

# PEI Pesticide Monitoring Program – Stream Water 2009 – 2018

PEI Department of Environment, Water and Climate Change

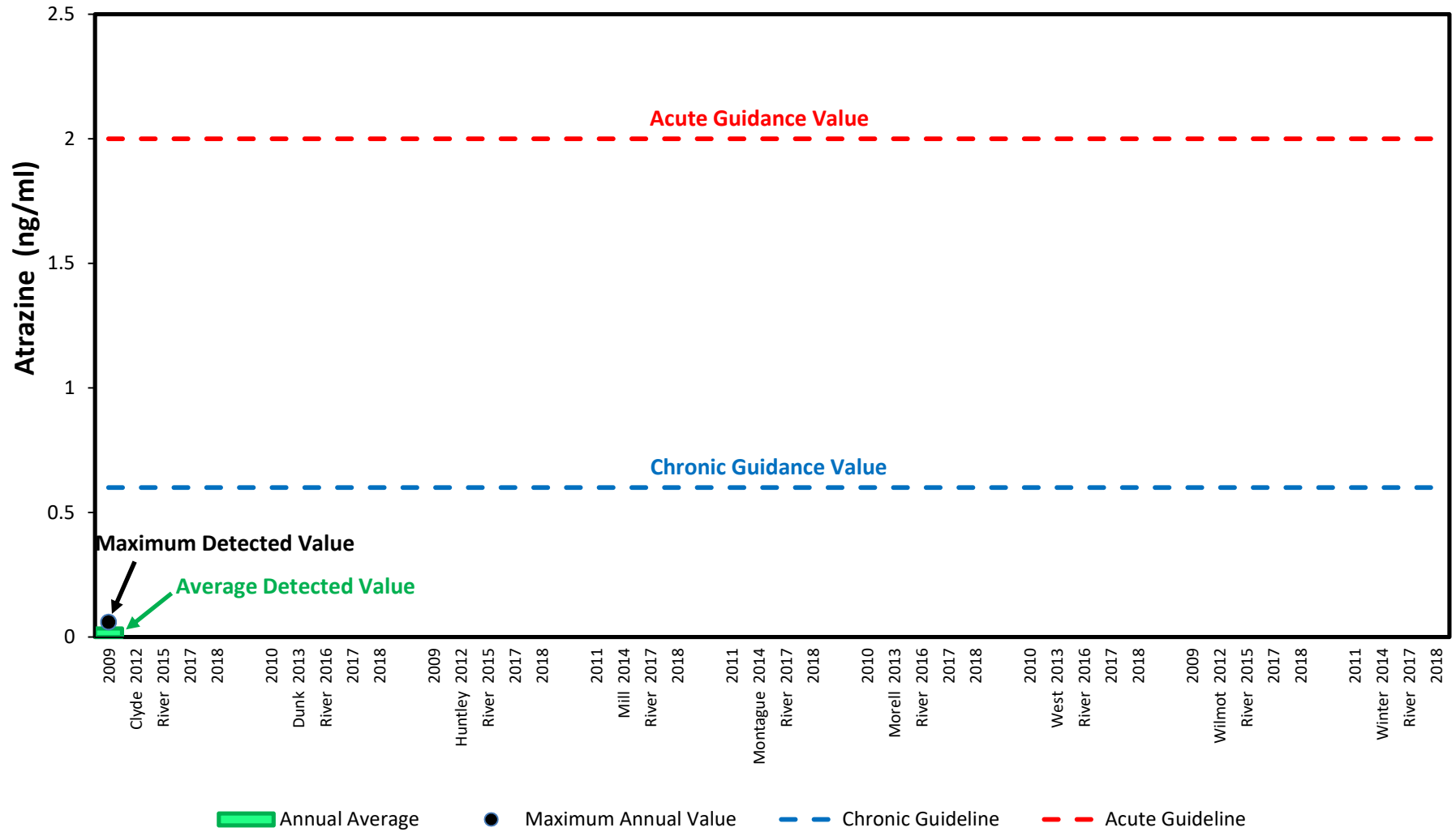
The following charts show the various pesticide compounds detected in each stream during water sampling from 2009 through 2018. A graph is presented for each compound that was detected. The maximum annual detected value is shown as a black dot and a green bar shows the average detected value. Years without any detections are shown without dots or bars. The long term guideline for aquatic life for each compound is shown as a blue dotted line (chronic guideline). The short term guideline for aquatic life for each compound is shown as a red dotted line (acute guideline). Raw data for these charts may be downloaded from the provincial open data site (<https://data.princeedwardisland.ca/Environment-and-Food/OD0001-Pesticide-Analysis-for-Stream-Water/jj4n-qqq2>).



Environment, Water and  
Climate Change

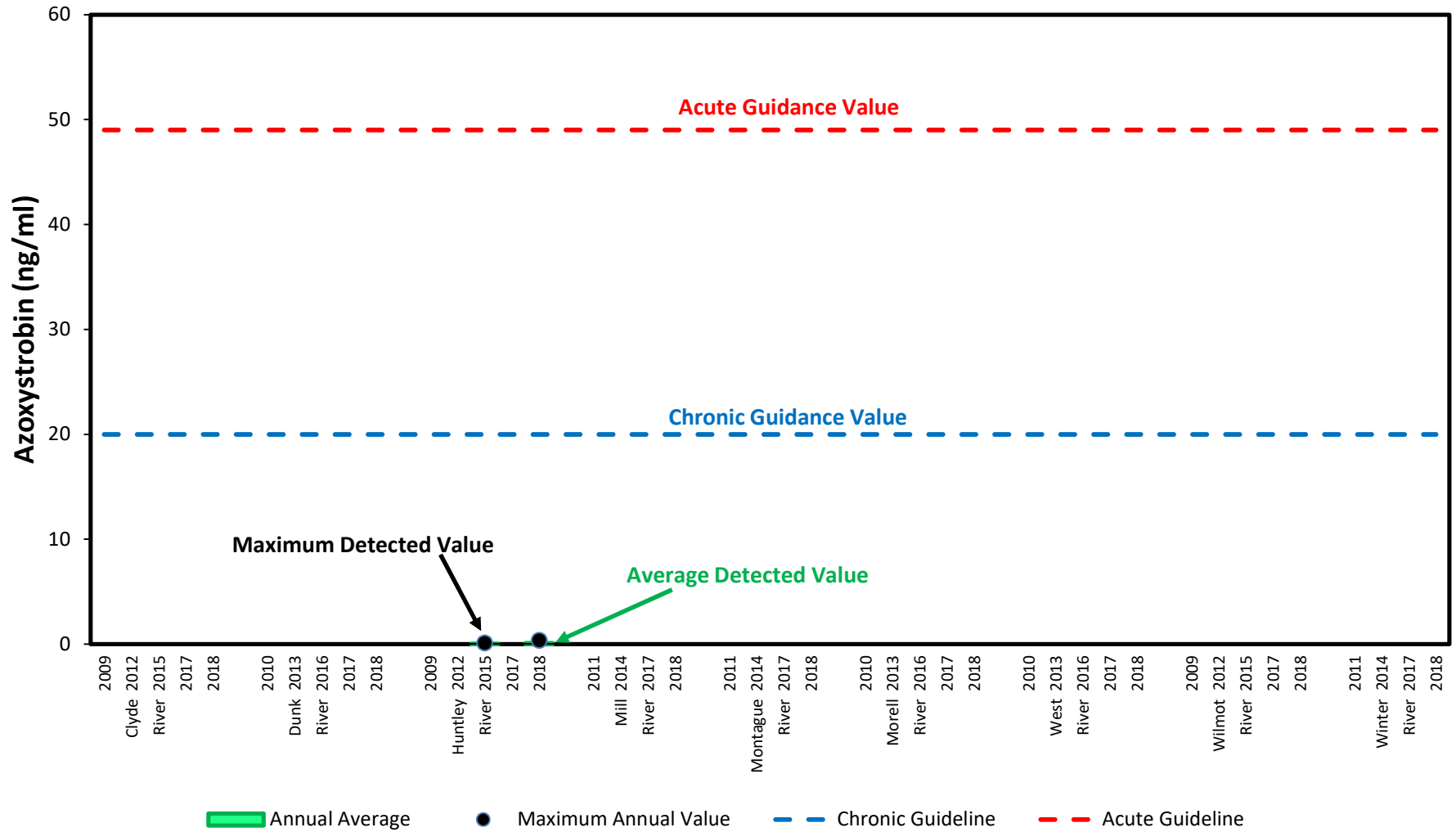
# Stream Pesticide Concentrations

## Average Atrazine Detections (2009-2018)



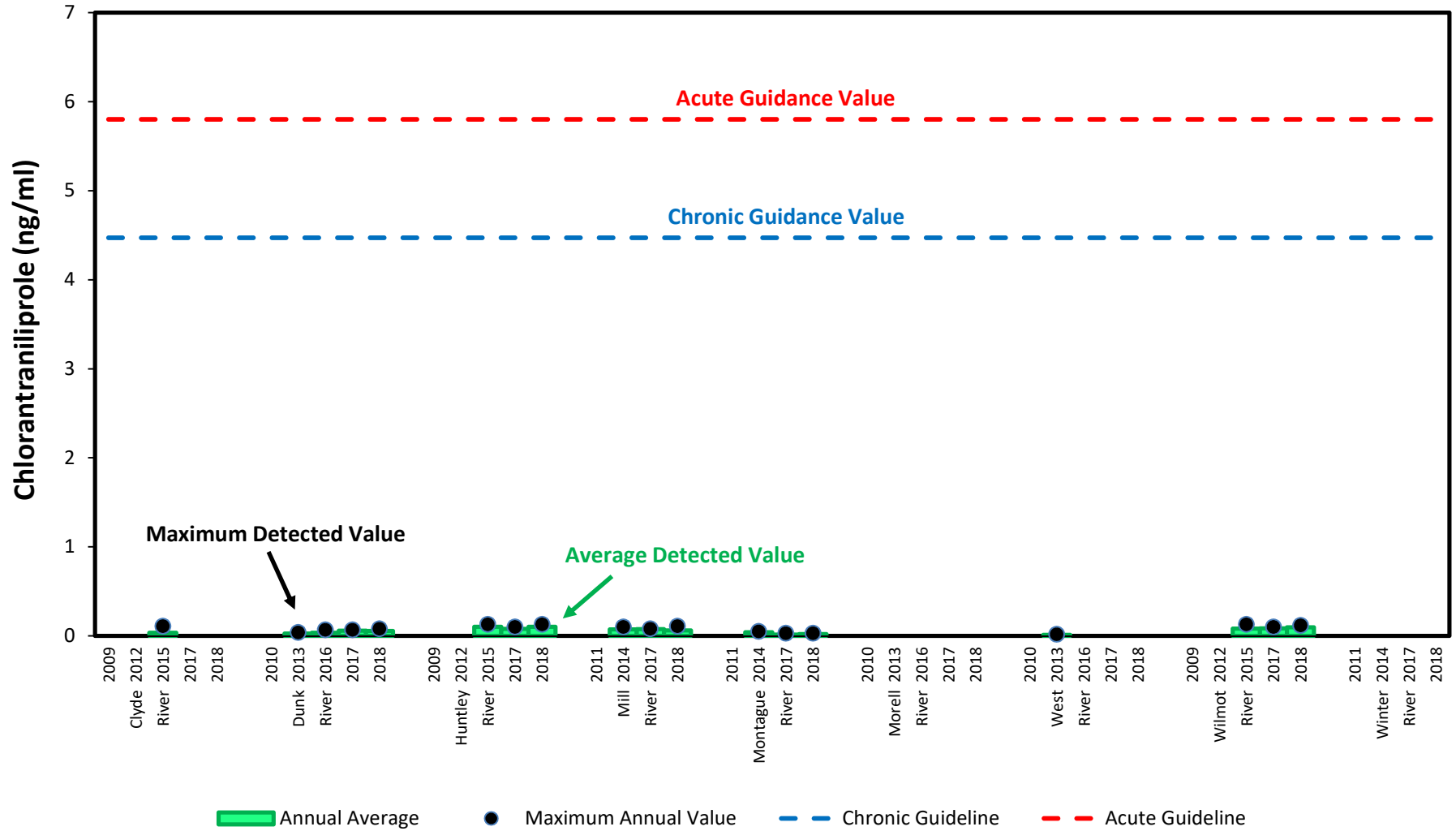
# Stream Pesticide Concentrations

## Average Azoxystrobin Detections (2009-2018)



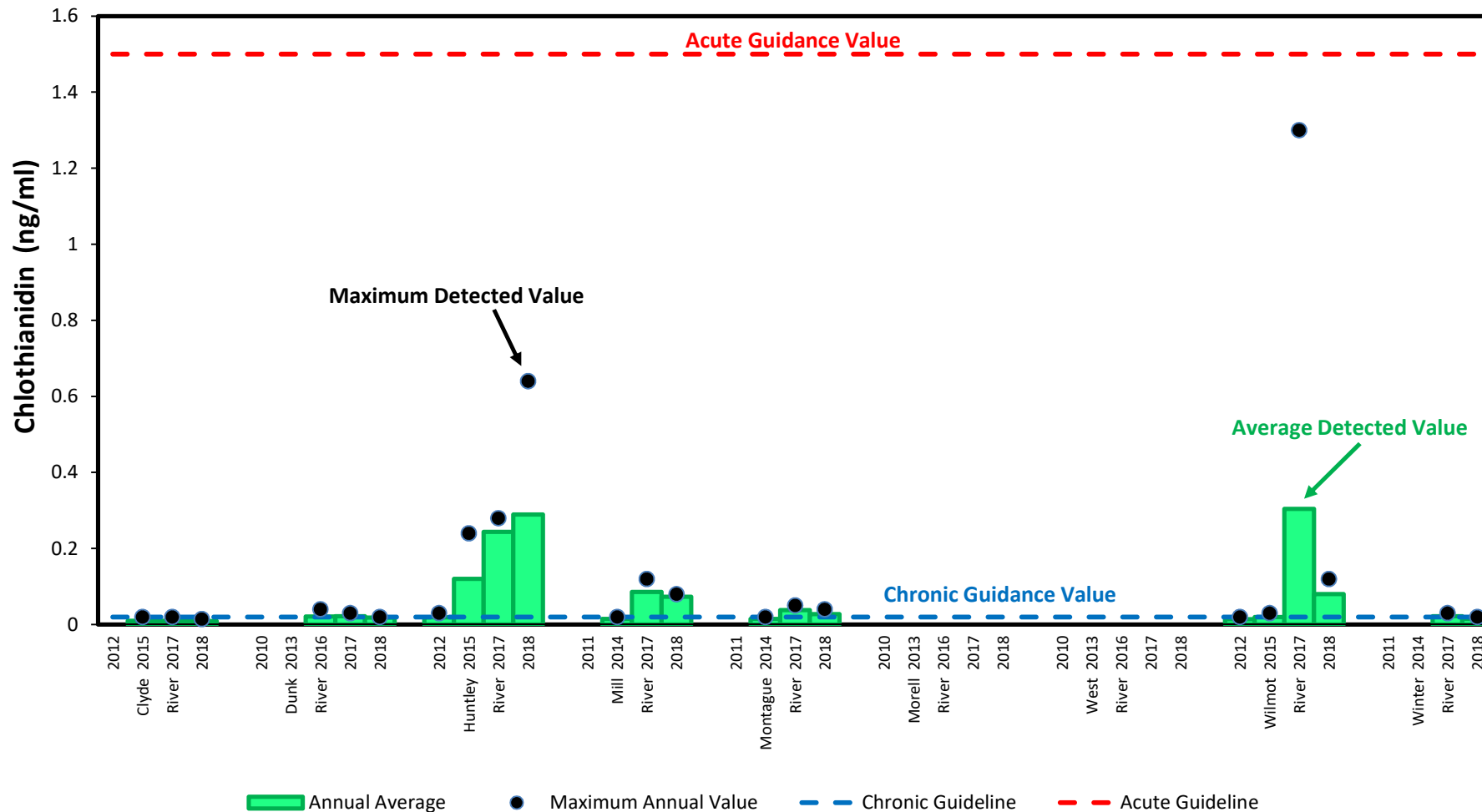
# Stream Pesticide Concentrations

## Average Chlorantraniliprole Detections (2009-2018)



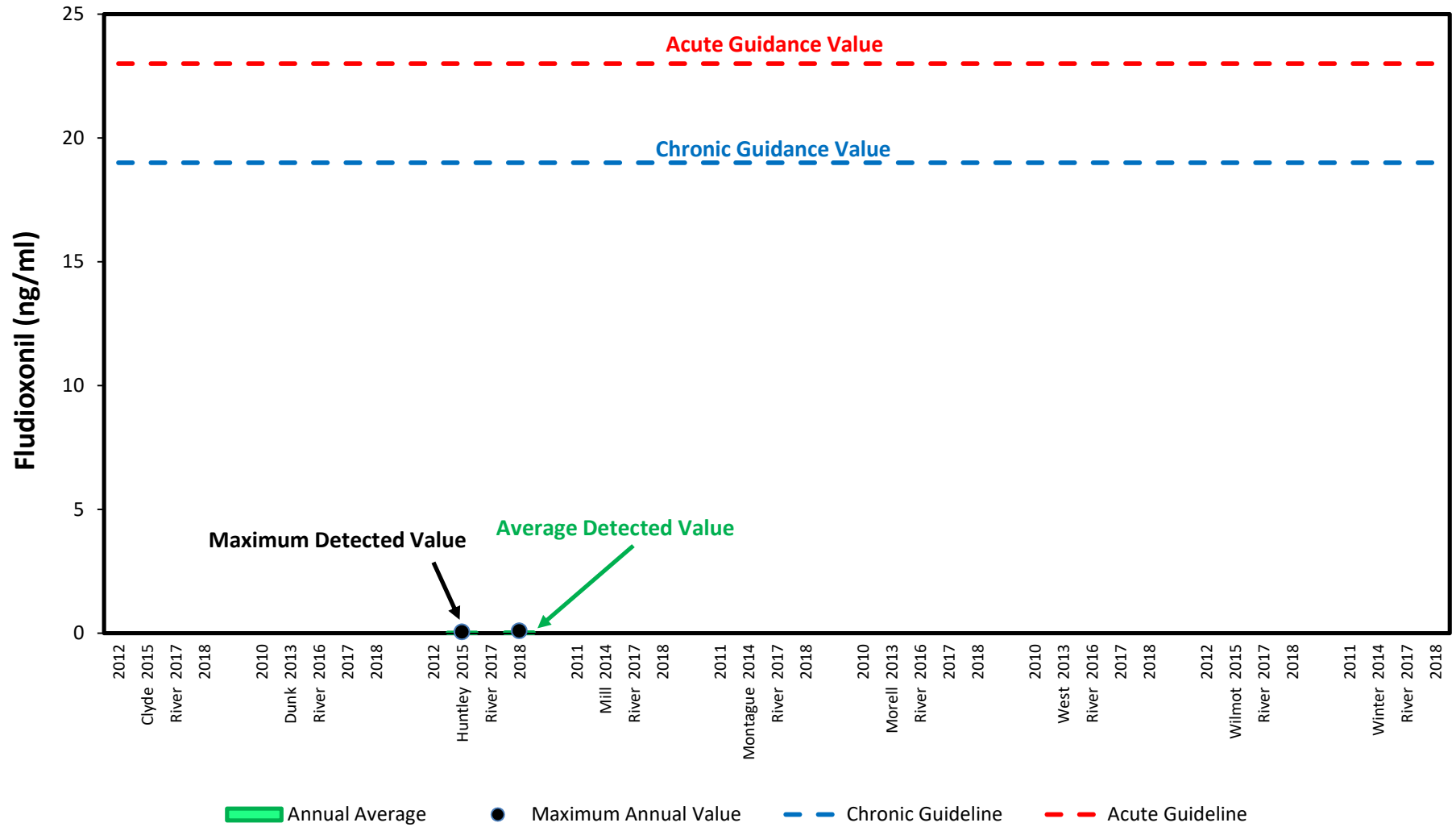
# Stream Pesticide Concentrations

## Average Chlothianidin Detections (2010-2018)



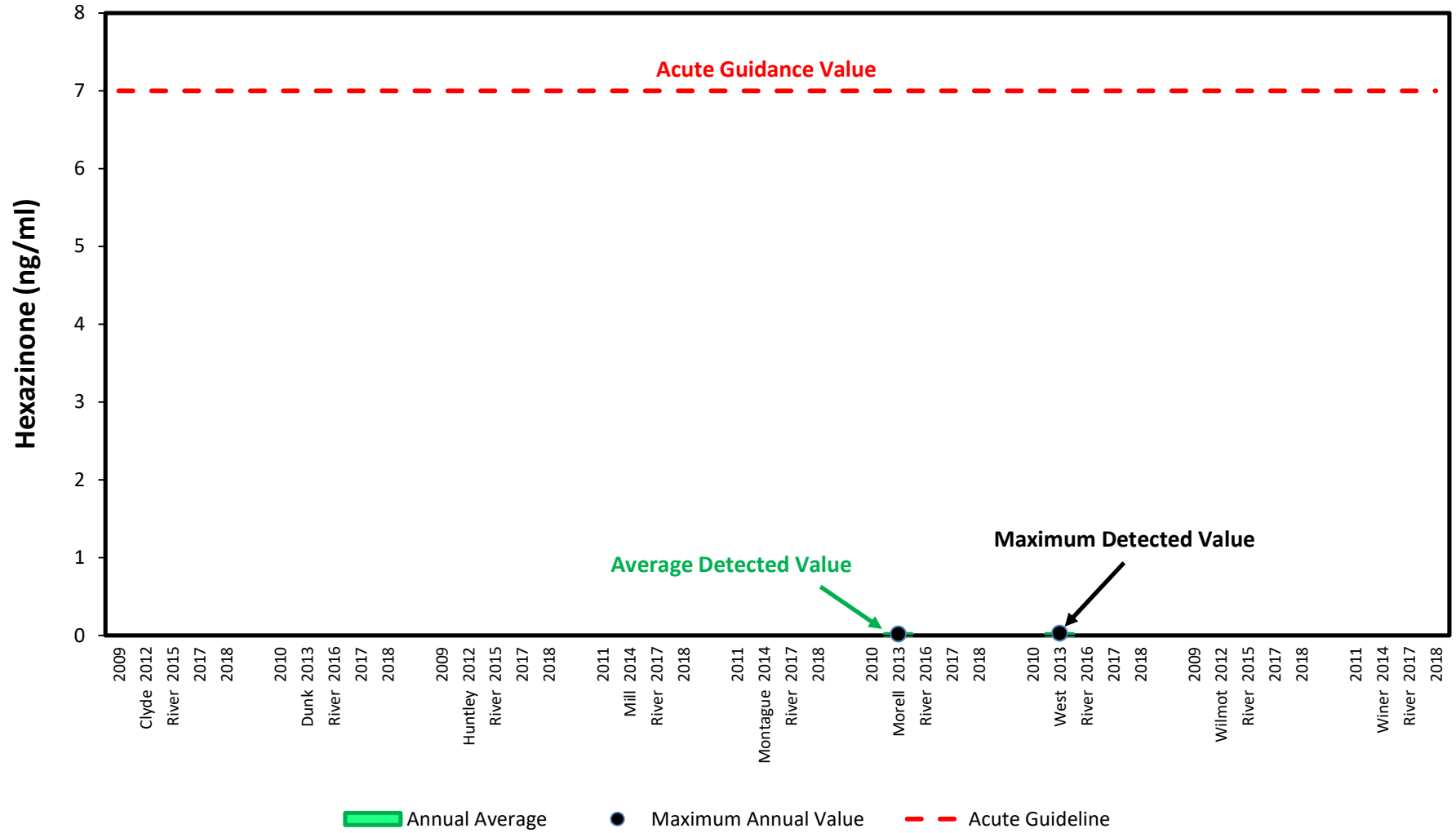
# Stream Pesticide Concentrations

## Average Fludioxonil Detections (2010-2018)



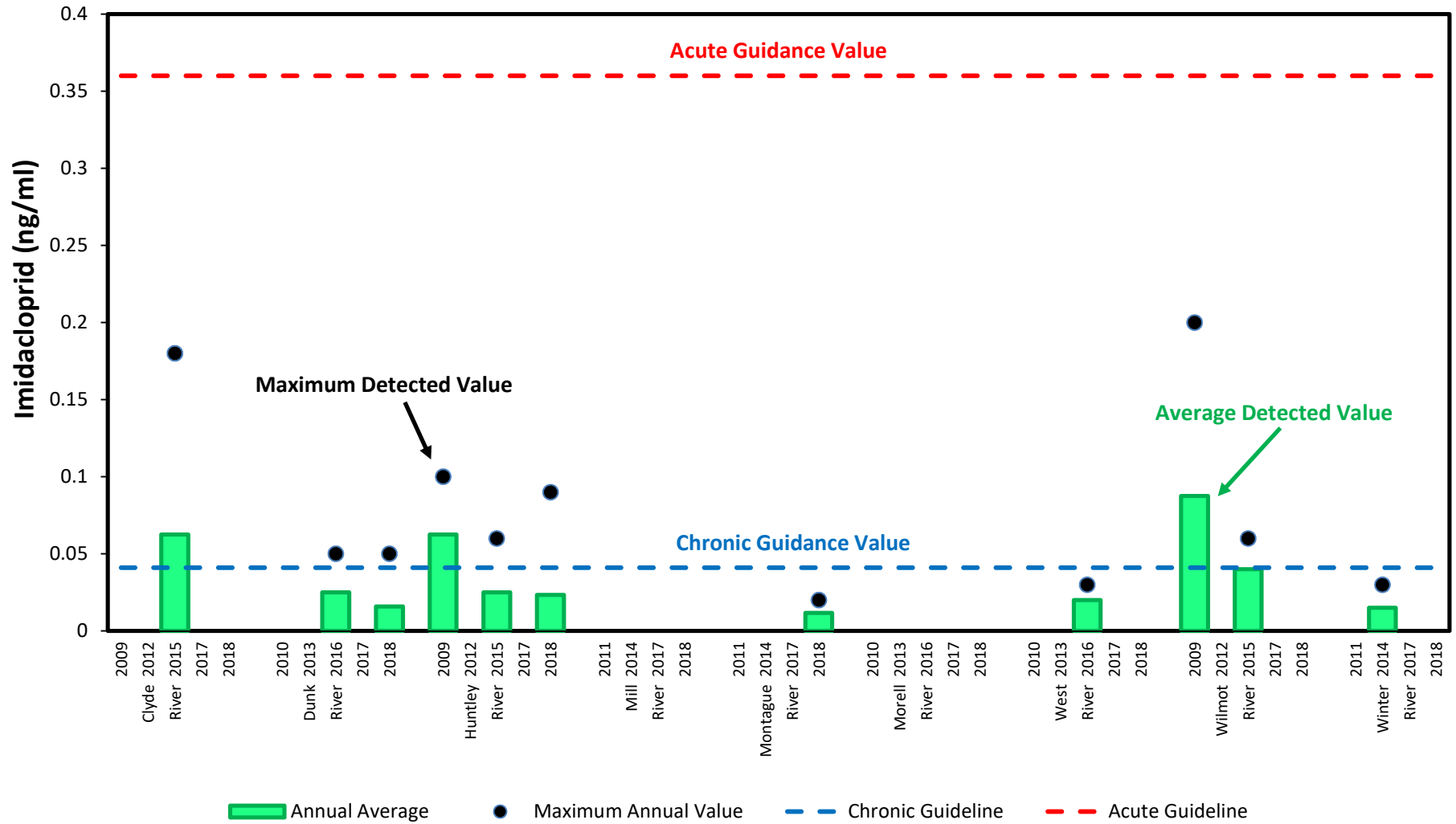
# Stream Pesticide Concentrations

## Average Hexazinone Detections (2009-2018)



# Stream Pesticide Concentrations

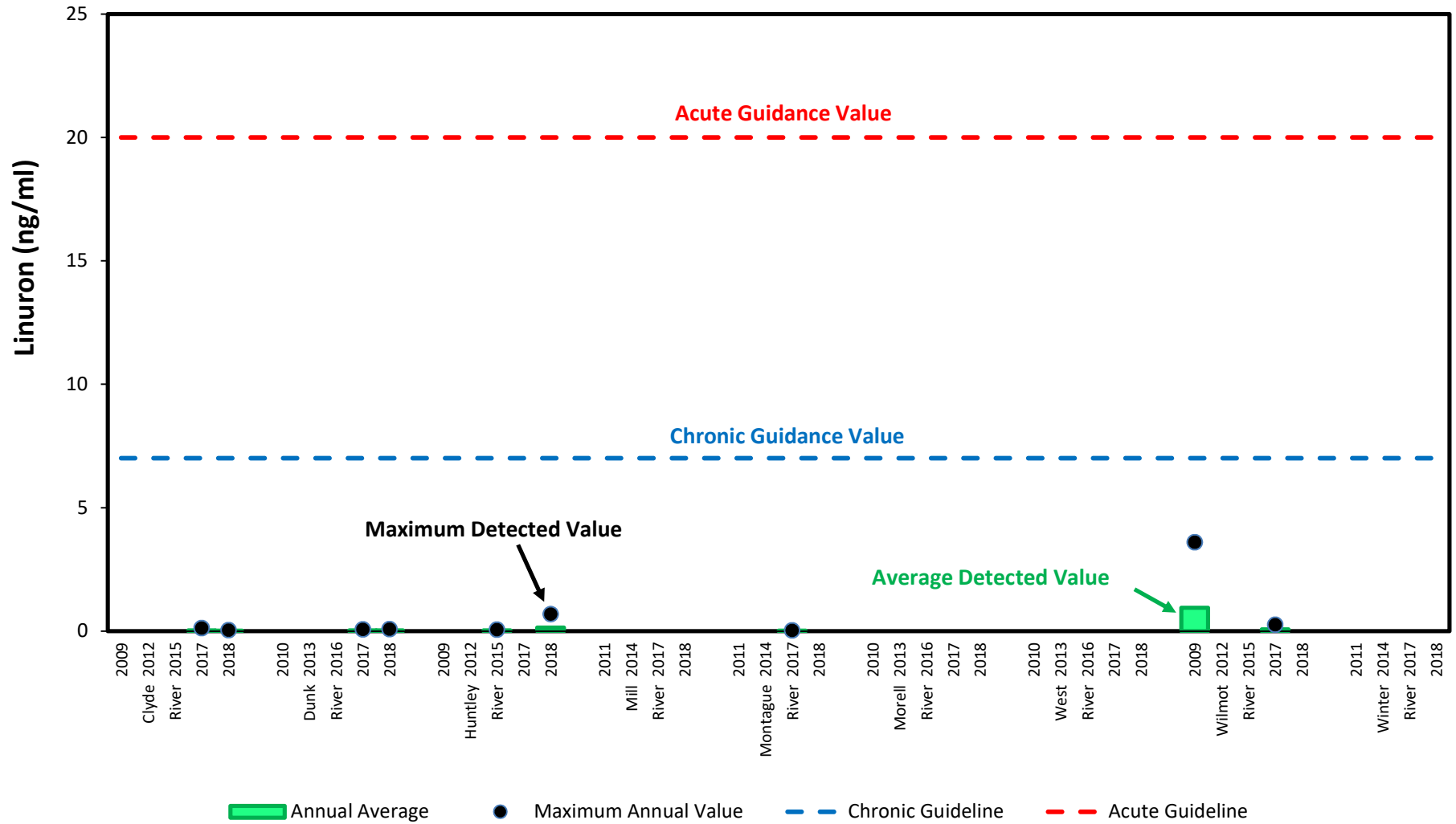
## Average Imidacloprid Detections (2009-2018)





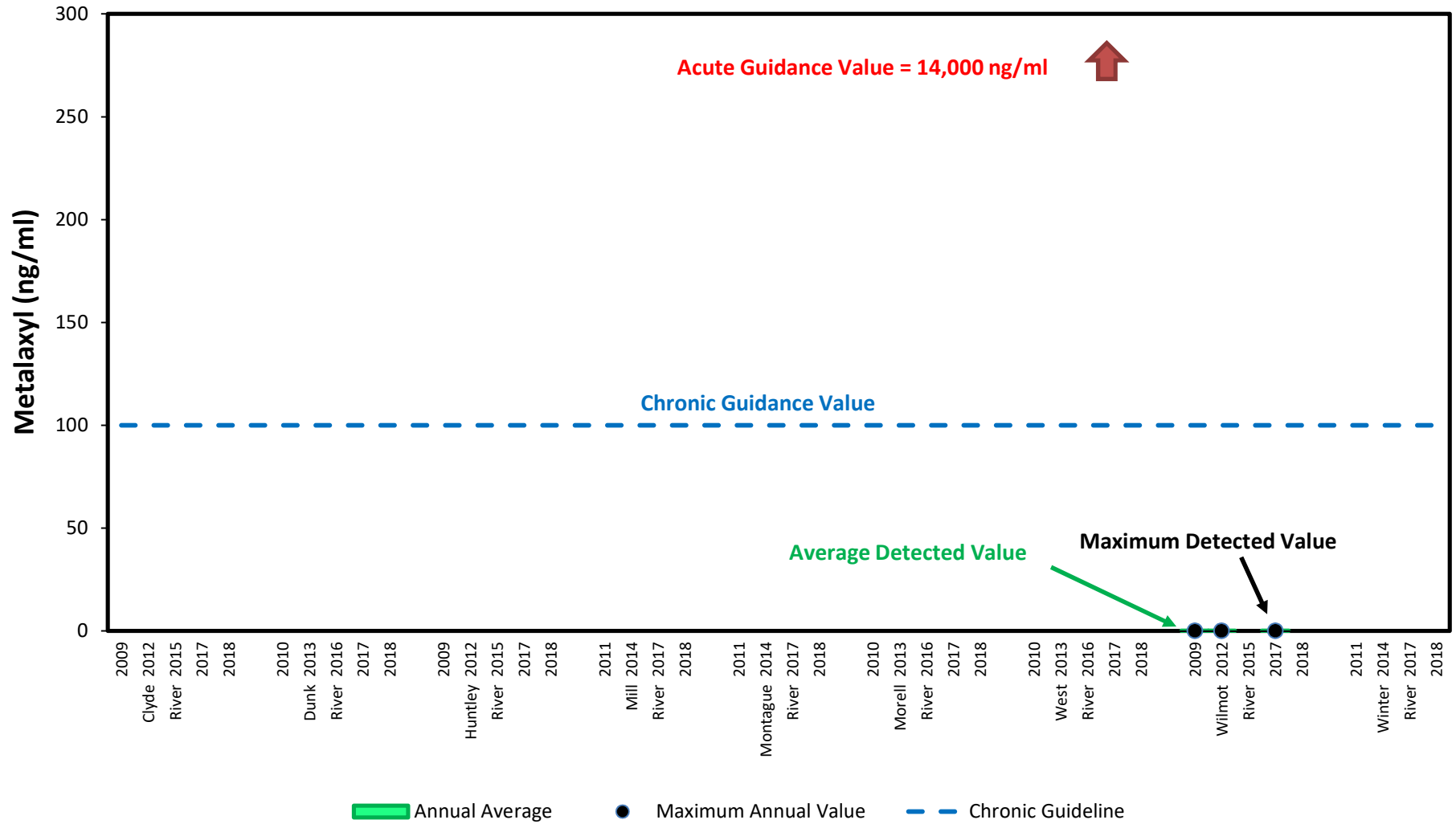
# Stream Pesticide Concentrations

## Average Linuron Detections (2009-2018)



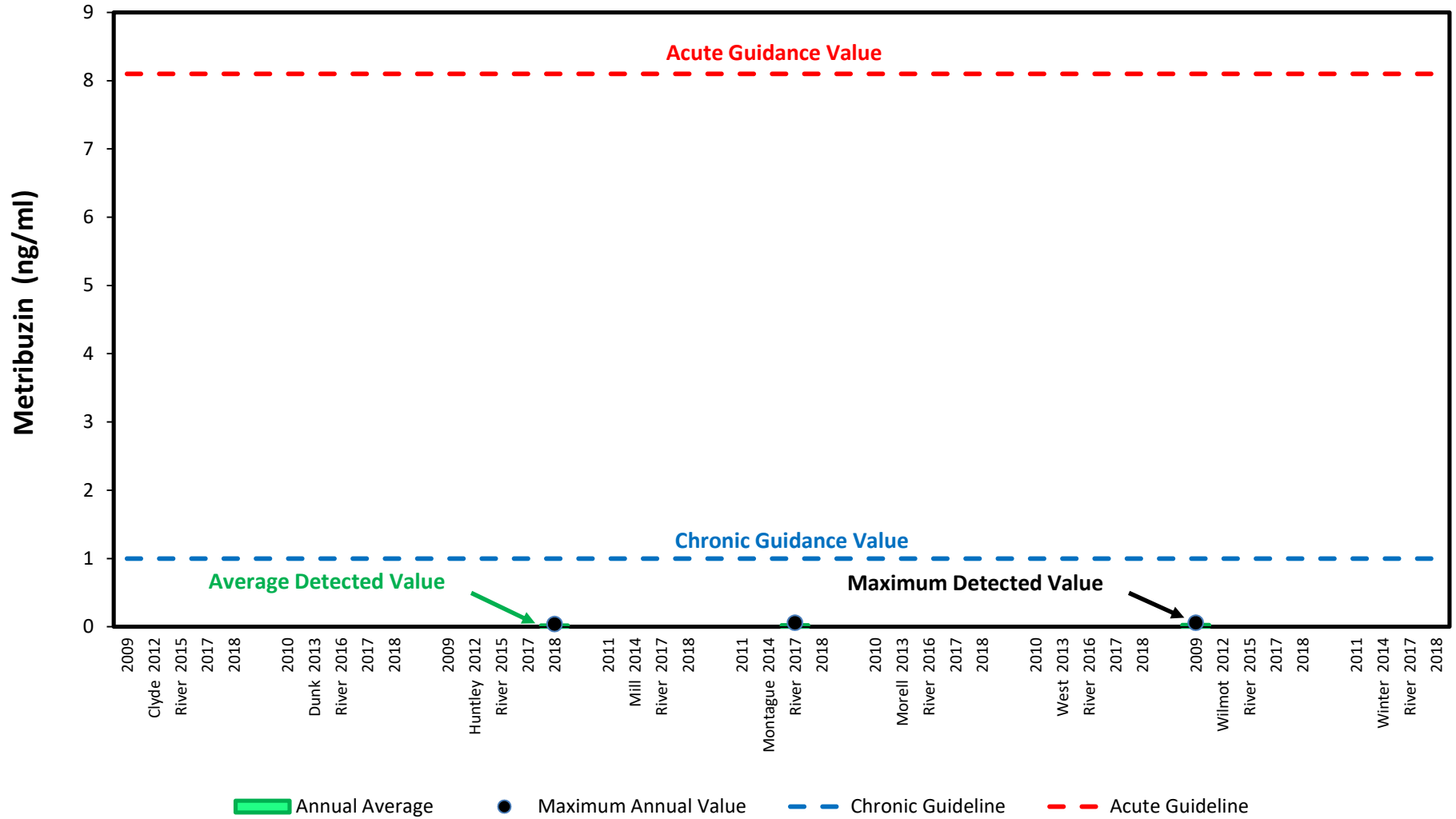
# Stream Pesticide Concentrations

## Average Metalaxyl Detections (2009-2018)



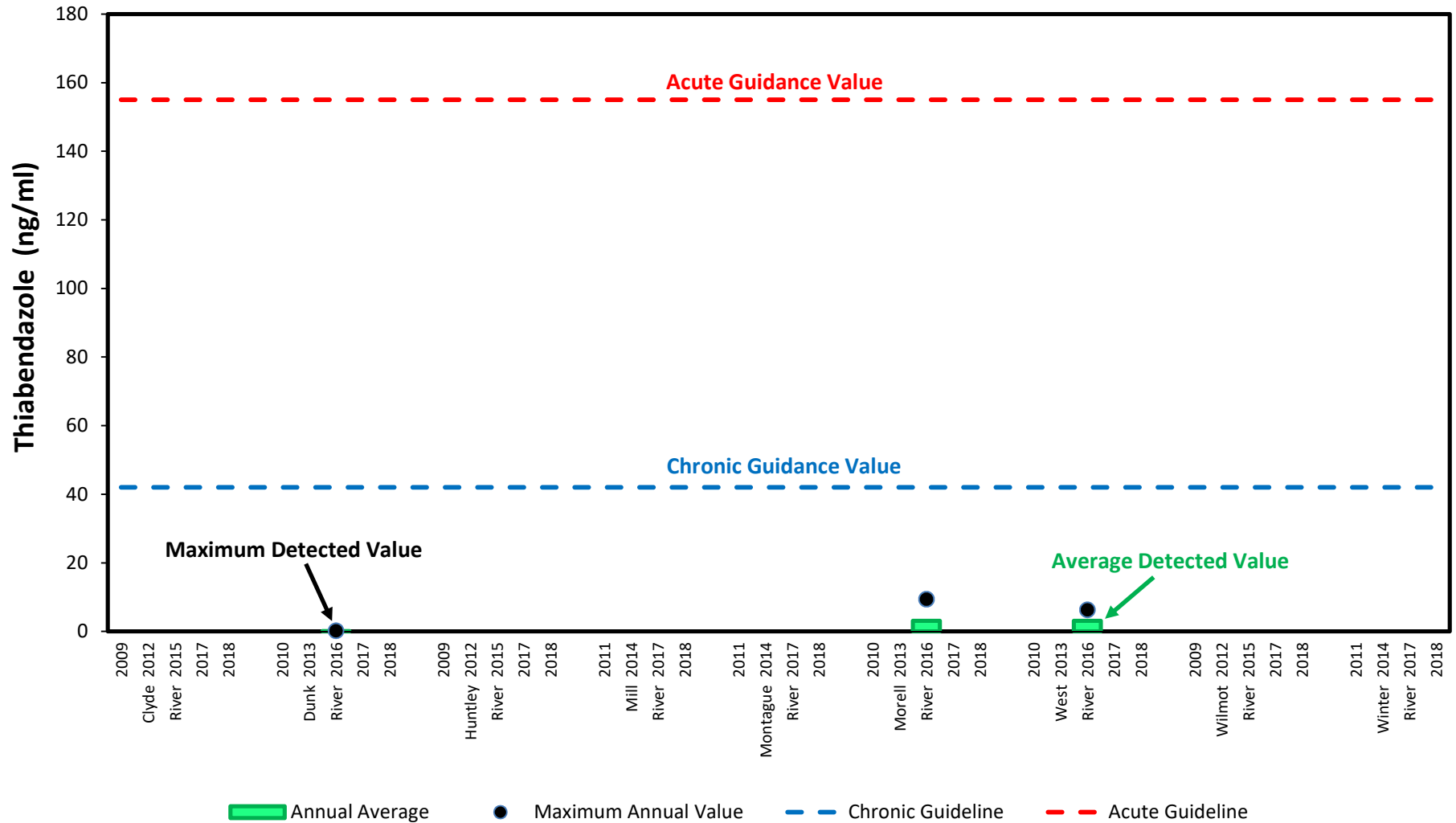
# Stream Pesticide Concentrations

## Average Metribuzin Detections (2009-2018)



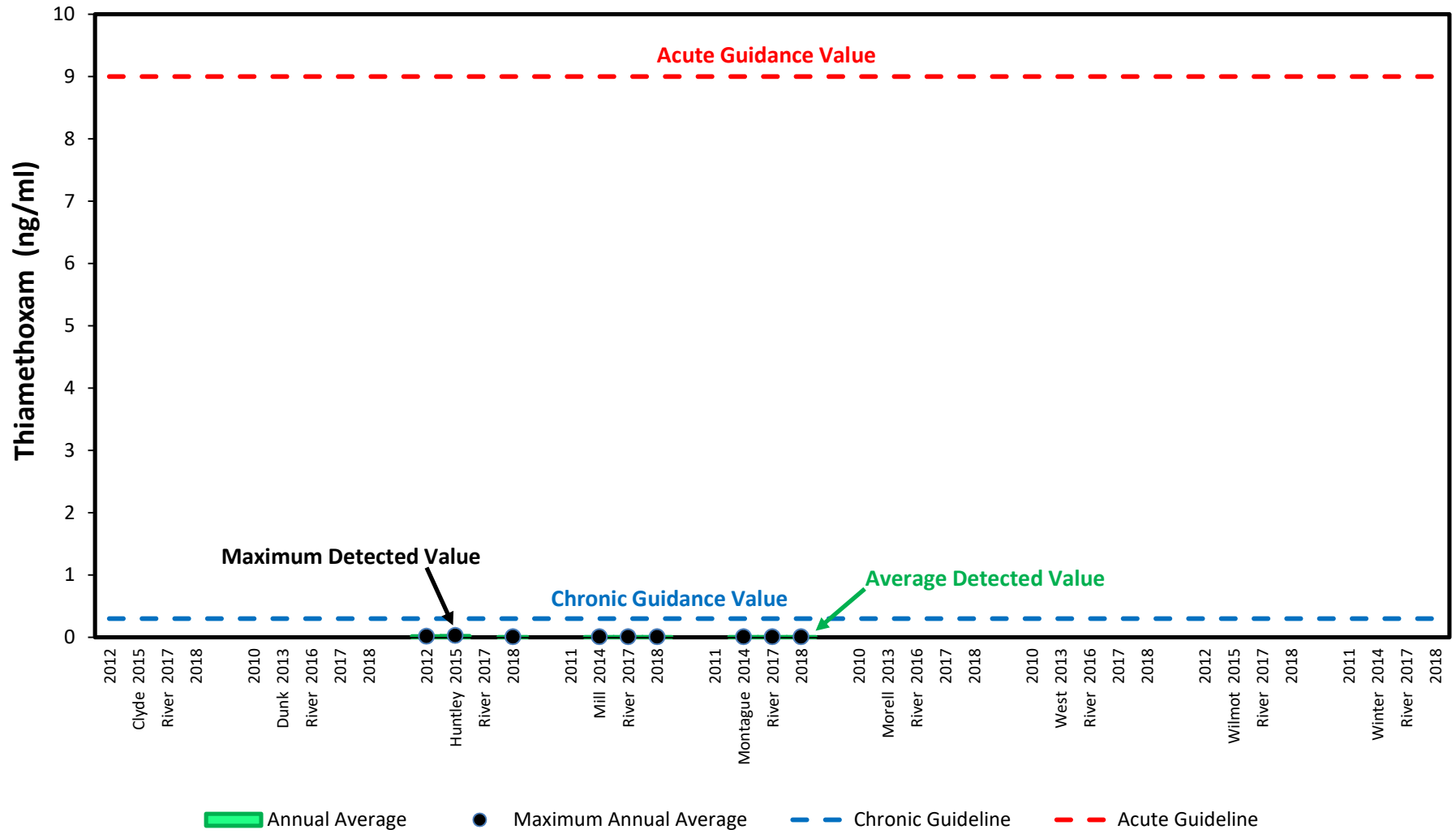
# Stream Pesticide Concentrations

## Average Thiabendazole Detections (2009-2018)



# Stream Pesticide Concentrations

## Average Thiamethoxam Detections (2010-2018)



# Stream Pesticide Concentrations

## Average Thiophanate-Methyl Detections (2009-2018)

