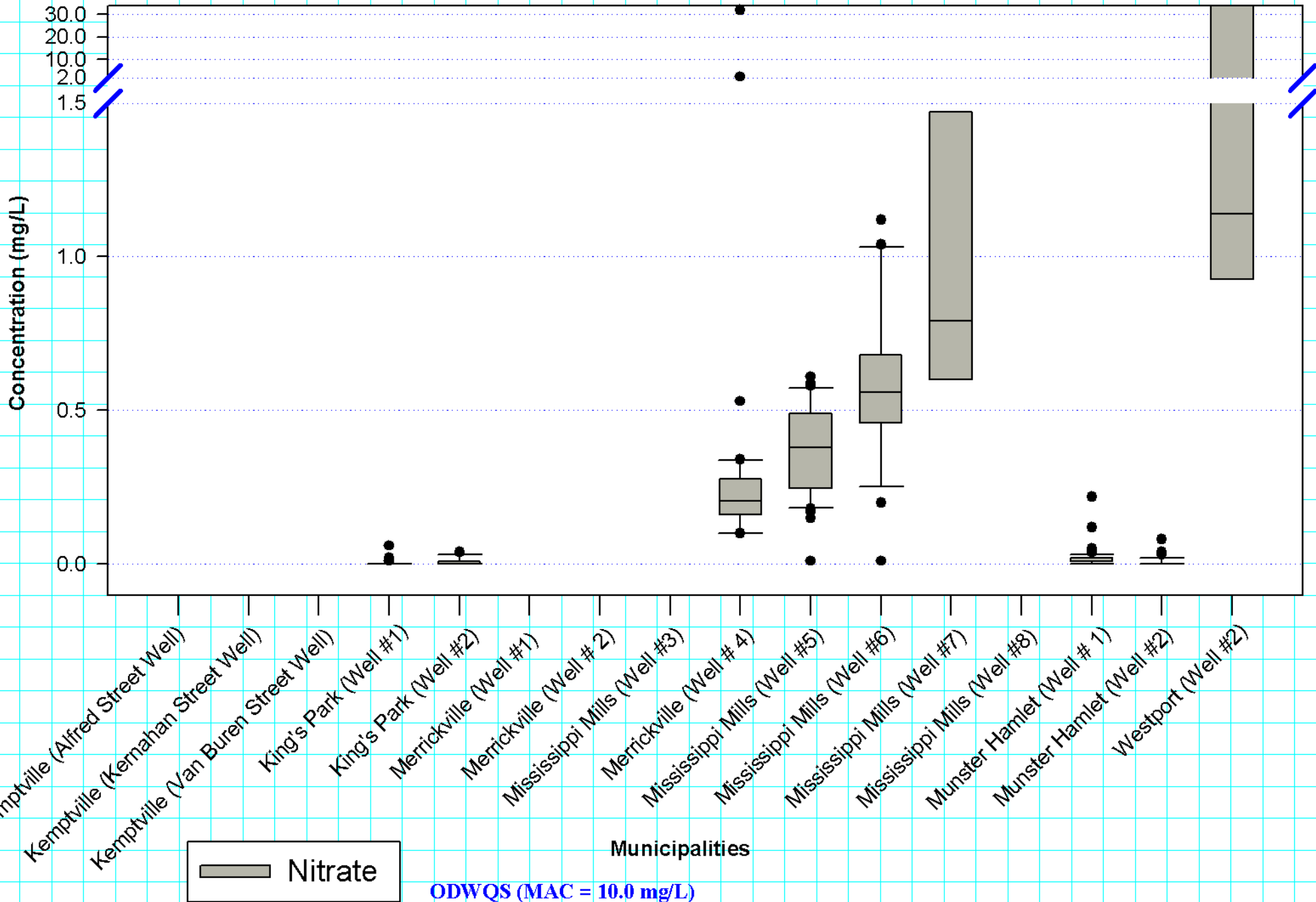
# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

(Raw Groundwater Samples) 2000 - 2007



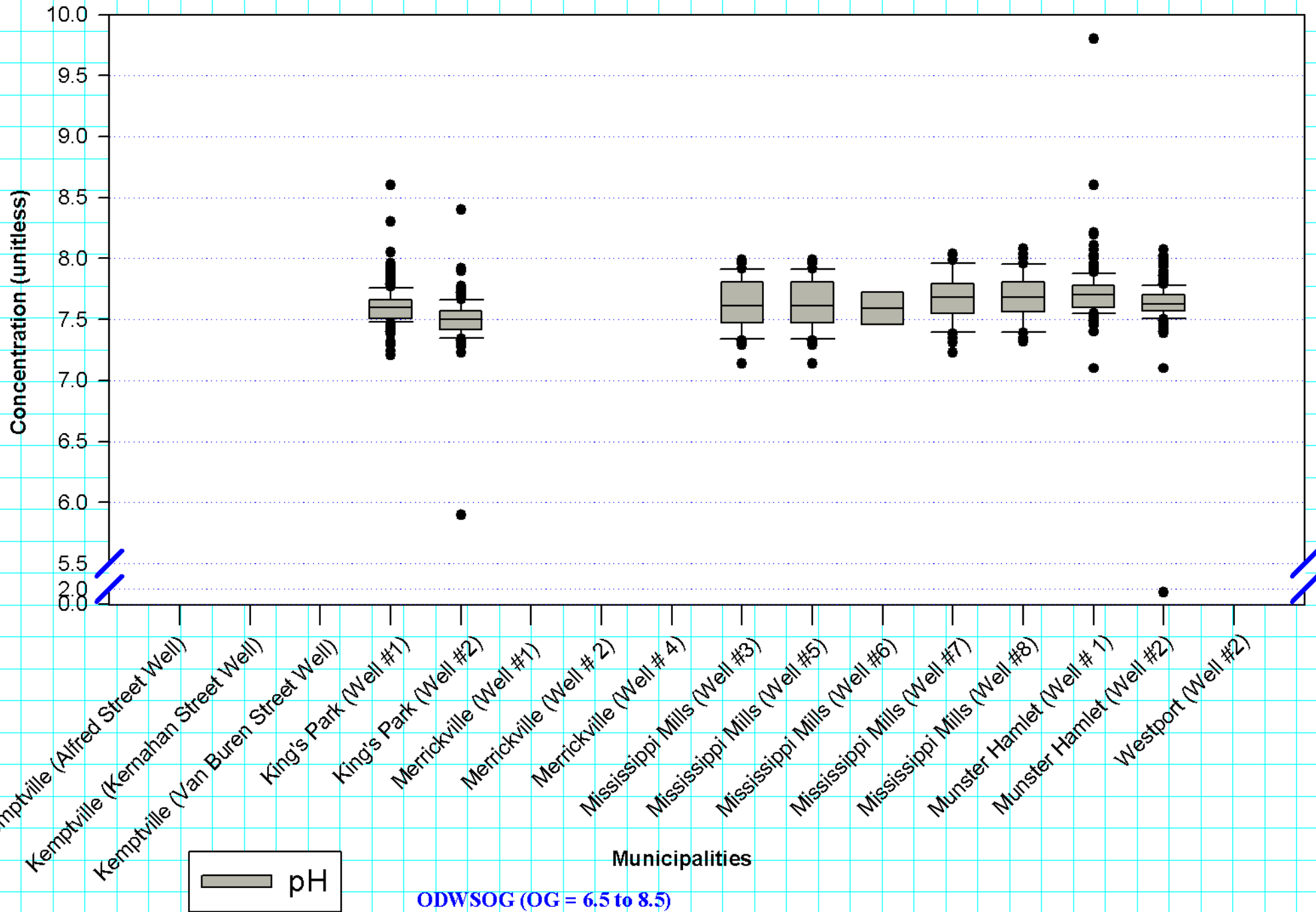
# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS data)

(Raw Groundwater Samples) 2000 - 2007



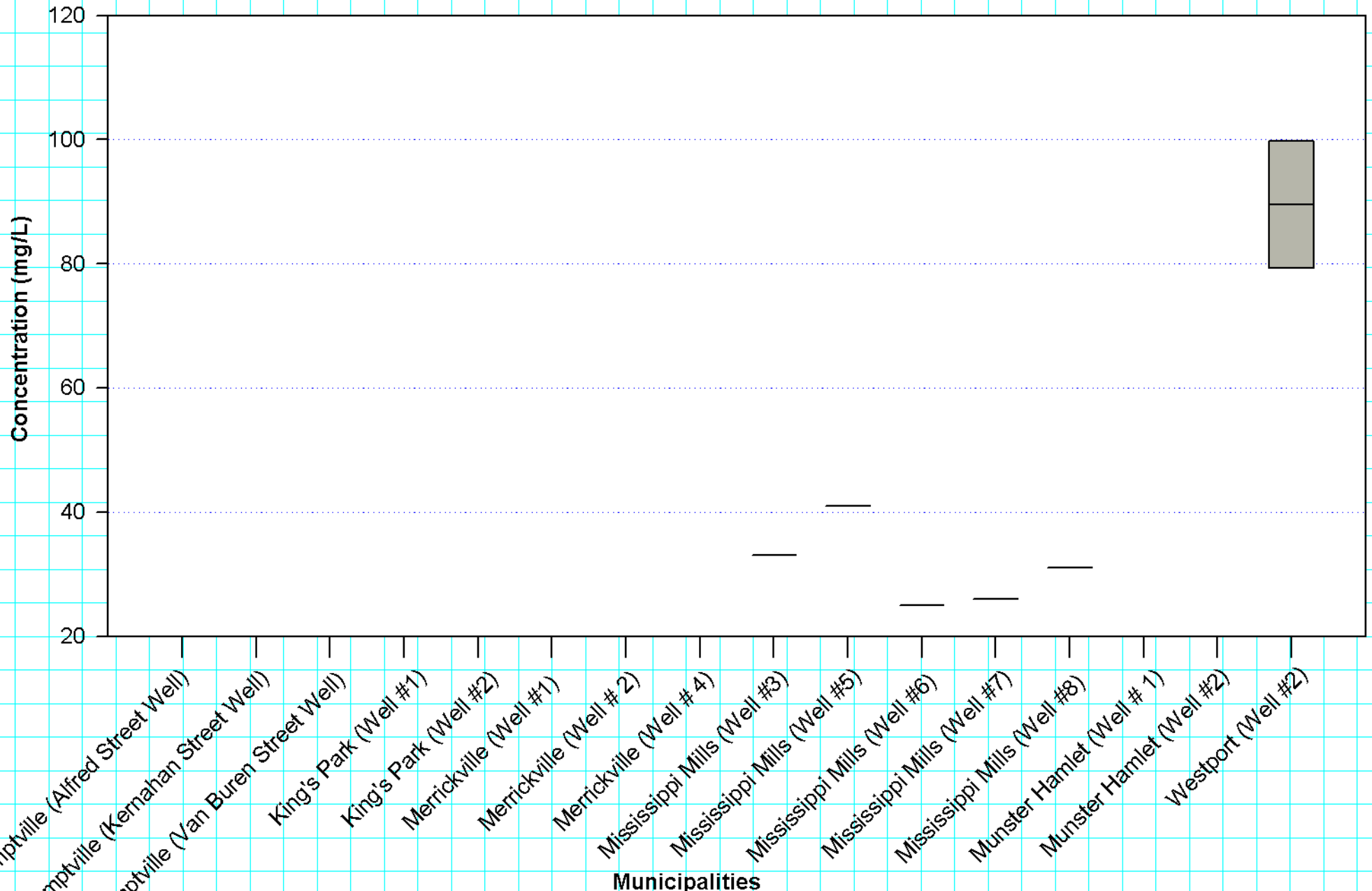
# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

(Raw Groundwater Samples) 2000 - 2007



# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

## (Raw Groundwater Samples) 2000 - 2007



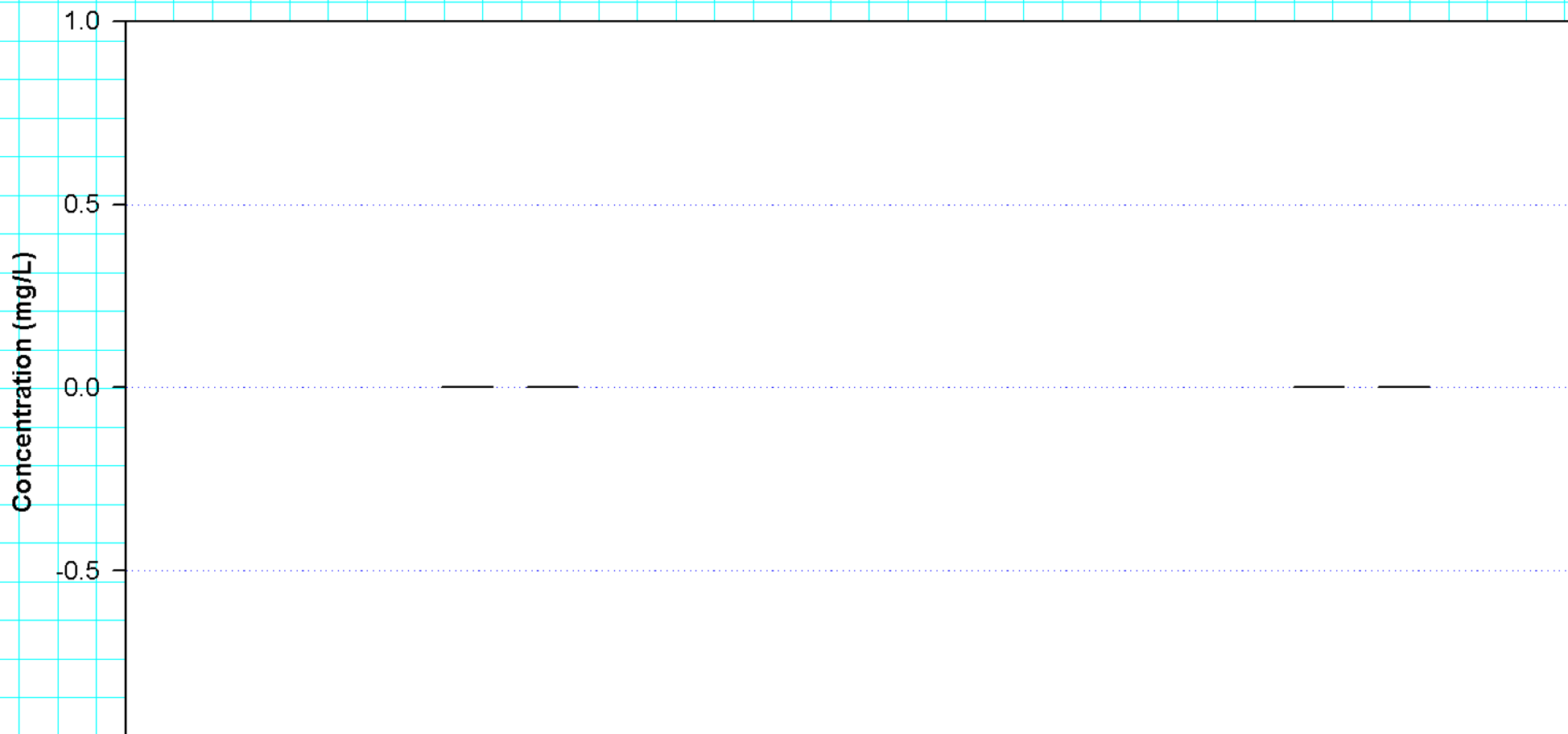
Legend: Sodium

ODWSOG (AO = 200 mg/L)

(Only one sample result available per well, for the Mississippi Mills Municipality data)

# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

## (Raw Groundwater Samples) 2000 - 2007



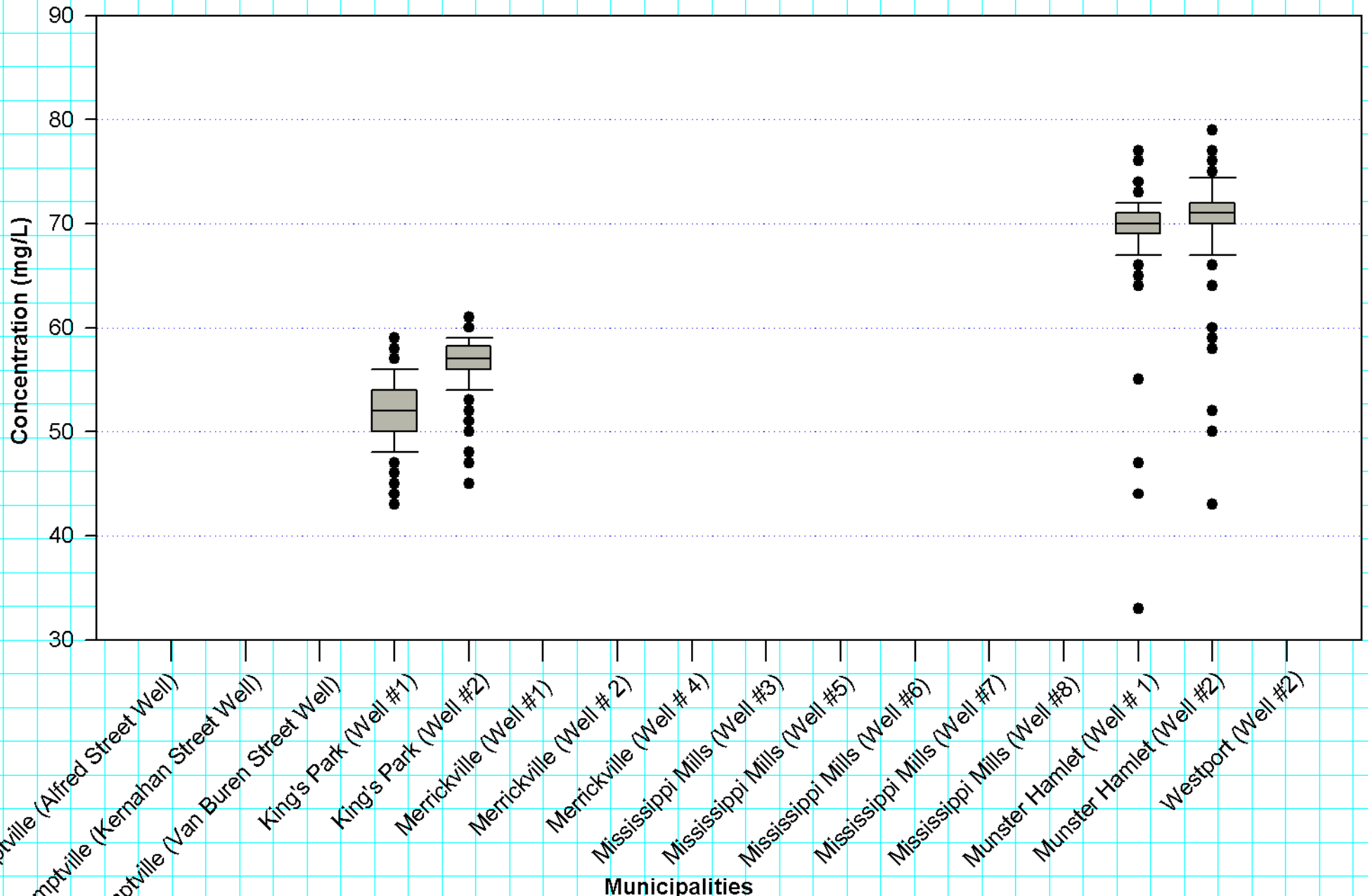
— Sulfide (H<sub>2</sub>S)

ODWSOG (AO = 0.05 mg/L)



# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

(Raw Groundwater Samples) 2000 - 2007

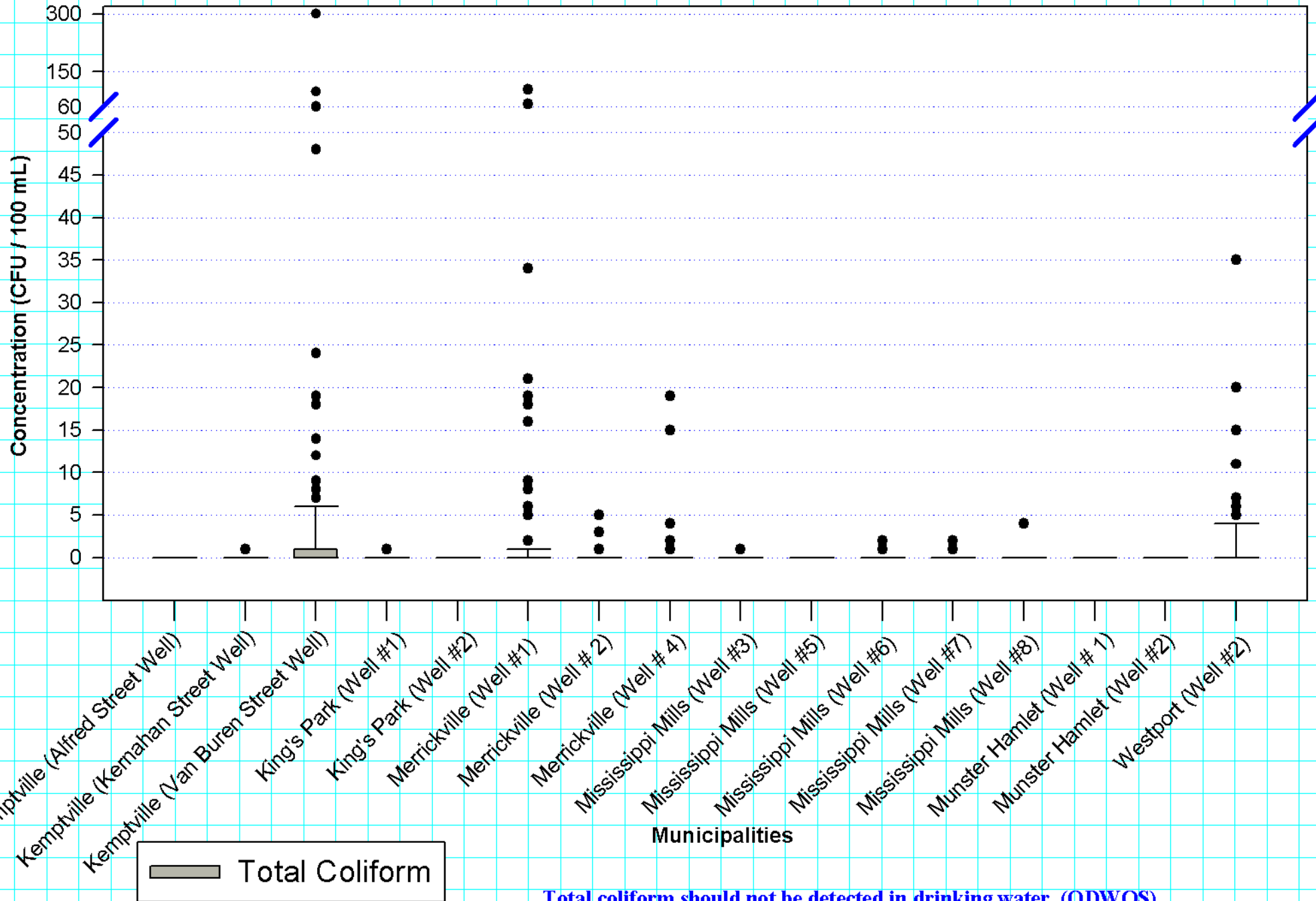


— Sulphate

ODWSOG (AO = 500 mg/L)

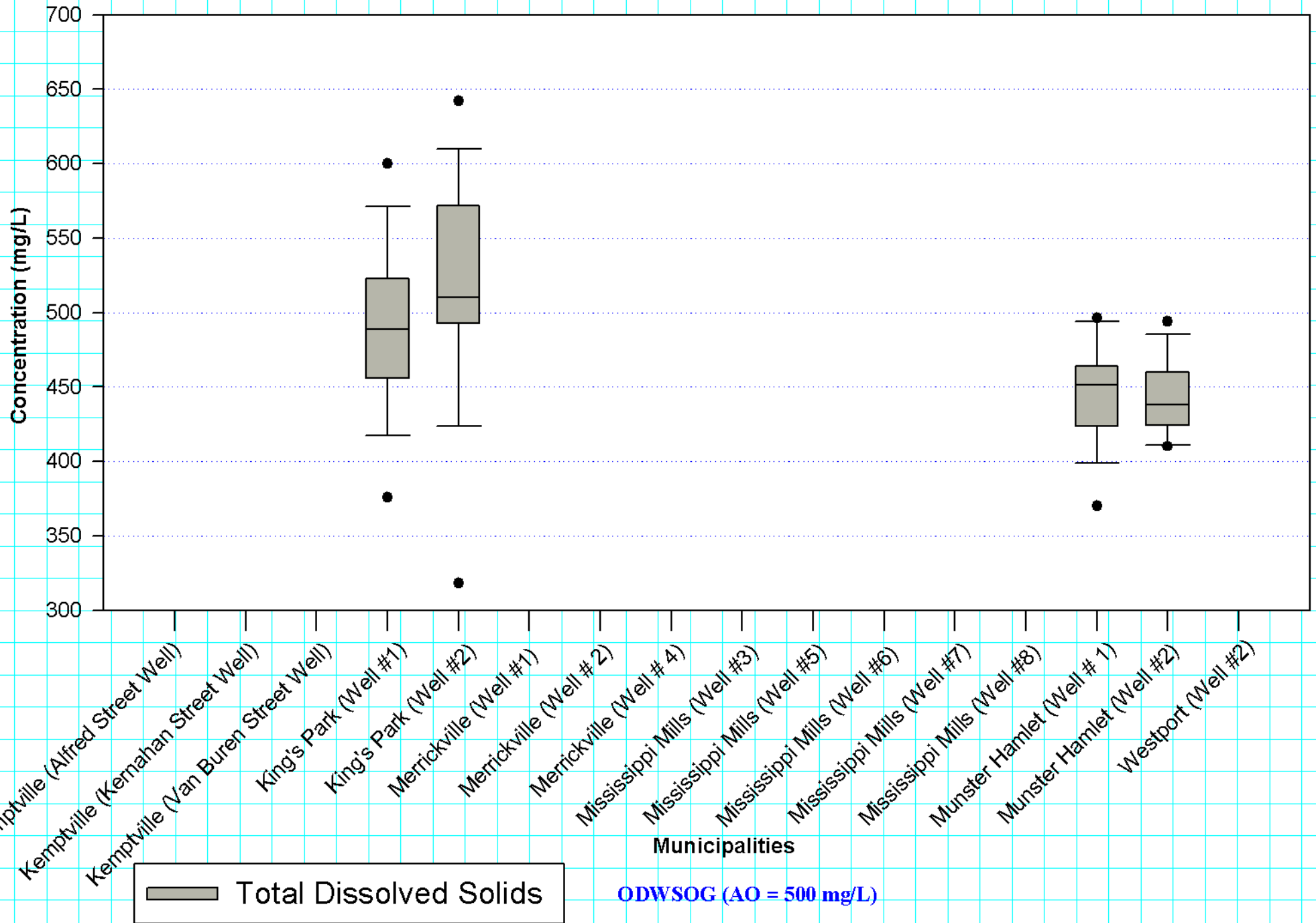
# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

(Raw Groundwater Samples) 2000 - 2007



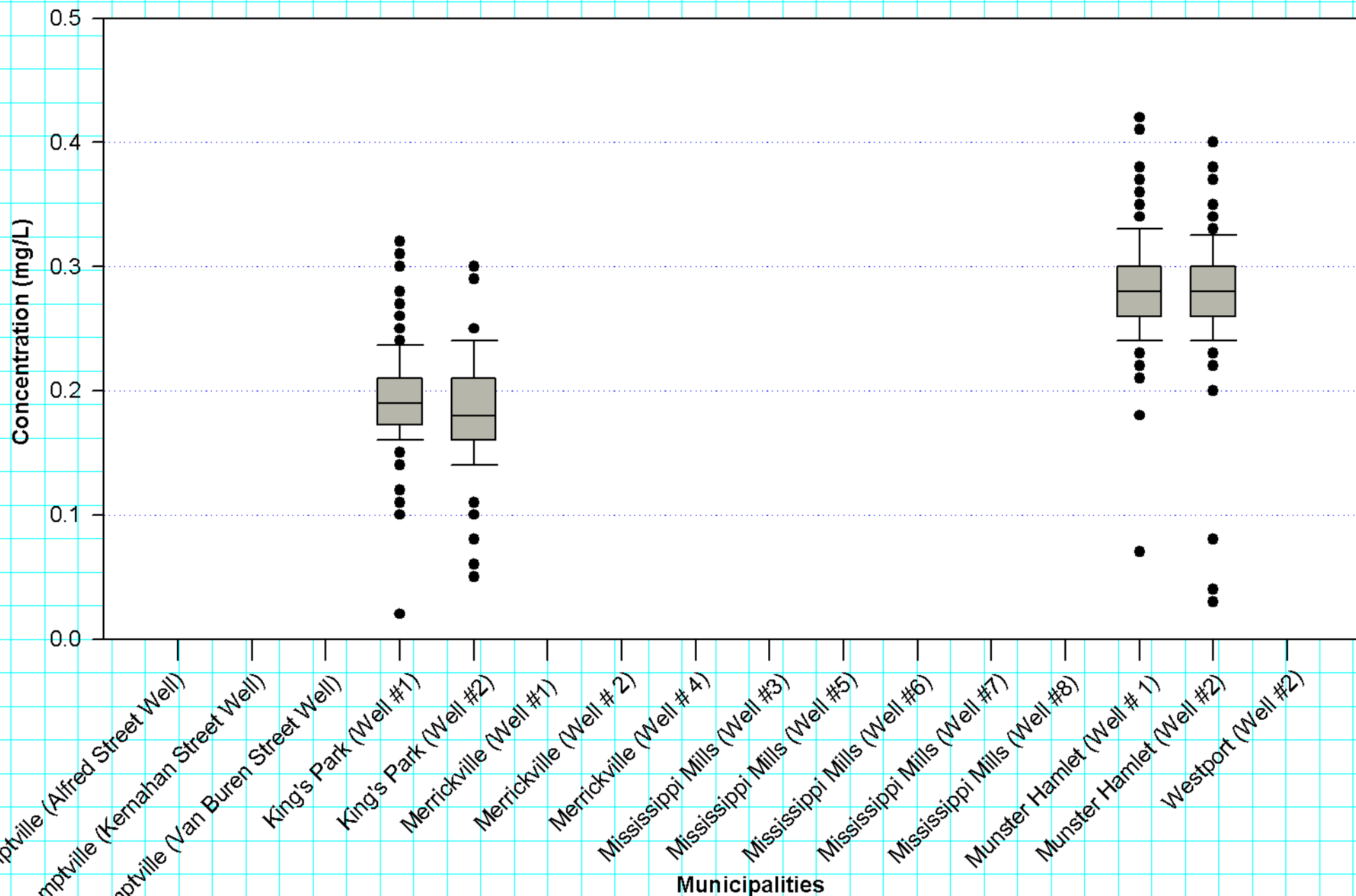
# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

(Raw Groundwater Samples) 2000 - 2007



# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

(Raw Groundwater Samples) 2000 - 2007

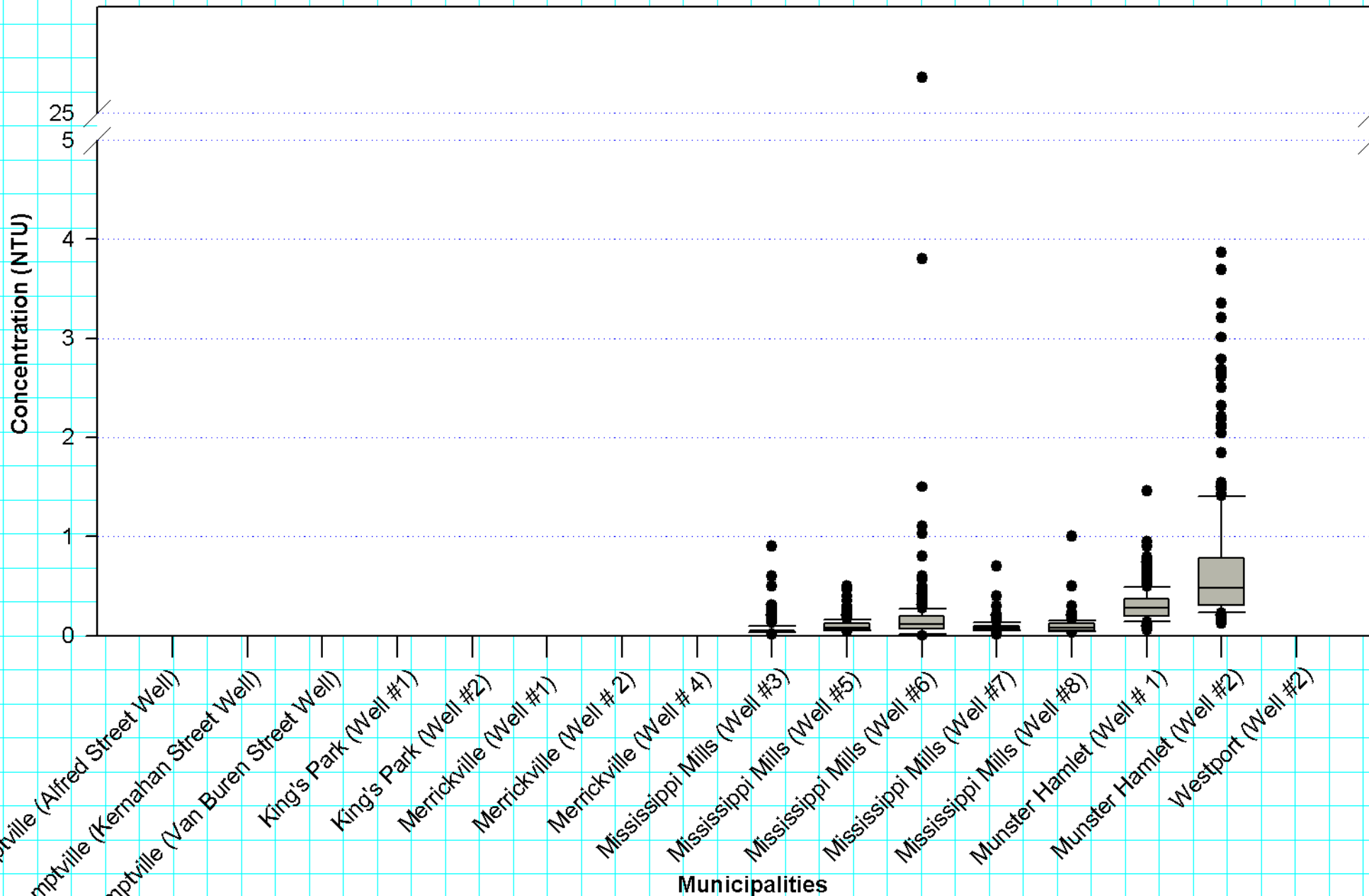


— Total Kjeldahl Nitrogen

EC (0.5 mg/L)

# Mississippi - Rideau D-W Systems (Municipal Water Treatment Plant & DWIS Data)

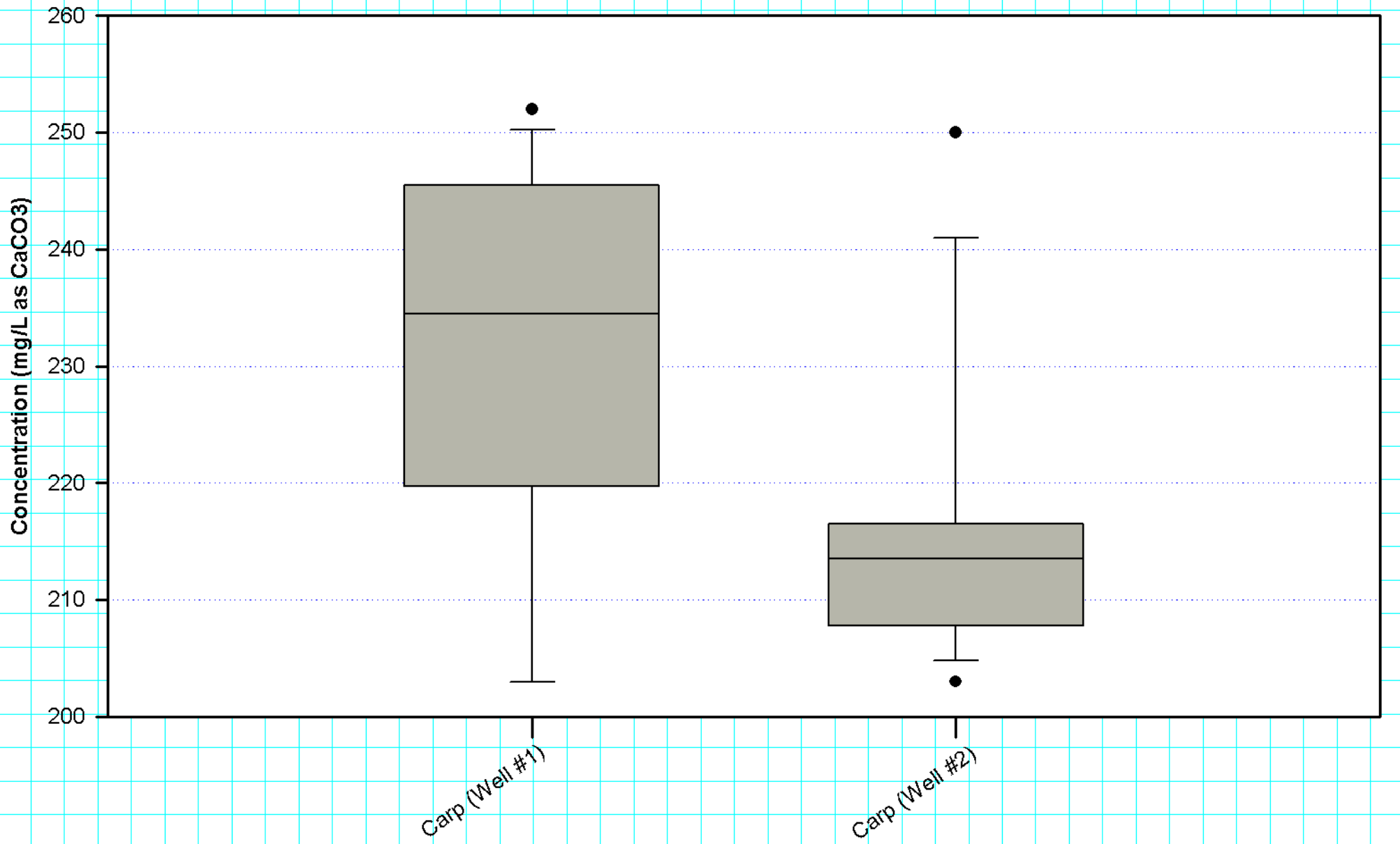
## (Raw Groundwater Samples) 2000 - 2007



— Turbidity

ODWSOG (AO = 5 NTU)

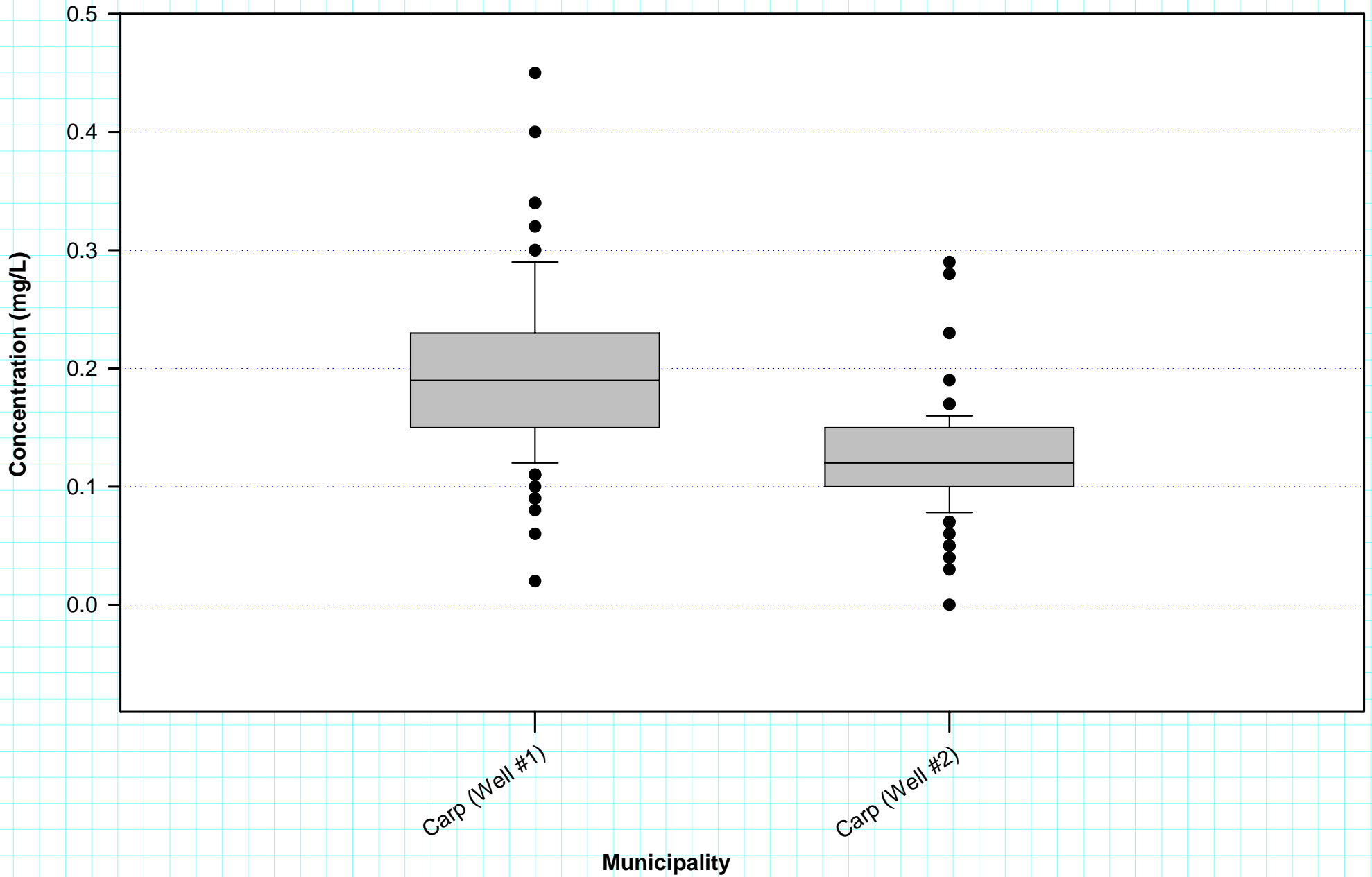
Mississippi - Rideau D-W Systems (City Of Ottawa data)  
(Raw Groundwater Samples) 2001 - 2005



Alkalinity

ODWSOG (OG = 30 to 500 mg/L as CaCO<sub>3</sub>)

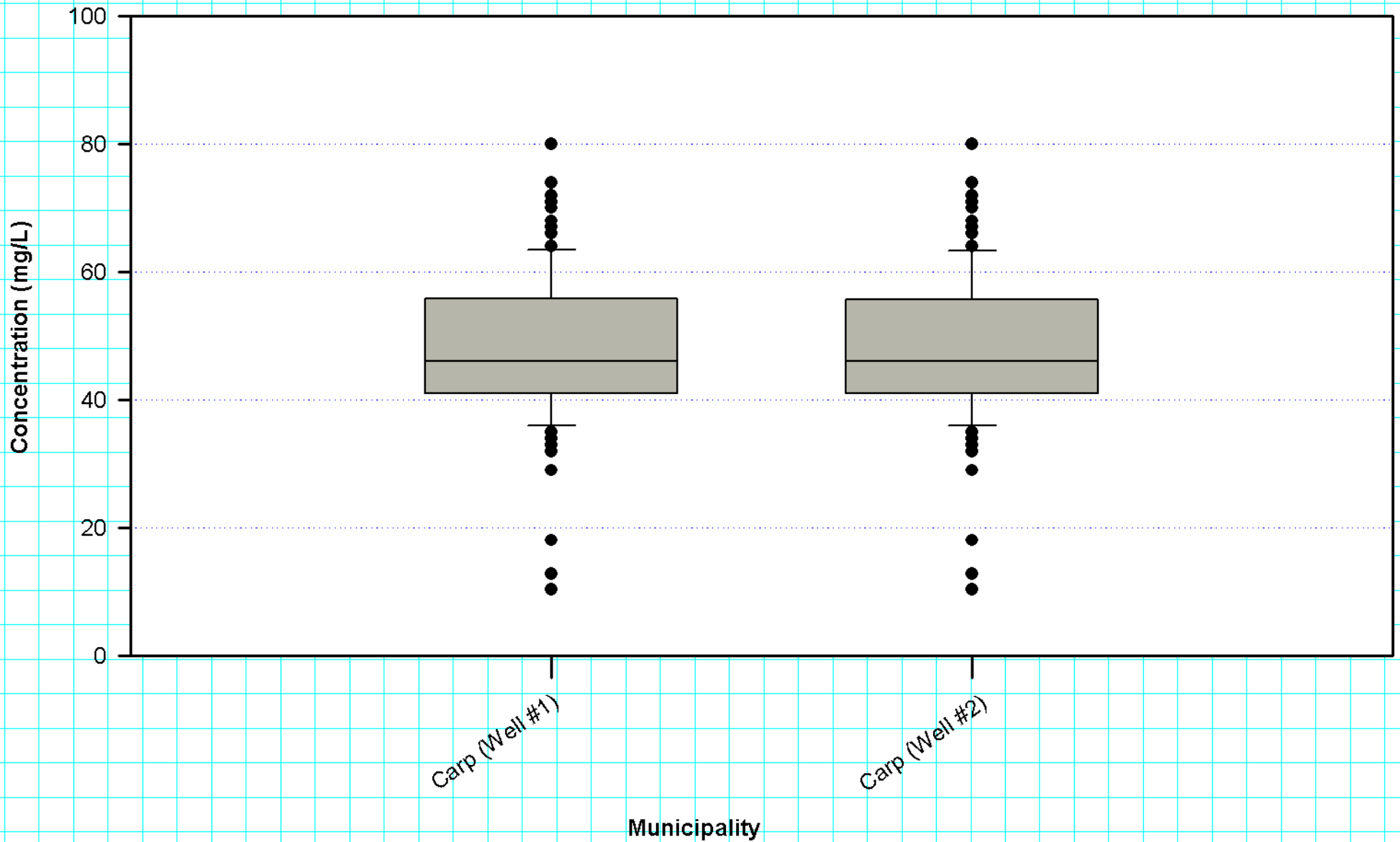
Mississippi - Rideau D-W Systems (City Of Ottawa data)  
(Raw Groundwater Samples) 2001 - 2005



Ammonia

# Mississippi - Rideau D-W Systems (City Of Ottawa data)

## (Raw Groundwater Samples) 2001 - 2005

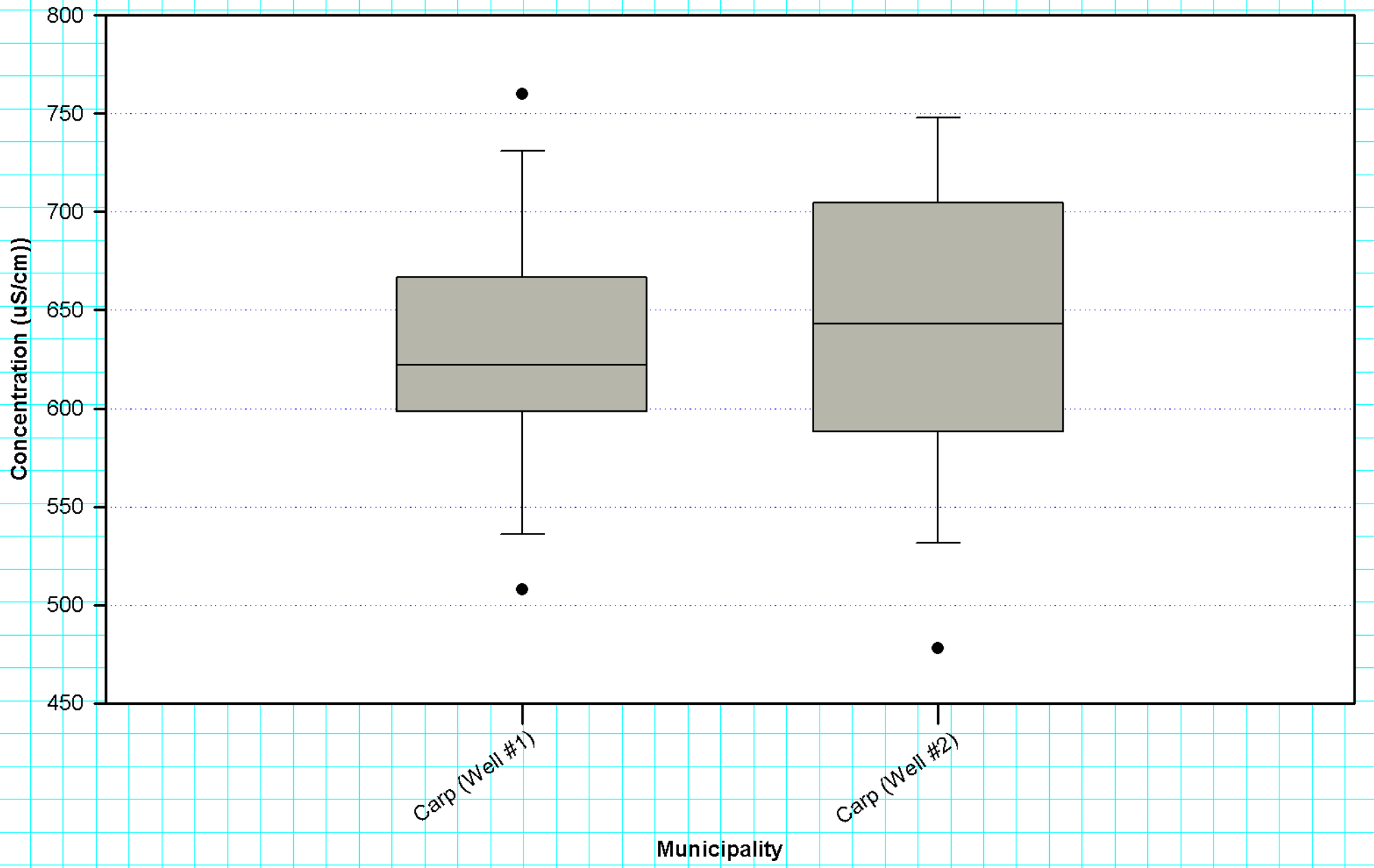


Chloride

ODWSOG (AO = 250 mg/L).



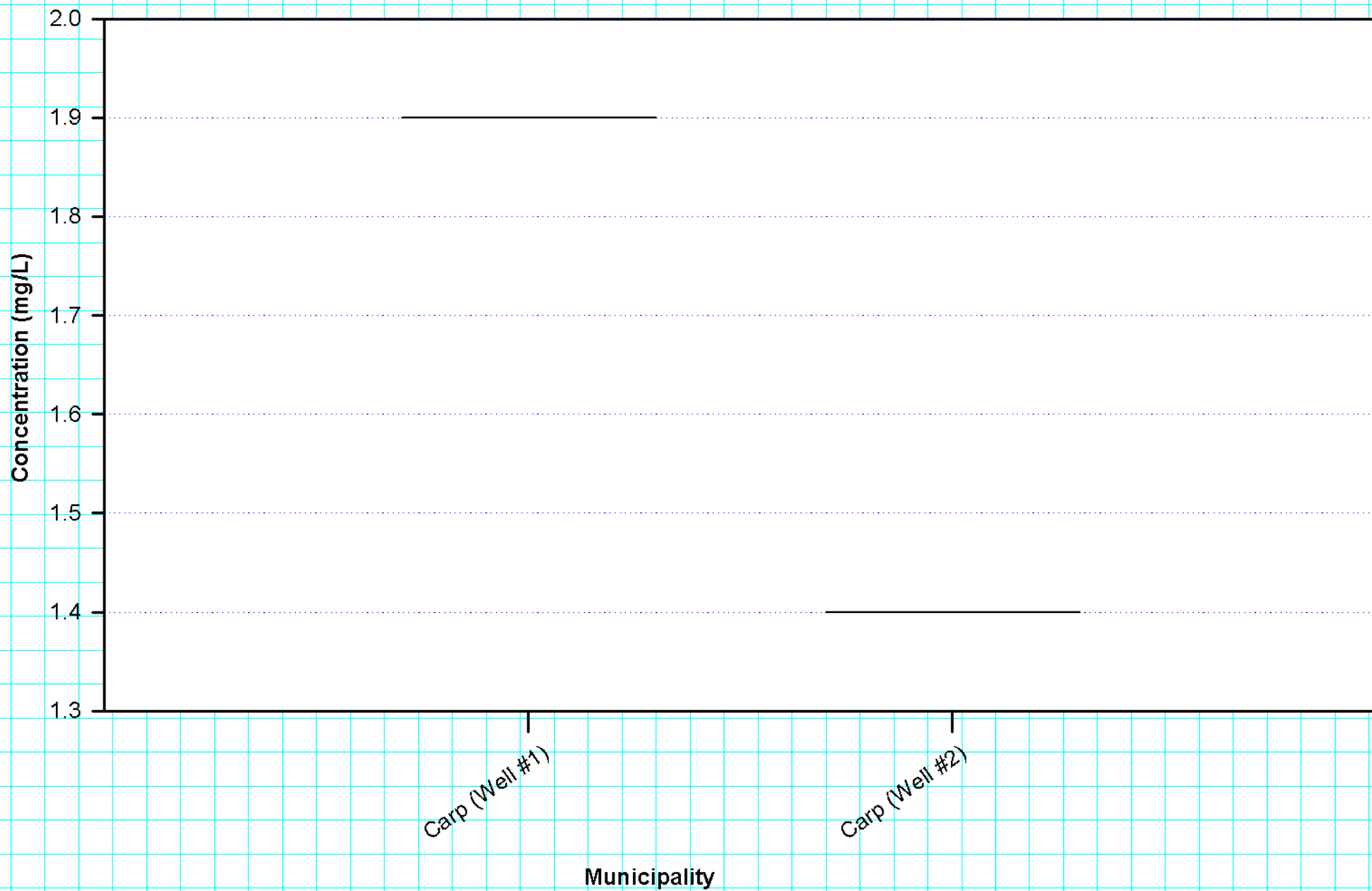
Mississippi - Rideau D-W Systems (City Of Ottawa data)  
(Raw Groundwater Samples) 2001 - 2005



Conductivity

# Mississippi - Rideau D-W Systems (City Of Ottawa data)

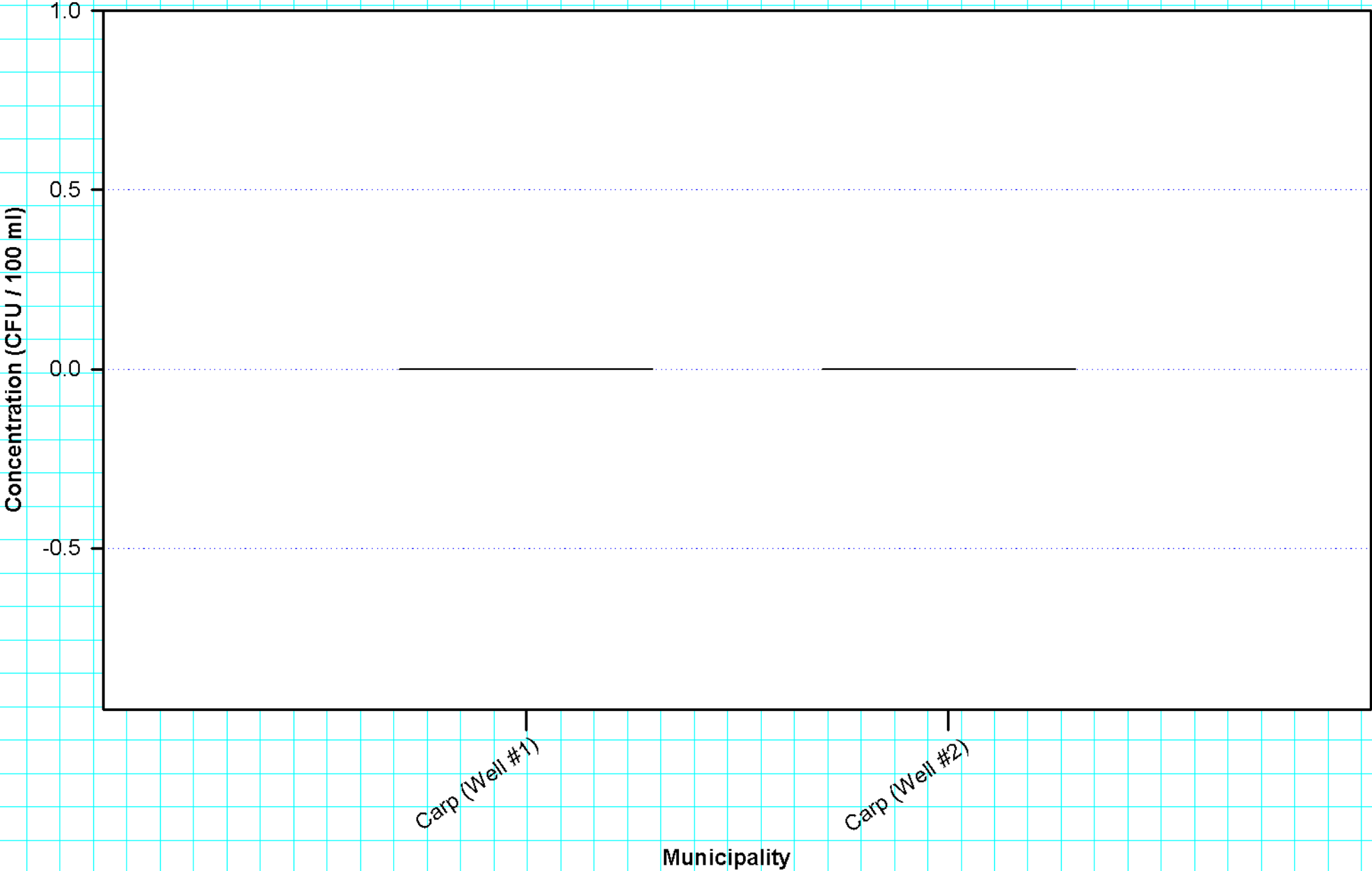
## (Raw Groundwater Samples) 2001 - 2005



DOC

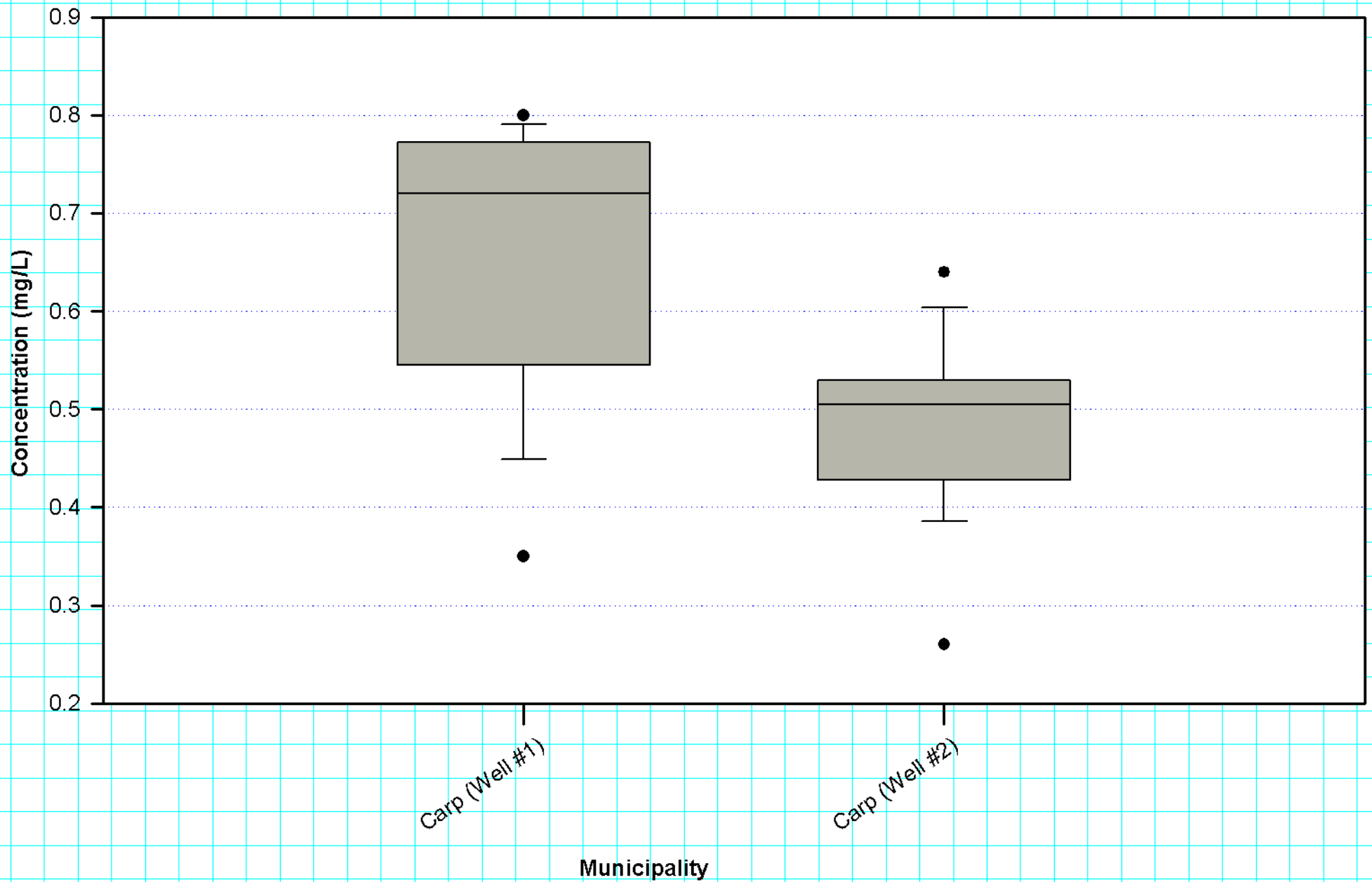
ODWSOG (AO = 5 mg/L)

Mississippi - Rideau D-W Systems (City Of Ottawa data)  
(Raw Groundwater Samples) 2001 - 2005



E.coli should not be detected in drinking water. (ODWQS)

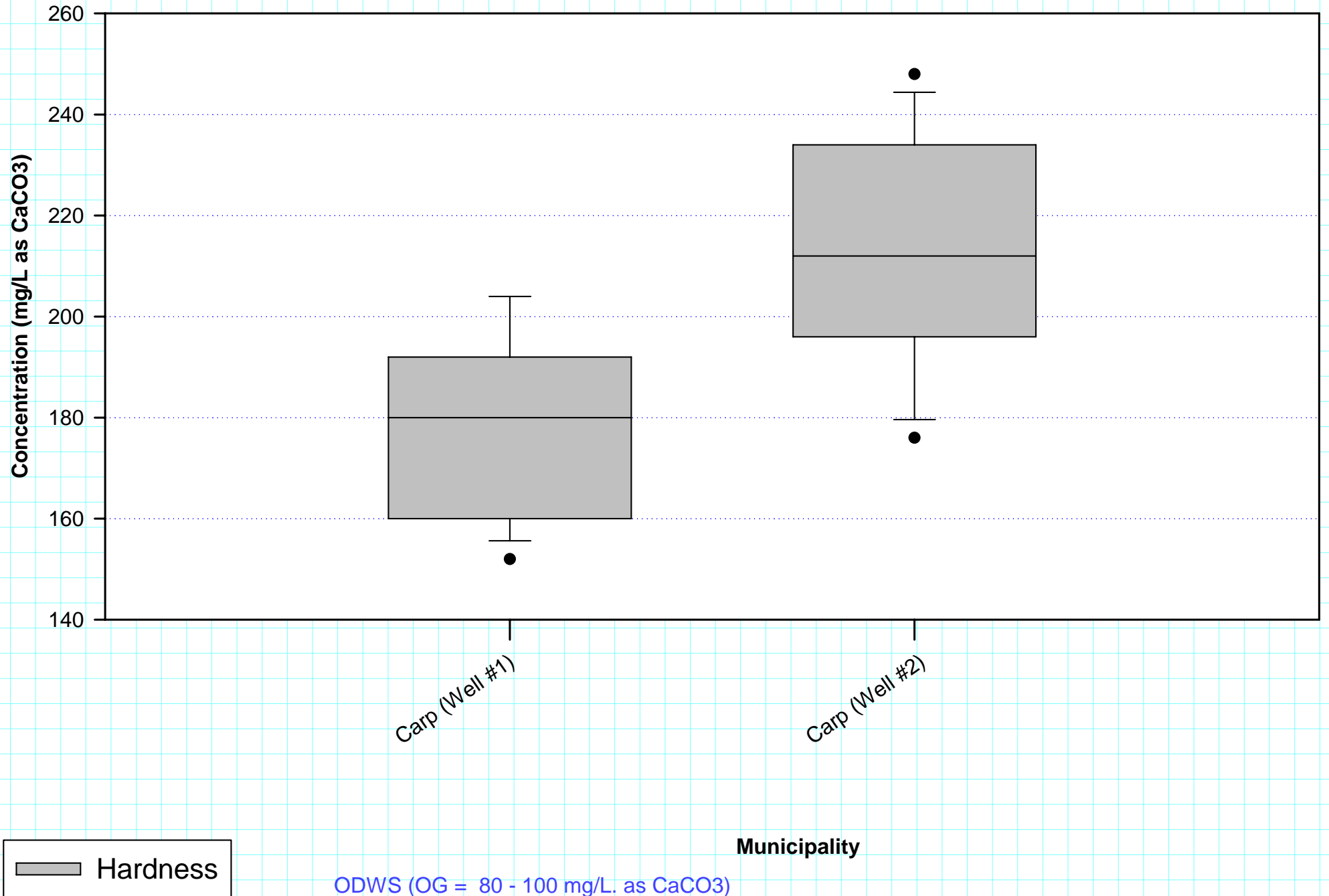
Mississippi - Rideau D-W Systems (City Of Ottawa data)  
(Raw Groundwater Samples) 2001 - 2005



Fluoride

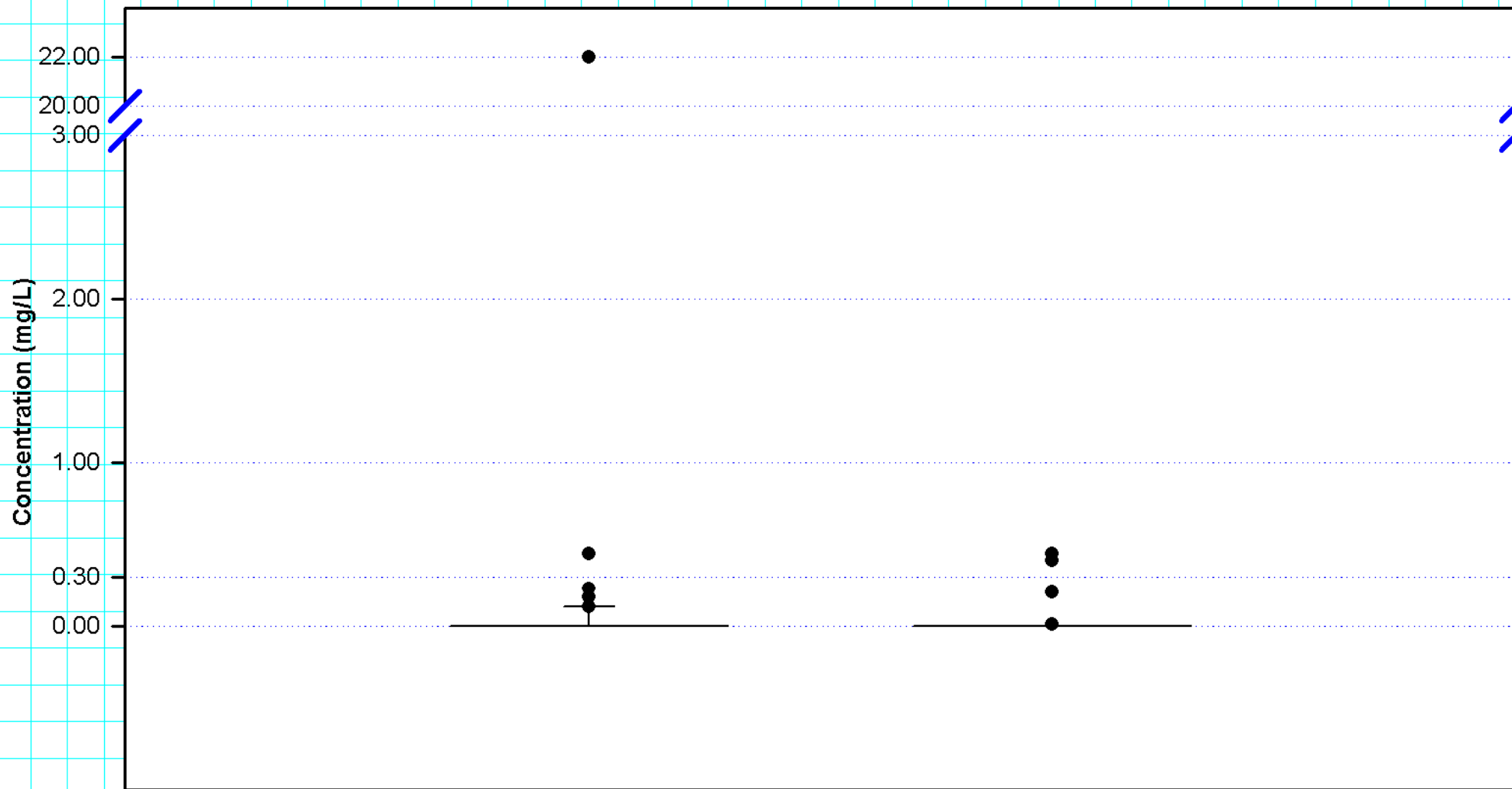
ODWQS (MAC = 1.5 mg/L)

**Mississippi - Rideau D-W Systems (City Of Ottawa data)**  
**(Raw Groundwater Samples) 2001 - 2005**



# Mississippi - Rideau D-W Systems (City Of Ottawadata)

(Raw Groundwater Samples) 2001 - 2005



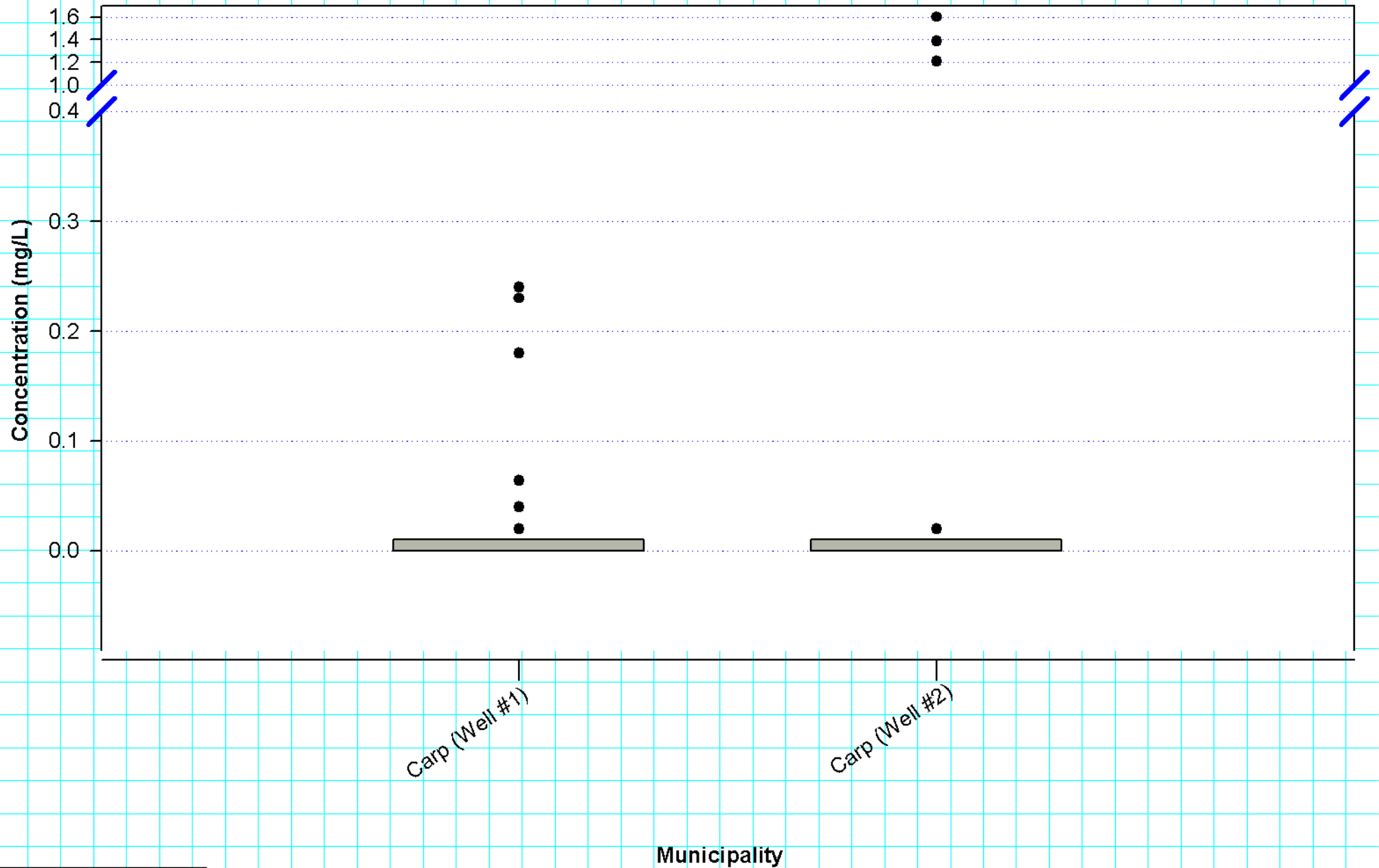
Iron

ODWSOG (AO = 0.30 mg/L)

Municipality

# Mississippi - Rideau D-W Systems (DWIS & City Of Ottawa data)

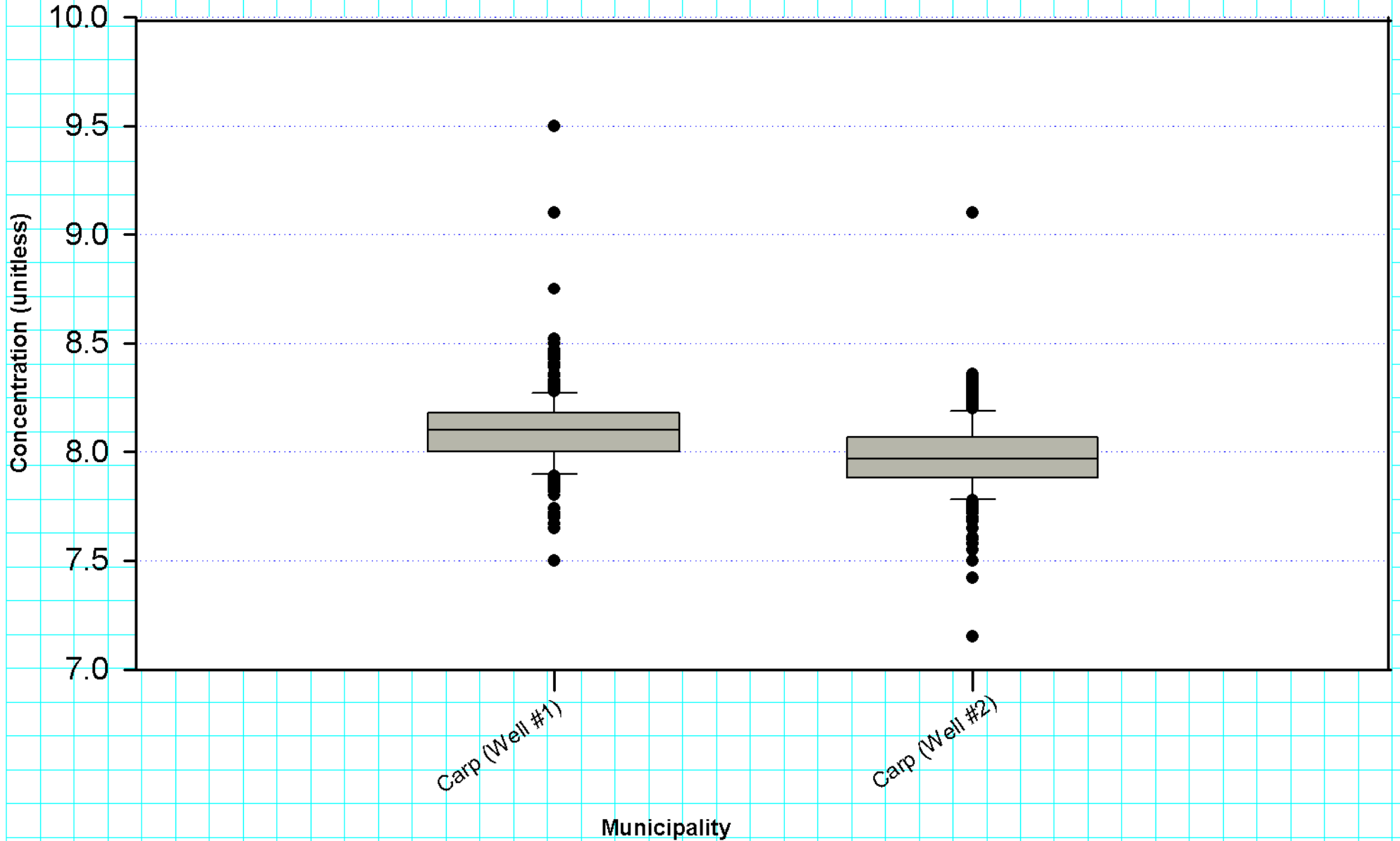
(Raw Groundwater Samples) 2001 - 2005



ODWQS (MAC = 10.0 mg/L)

# Mississippi - Rideau D-W Systems (City Of Ottawa data)

(Raw Groundwater Samples) 2001 - 2005



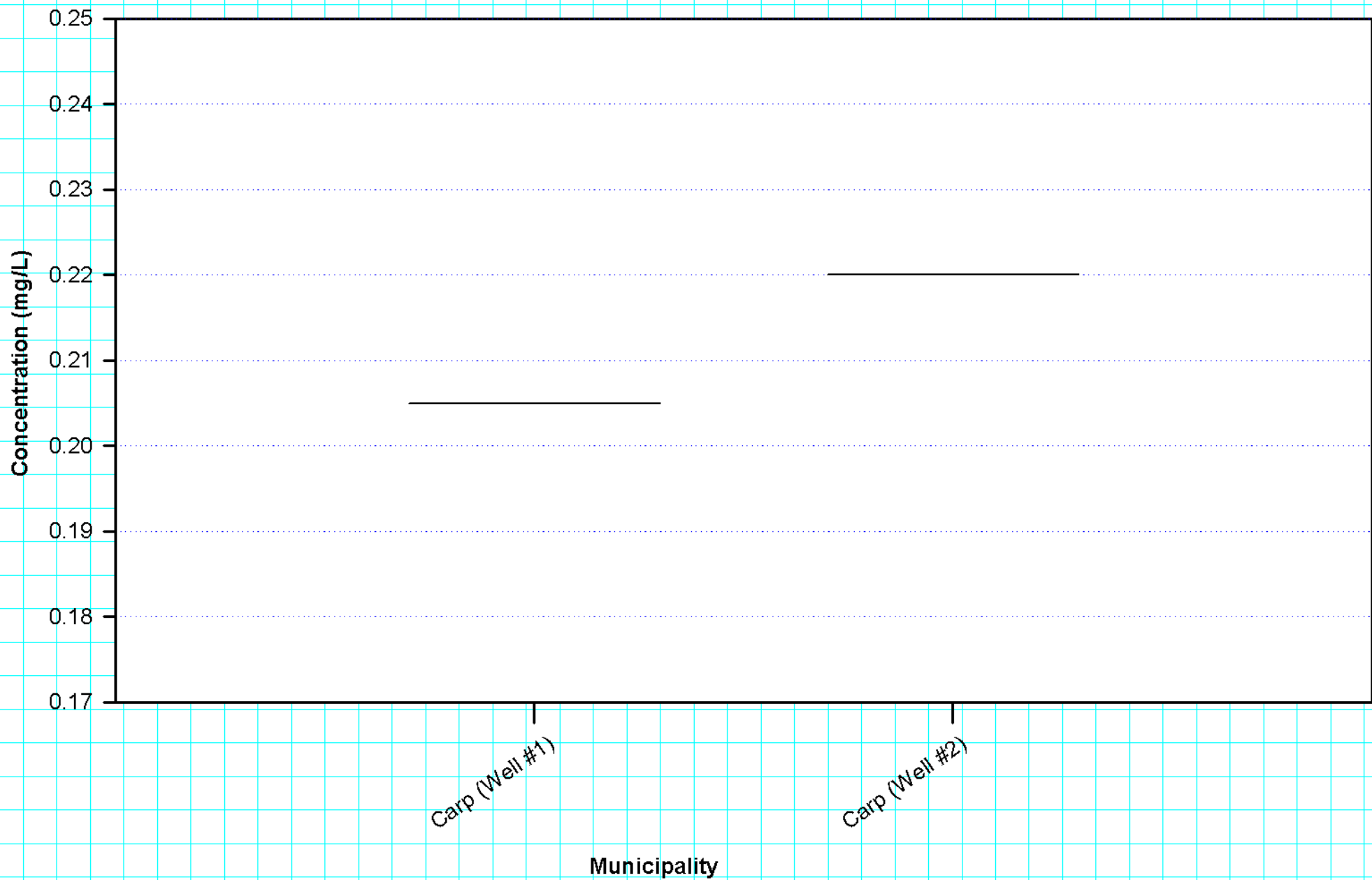
— pH

ODWSOG (OG = 6.5 to 8.5)



# Mississippi - Rideau D-W Systems (City Of Ottawa data)

## (Raw Groundwater Samples) 2001 - 2005

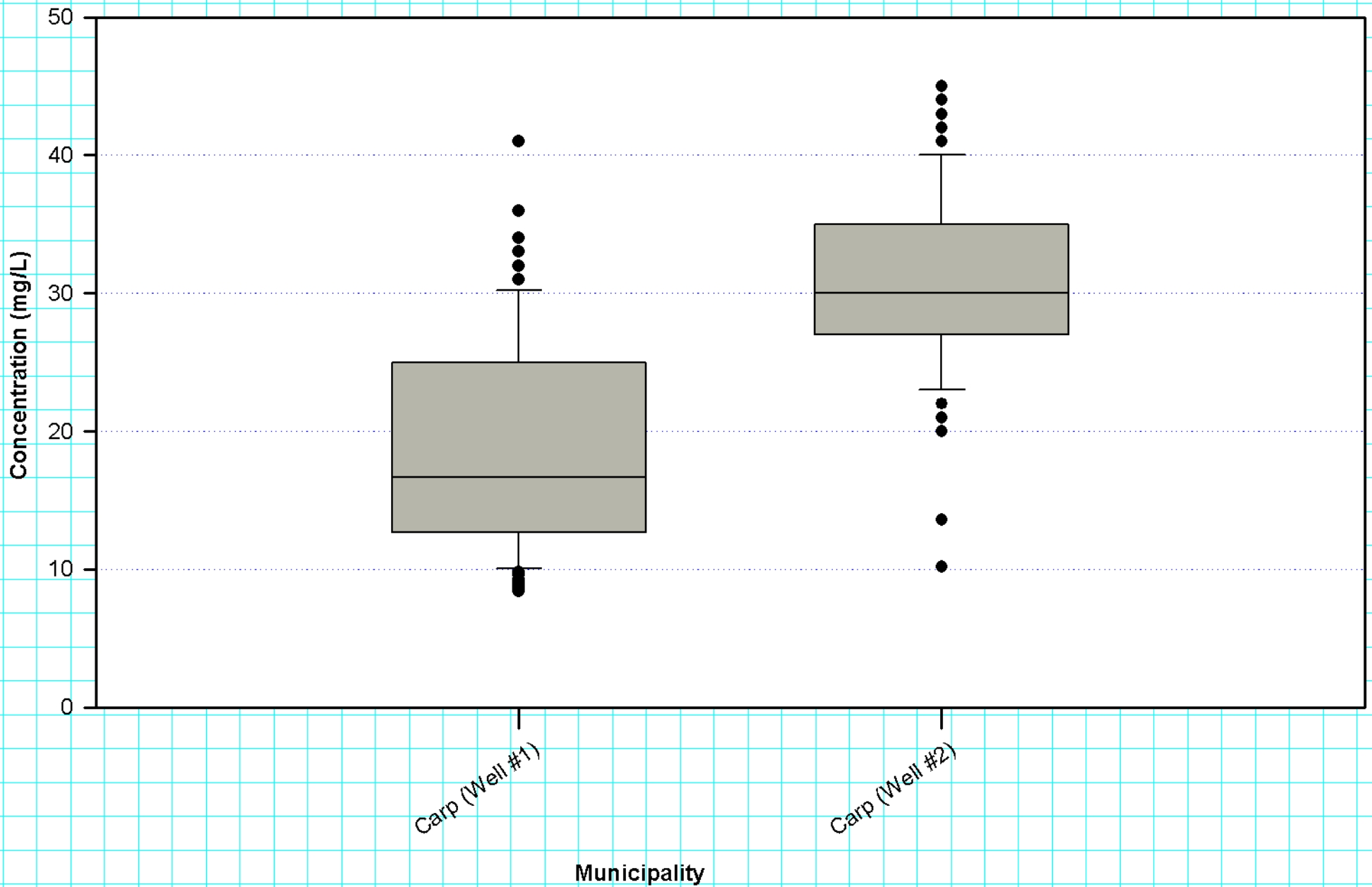


— Sulfide (H<sub>2</sub>S)

ODWSOG (AO = 0.05 mg/L)

# Mississippi - Rideau D-W Systems (City Of Ottawa data)

(Raw Groundwater Samples) 2001 - 2005

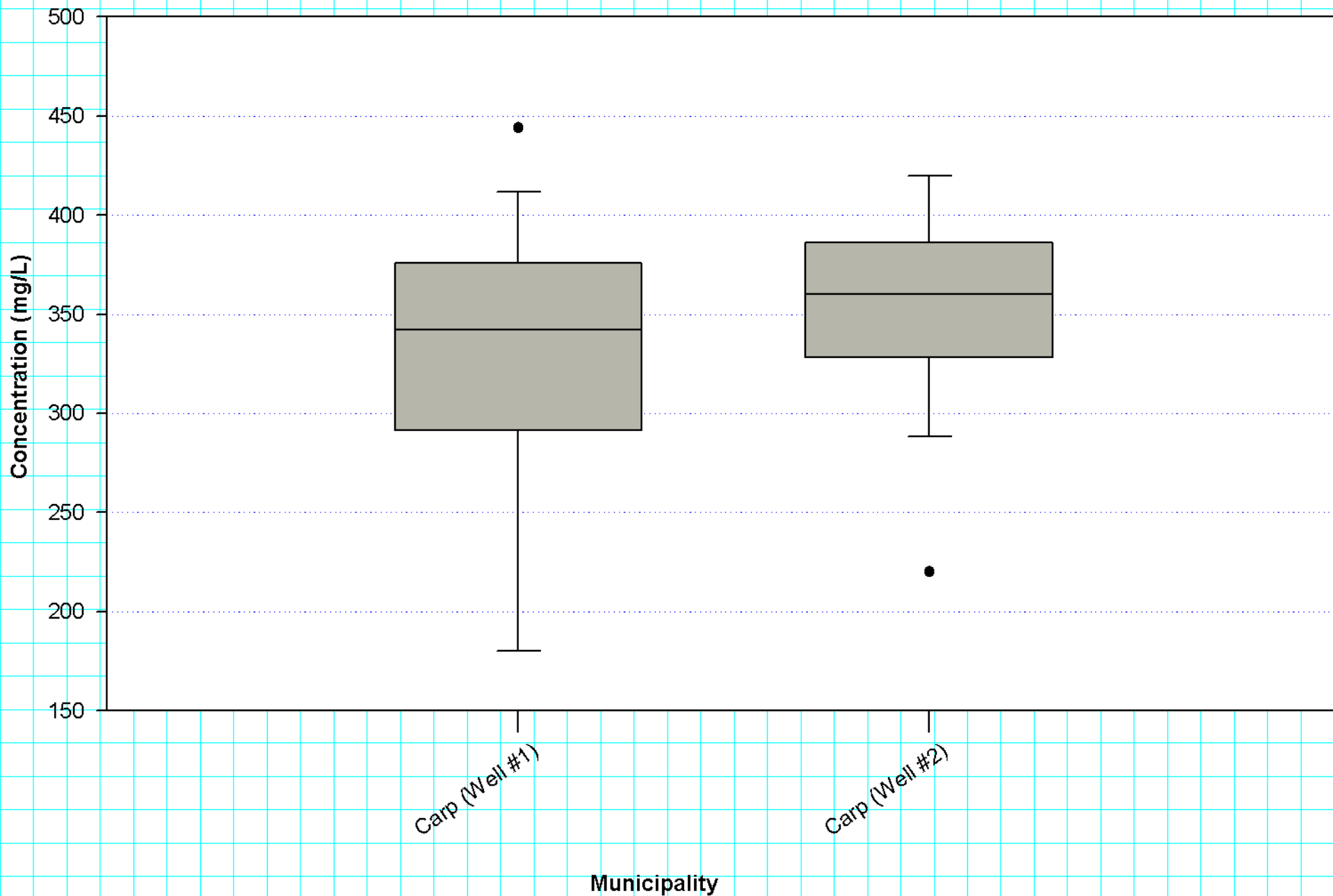


— Sulphate

ODWSOG (AO = 500 mg/L)

# Mississippi - Rideau D-W Systems (City Of Ottawa data)

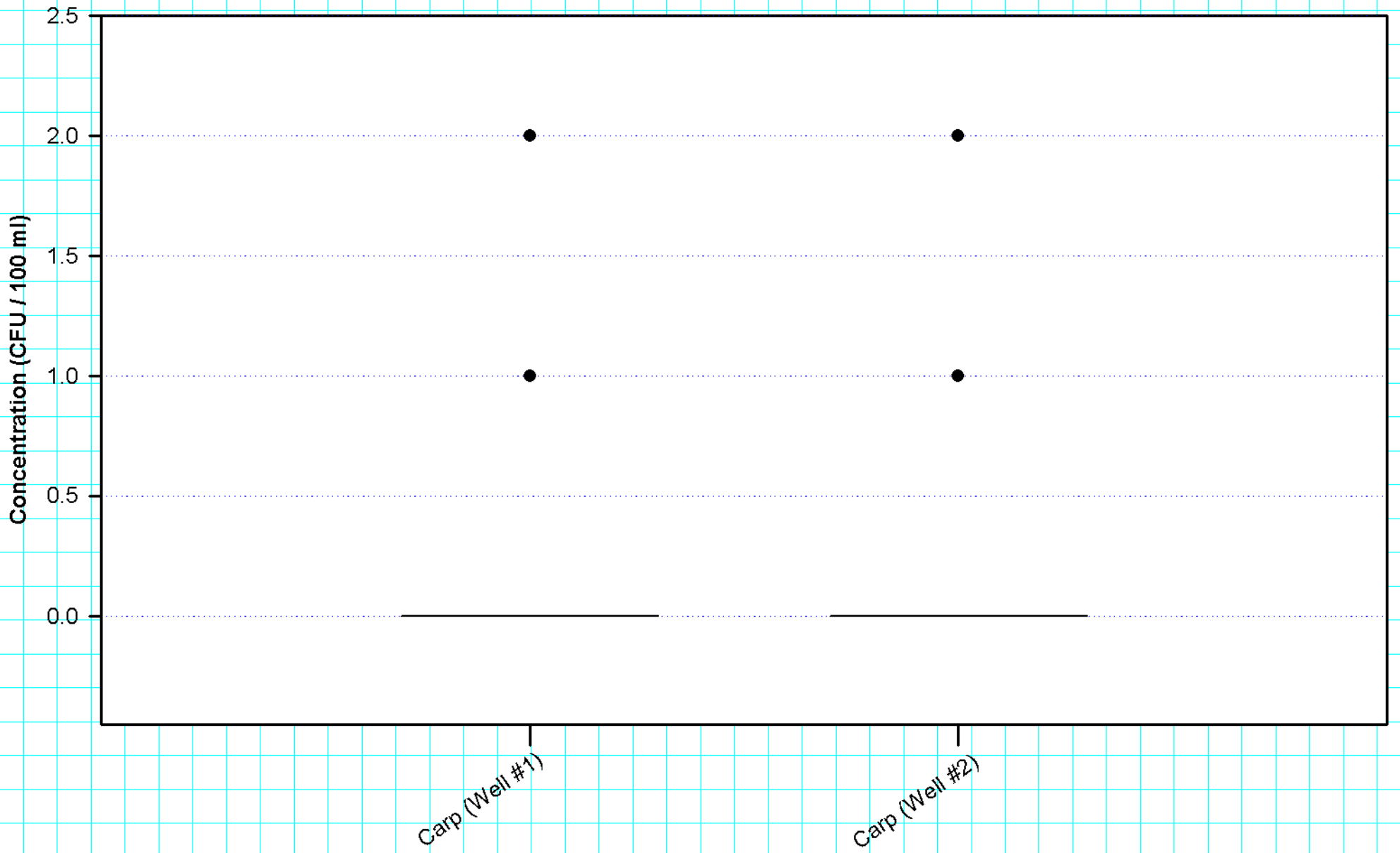
(Raw Groundwater Samples) 2001 - 2005



— Total Dissolved Solids

ODWSOG (AO = 500 mg/L)

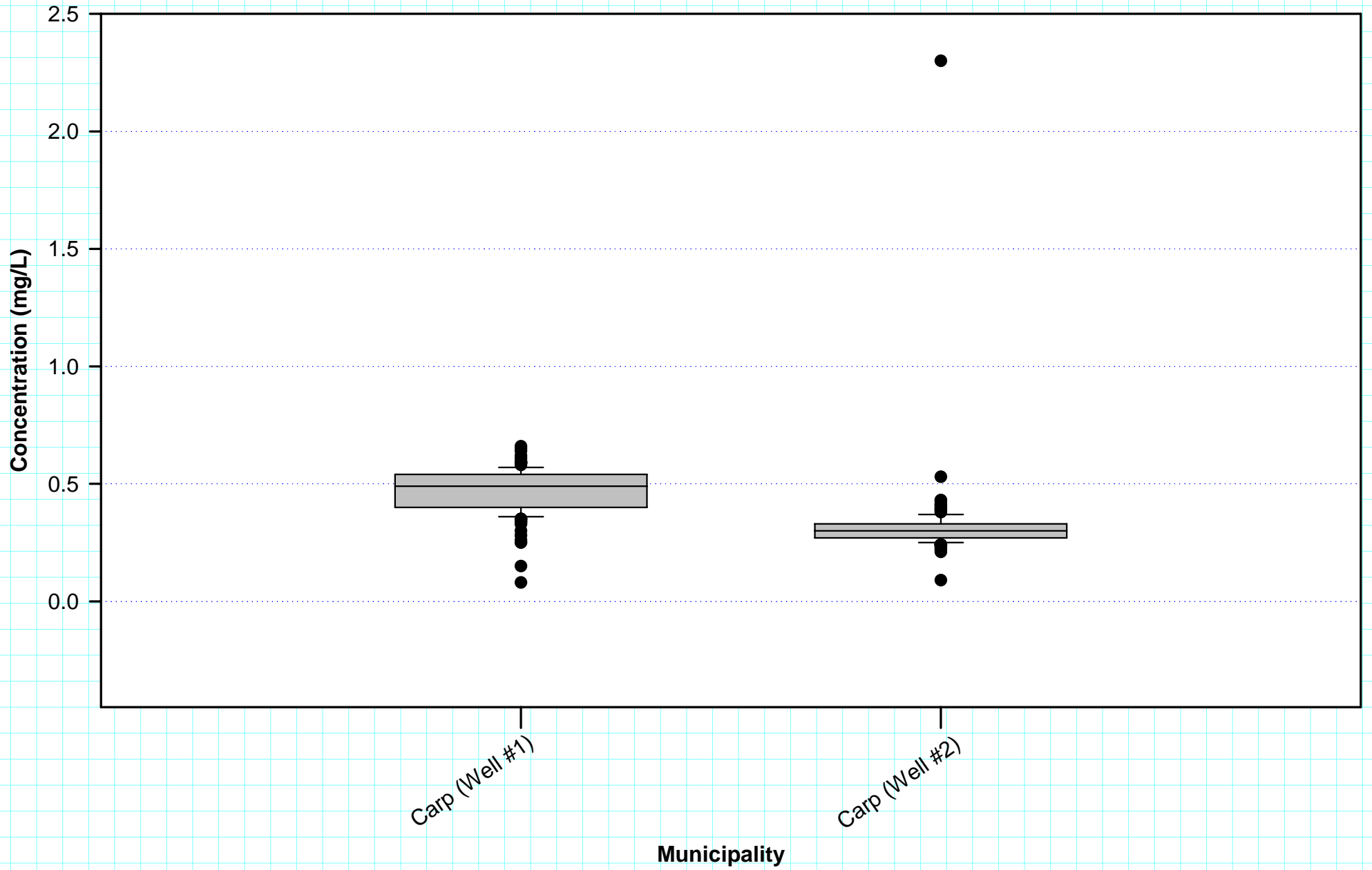
Mississippi - Rideau D-W Systems (City Of Ottawa data)  
(Raw Groundwater Samples) 2001 - 2005



— Total Coliform

Total coliform should not be detected in drinking water. (ODWQS)

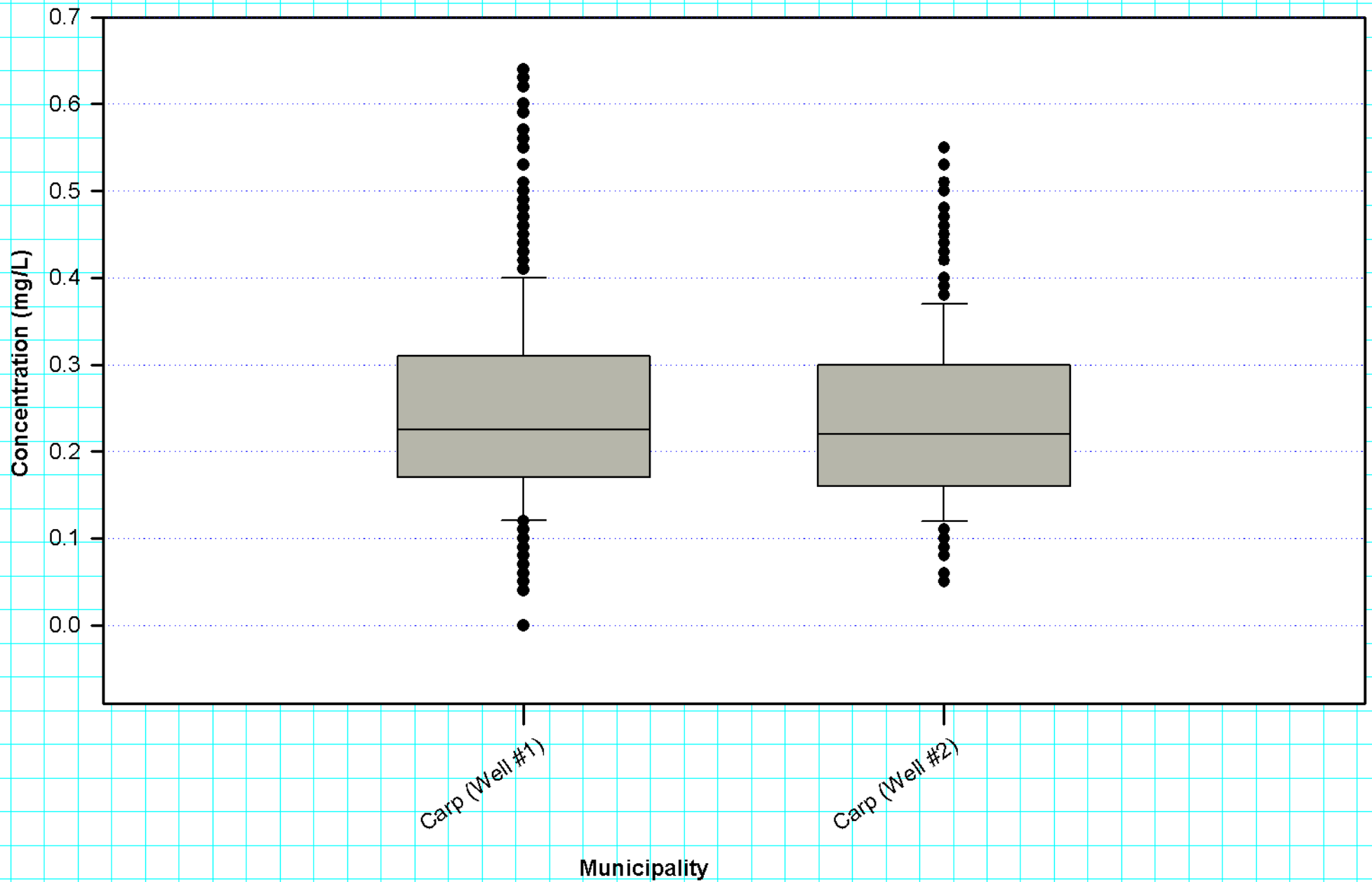
Mississippi - Rideau D-W Systems (DWIS & City Of Ottawa data)  
(Raw Groundwater Samples) 2001 - 2005



— Total Kjeldahl nitrogen\*

EC (0.5 mg/L)

Mississippi - Rideau D-W Systems (City Of Ottawa data)  
(Raw Groundwater Samples) 2001 - 2005



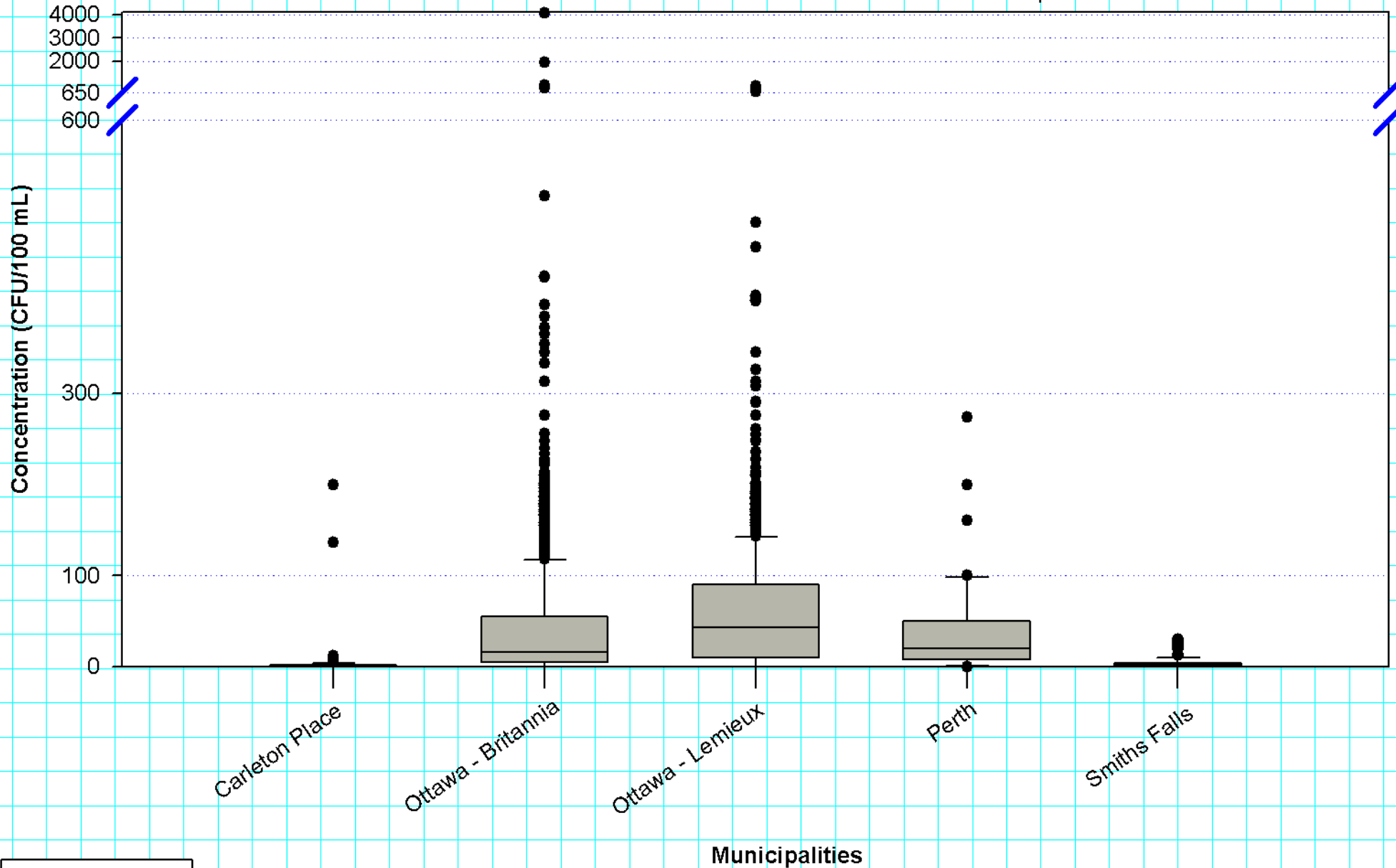
Turbidity

ODWSOG (AO = 5 NTU)

# Mississippi - Rideau D-W Systems (DWIS data)

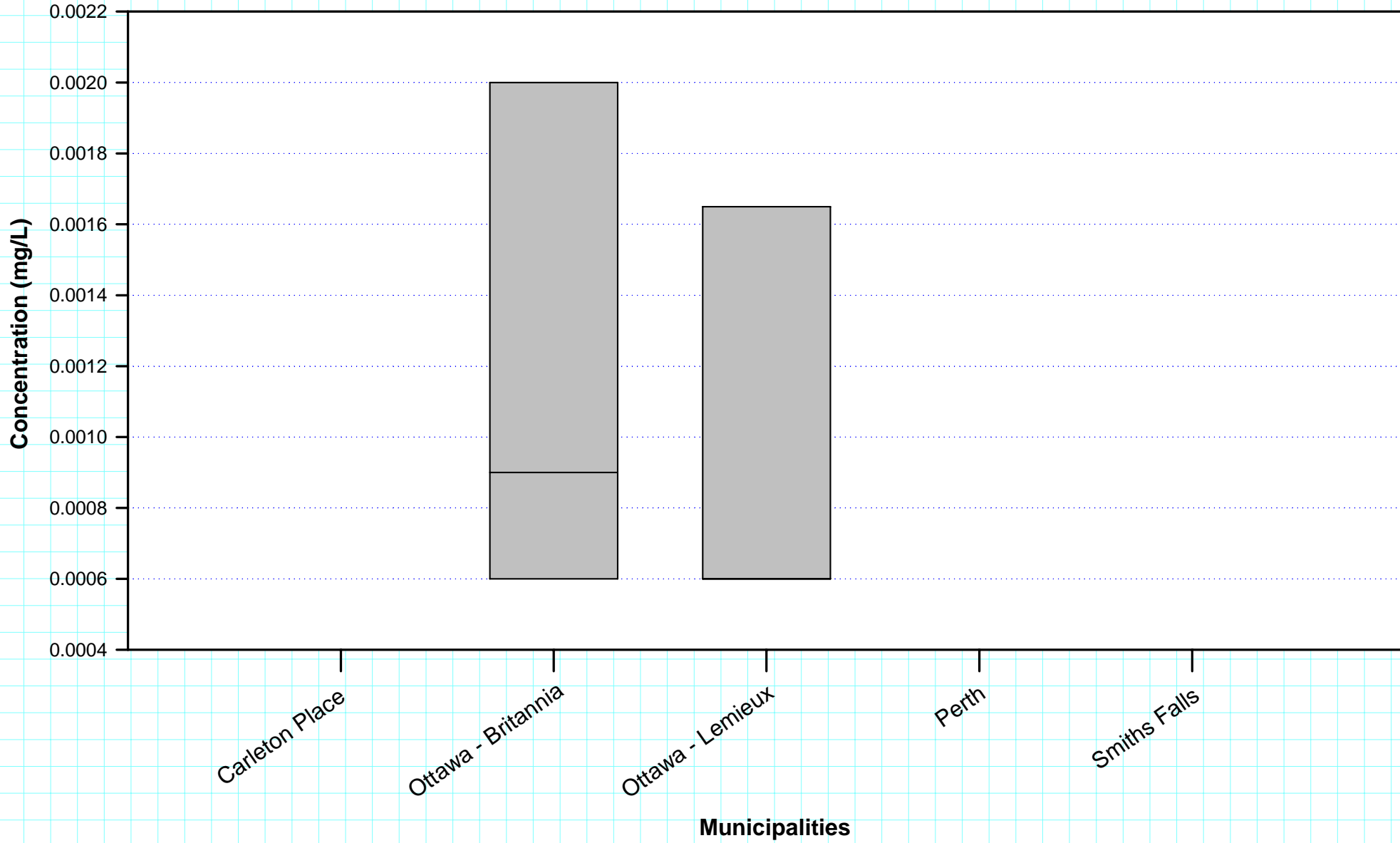
## (Raw Surface Water Samples) 1998 - 2006

\*The scale of the graph was reduced, and as a result the sample from 9/19/2005 of 50101.0 CFU/100 mL for Lemieux Island was not plotted.



PWQO (100 CFU/100 mL)

**Mississippi - Rideau D-W Systems (DWIS data)  
(Raw Surface Water Samples) 1998 - 2006**



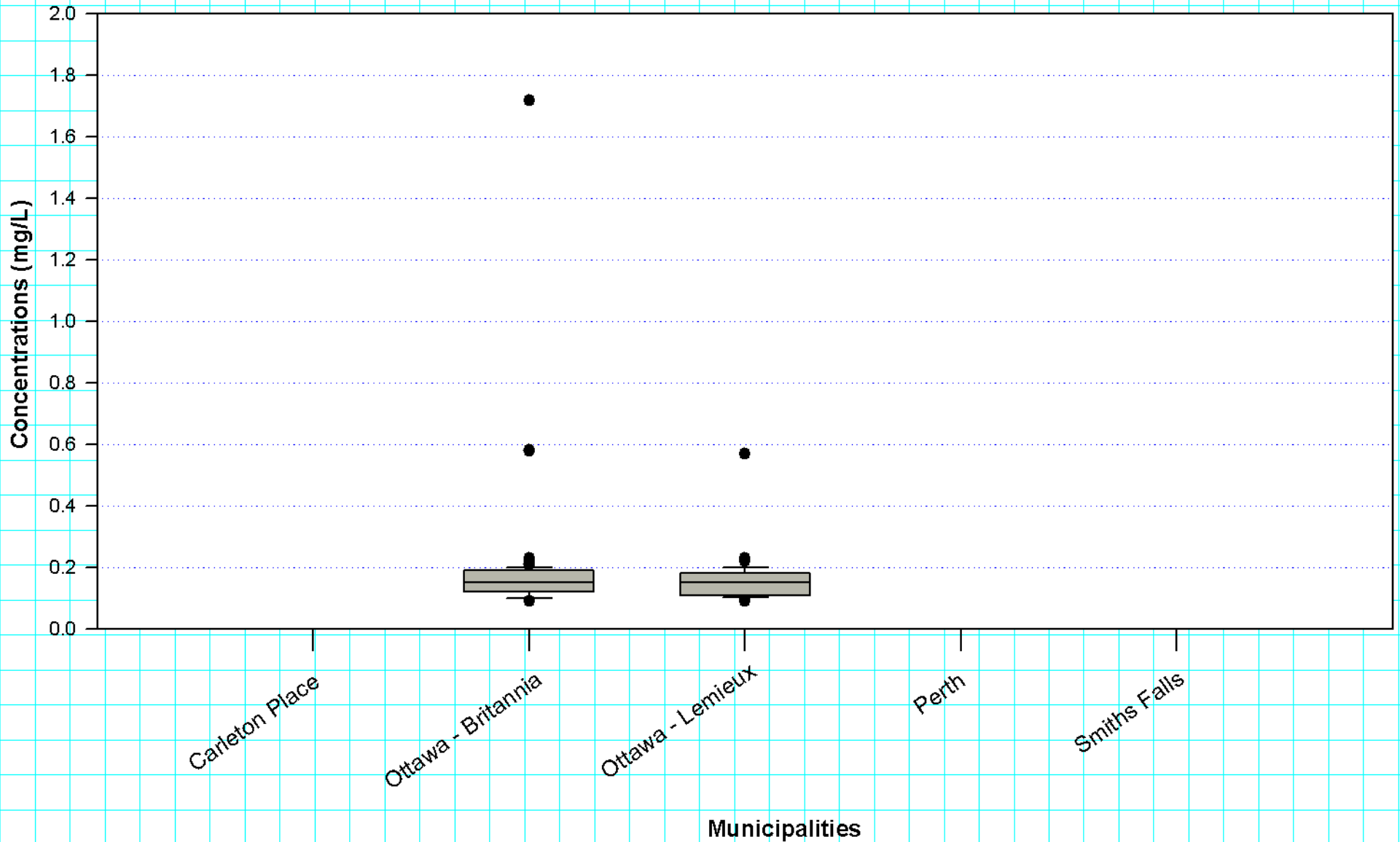
Lead

The PWQO for lead varies from 0.005 mg/L to 0.025mg/L depending upon alkalinity concentrations. Interim Criteria is also a



# Mississippi - Rideau D-W Systems (DWIS data) (Raw Surface Water Samples) 1998 - 2006

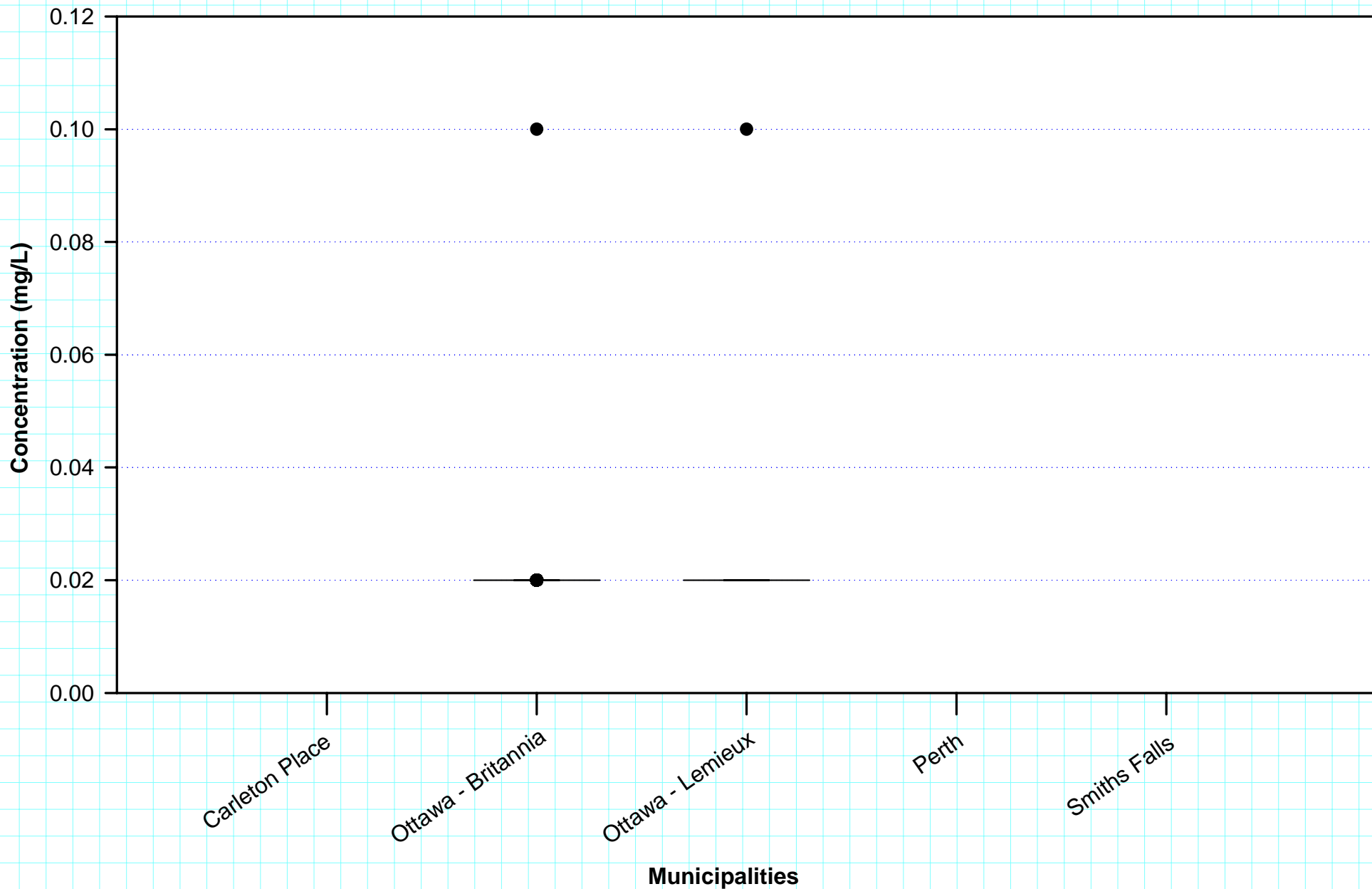
\*The scale of the graph was reduced and as a result the sample from 5/5/2003 of 4.500 mg/L is not plotted.



— Nitrate

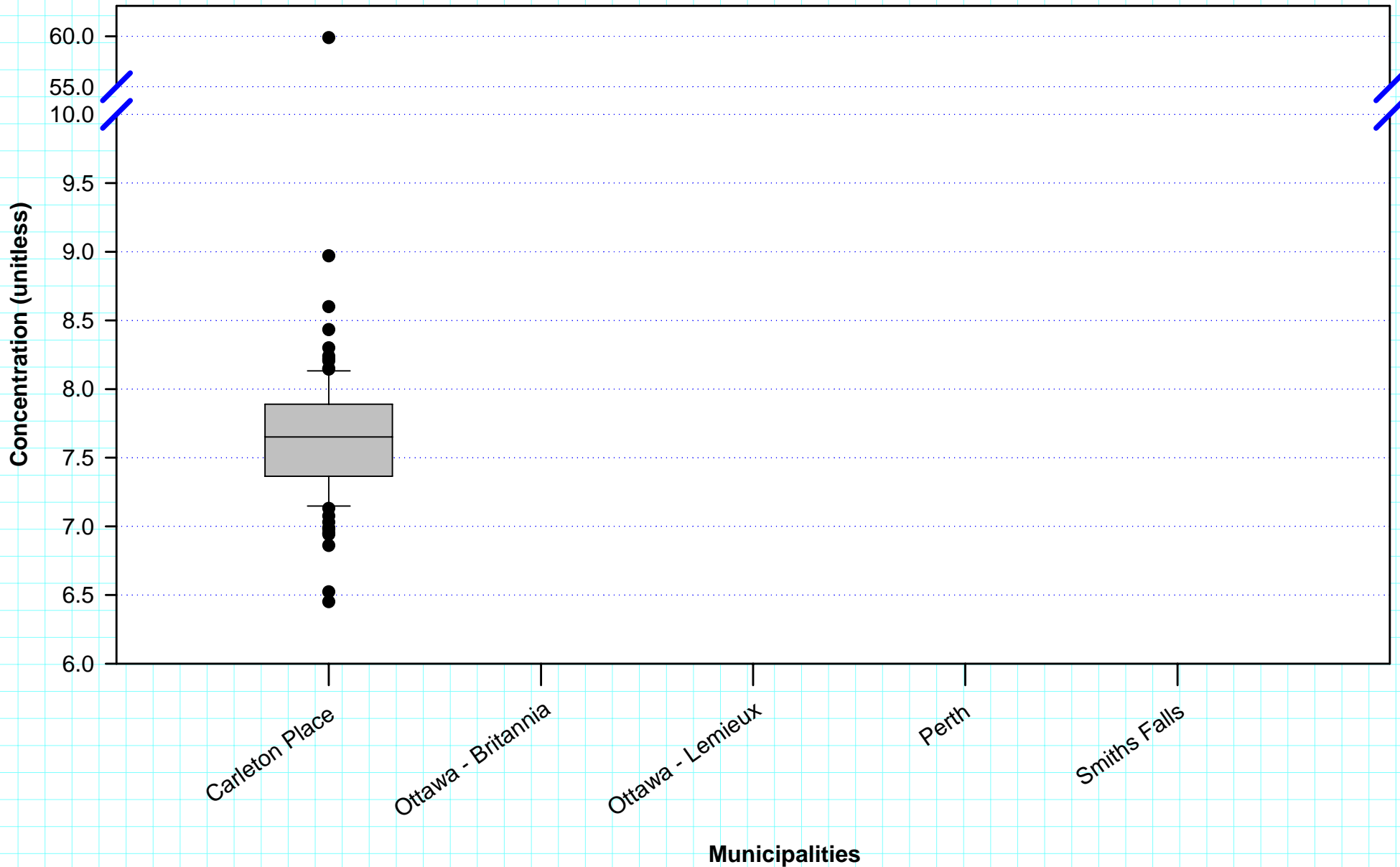
ODWQS (MAC = 10.0 mg/L)

**Mississippi - Rideau D-W Systems (DWIS data)  
(Raw Surface Water Samples) 1998 - 2006**



CWQG (Chap. 4 = 0.06 mg/L)

Mississippi - Rideau D-W Systems (Carleton Place Water Treatment Plant data)  
(Raw Surface Water Samples) 1998 - 2006



■ pH

PWQO (6.5 to 8.5)