

Trend Analysis

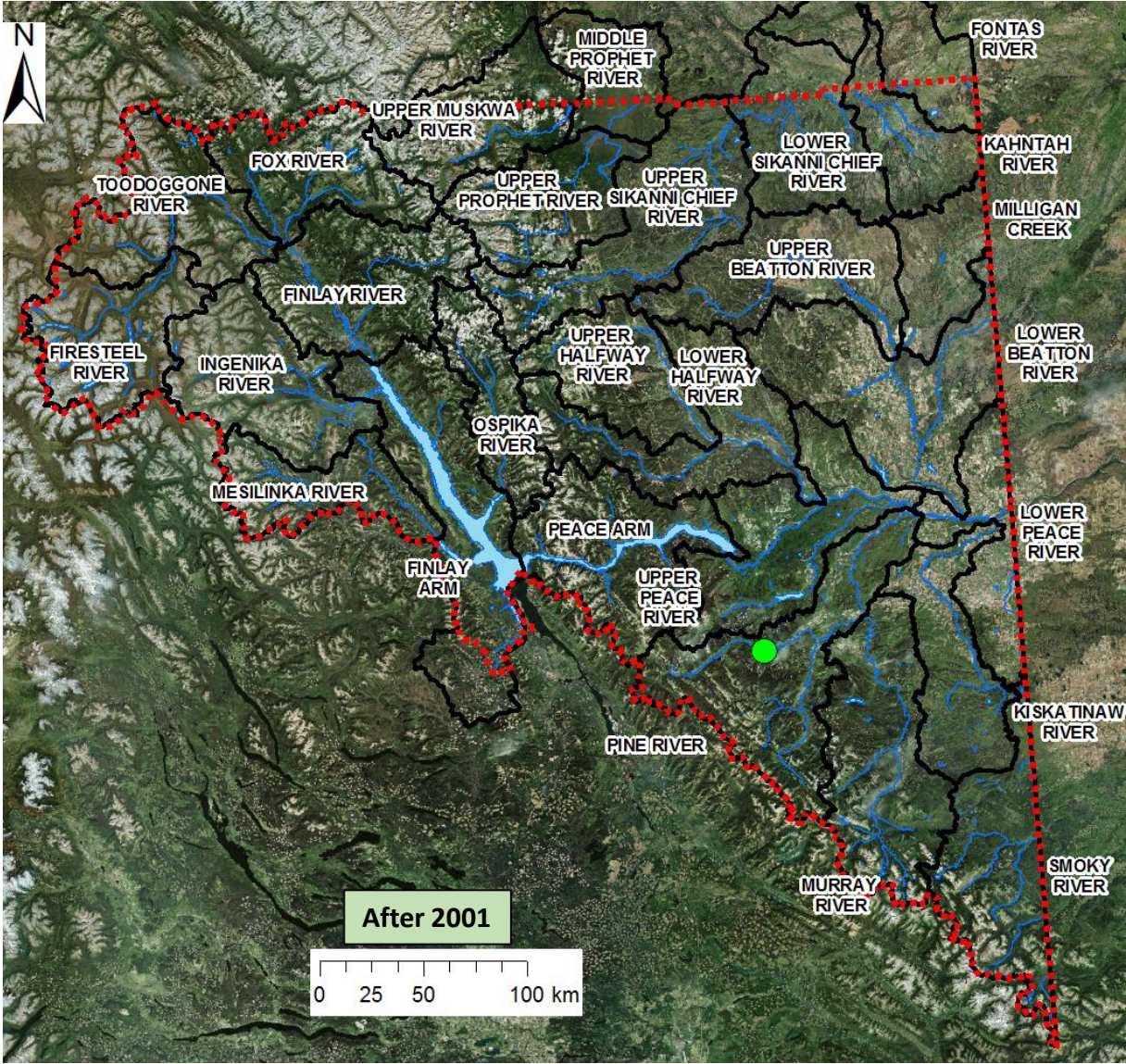
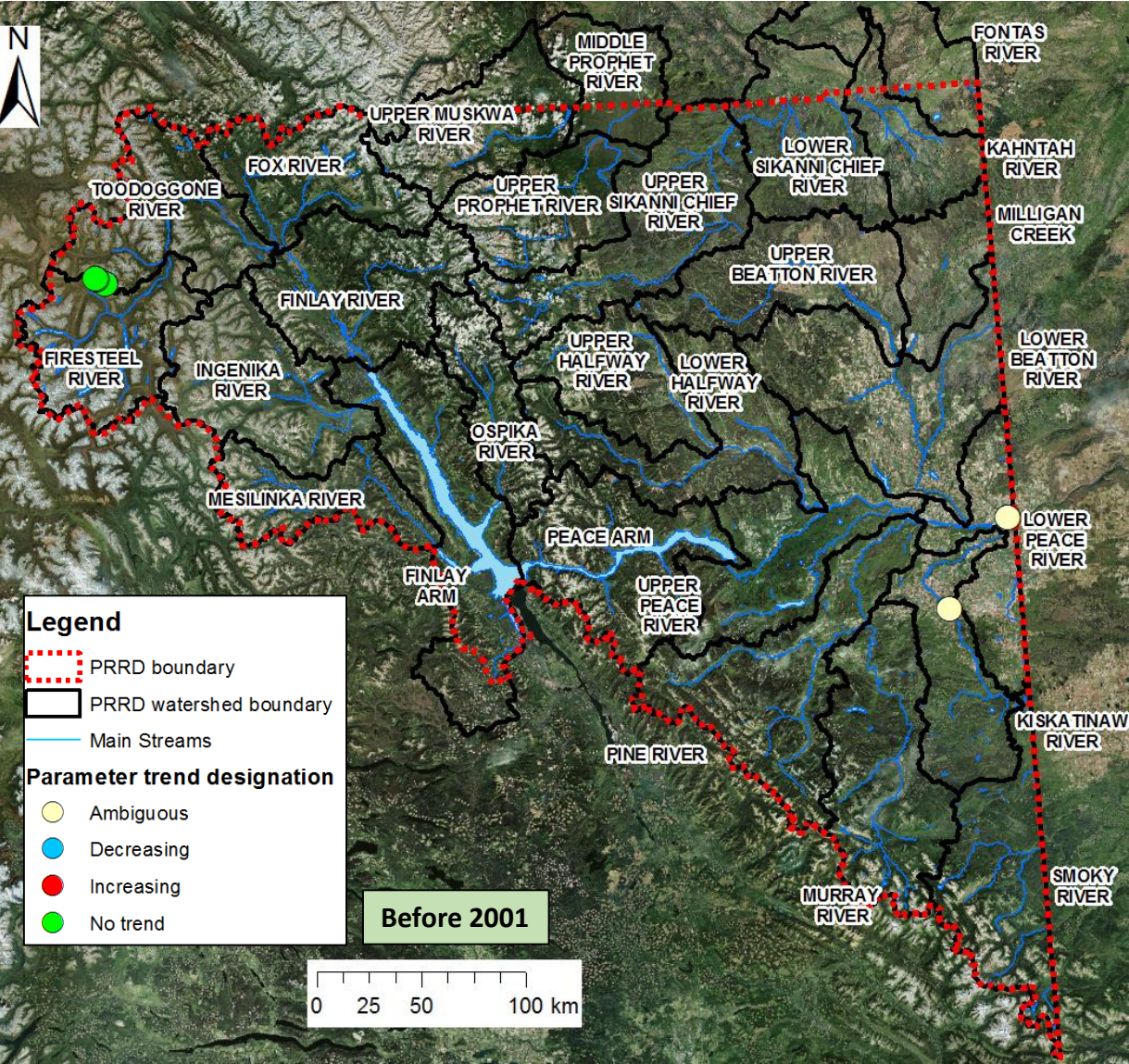
Surface Water Quality

PRRD

Metals

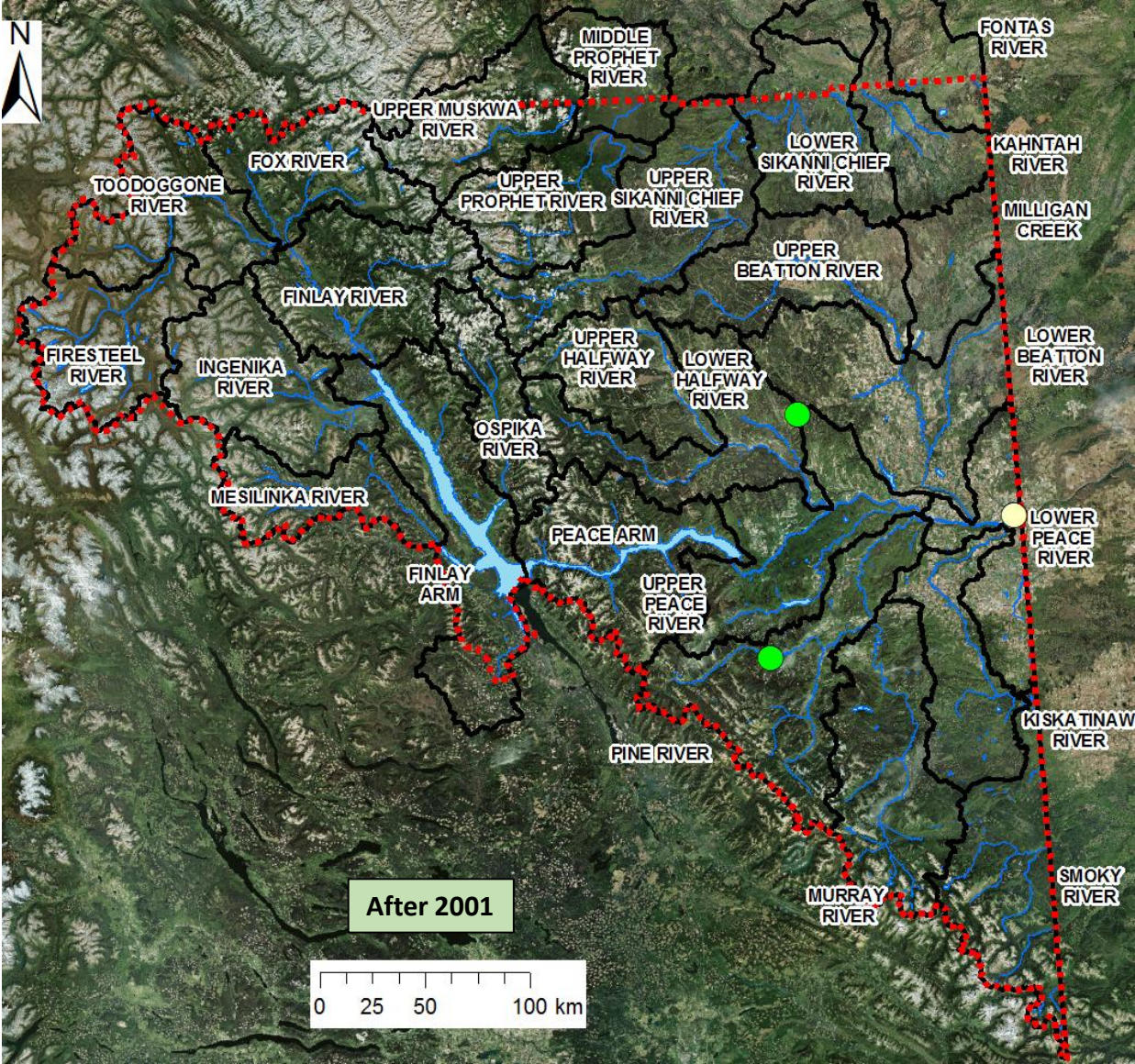
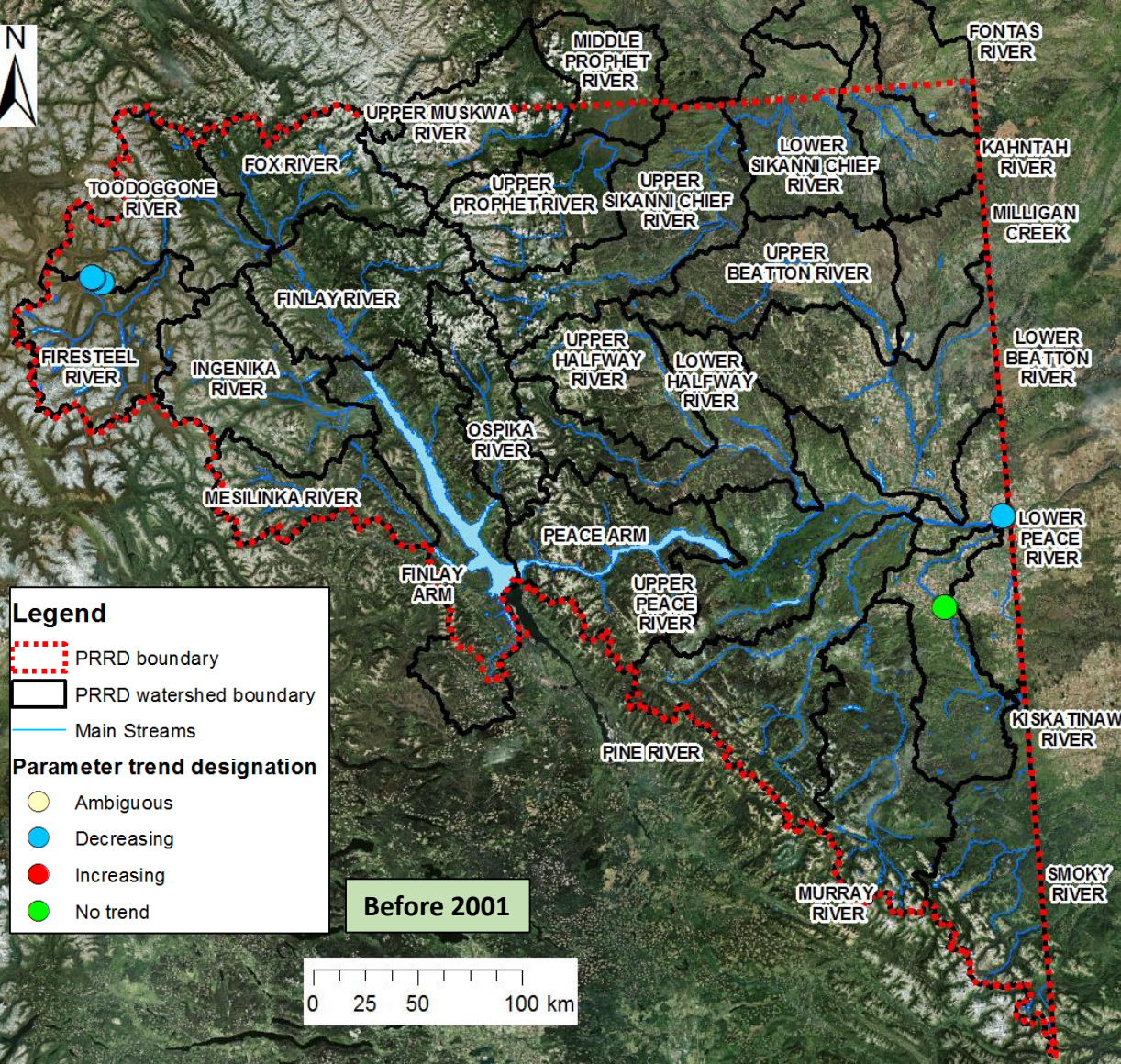


Aluminum (total)



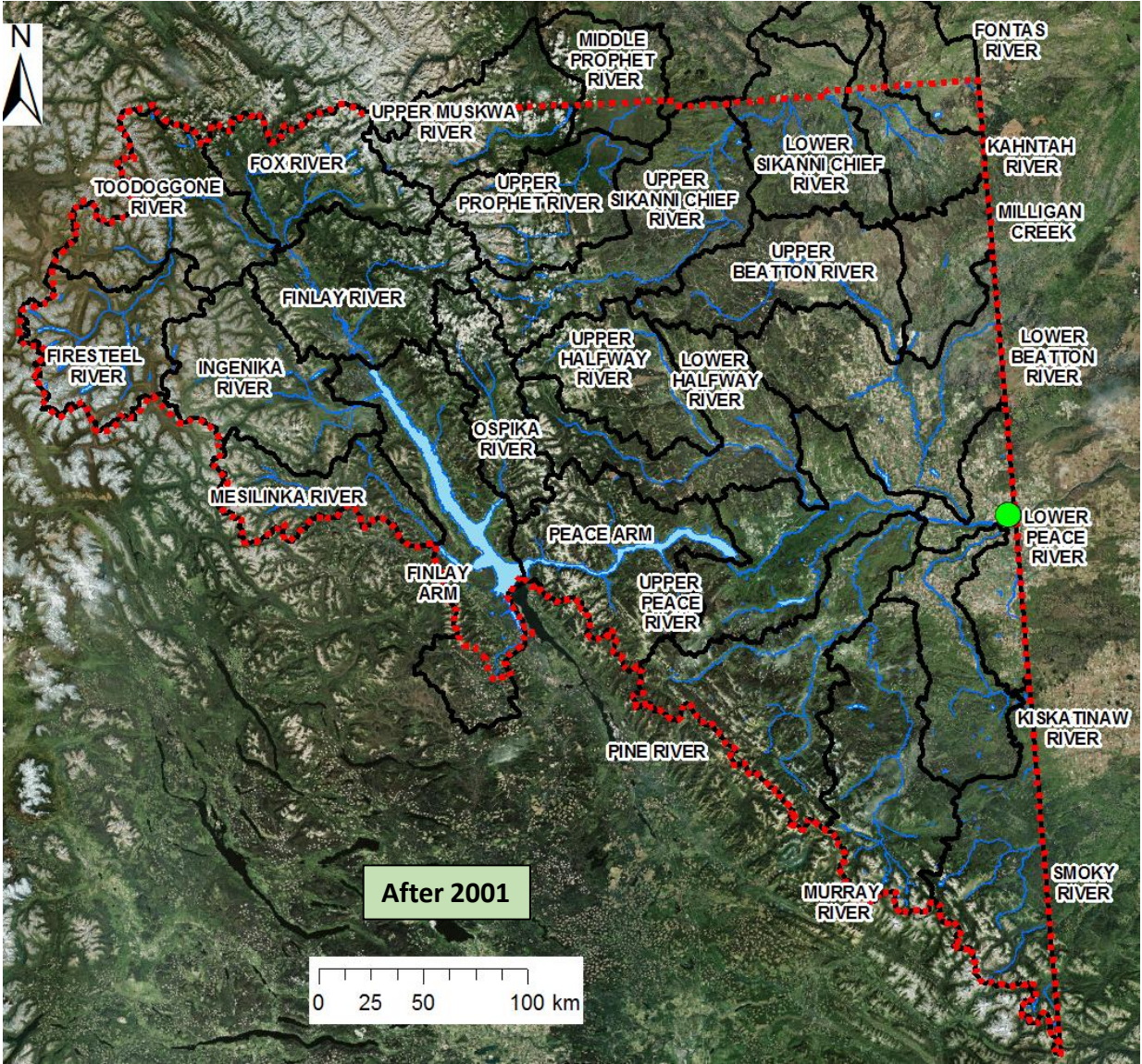
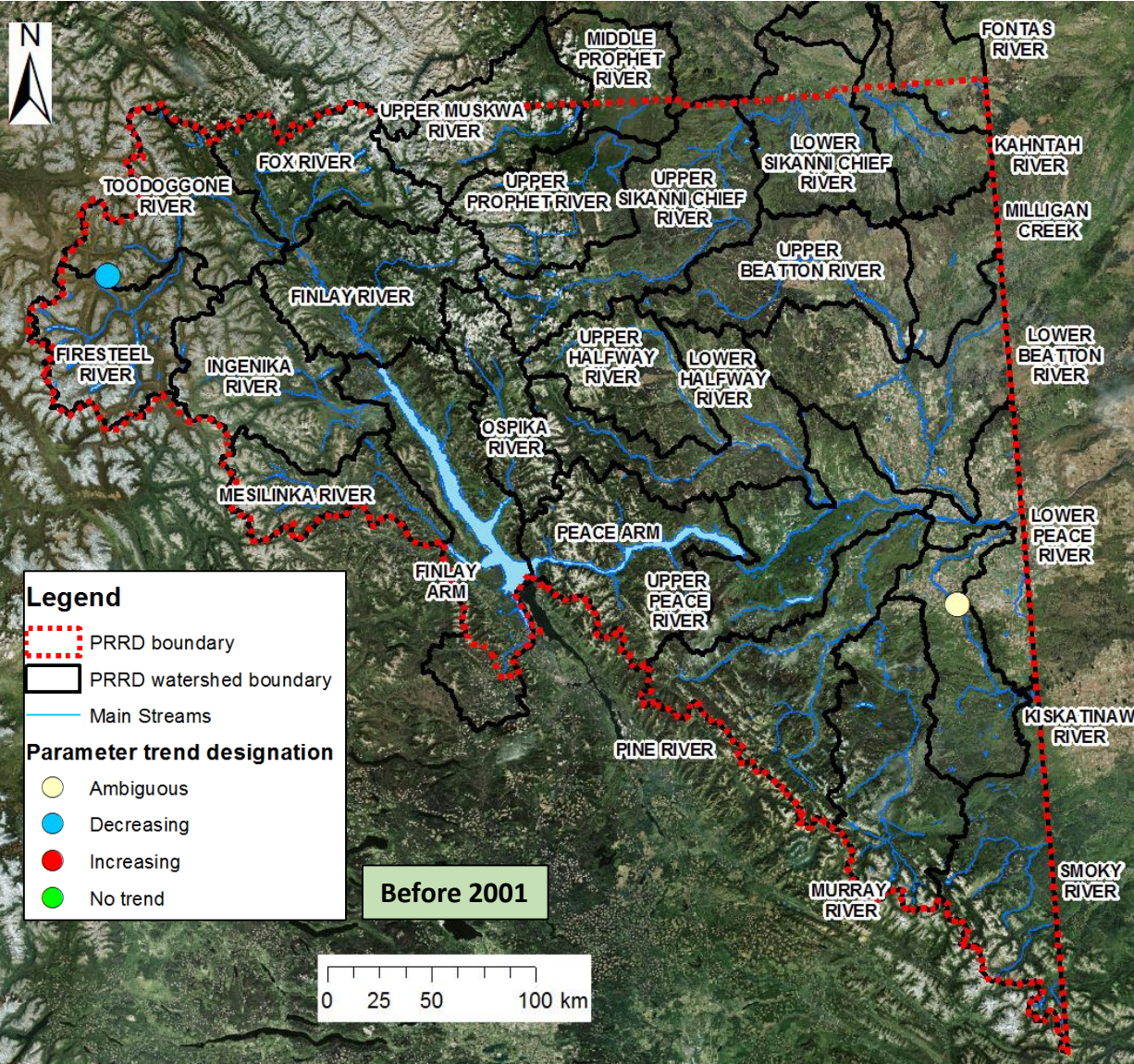


Arsenic (total)



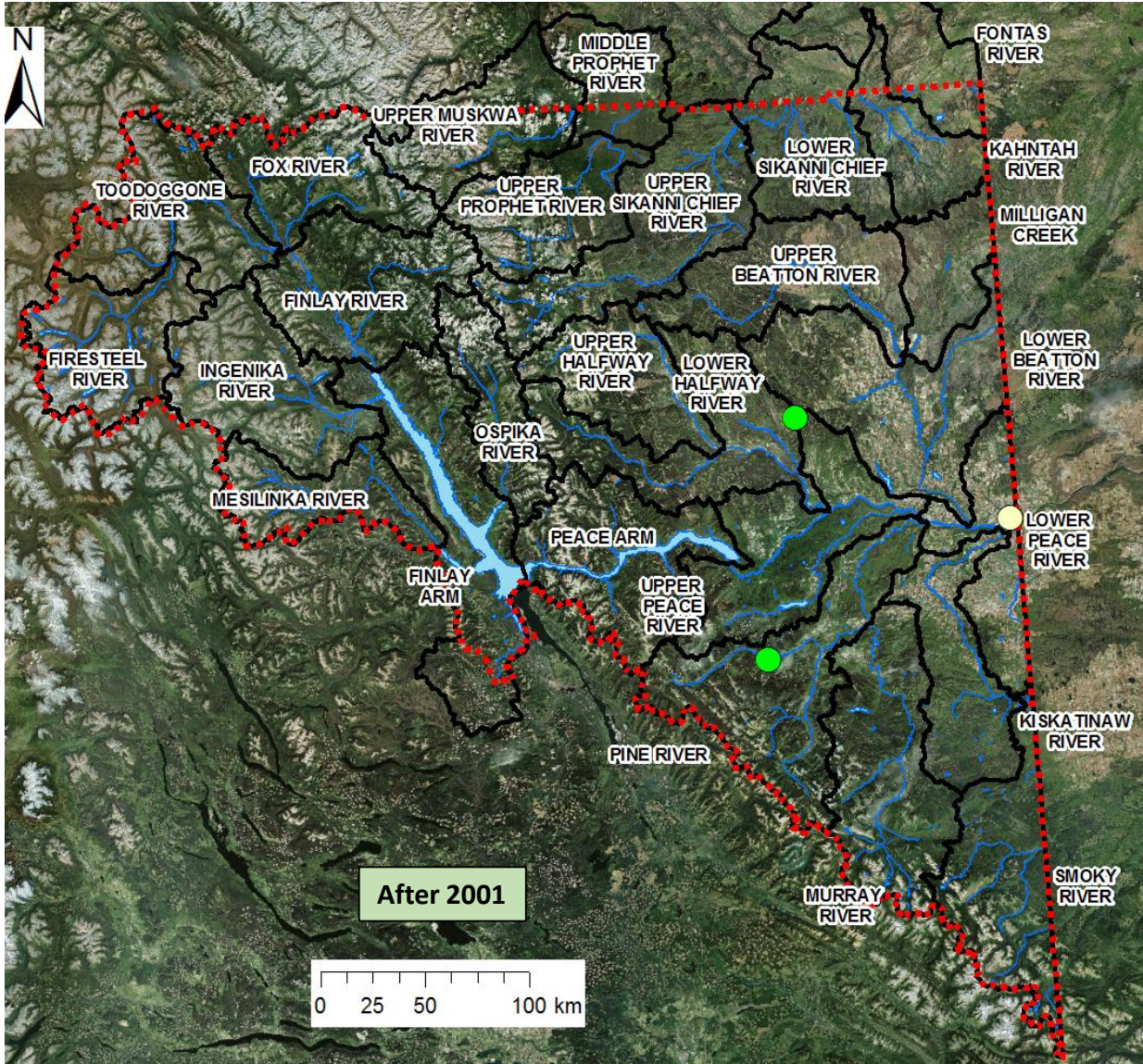
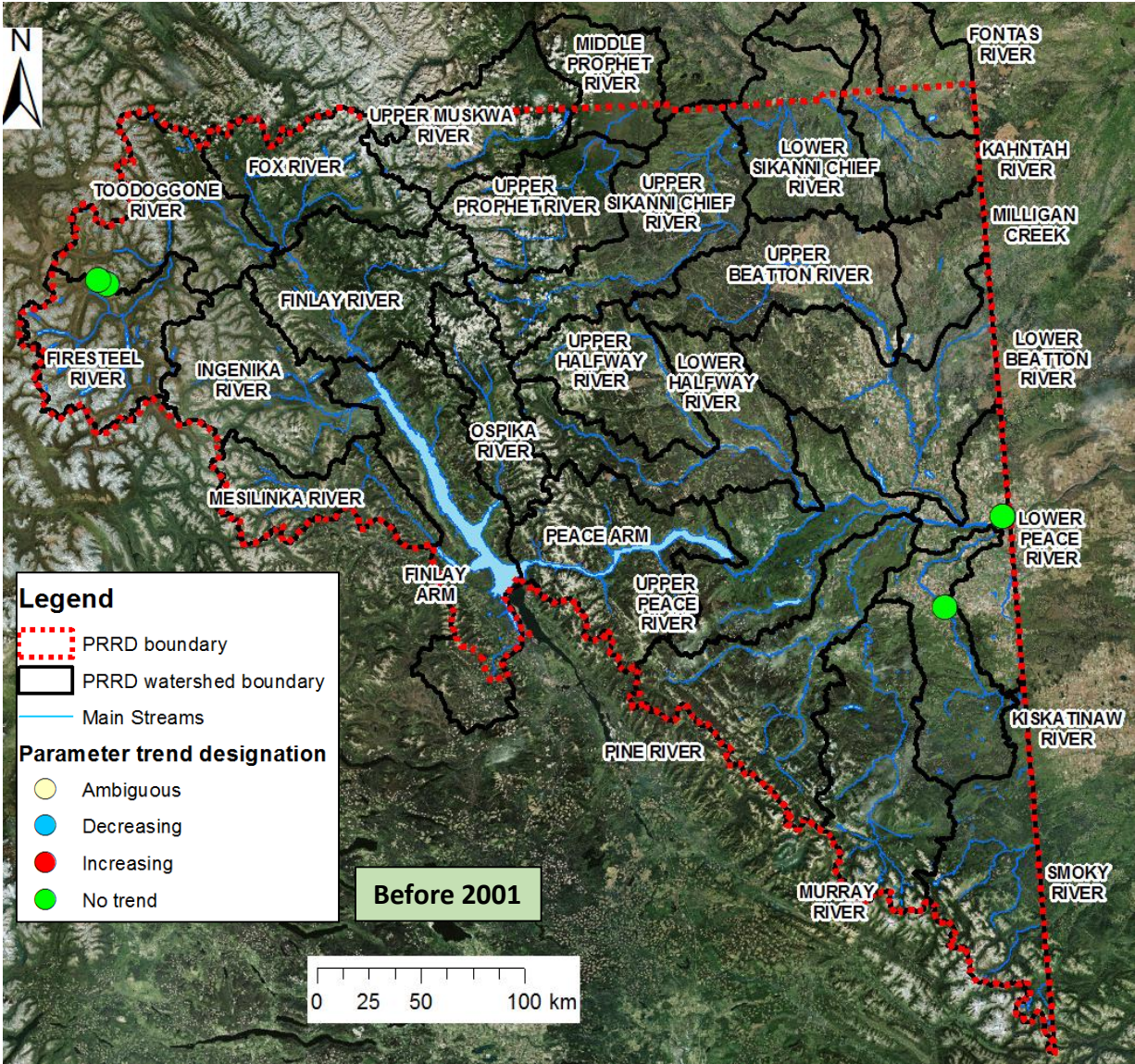


Boron (total)



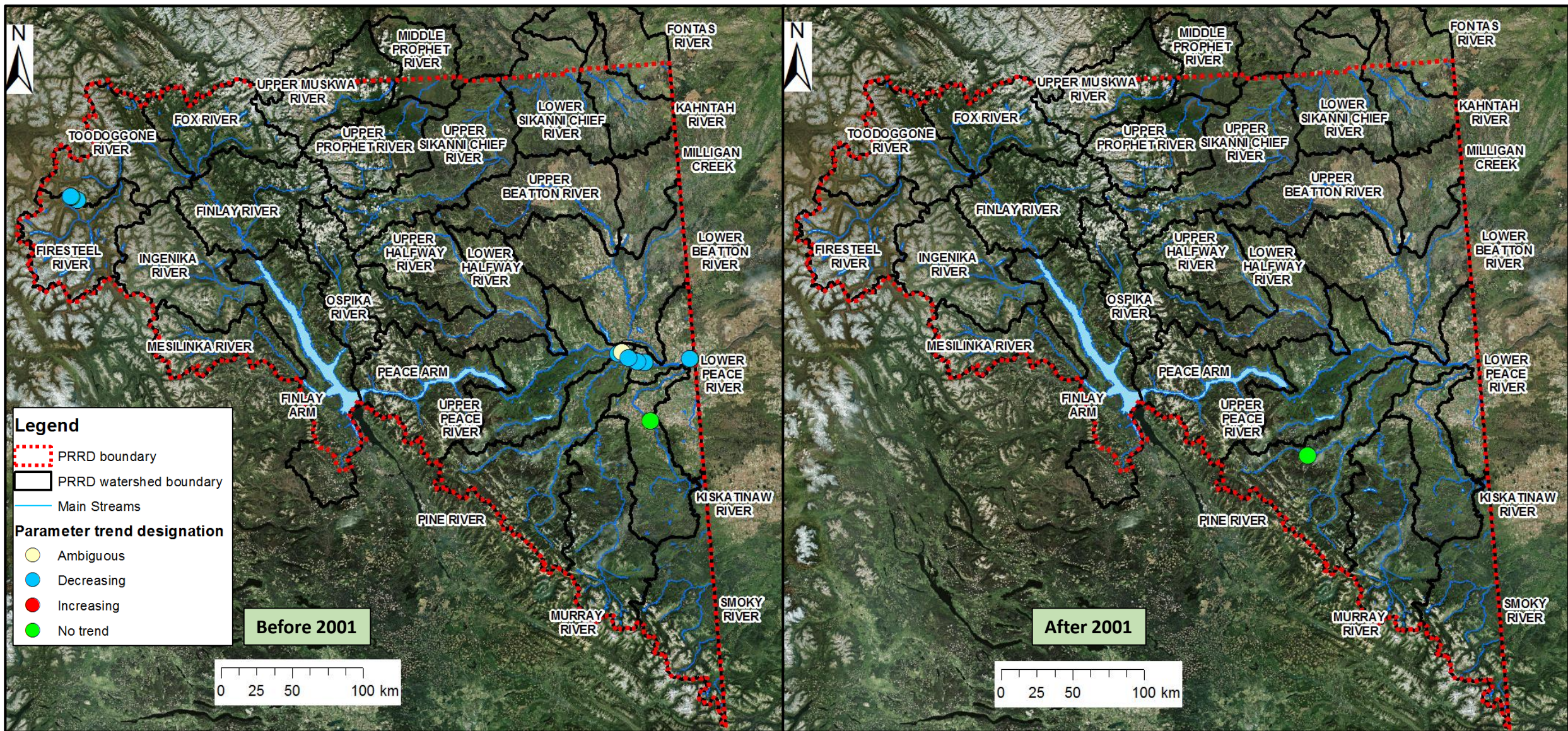


Barium (total)



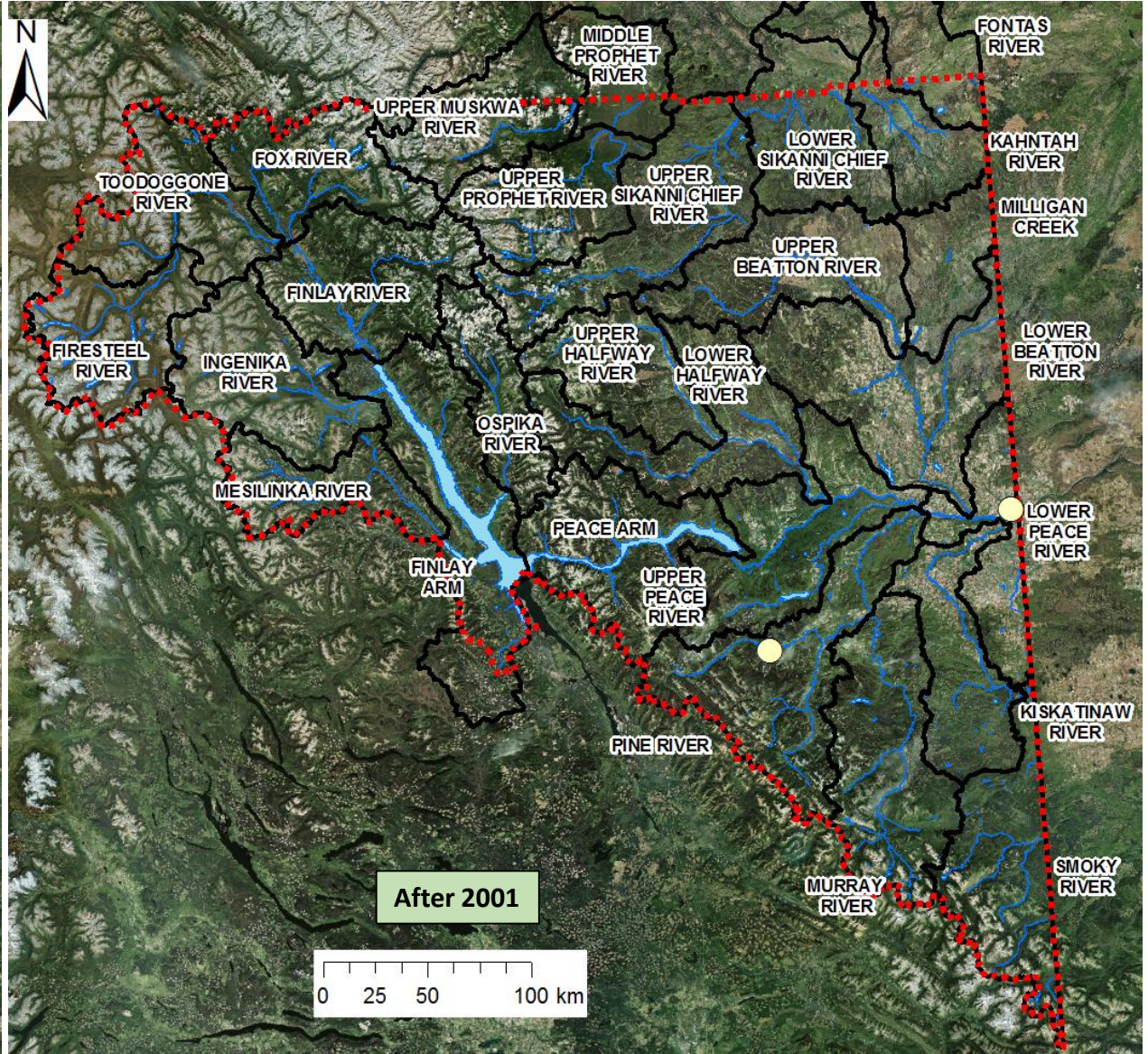
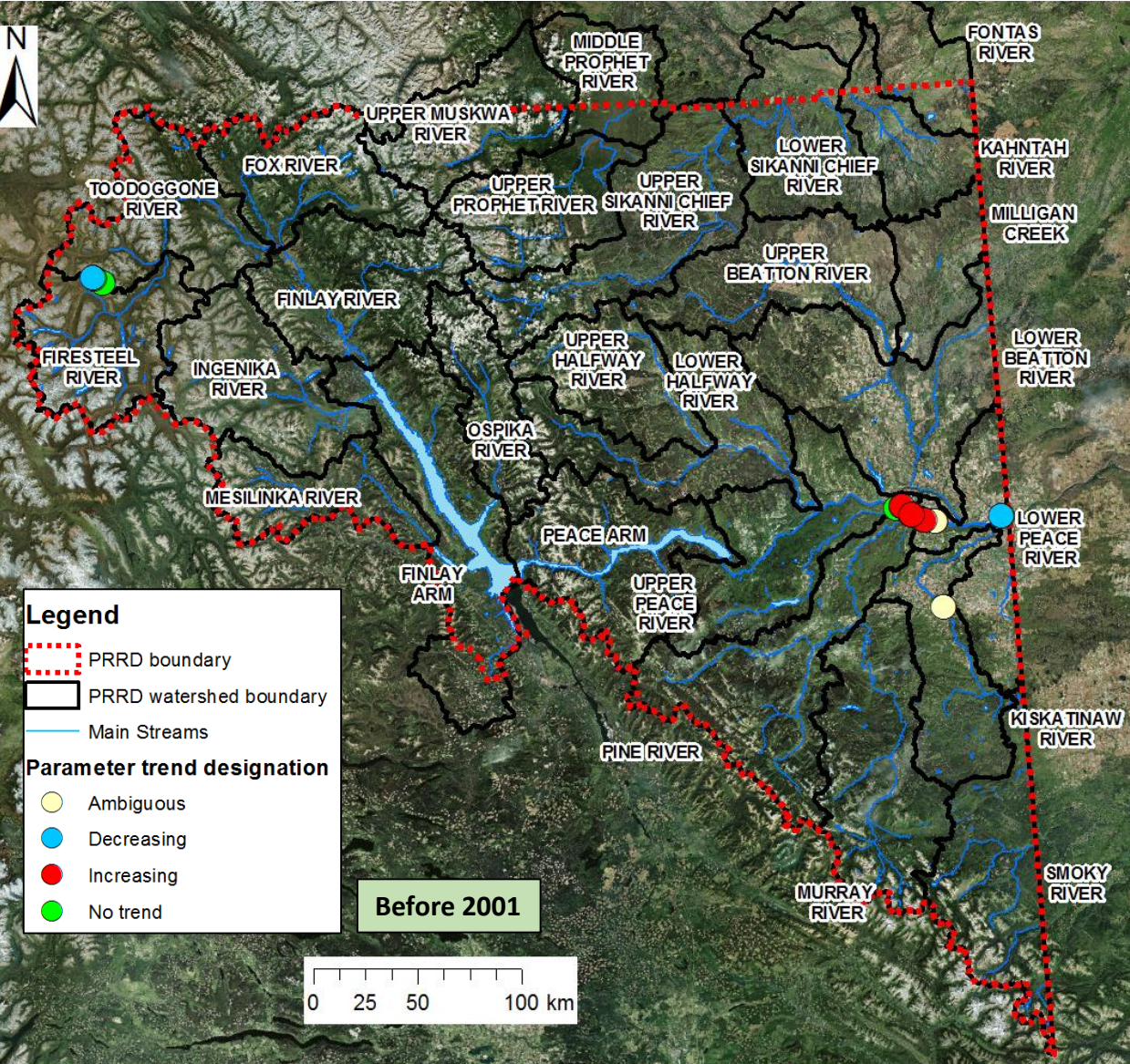


Cadmium (total)



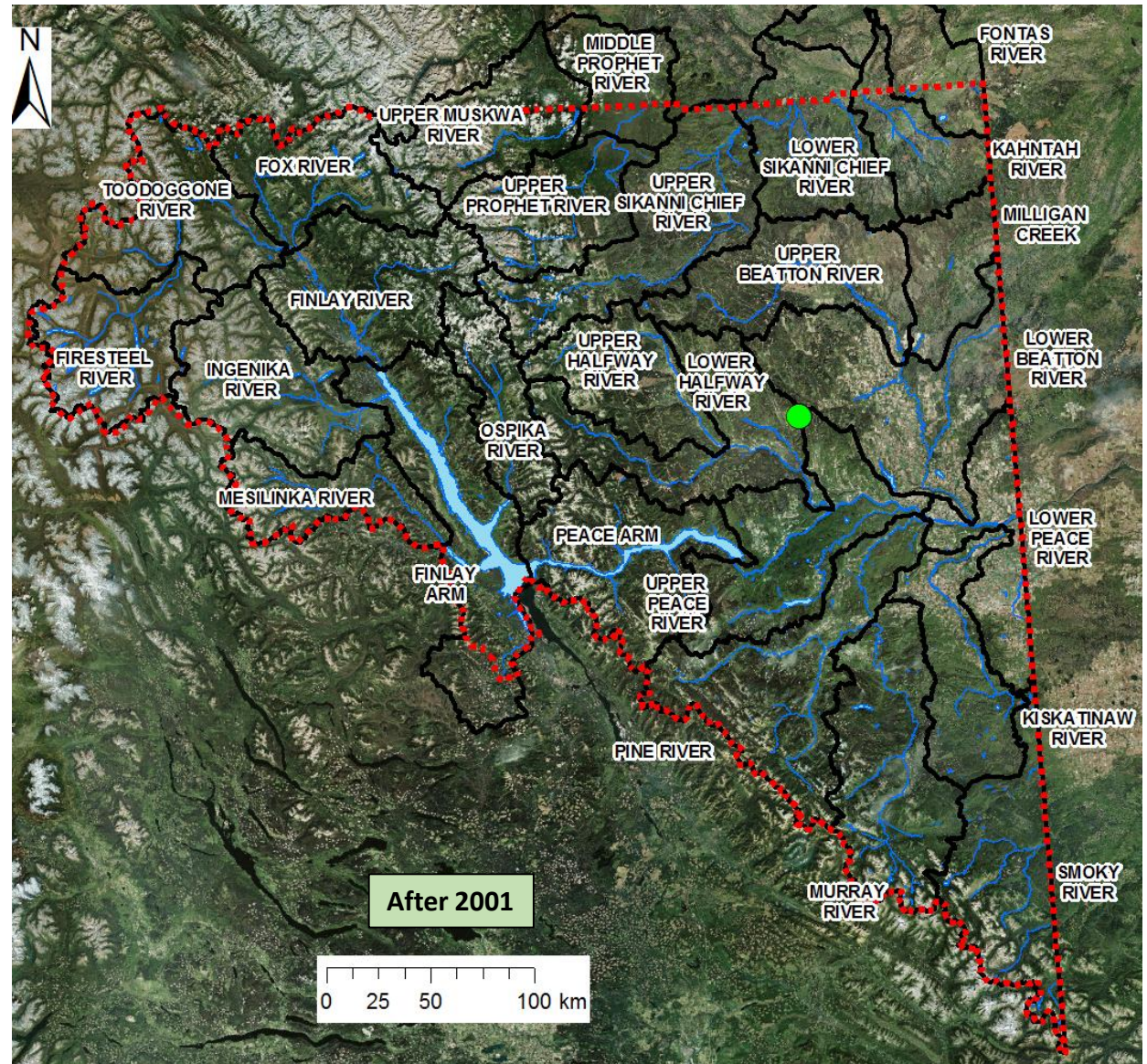
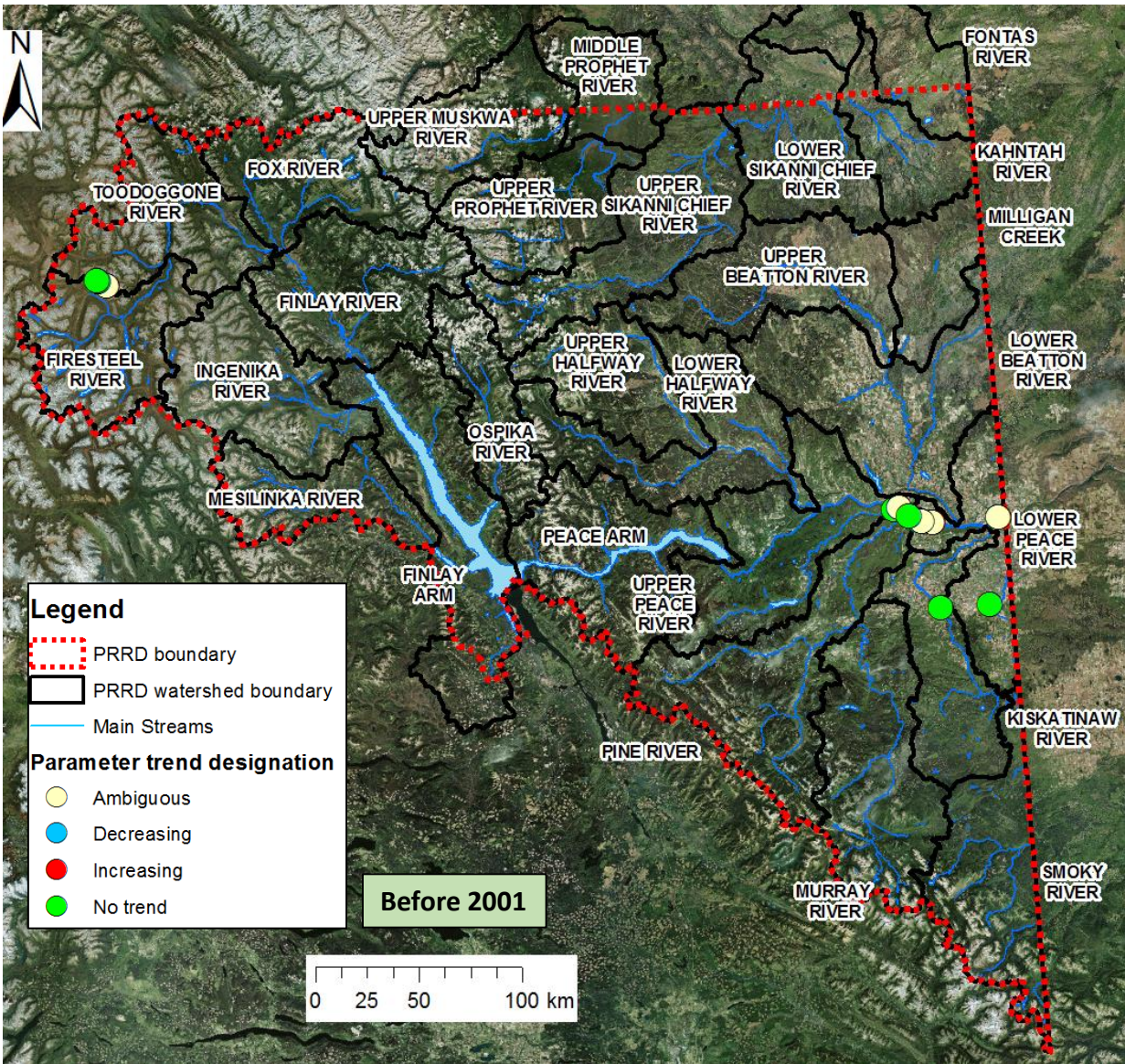


Copper (total)



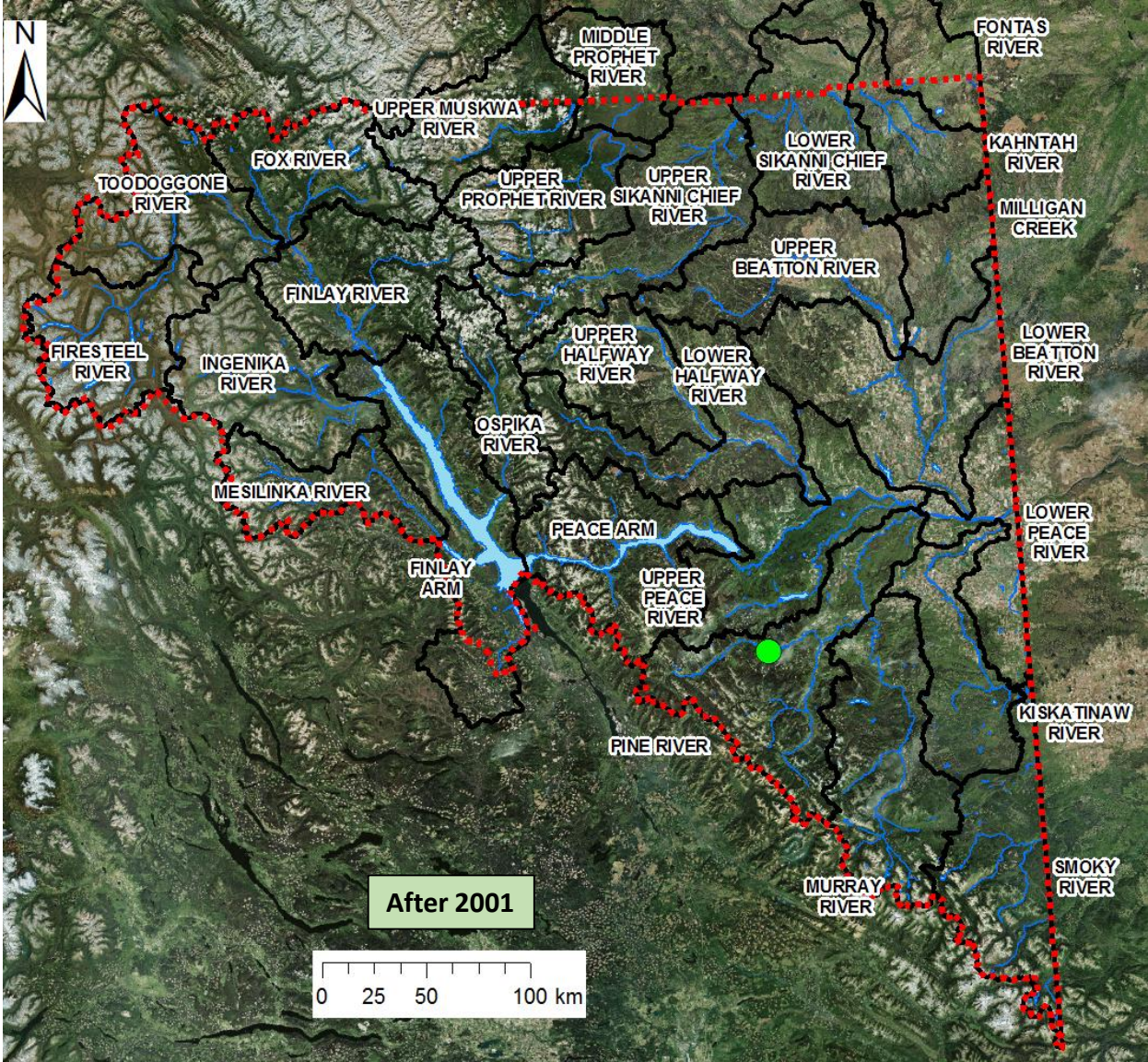
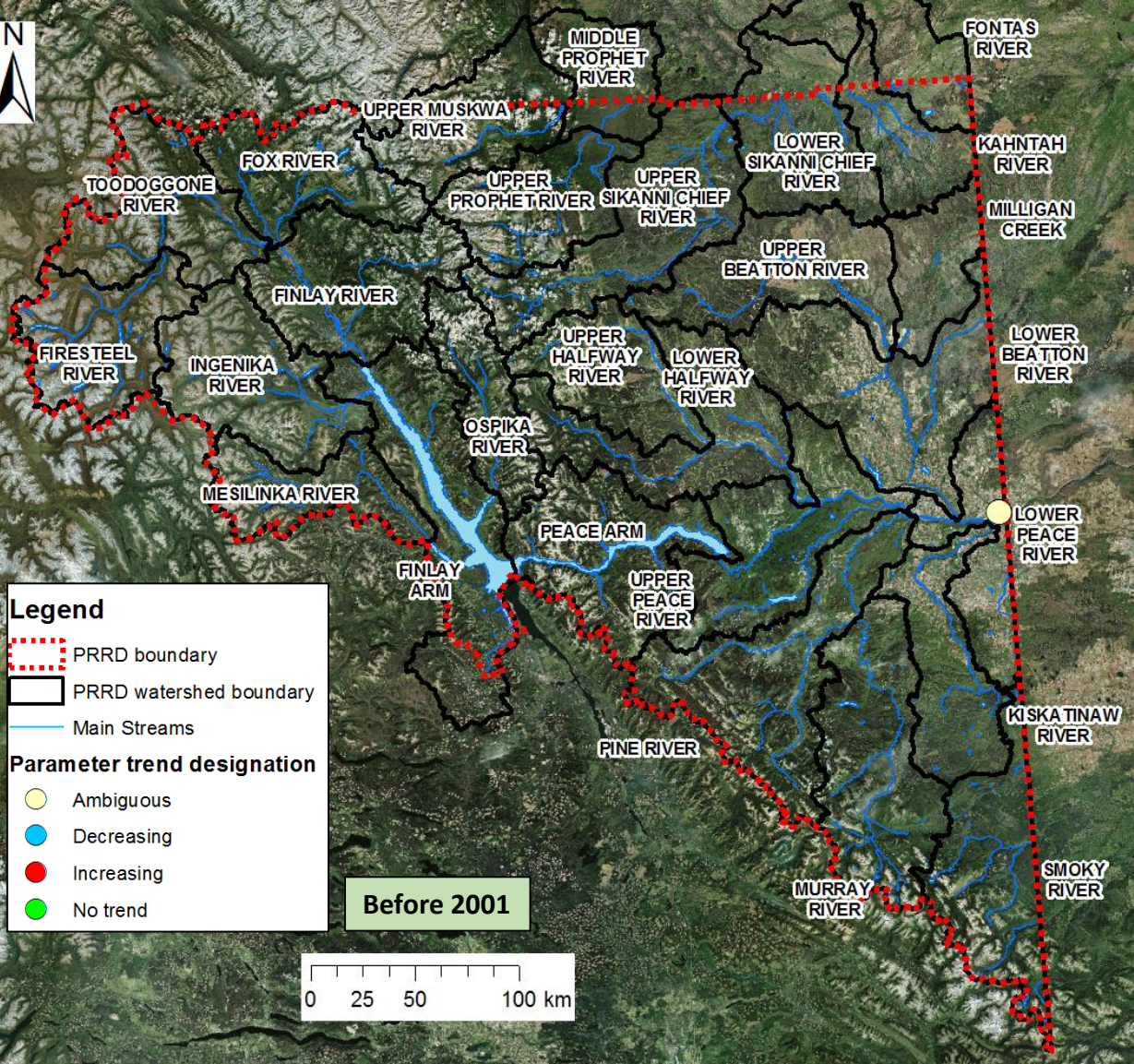


Iron (total)



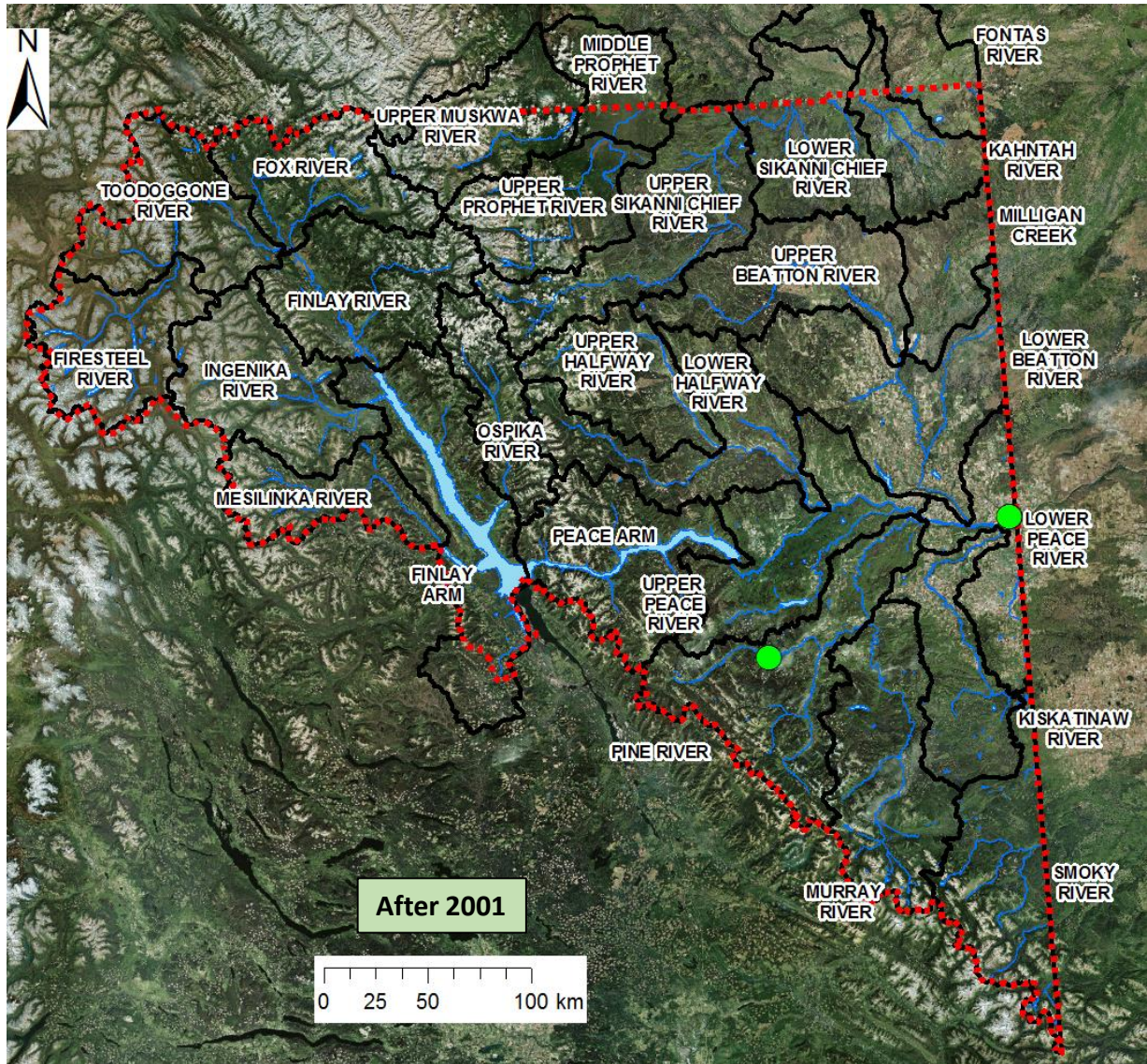
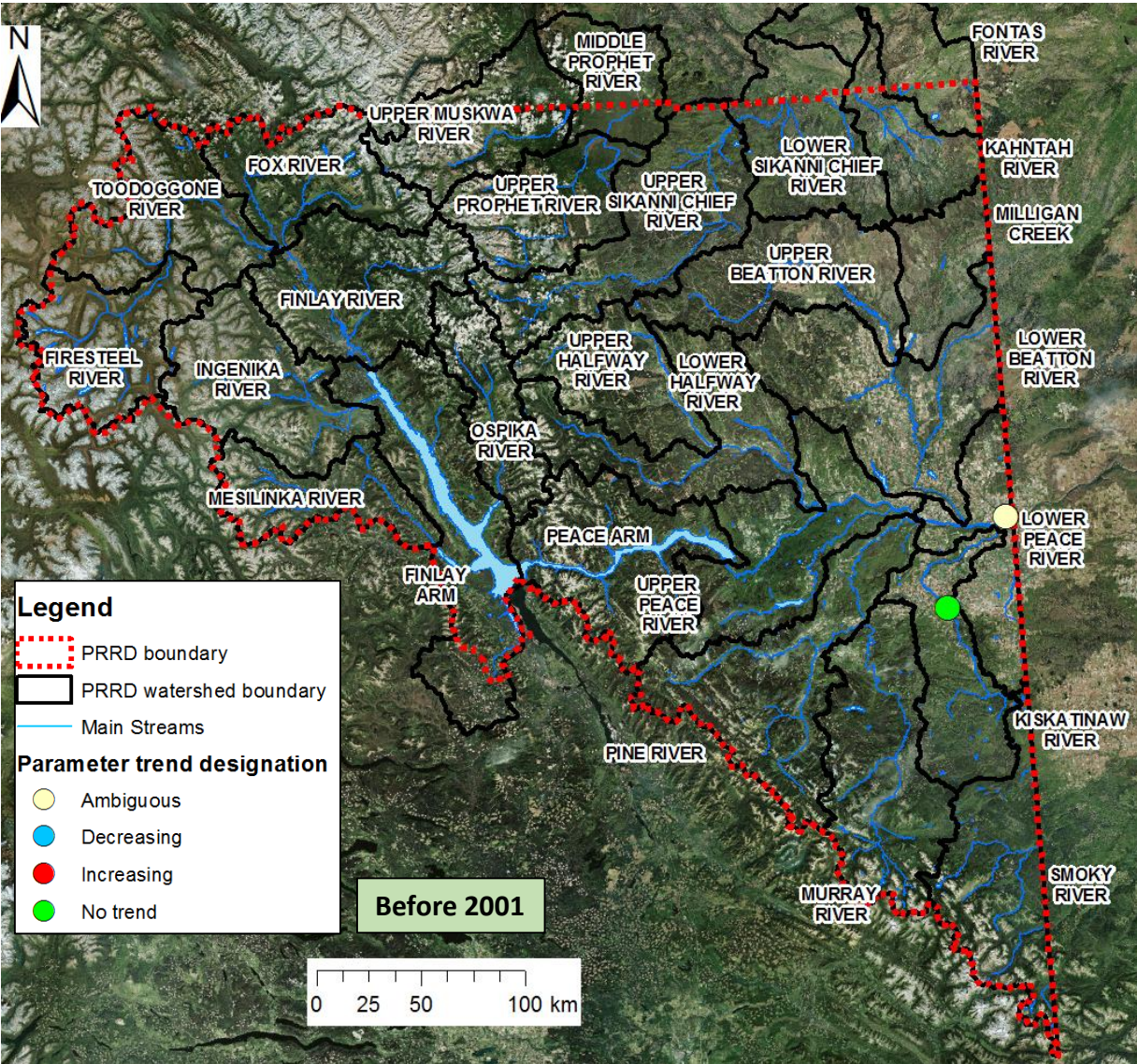


Lithium (total)



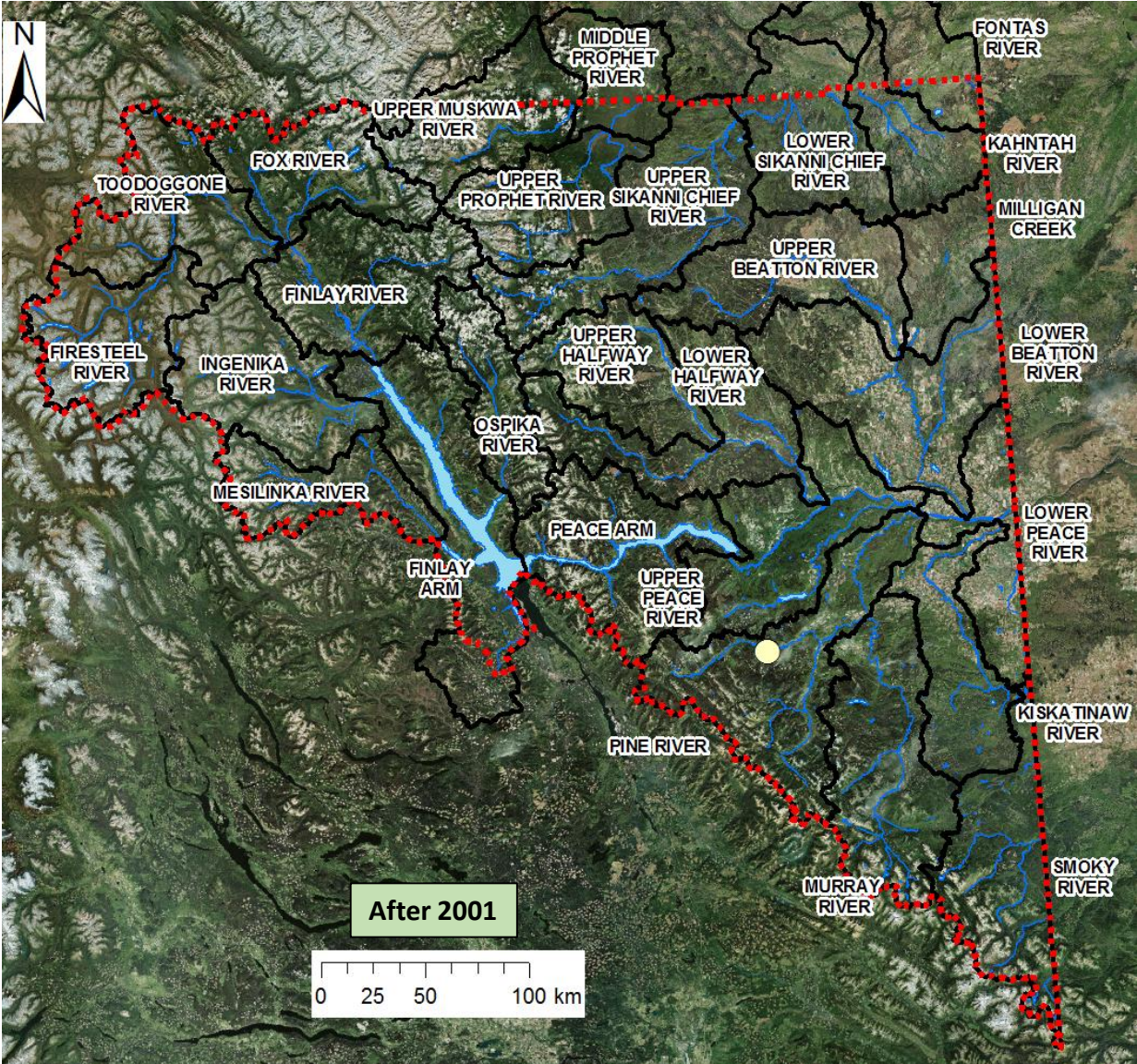
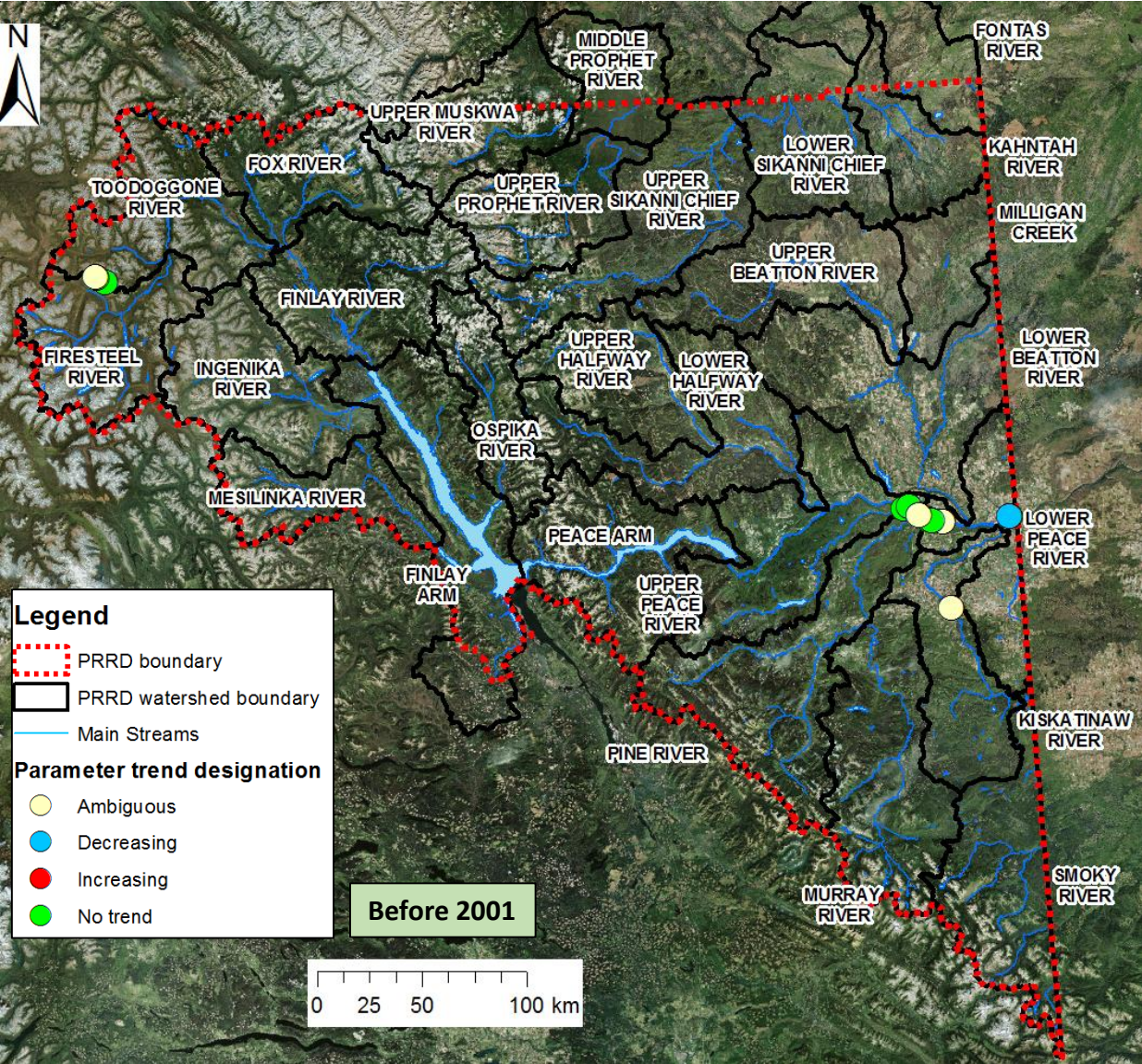


Selenium (total)





Zinc (total)

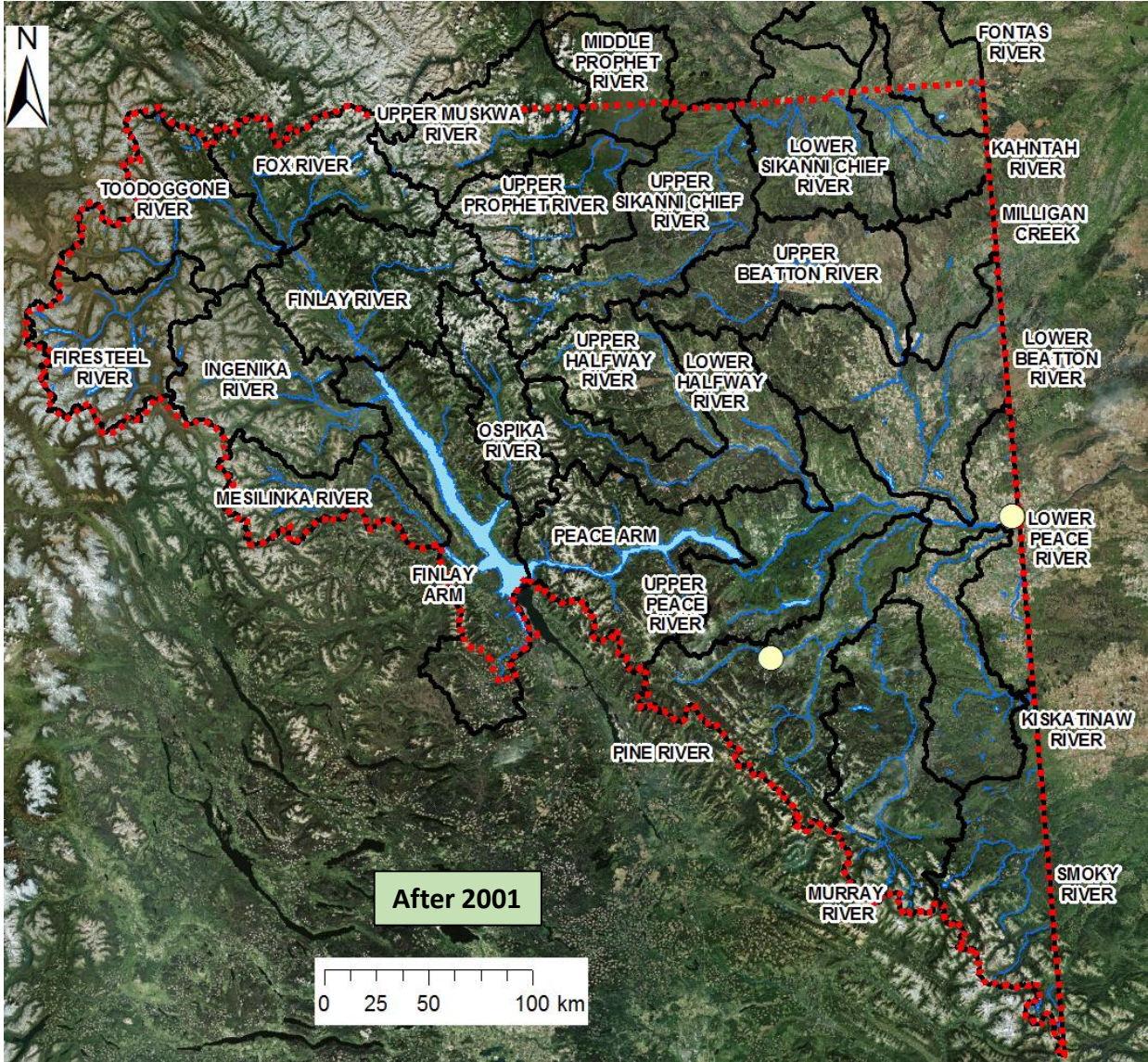
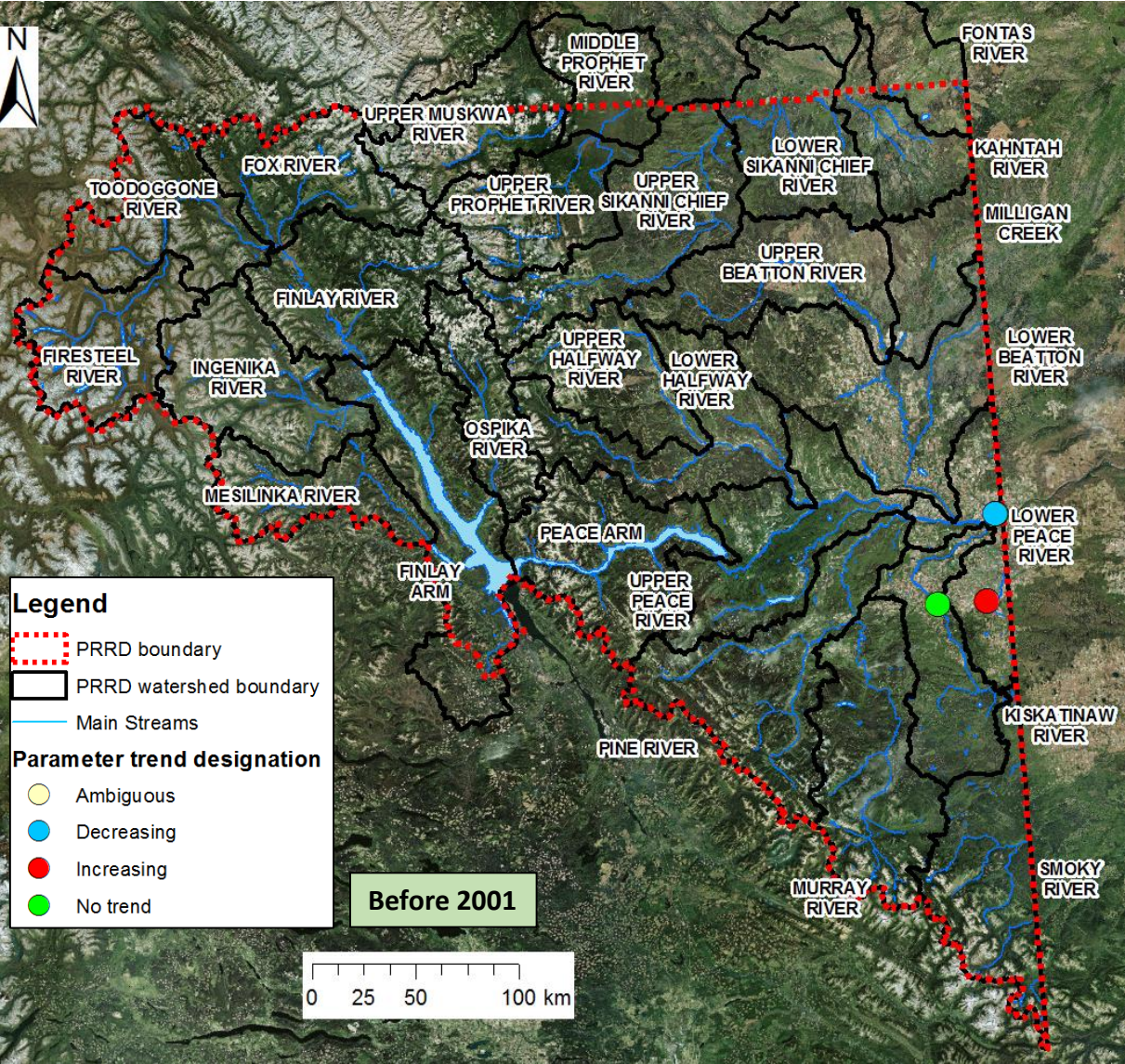




Trend analysis major ions  
and nutrients

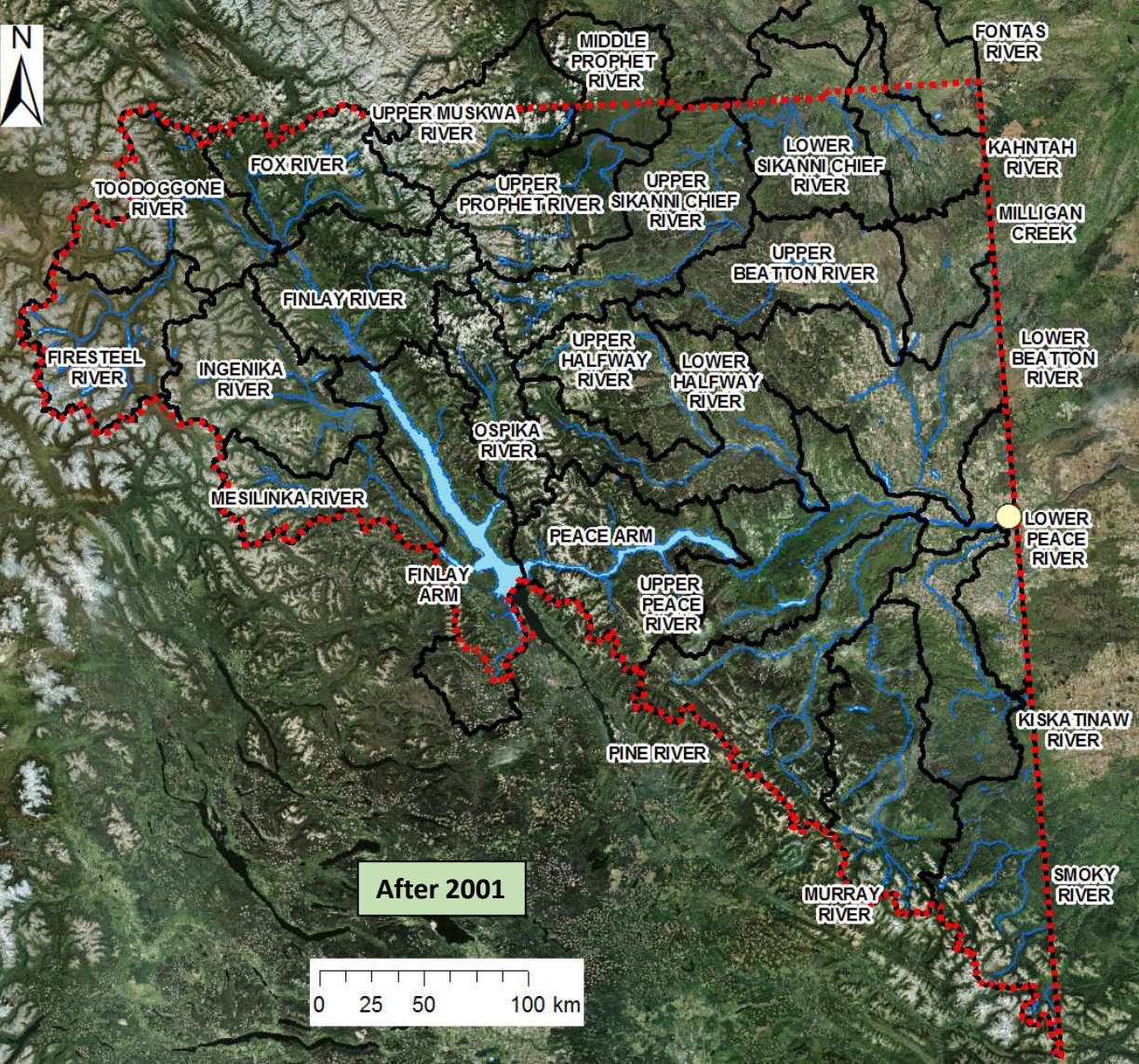
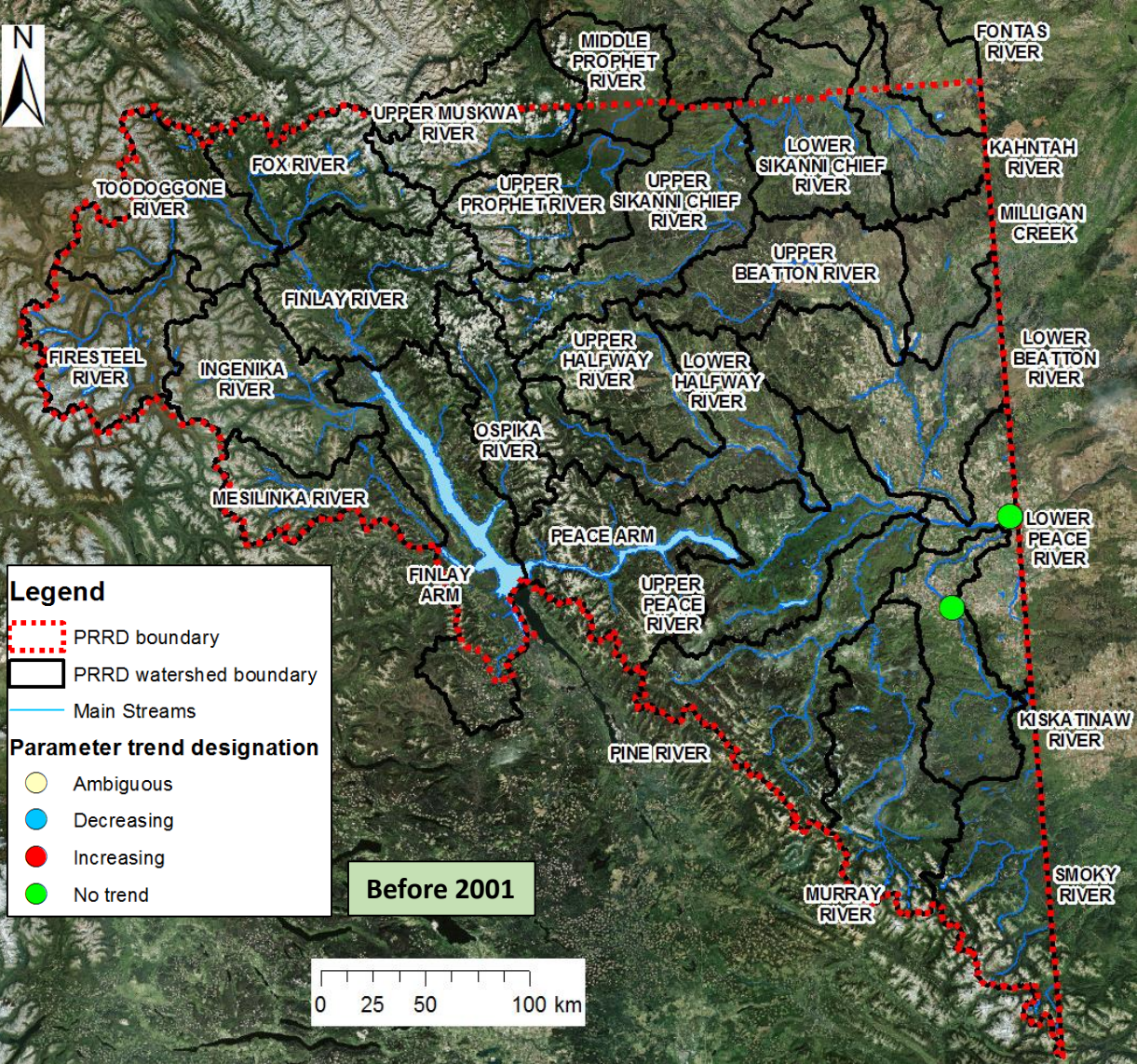


Chloride (total)





Potassium (total)





**Legend**

- PRRD boundary
- PRRD watershed boundary
- Main Streams

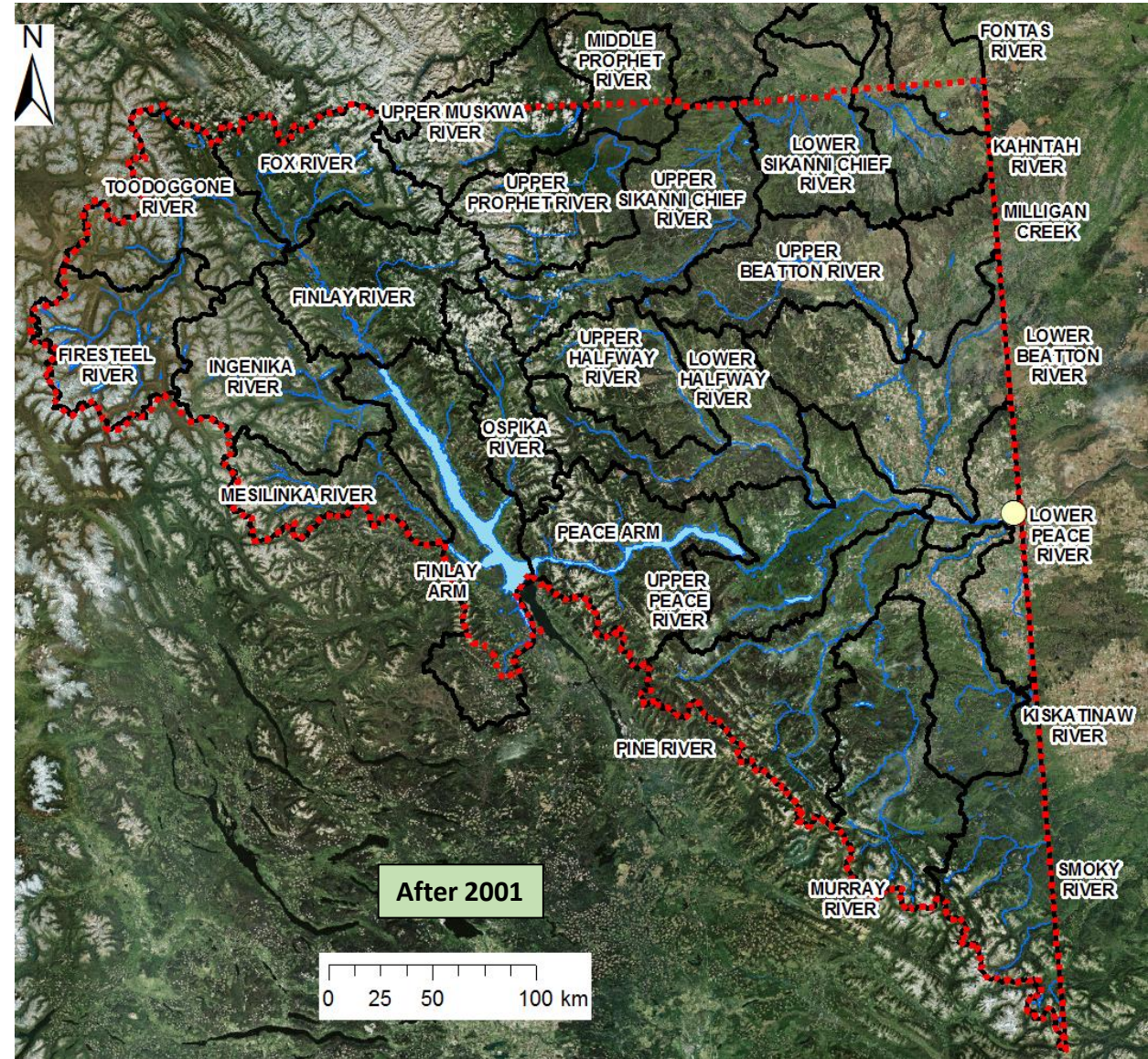
**Parameter trend designation**

- Ambiguous
- Decreasing
- Increasing
- No trend

**Before 2001**

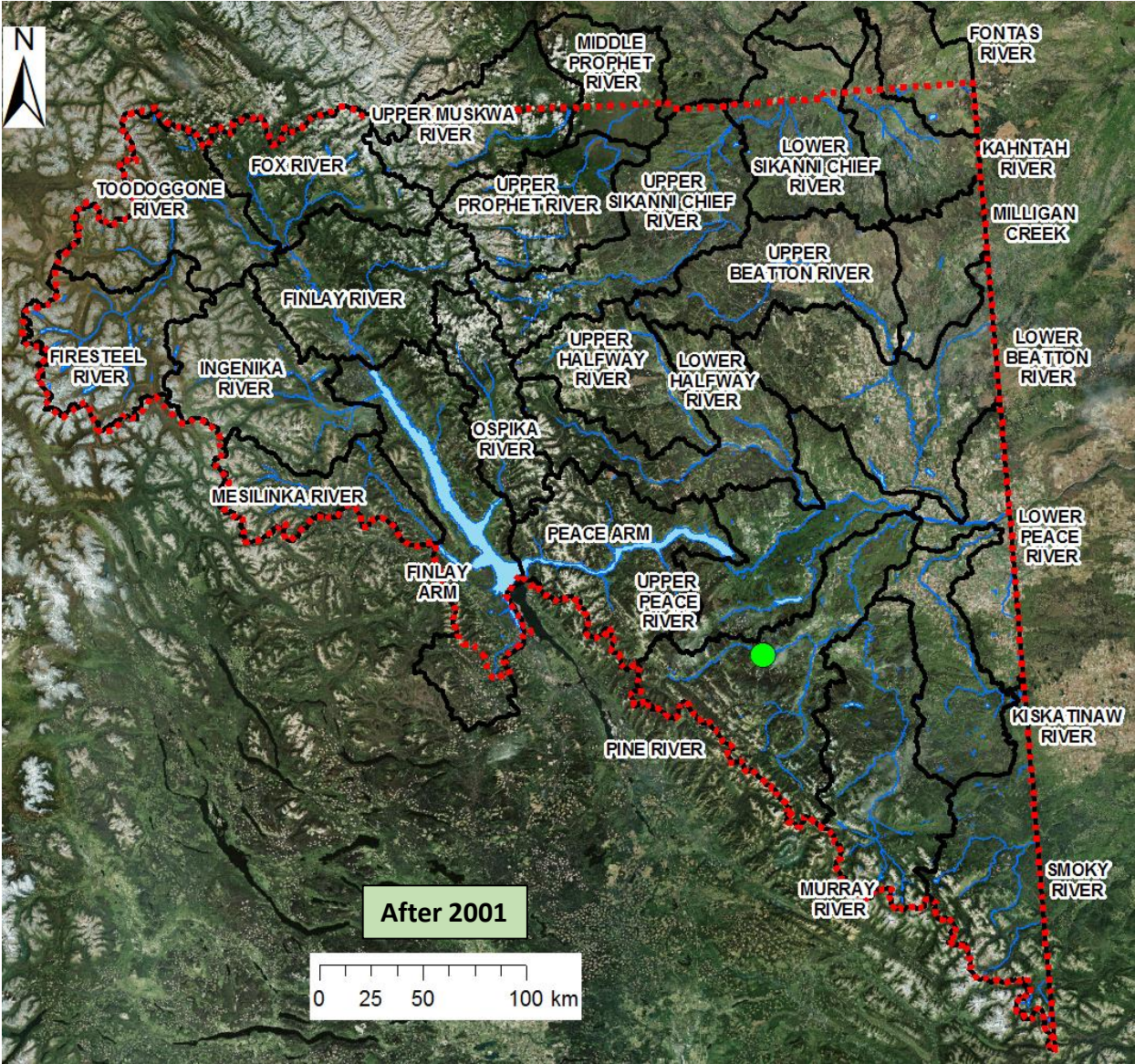
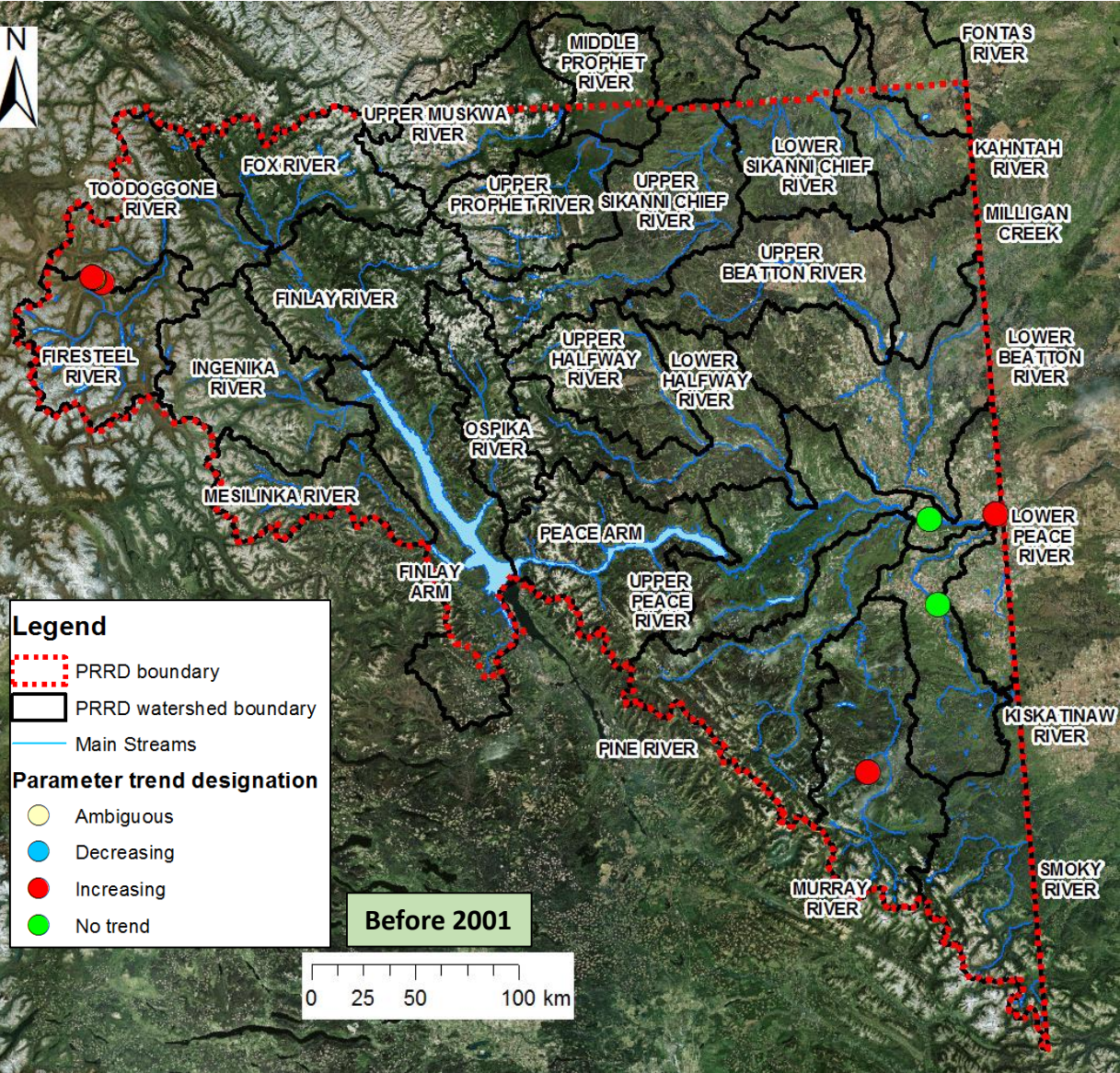
Scale: 0 25 50 100 km

Map labels include: MIDDLE PROPHET RIVER, UPPER MUSKWA RIVER, FOX RIVER, TOODOGGONE RIVER, FINLAY RIVER, FIRESTEEL RIVER, INGENIKA RIVER, MESILINKA RIVER, UPPER PROPHET RIVER, UPPER SIKANNI CHIEF RIVER, LOWER SIKANNI CHIEF RIVER, UPPER BEATTON RIVER, KAHTAH RIVER, MILLIGAN CREEK, LOWER BEATTON RIVER, LOWER PEACE RIVER, KISKA TINAW RIVER, SMOKY RIVER, MURRAY RIVER, FINE RIVER, UPPER PEACE RIVER, PEACE ARM, FINLAY ARM, OSPIKA RIVER, UPPER HALF WAY RIVER, LOWER HALF WAY RIVER.



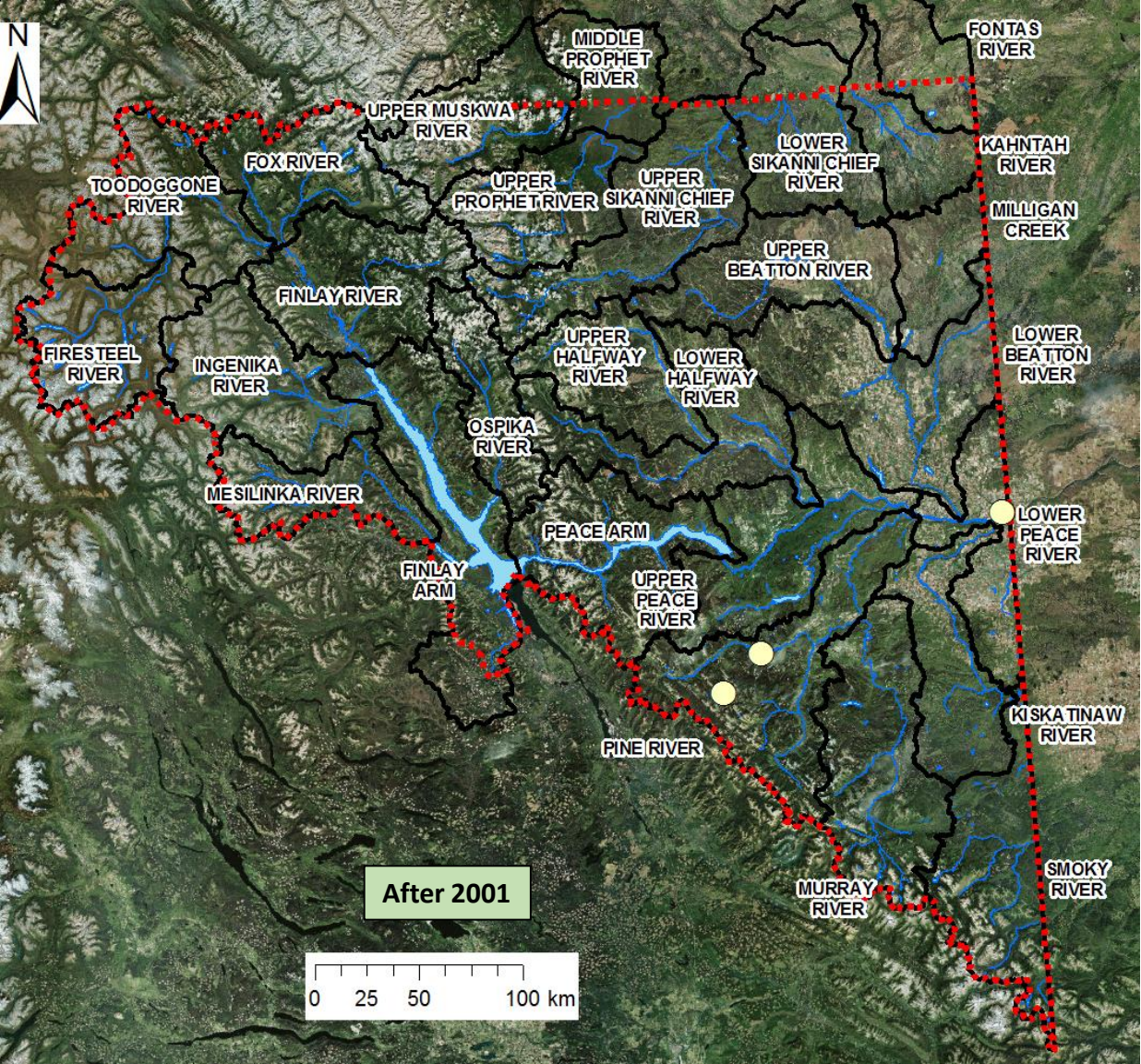
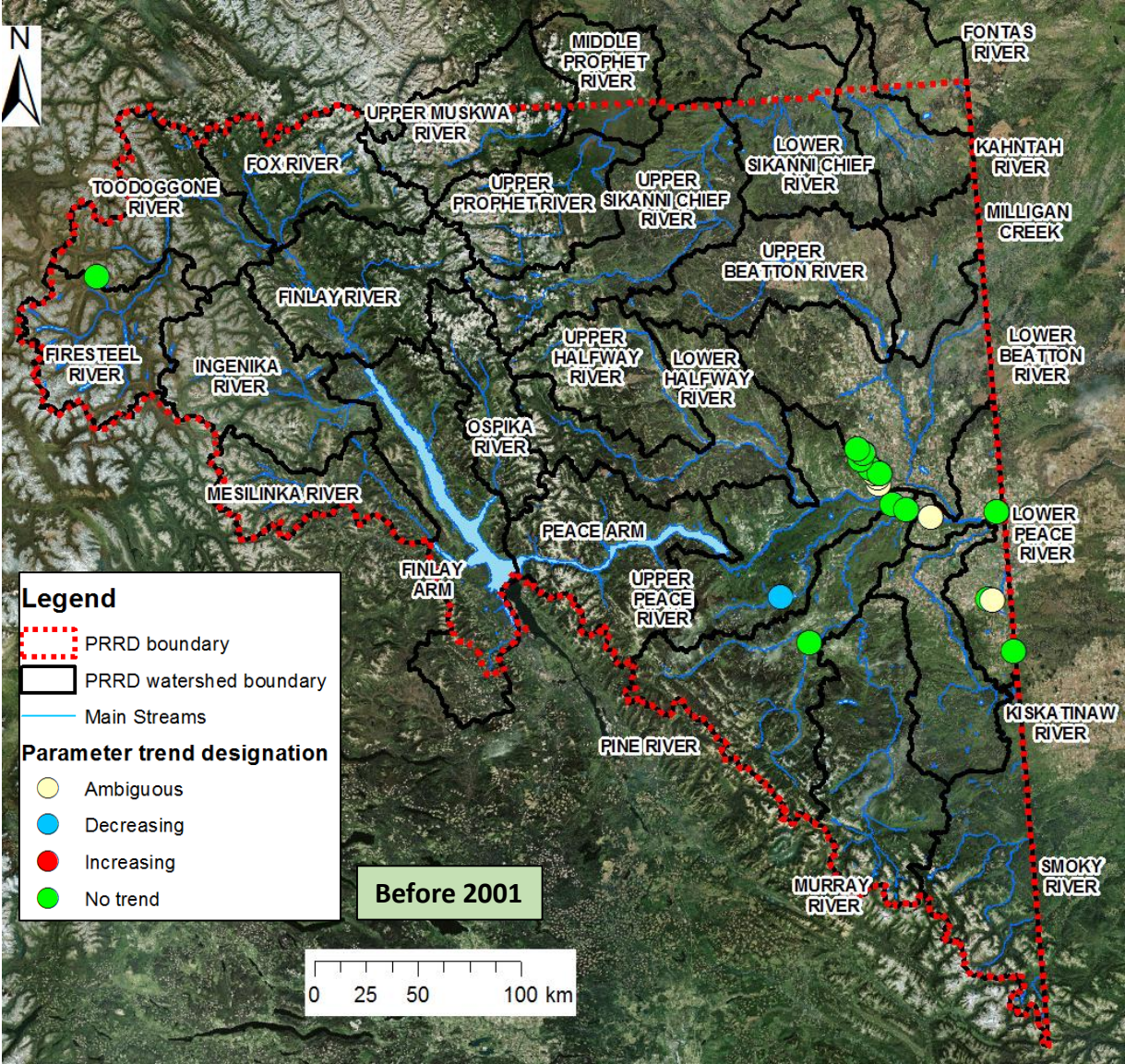


Sulphate (total)



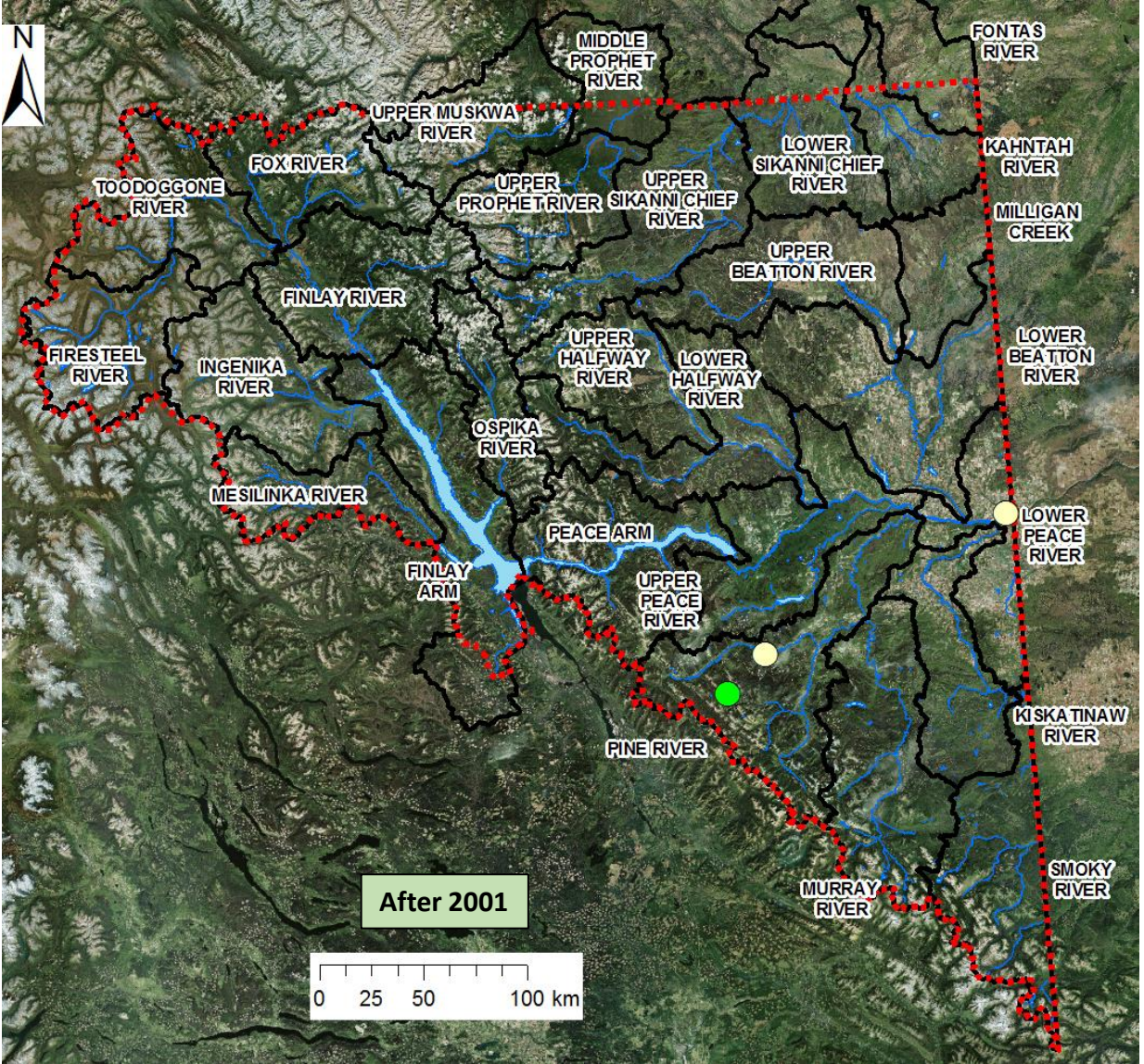
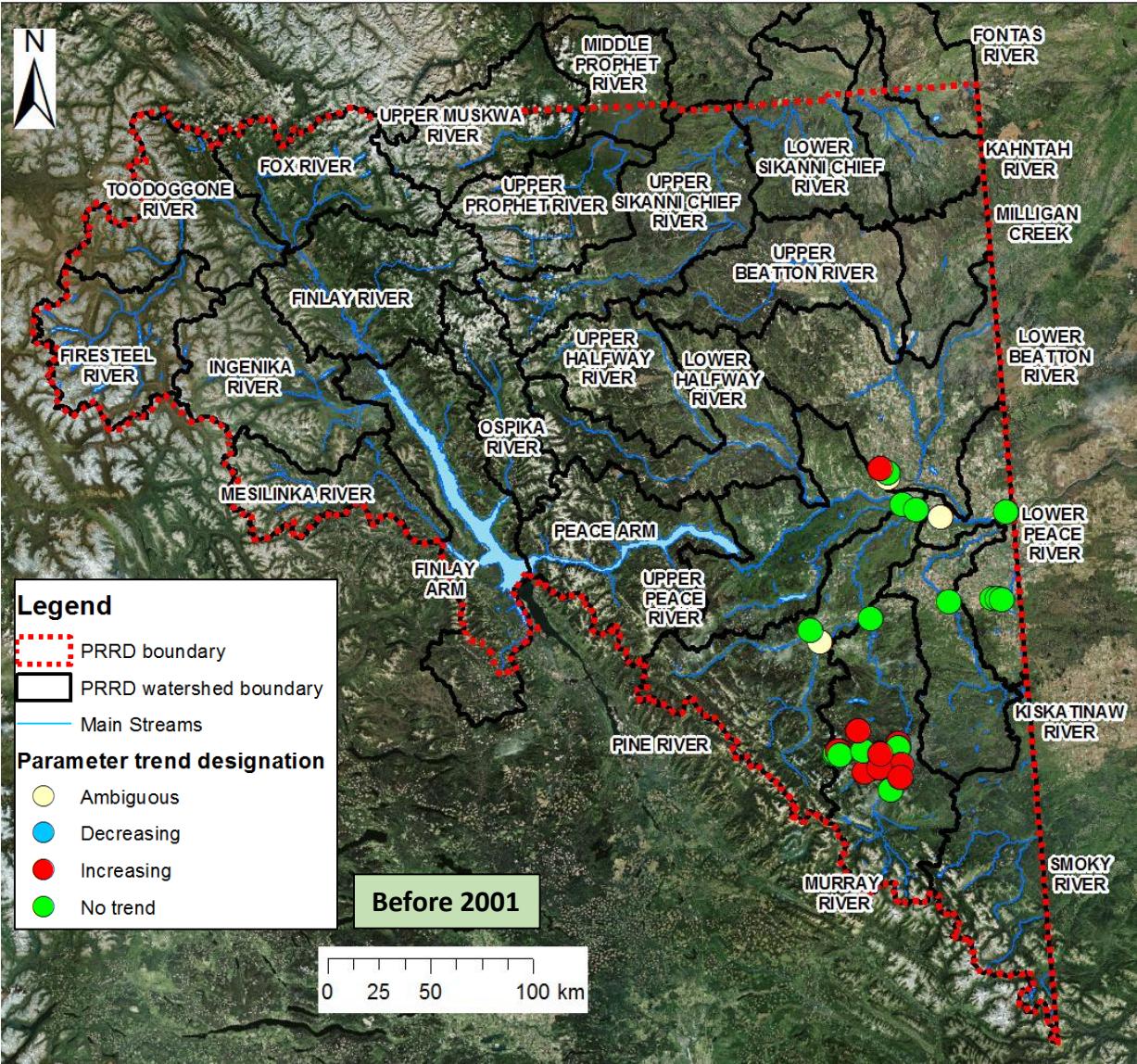


Phosphorous (total)





Nitrate (as N)



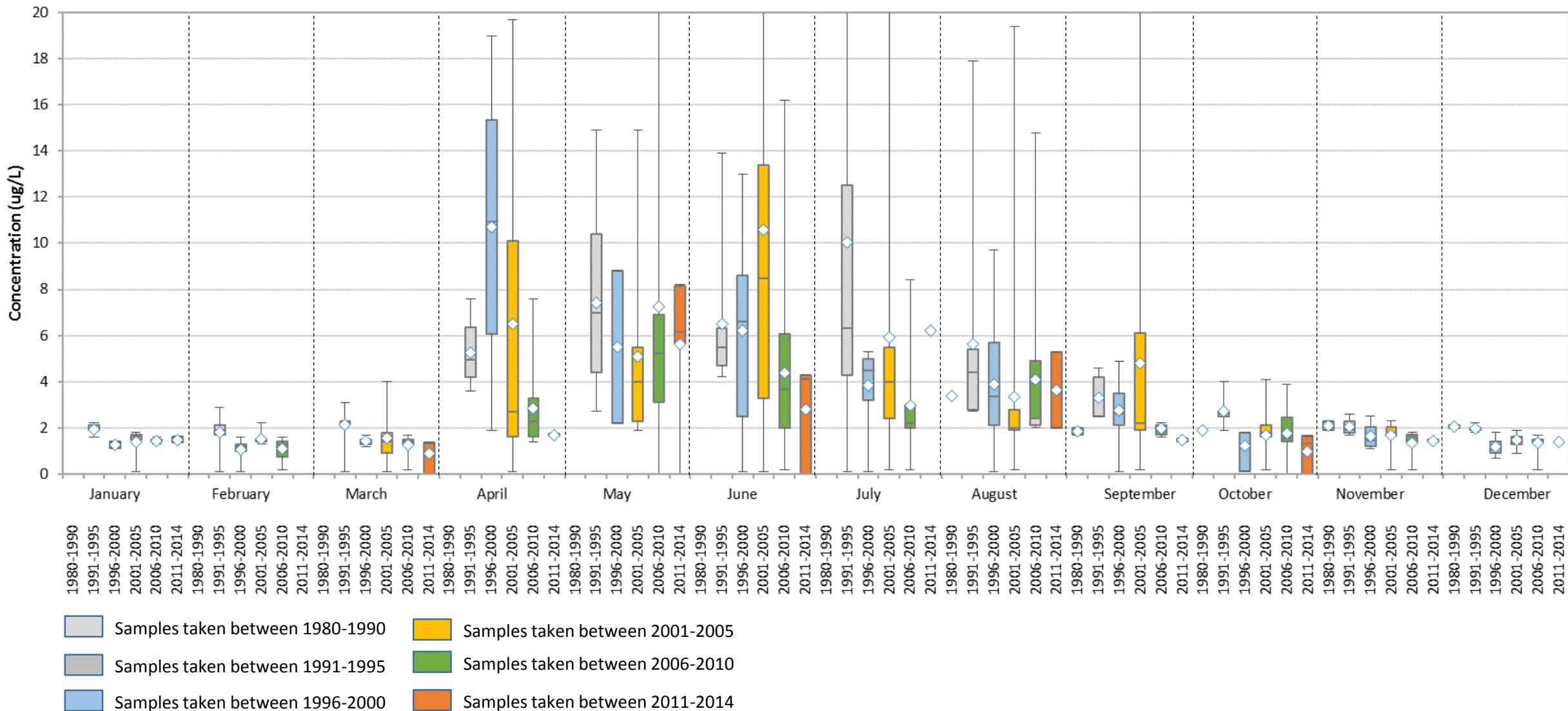


Trend analysis  
Station ID: E206585

Metals

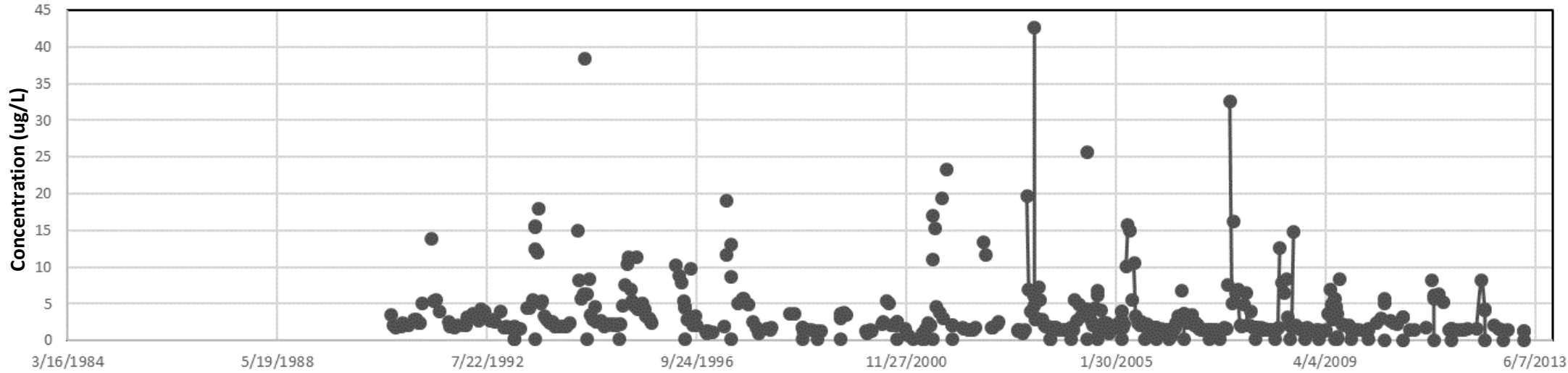
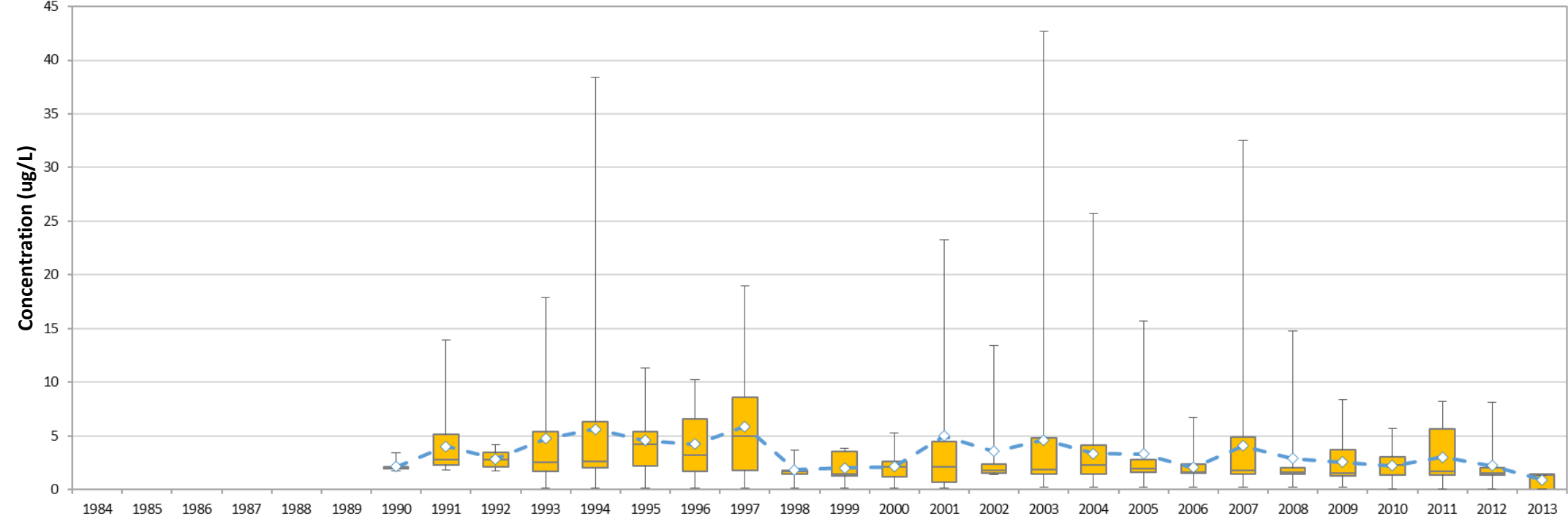


Lithium Concentration (ug/L) at E206585 (Peace River mouth)



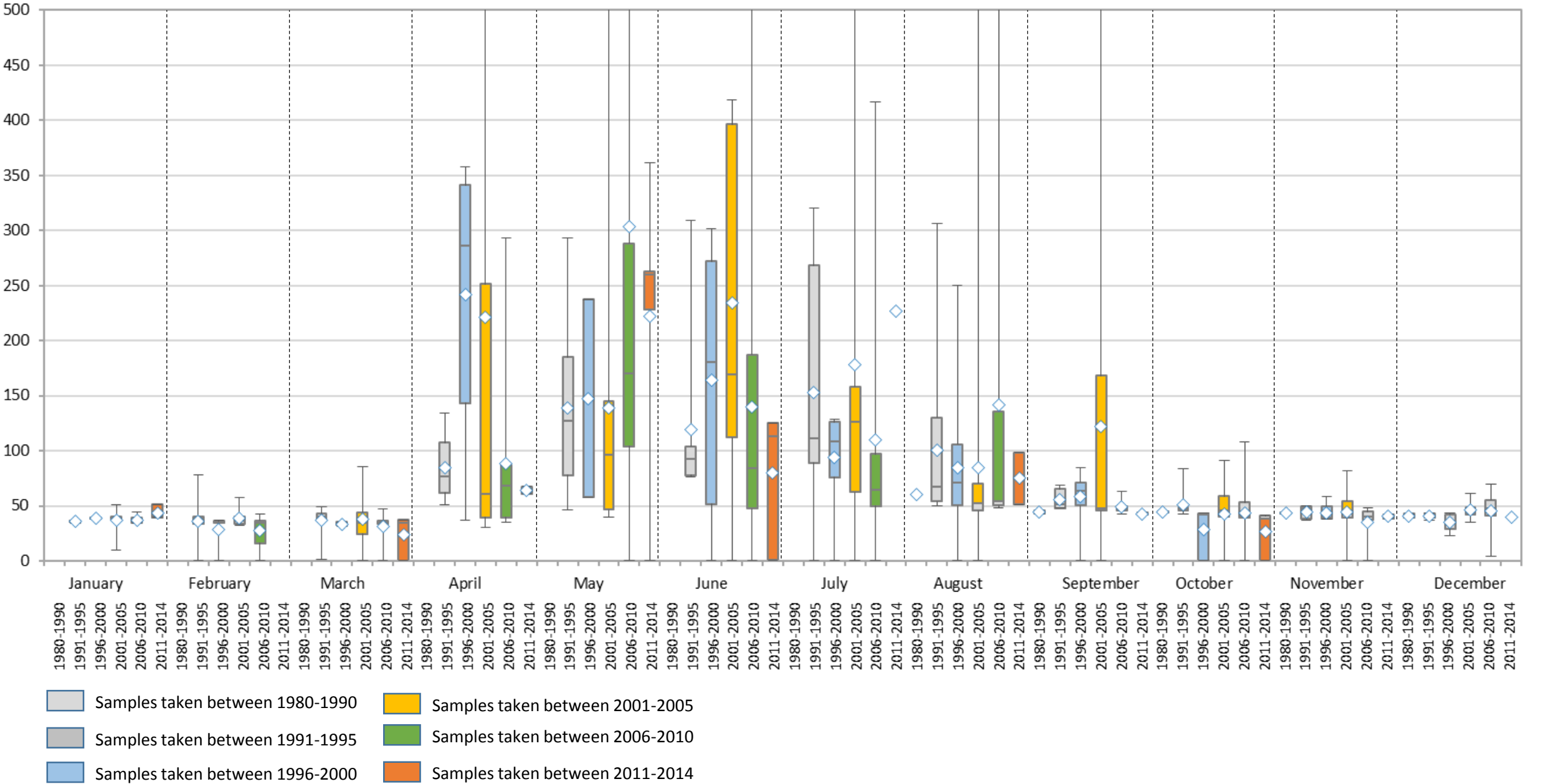


Lithium Concentration (ug/L) at E206585 (Peace River mouth)



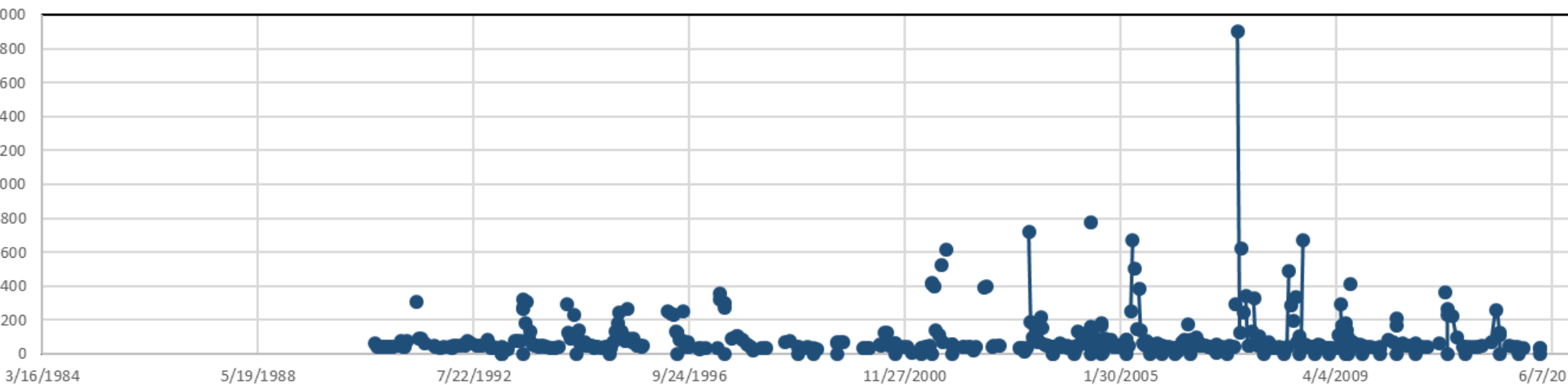
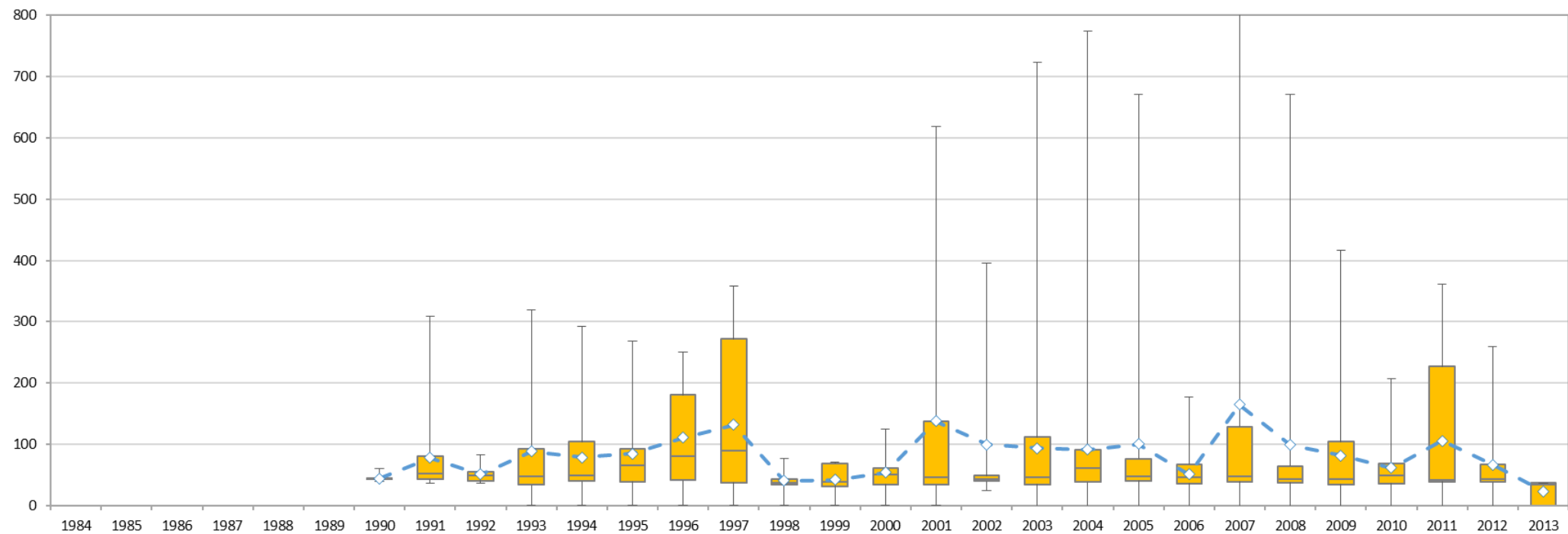


Barium Concentration (ug/L) at E206585 (Peace River mouth)



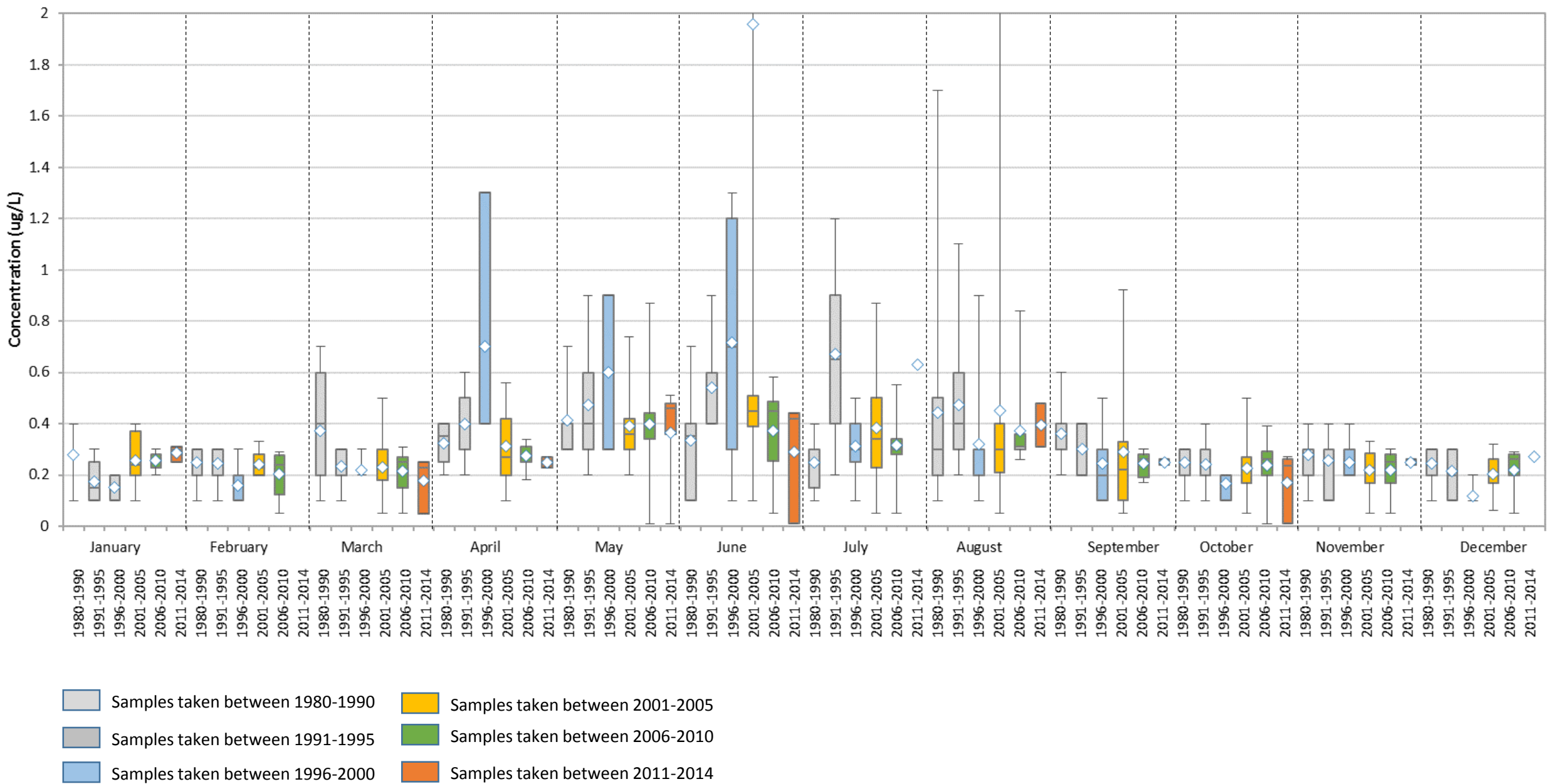


Barium Concentration (ug/L) at E206585 (Peace River mouth)



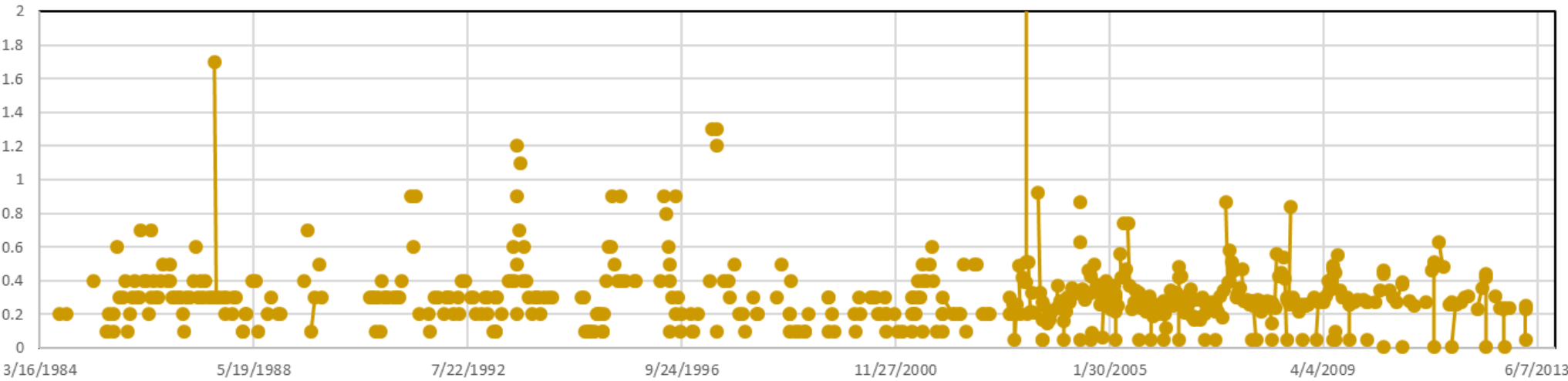
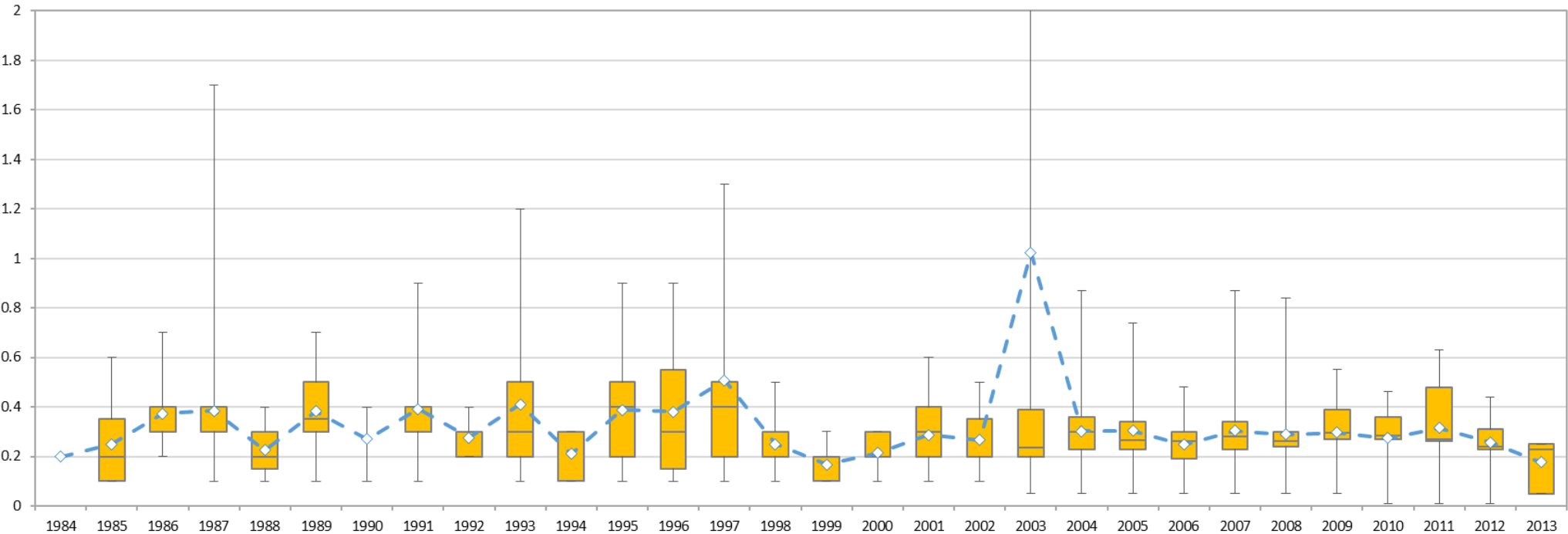


Selenium Concentration (ug/L) at E206585 (Peace River mouth)



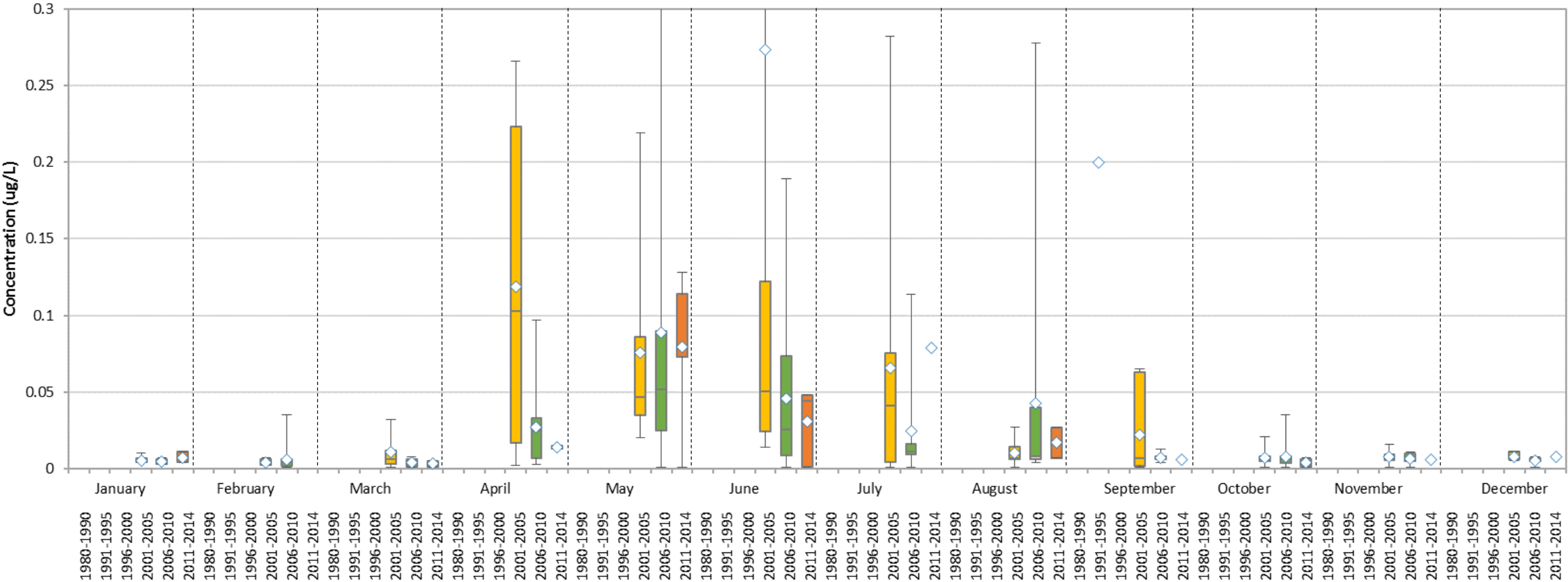


Selenium Concentration (ug/L) at E206585 (Peace River mouth)





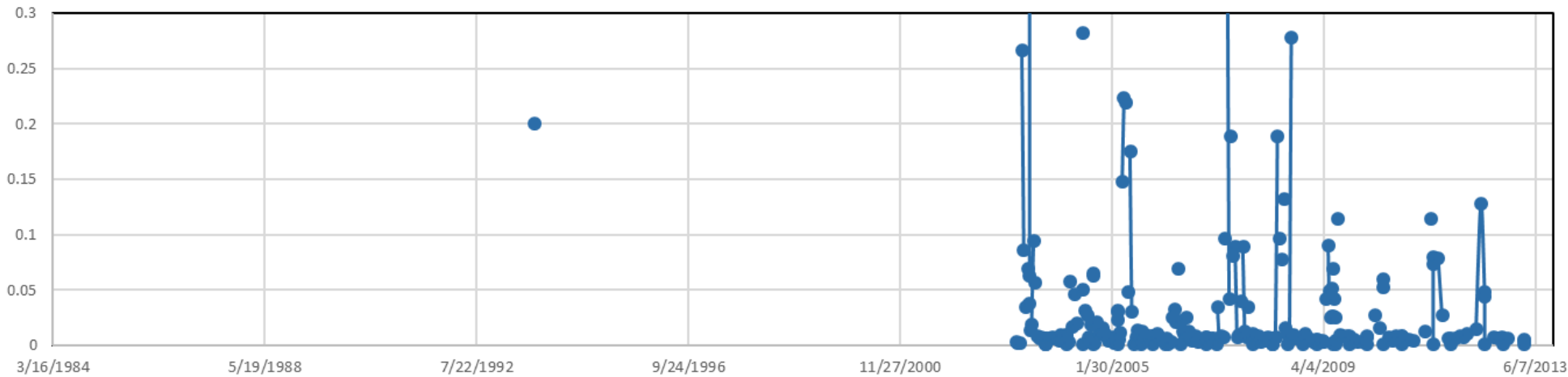
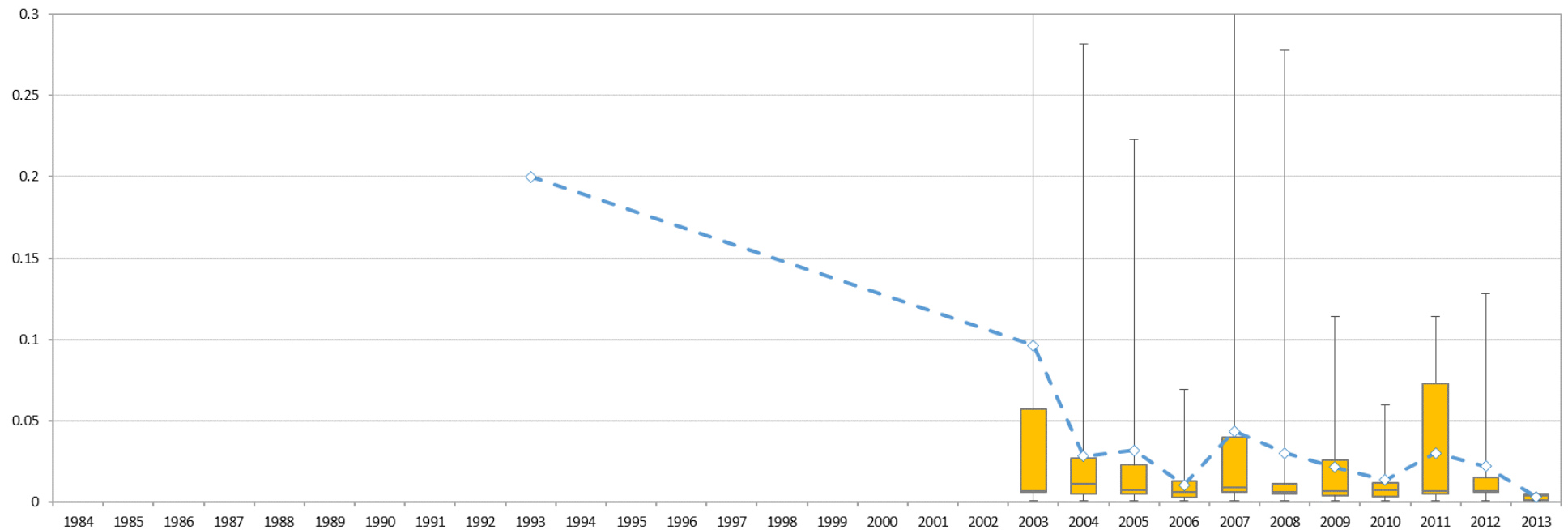
Thallium Concentration (mg/L) at E206585 (Peace River mouth)



- Samples taken between 1980-1990
- Samples taken between 1991-1995
- Samples taken between 1996-2000
- Samples taken between 2001-2005
- Samples taken between 2006-2010
- Samples taken between 2011-2014



Thallium Concentration (mg/L) at E206585 (Peace River mouth)





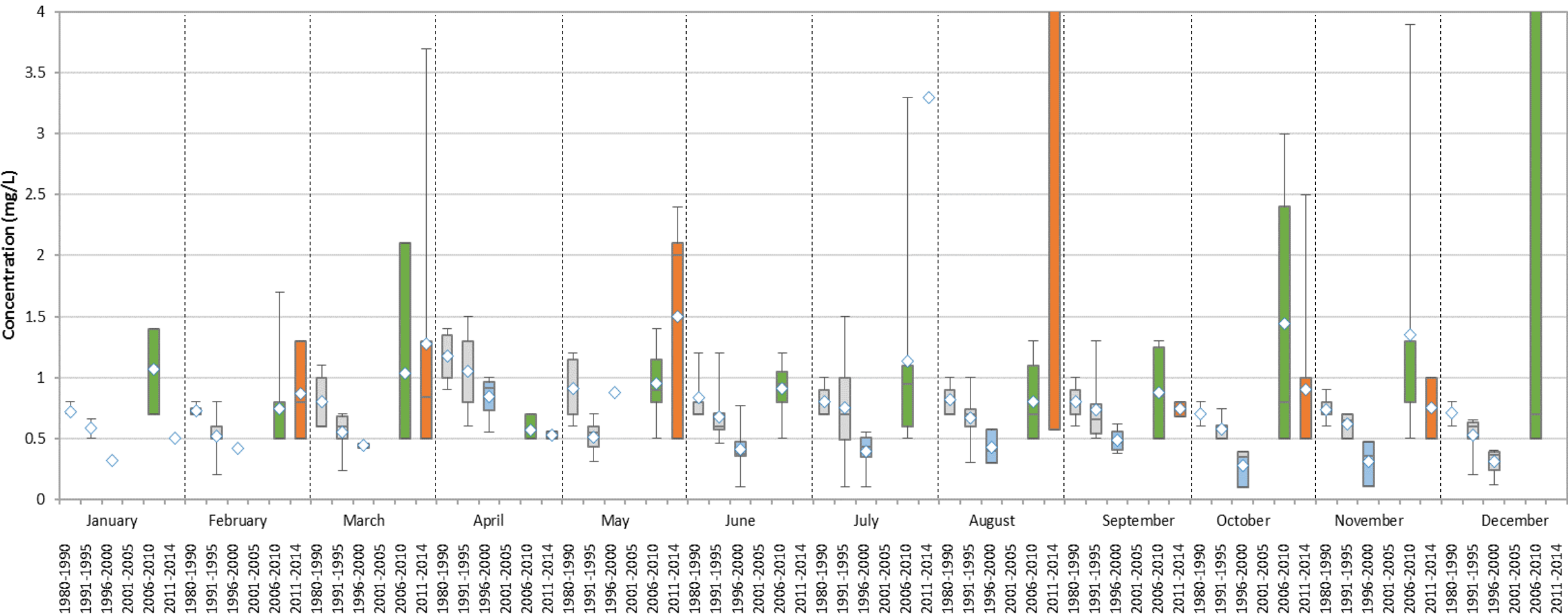
# Trend analysis

## Station ID: E206585

Major ions and  
physical parameters



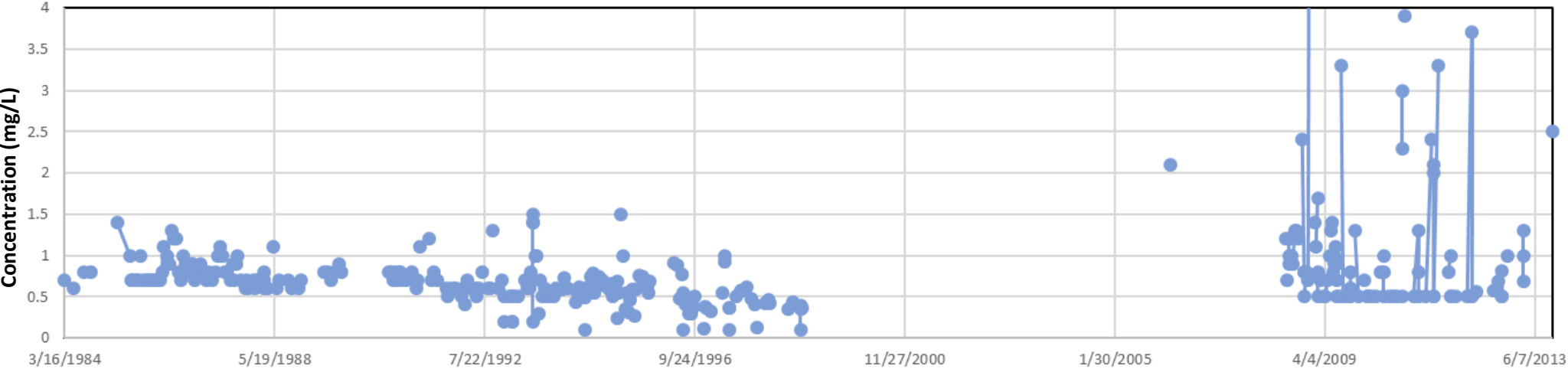
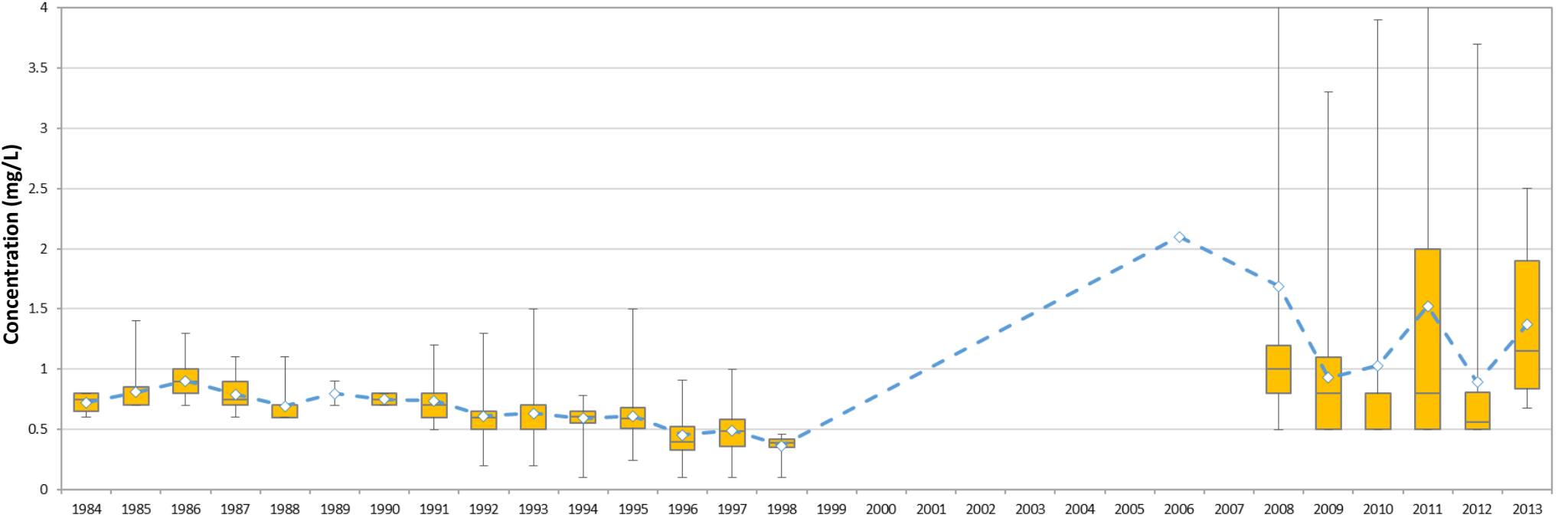
Chloride Concentration (mg/L) at E206585 (Peace River mouth)



- Samples taken between 1980-1990
- Samples taken between 1991-1995
- Samples taken between 1996-2000
- Samples taken between 2001-2005
- Samples taken between 2006-2010
- Samples taken between 2011-2014

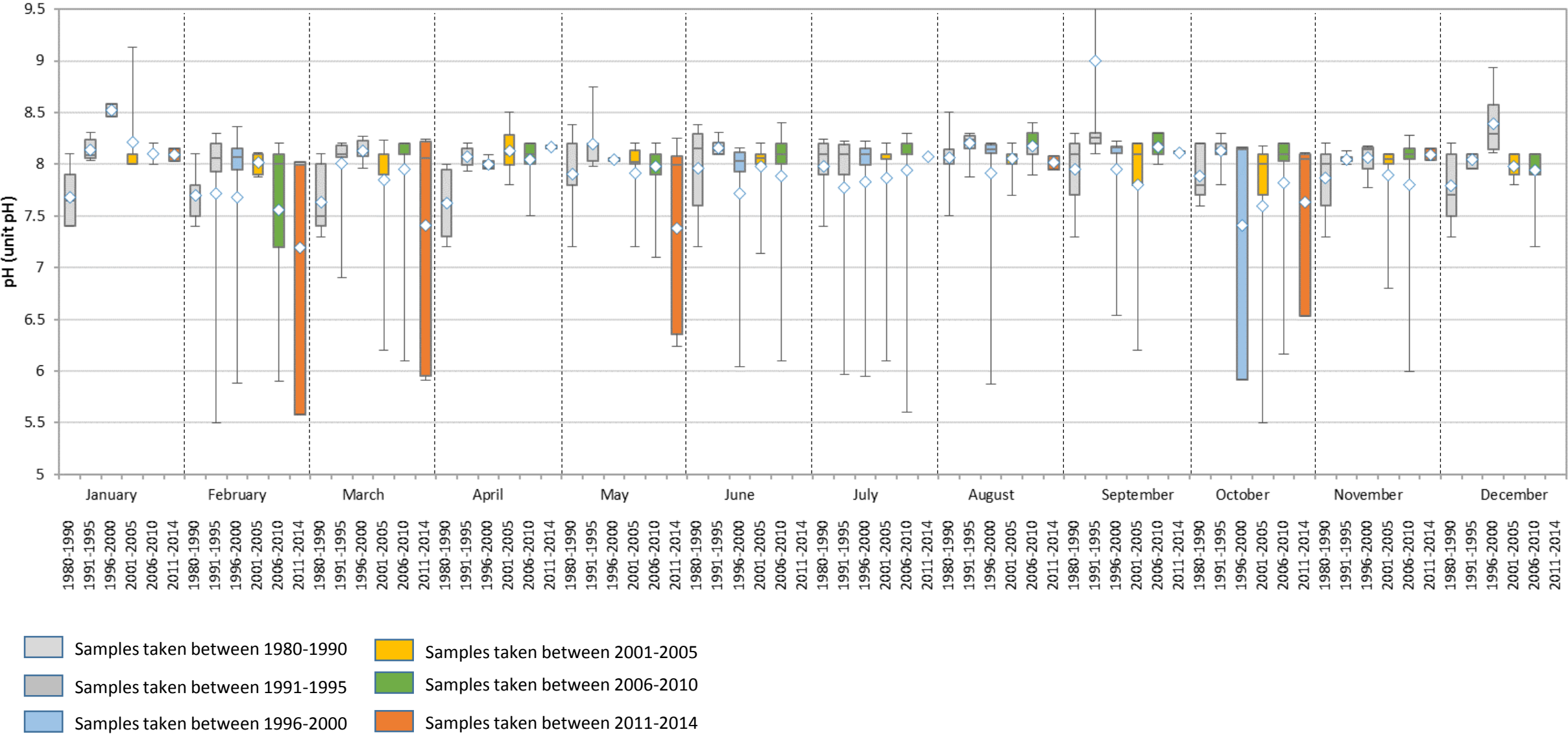


Chloride Concentration (mg/L) at E206585 (Peace River mouth)



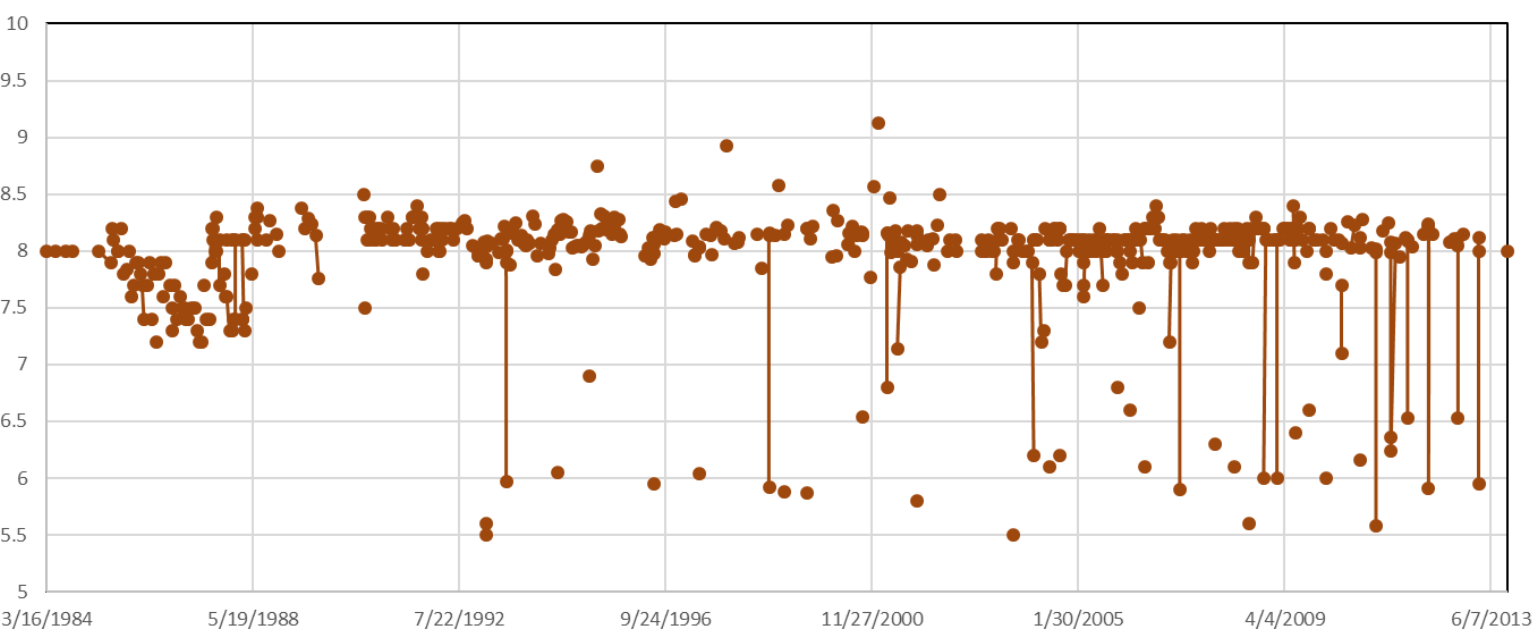
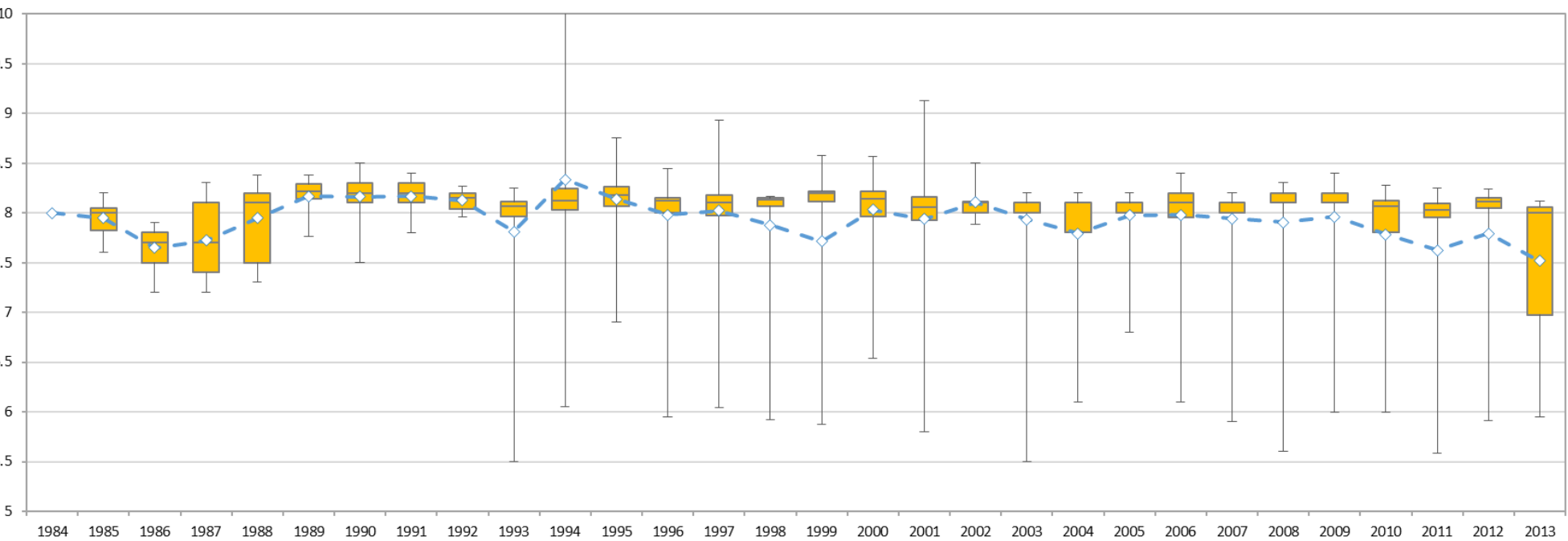


pH at E206585 (Peace River mouth)



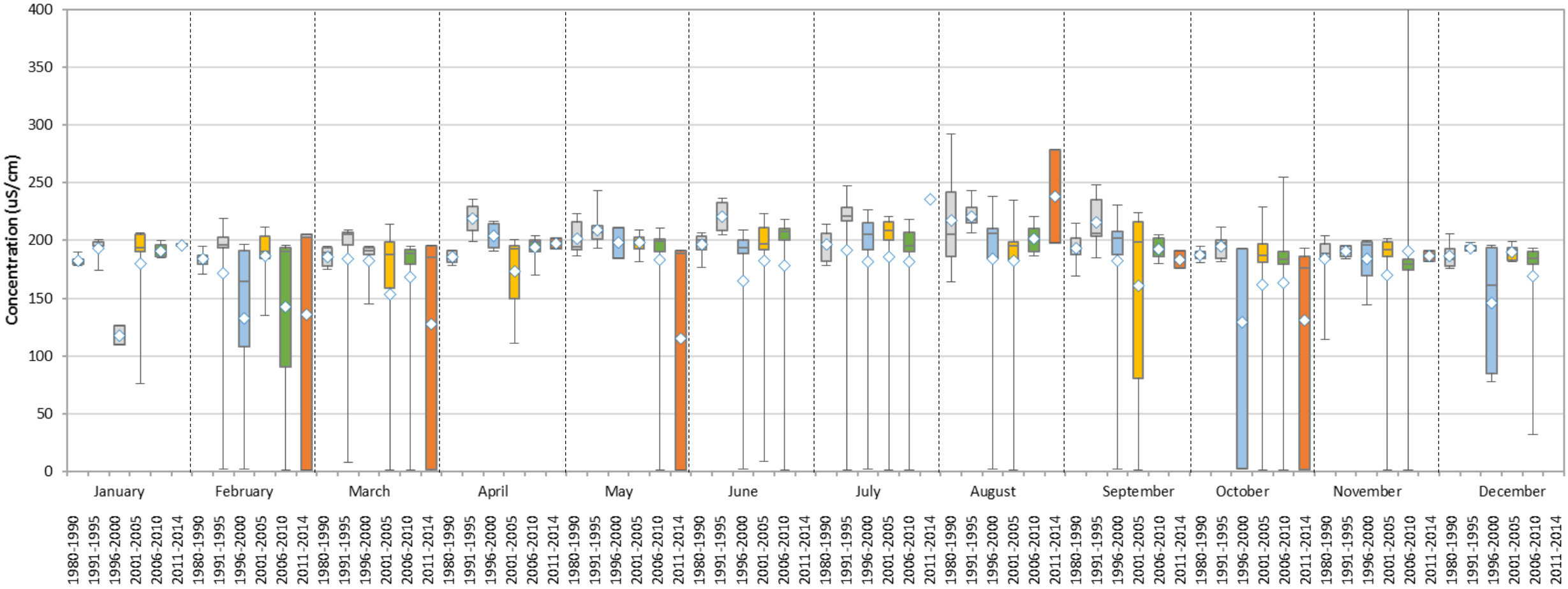


pH at E206585 (Peace River mouth)





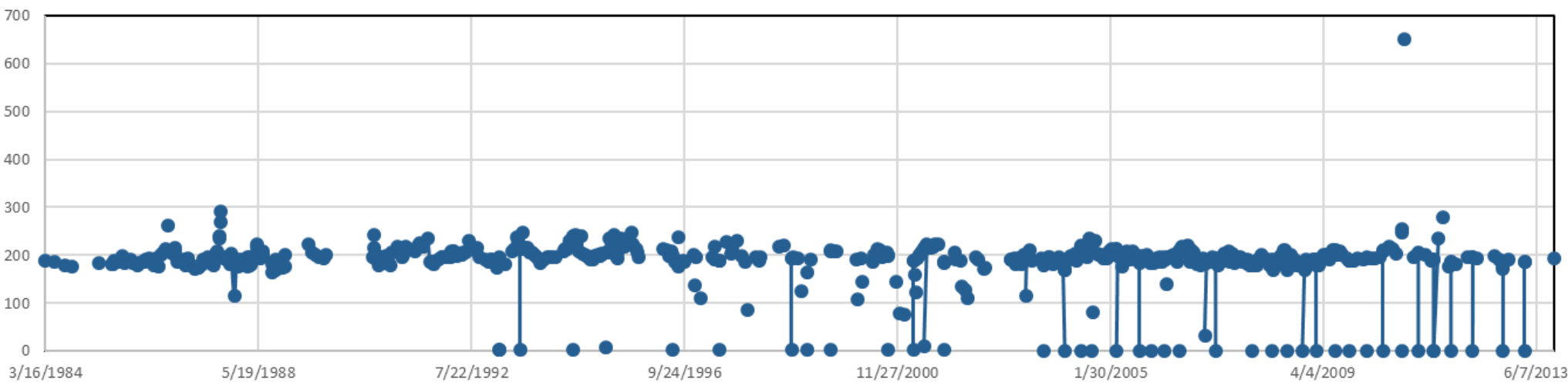
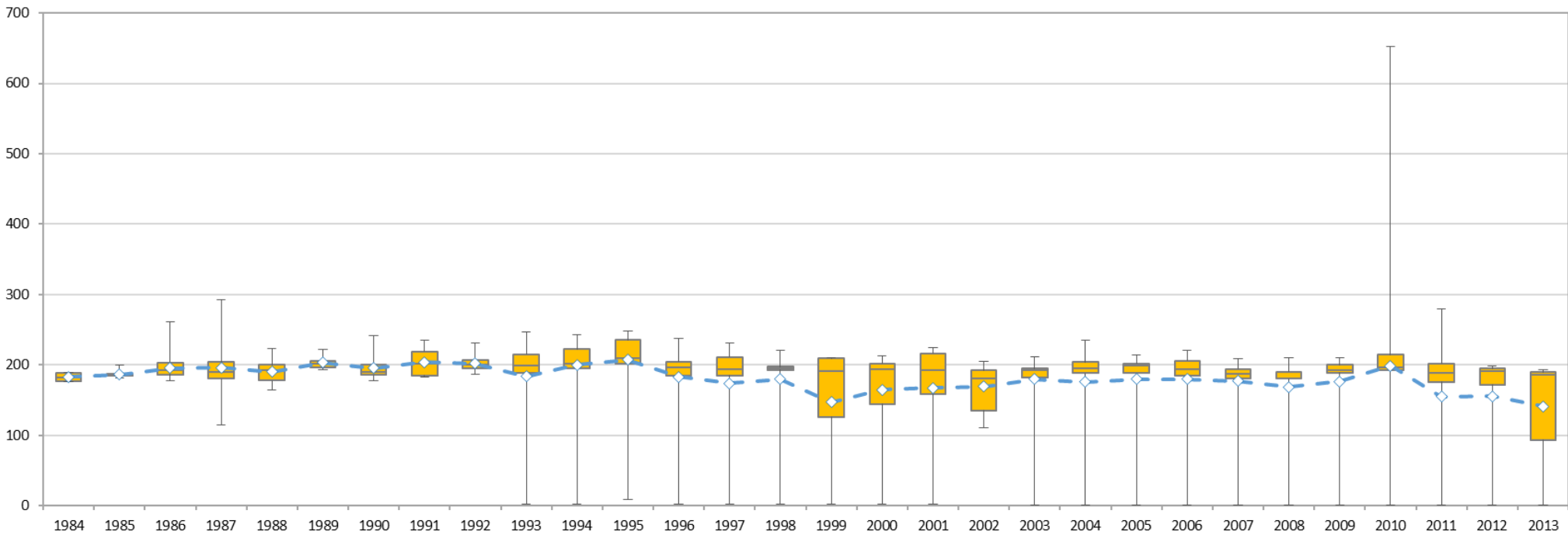
Specific conductivity (uS/cm) at E206585 (Peace River mouth)



- Samples taken between 1980-1990
- Samples taken between 1991-1995
- Samples taken between 1996-2000
- Samples taken between 2001-2005
- Samples taken between 2006-2010
- Samples taken between 2011-2014

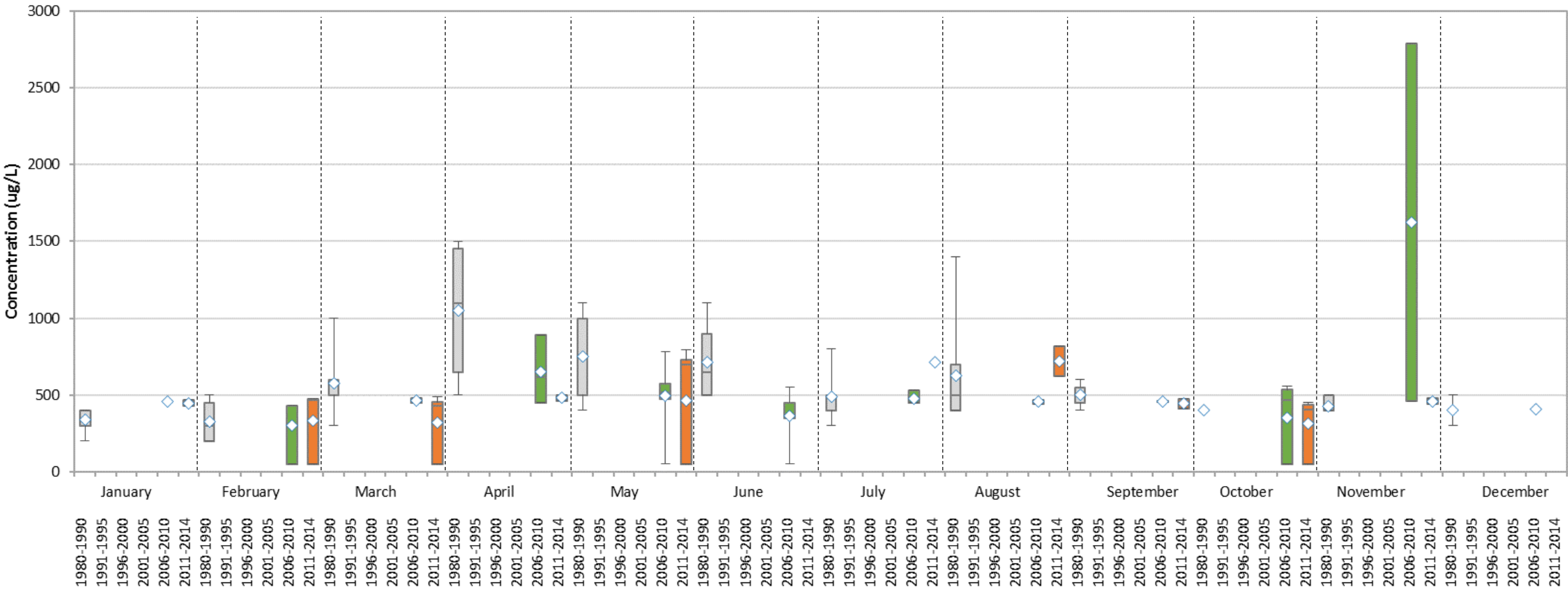


Specific conductivity (uS/cm) at E206585 (Peace River mouth)





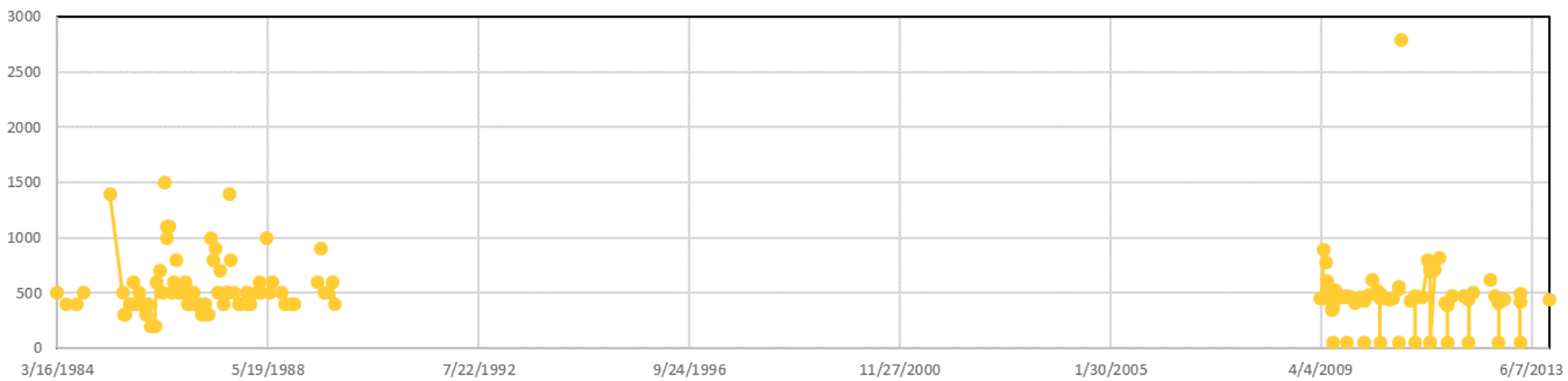
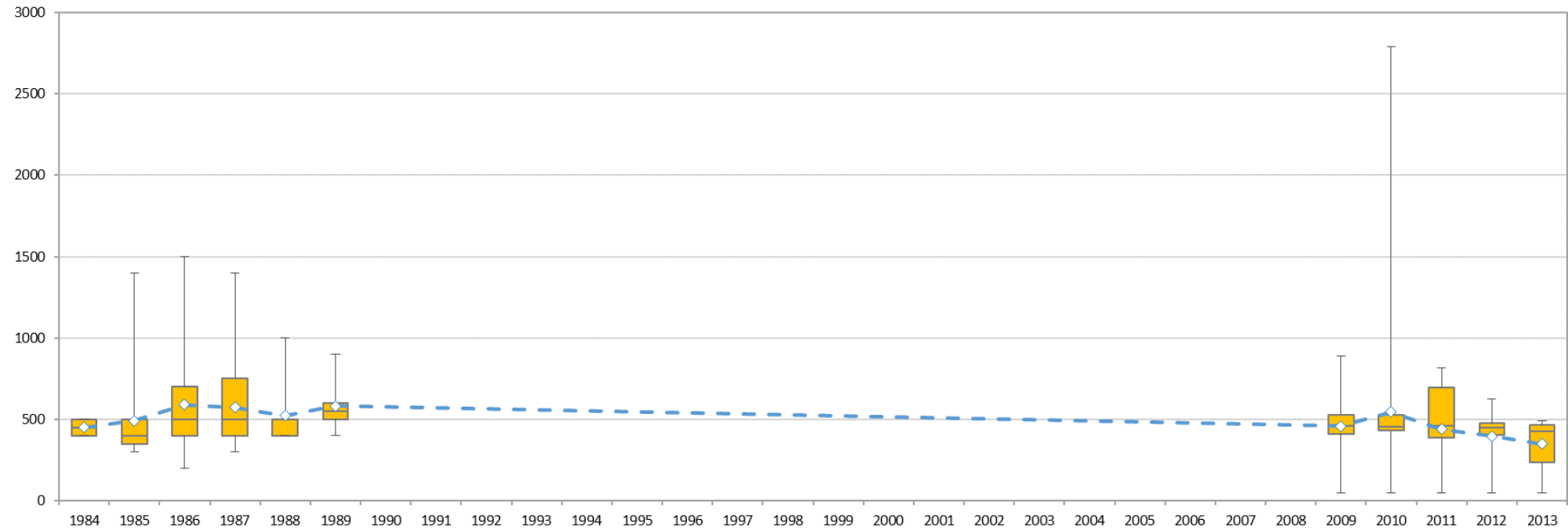
Potassium (ug/L) at E206585 (Peace River mouth)



- Samples taken between 1980-1990
- Samples taken between 1991-1995
- Samples taken between 1996-2000
- Samples taken between 2001-2005
- Samples taken between 2006-2010
- Samples taken between 2011-2014

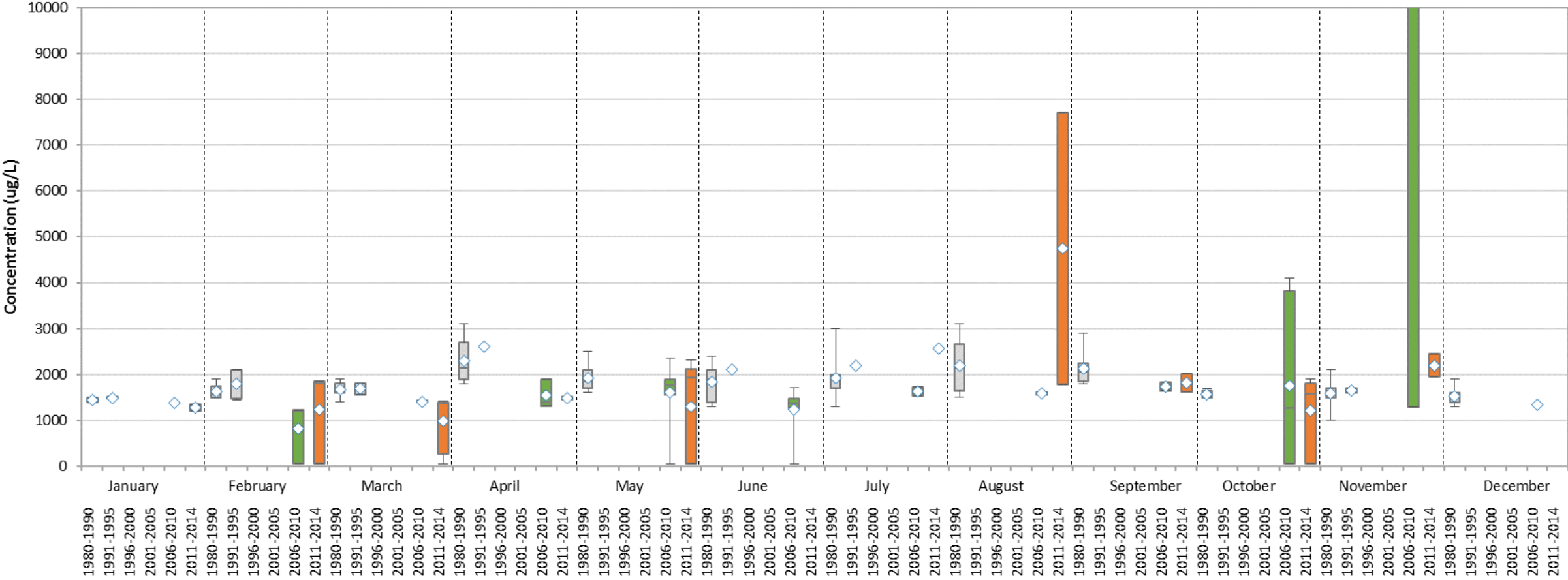


### Potassium (ug/L) at E206585 (Peace River mouth)





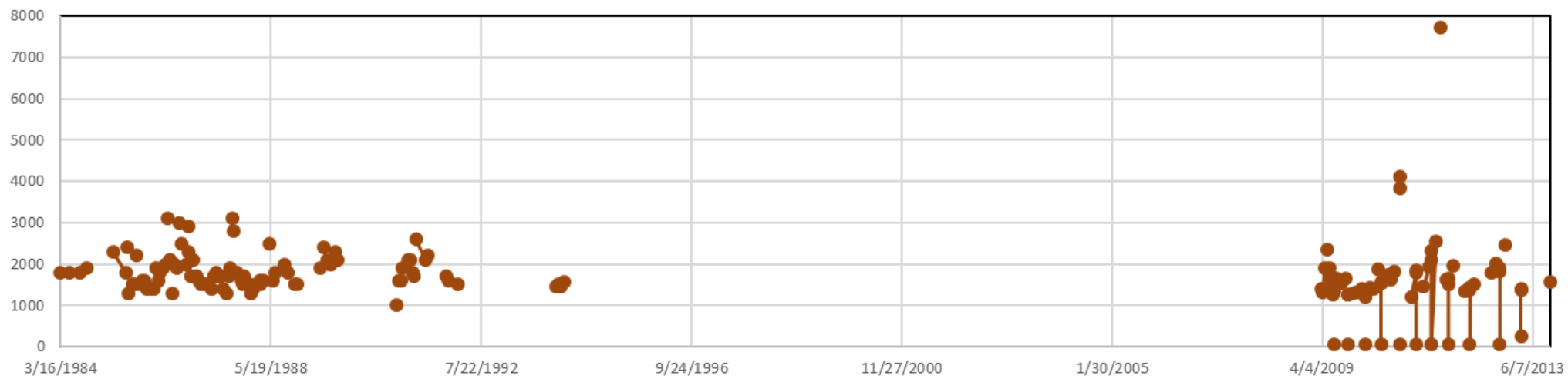
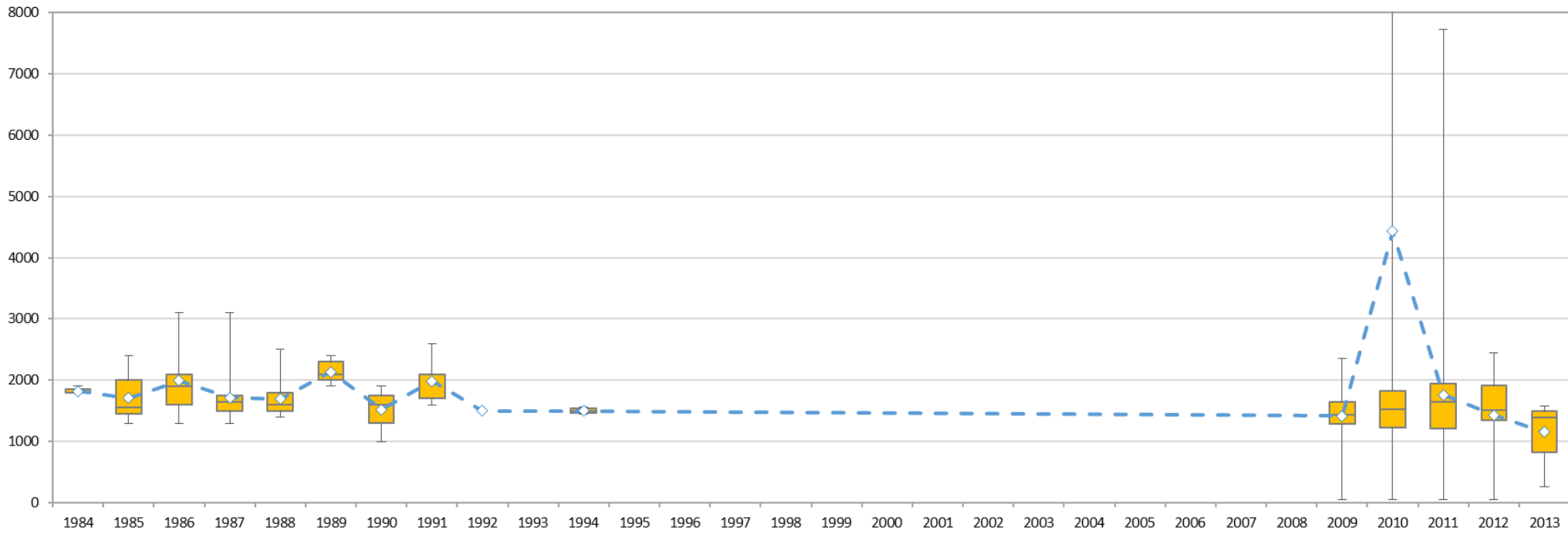
Sodium (ug/L) at E206585 (Peace River mouth)



- Samples taken between 1980-1990
- Samples taken between 1991-1995
- Samples taken between 1996-2000
- Samples taken between 2001-2005
- Samples taken between 2006-2010
- Samples taken between 2011-2014

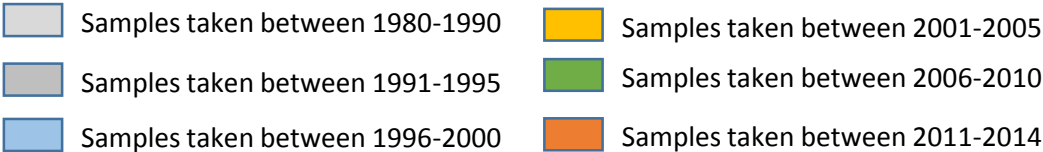
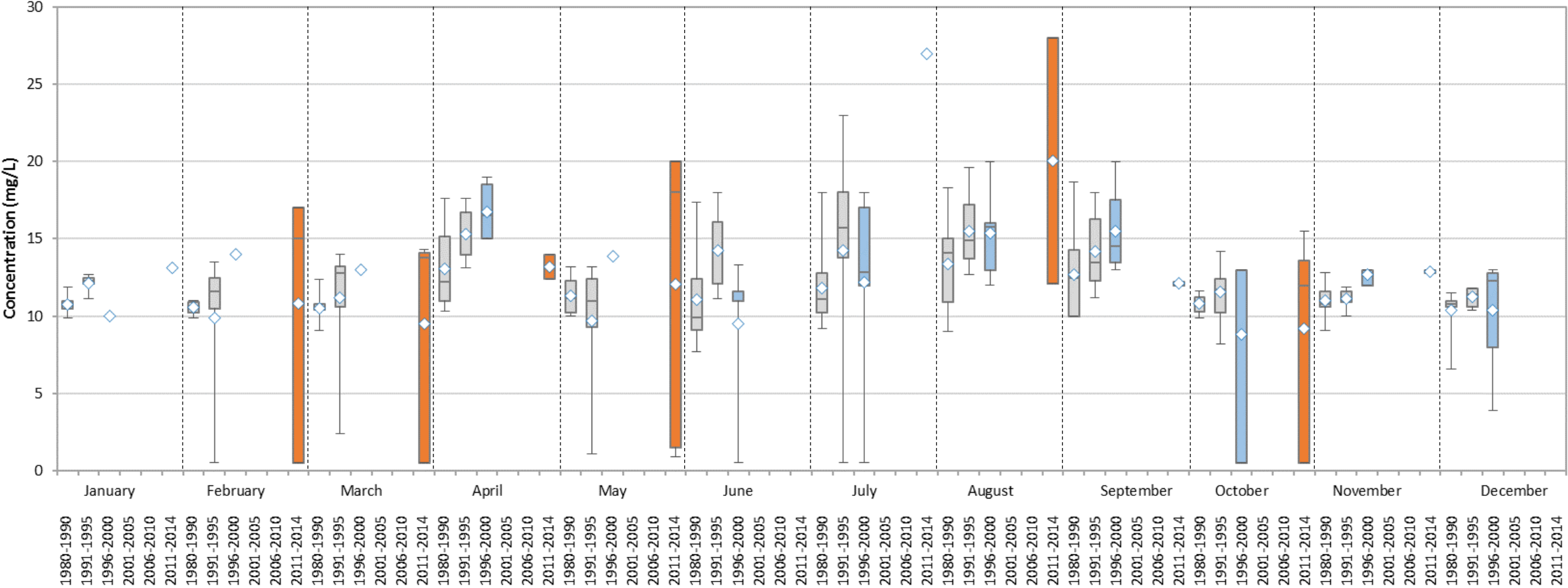


### Sodium (ug/L) at E206585 (Peace River mouth)





Sulphate (mg/L) at E206585 (Peace River mouth)





Sulphate (mg/L) at E206585 (Peace River mouth)

