

Technical Report No. 63

CHLORIDE CONDITIONS AND TRENDS IN SOUTHEASTERN WISCONSIN

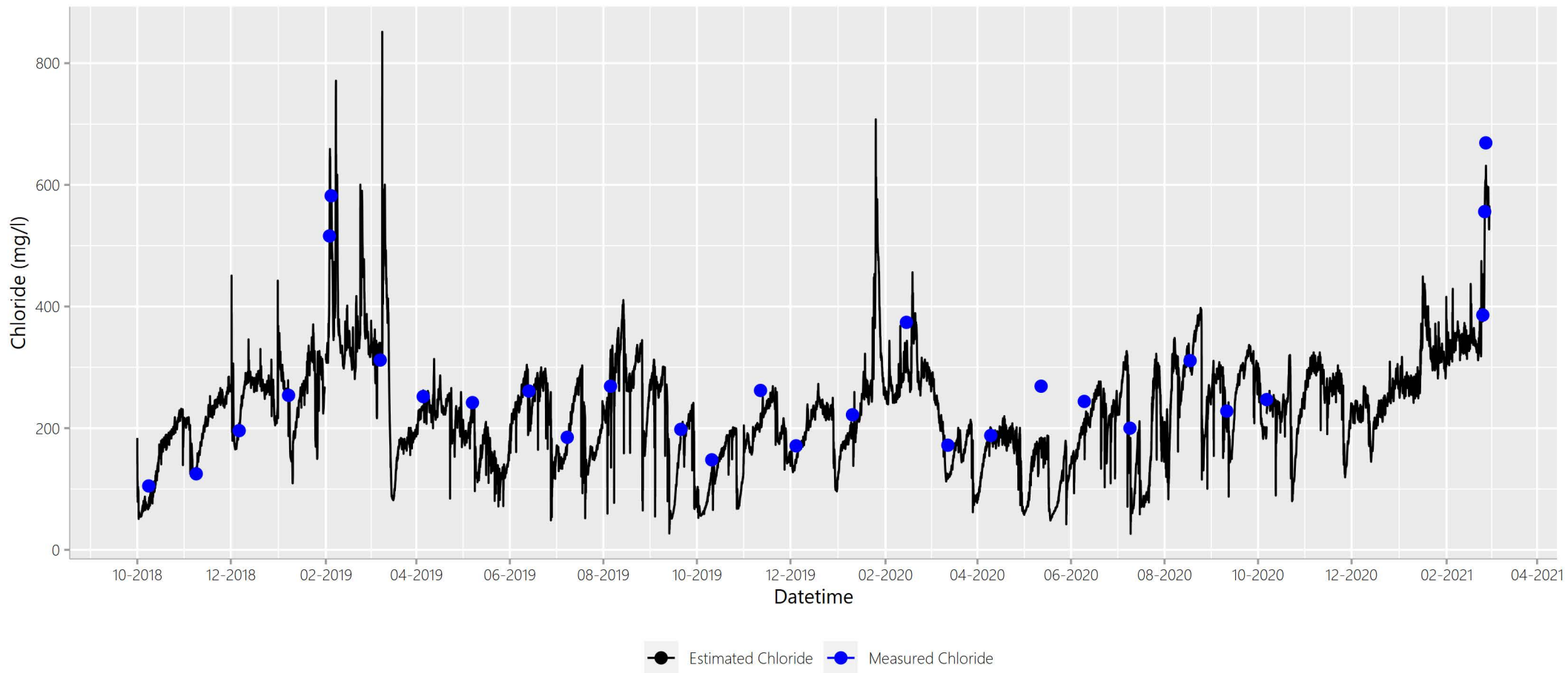
## **Appendix A**

# **CHLORIDE STUDY MONITORING SITES TIME SERIES**



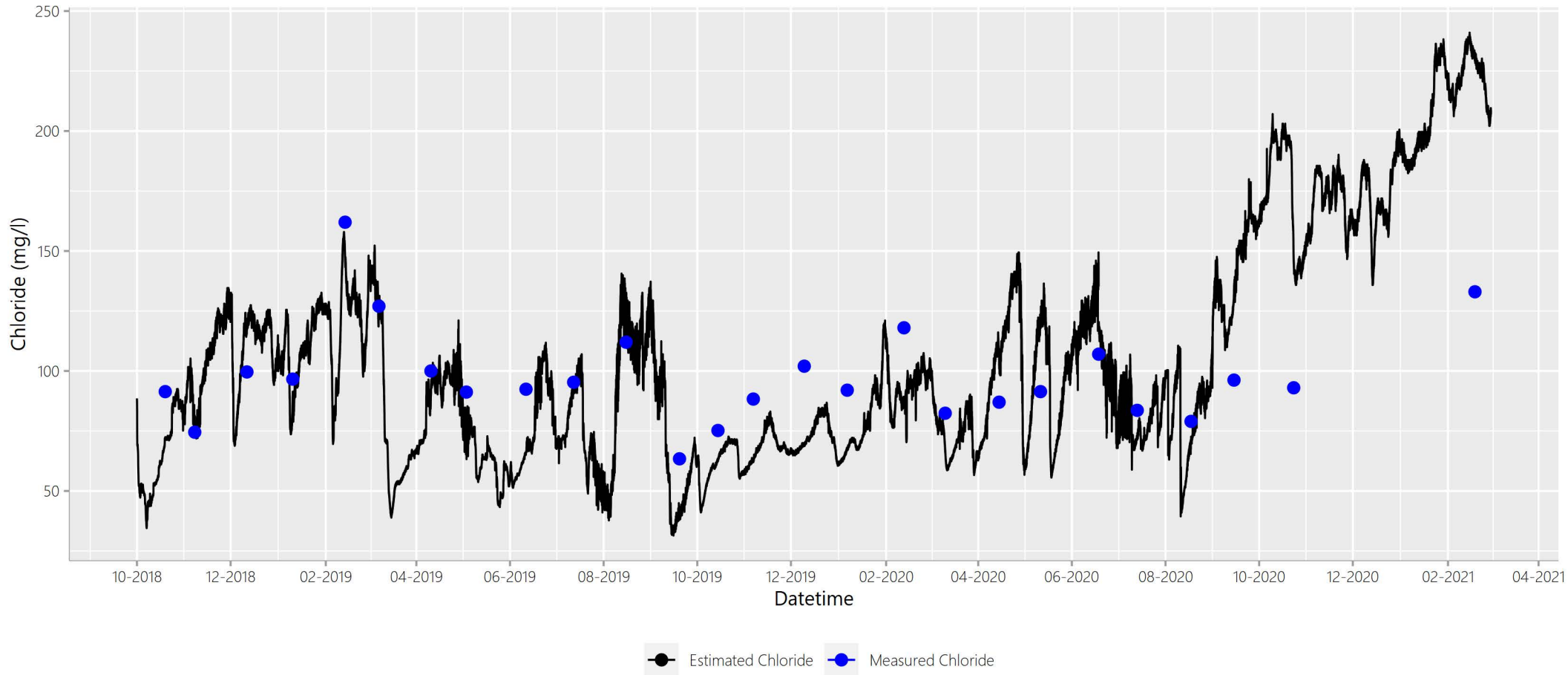
**Figure A.Site01ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 01 Fox River at Waukesha: 2018-10 to 2021-02**



**Figure A.Site02ClEstClTimeSeries**

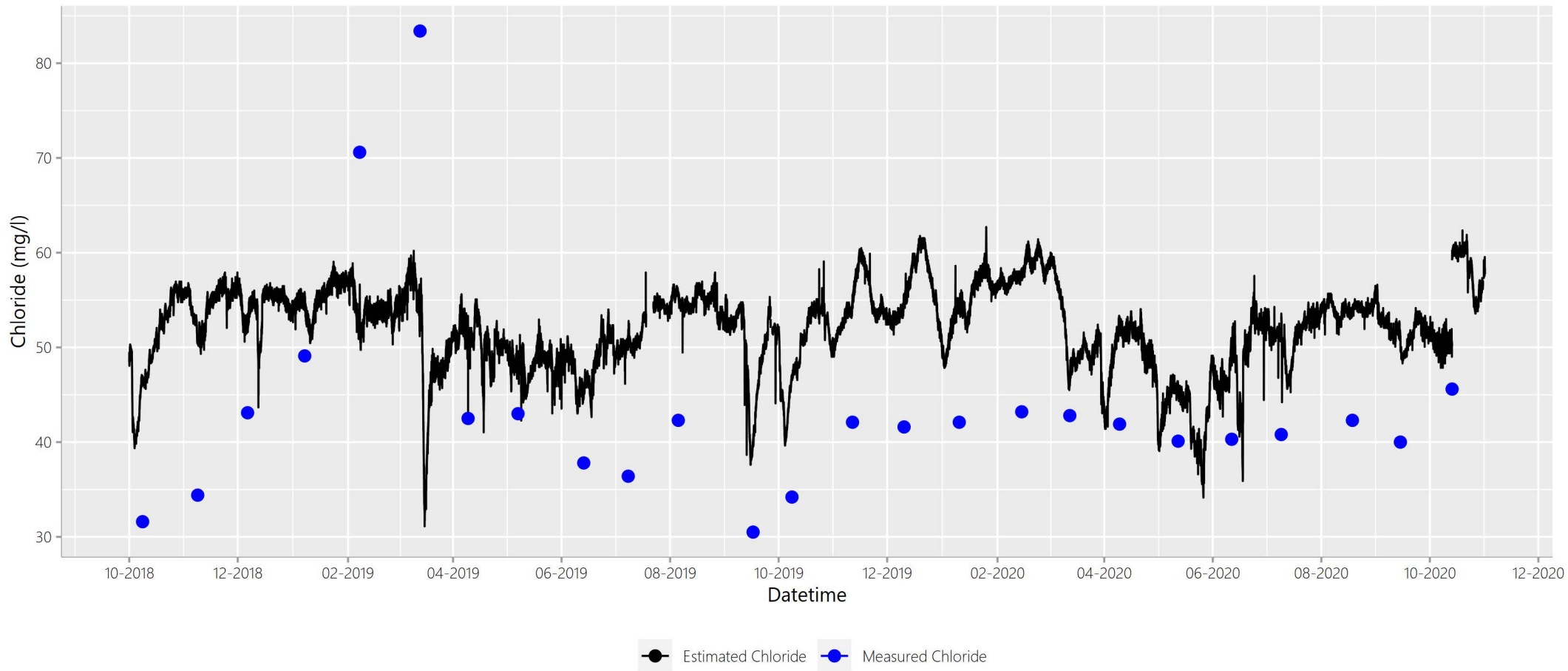
**Time Series of Estimated and Measured Chloride Concentrations at Site 02 Fox River at New Munster: 2018-10 to 2021-02**





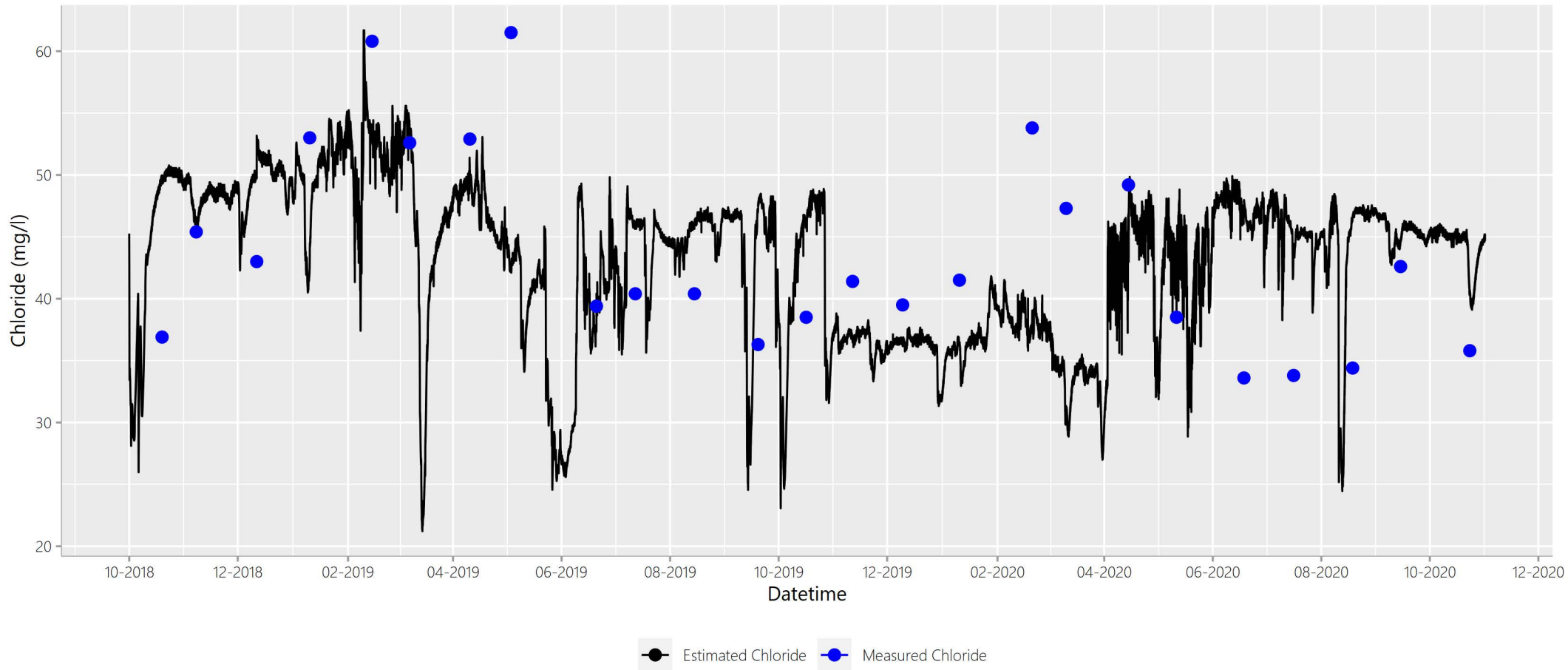
**Figure A.Site03ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 03 Mukwonago River at Mukwonago: 2018-10 to 2020-10**



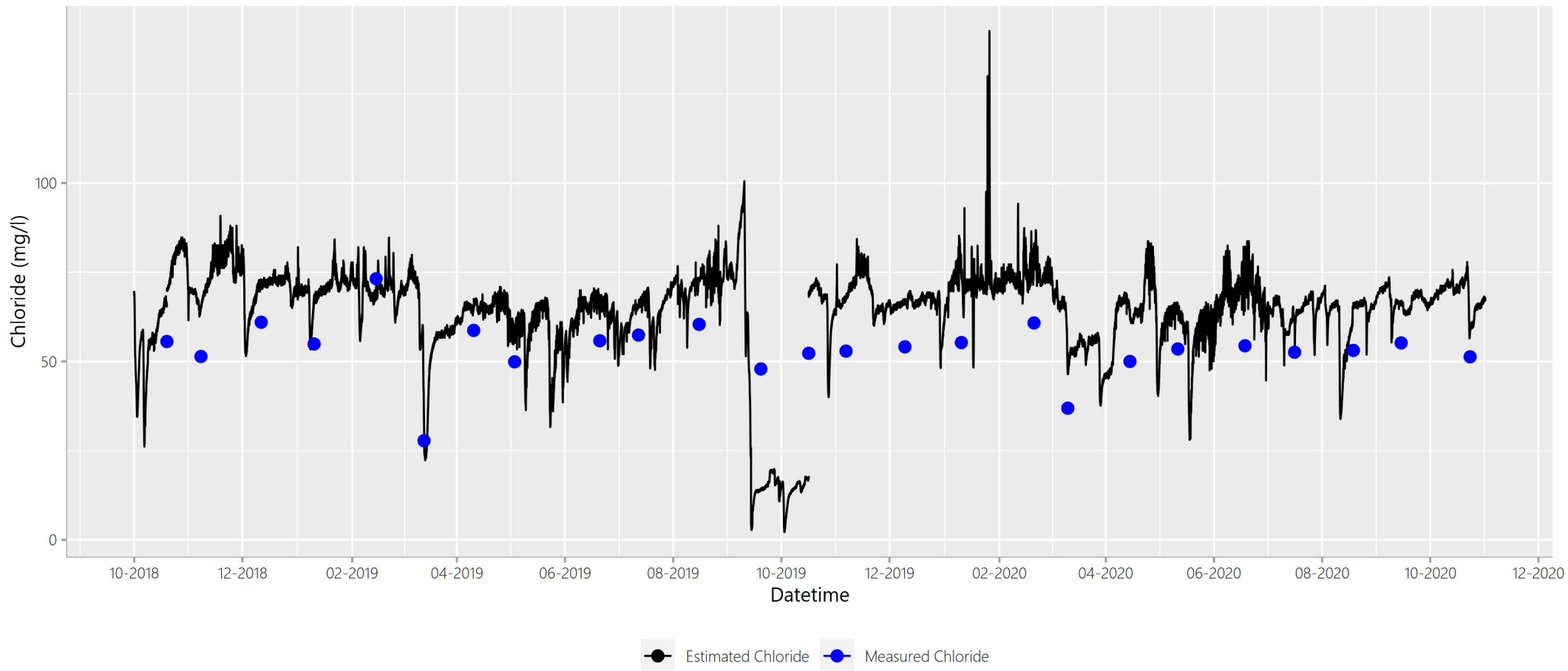
**Figure A.Site04ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 04 Sugar Creek: 2018-10 to 2020-10**



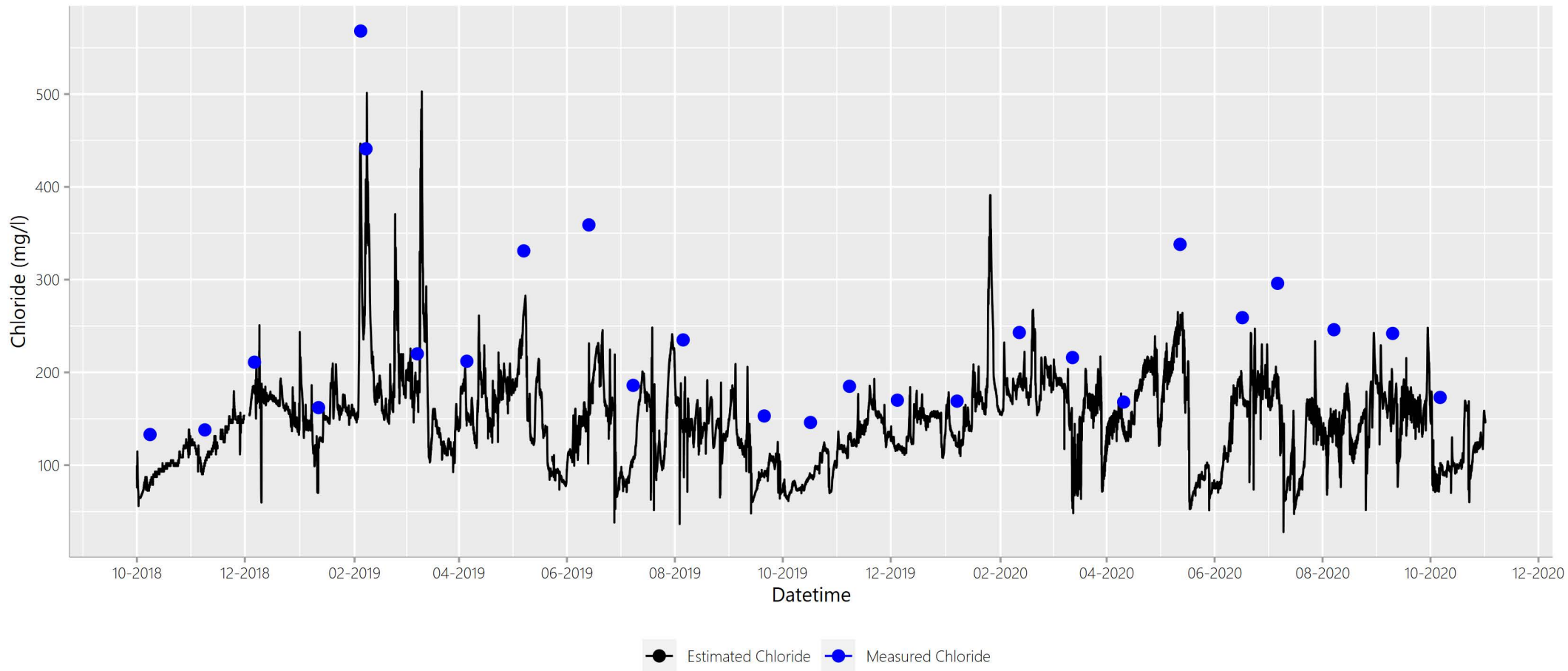
**Figure A.Site06ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 06 White River near Burlington: 2018-10 to 2020-10**



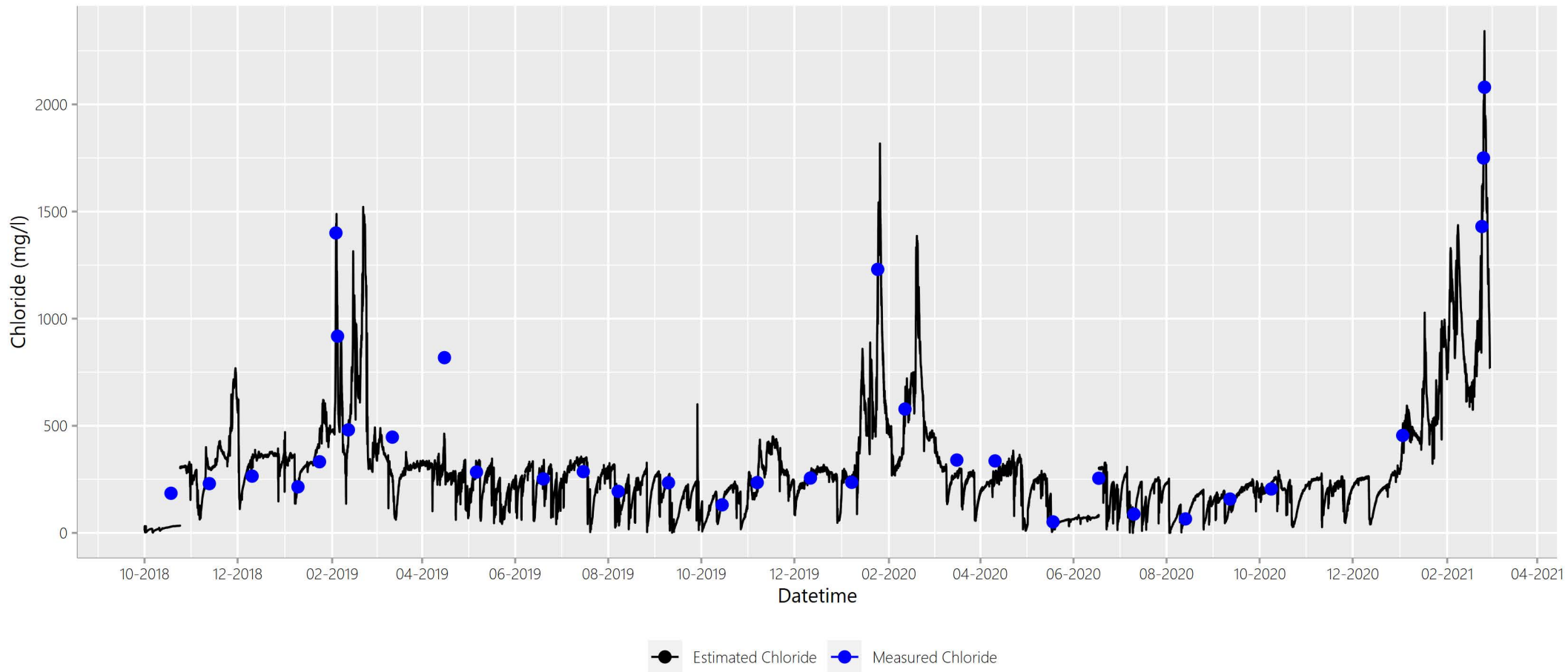
**Figure A.Site08ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 08 Pewaukee River: 2018-10 to 2020-10**



**Figure A.Site09ClEstCITimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 09 Oak Creek: 2018-10 to 2021-02**



**Figure A.Site10ClEstCITimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 10 Pike River: 2018-10 to 2021-02**

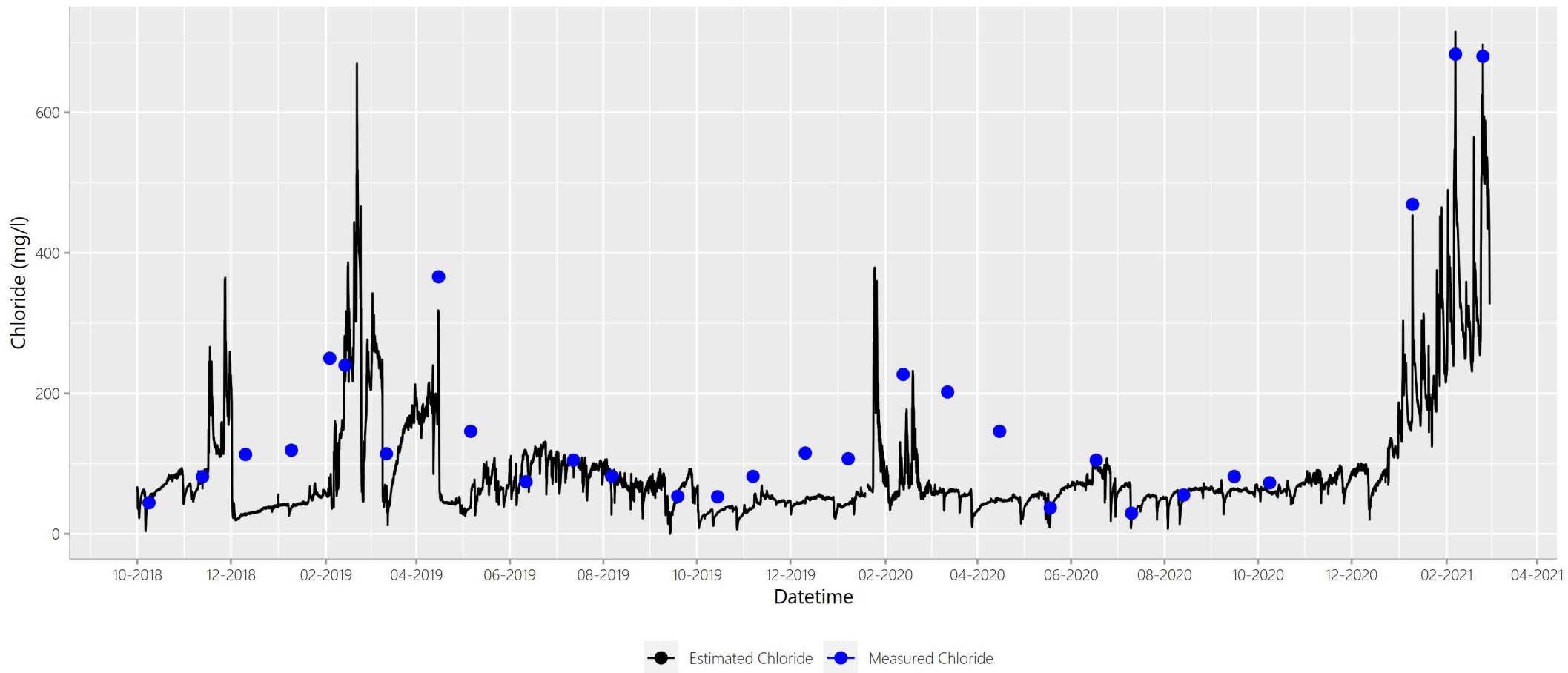
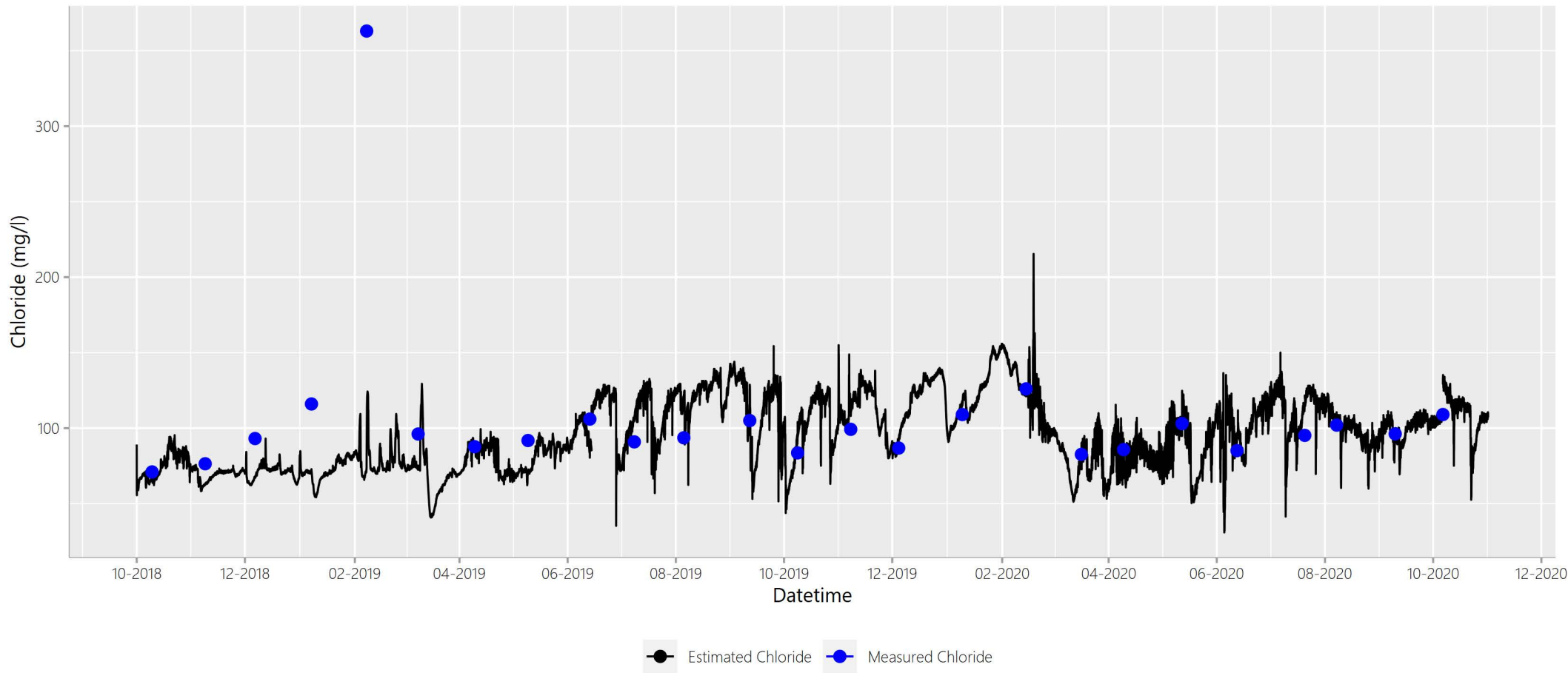
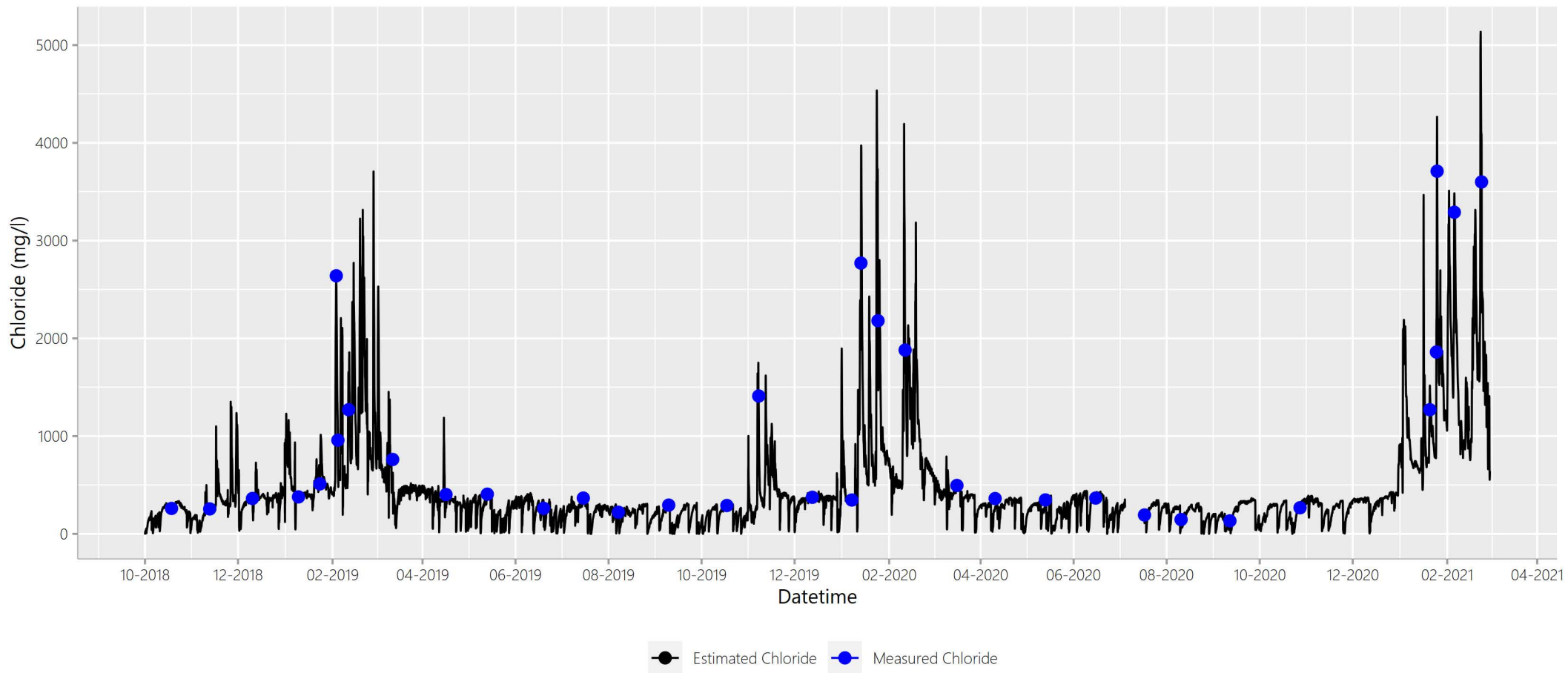


Figure A.Site11ClEstCITimeSeries  
Time Series of Estimated and Measured Chloride Concentrations at Site 11 Bark River Upstream: 2018-10 to 2020-10



**Figure A.Site12ClEstCITimeSeries**

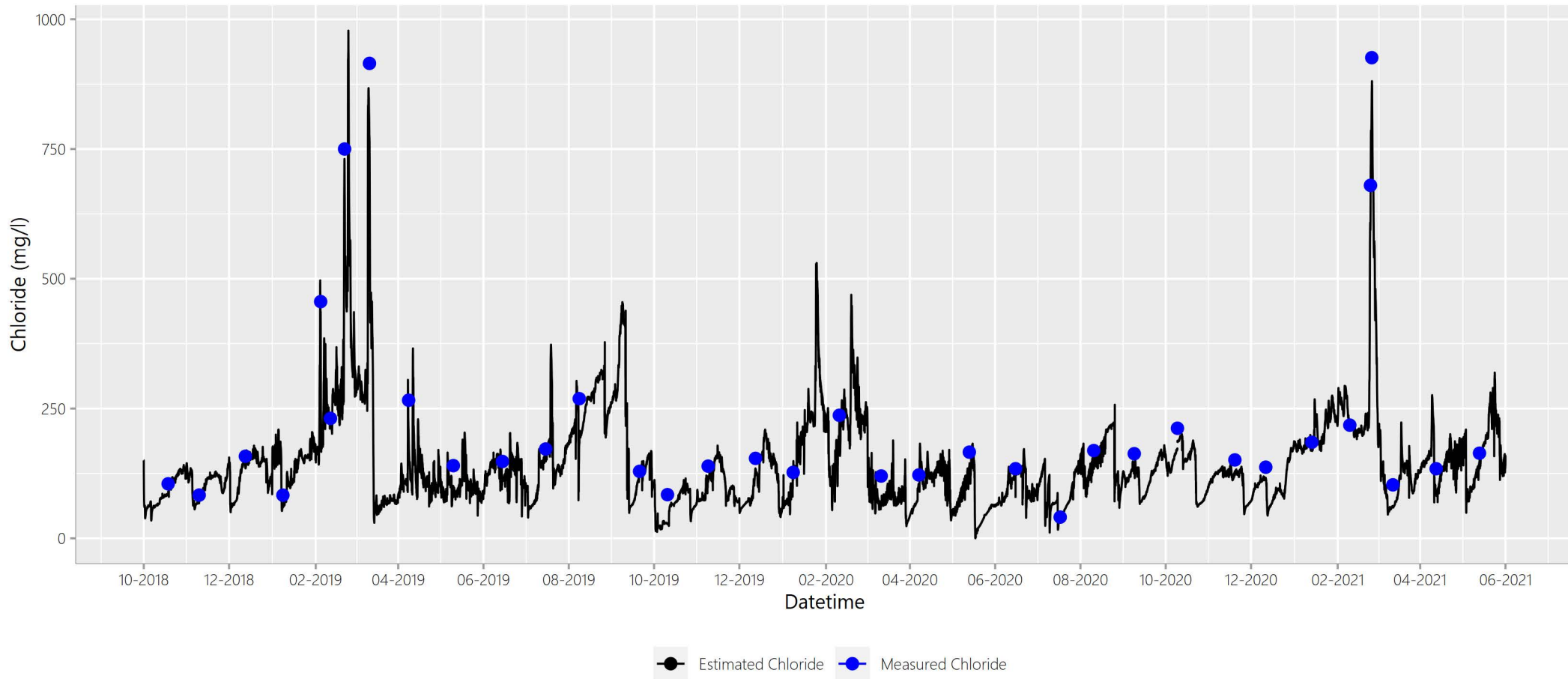
**Time Series of Estimated and Measured Chloride Concentrations at Site 12 Lincoln Creek: 2018-10 to 2021-02**





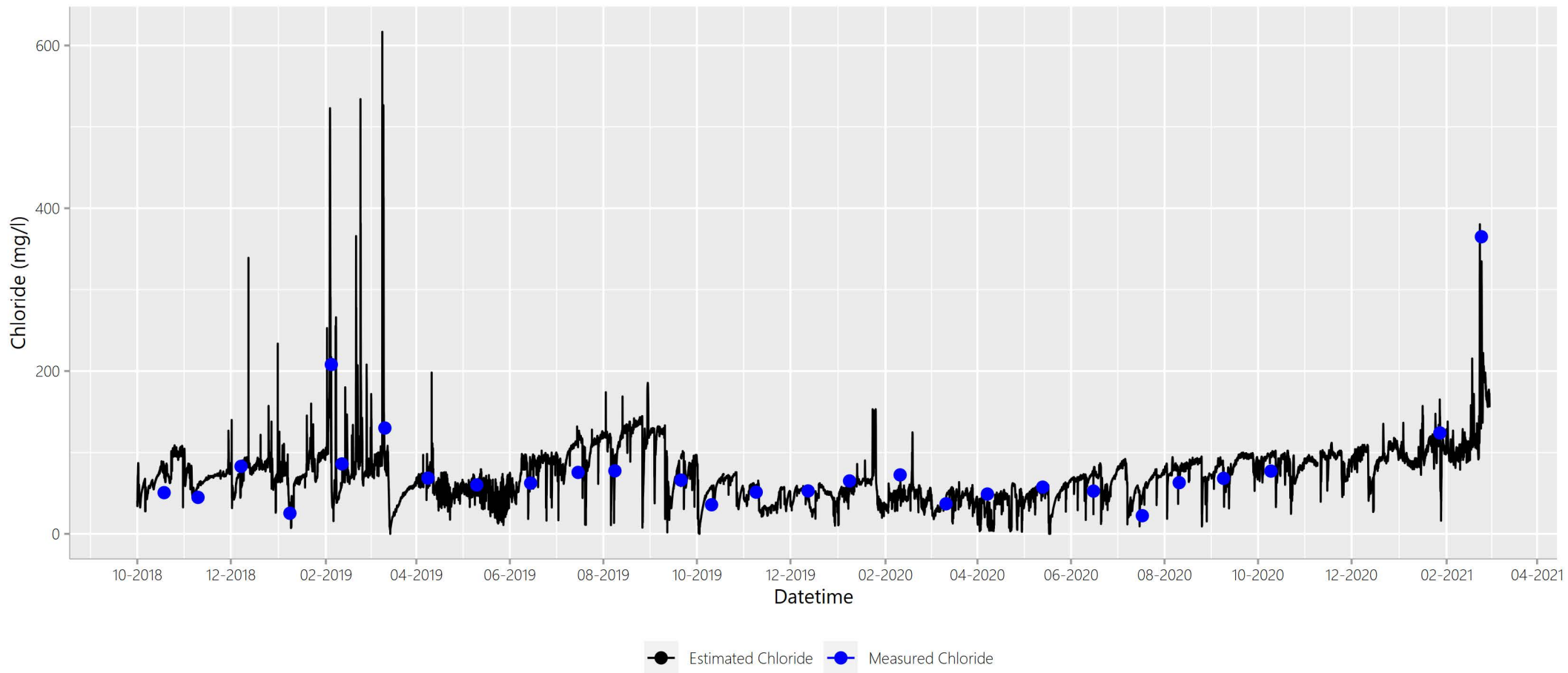
**Figure A.Site13ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 13 Ulao Creek: 2018-10 to 2021-05**



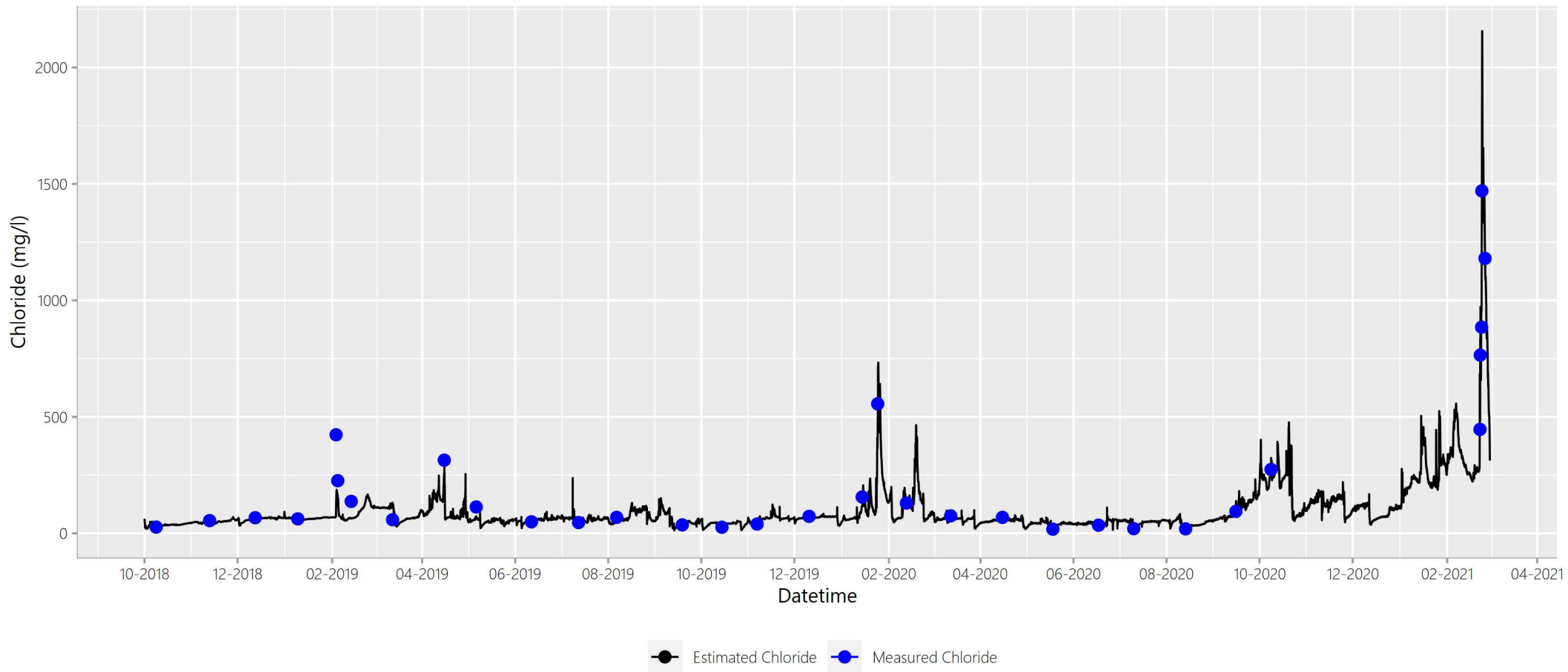
**Figure A.Site14ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 14 Sauk Creek: 2018-10 to 2021-02**



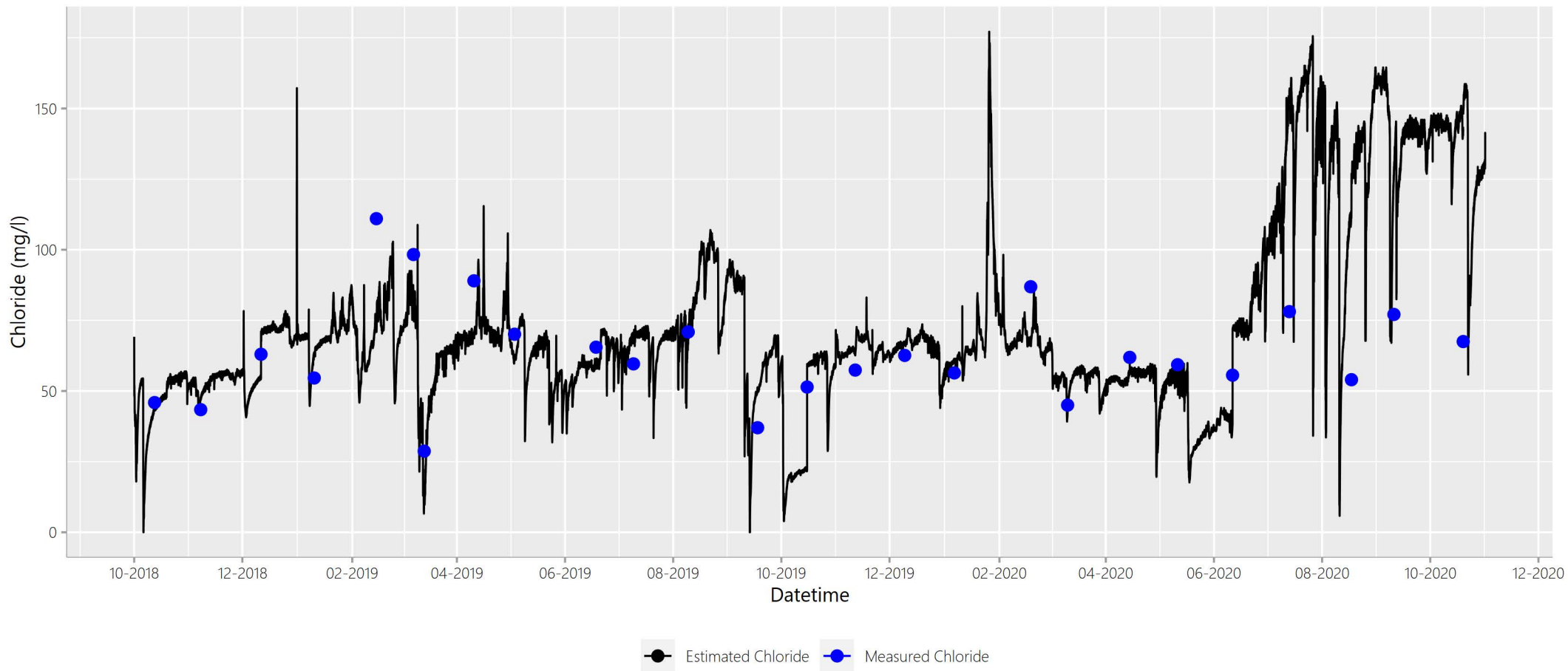
**Figure A.Site15ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 15 Kilbourn Road Ditch: 2018-10 to 2021-02**



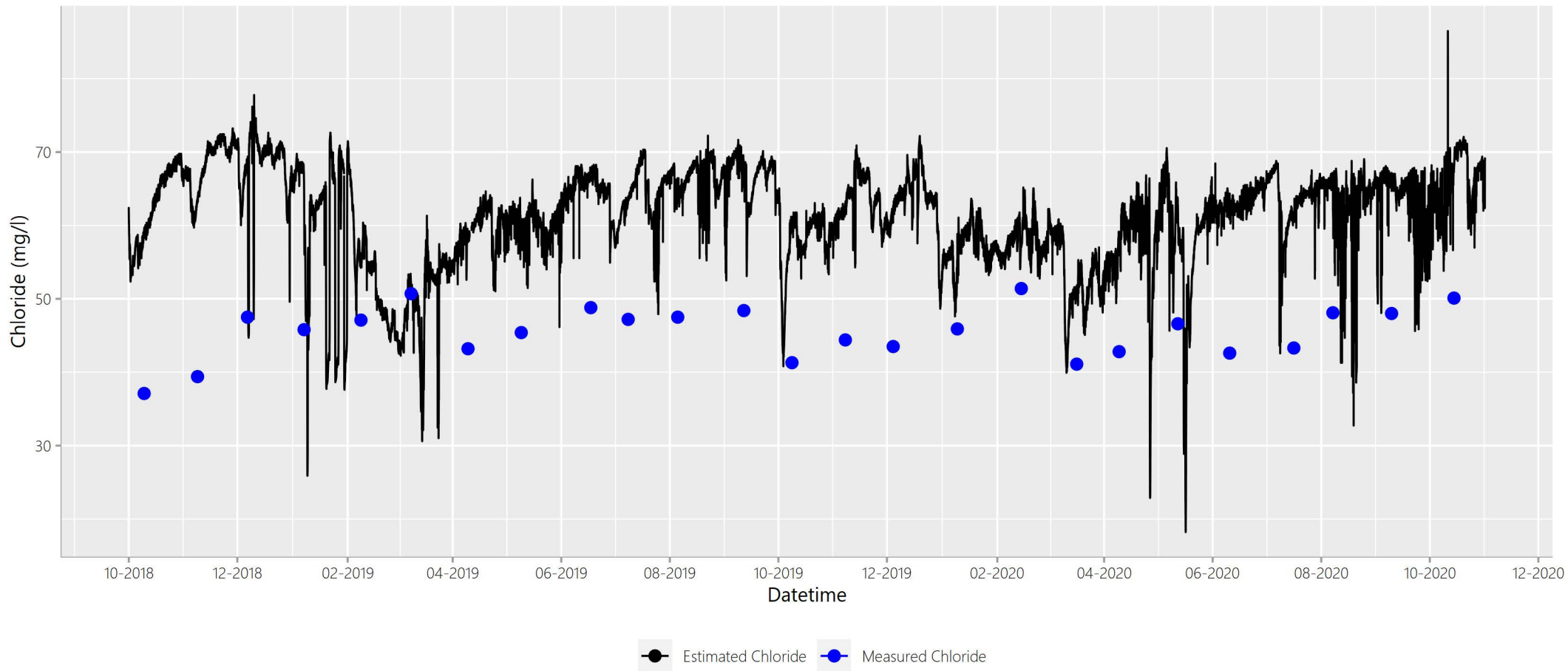
**Figure A.Site16ClEstCITimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 16 Jackson Creek: 2018-10 to 2020-10**



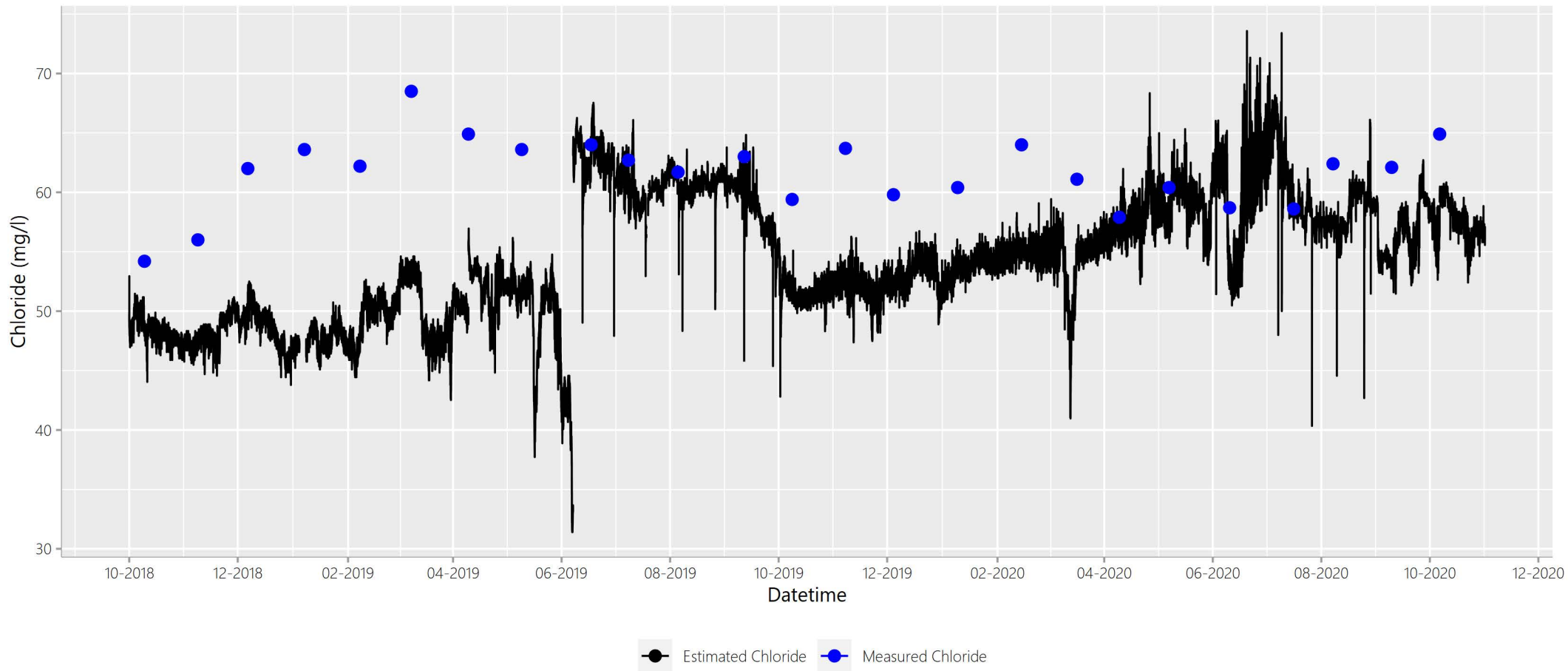
**Figure A.Site18ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 18 Oconomowoc River Upstream: 2018-10 to 2020-10**



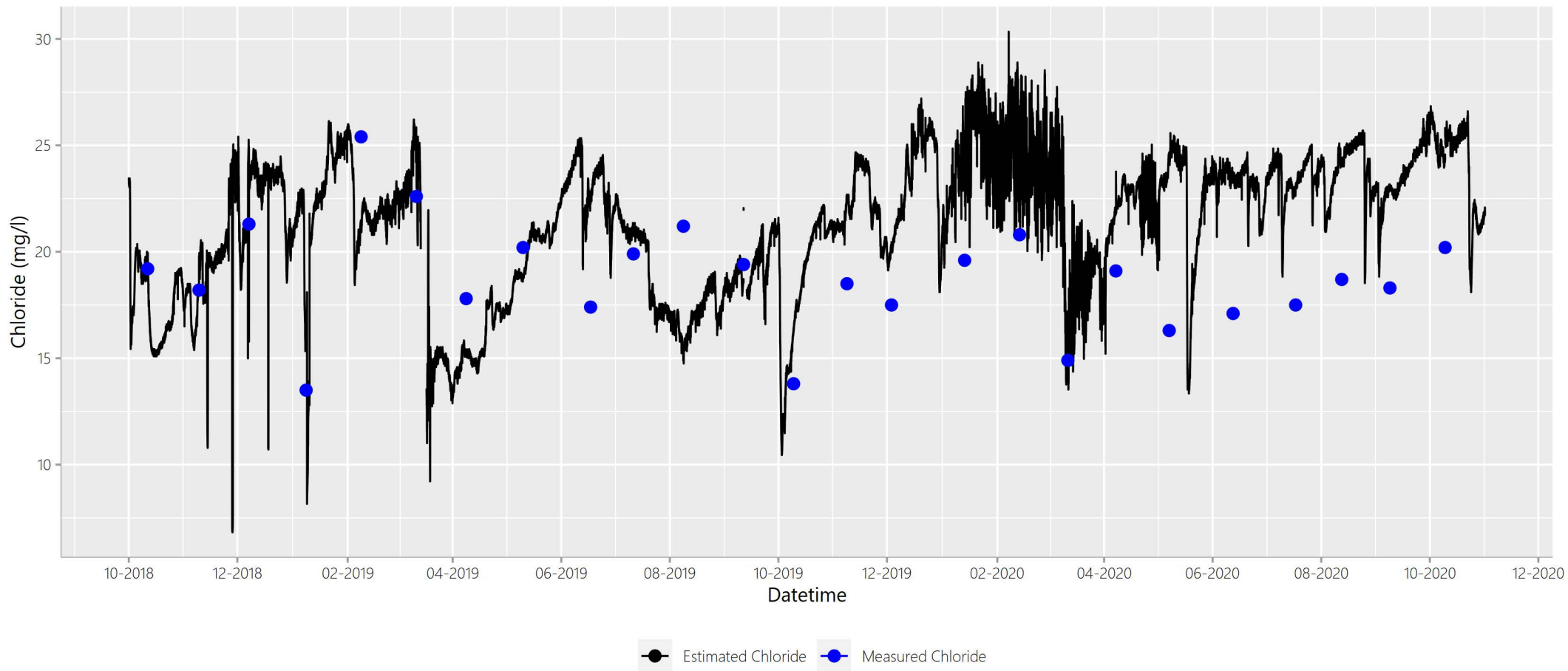
**Figure A.Site20CIEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 20 Oconomowoc River Downstream: 2018-10 to 2020-10**



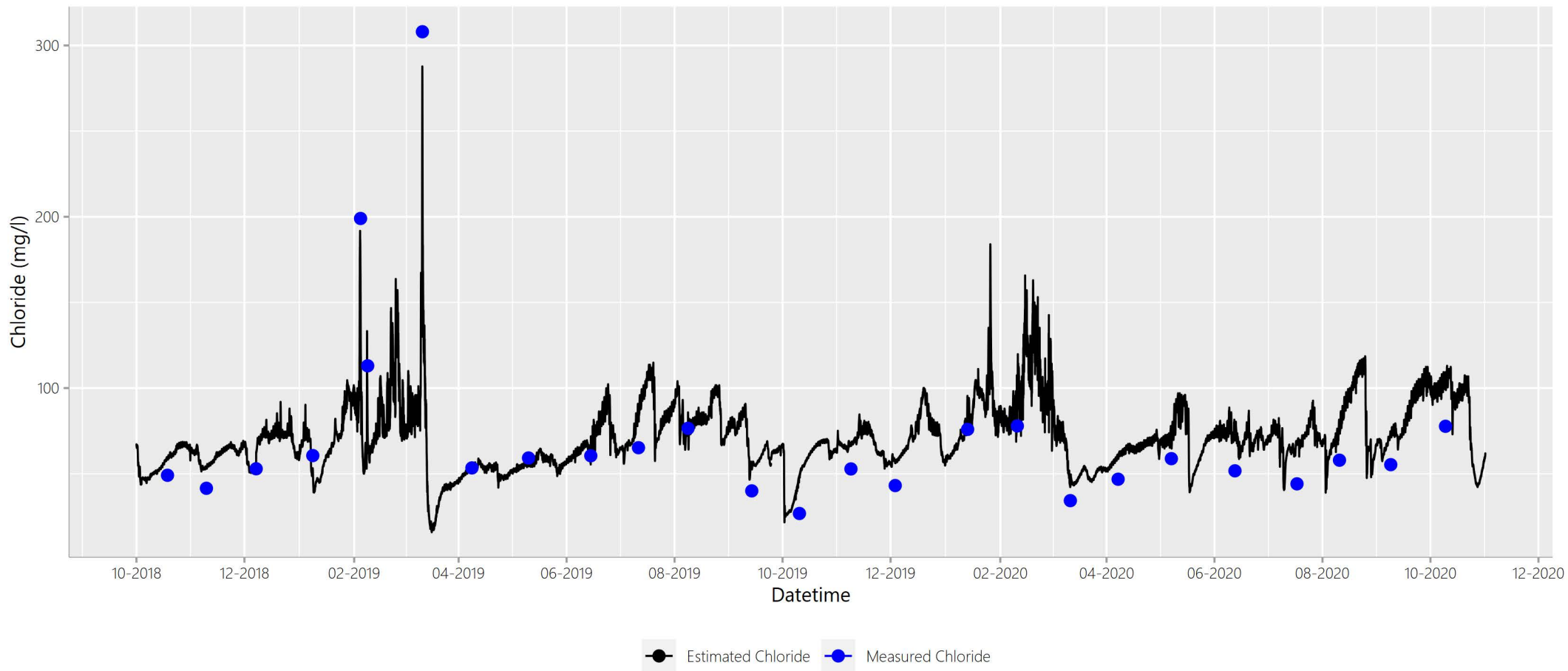
**Figure A.Site21ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 21 East Branch Milwaukee River: 2018-10 to 2020-10**



**Figure A.Site23ClEstCITimeSeries**

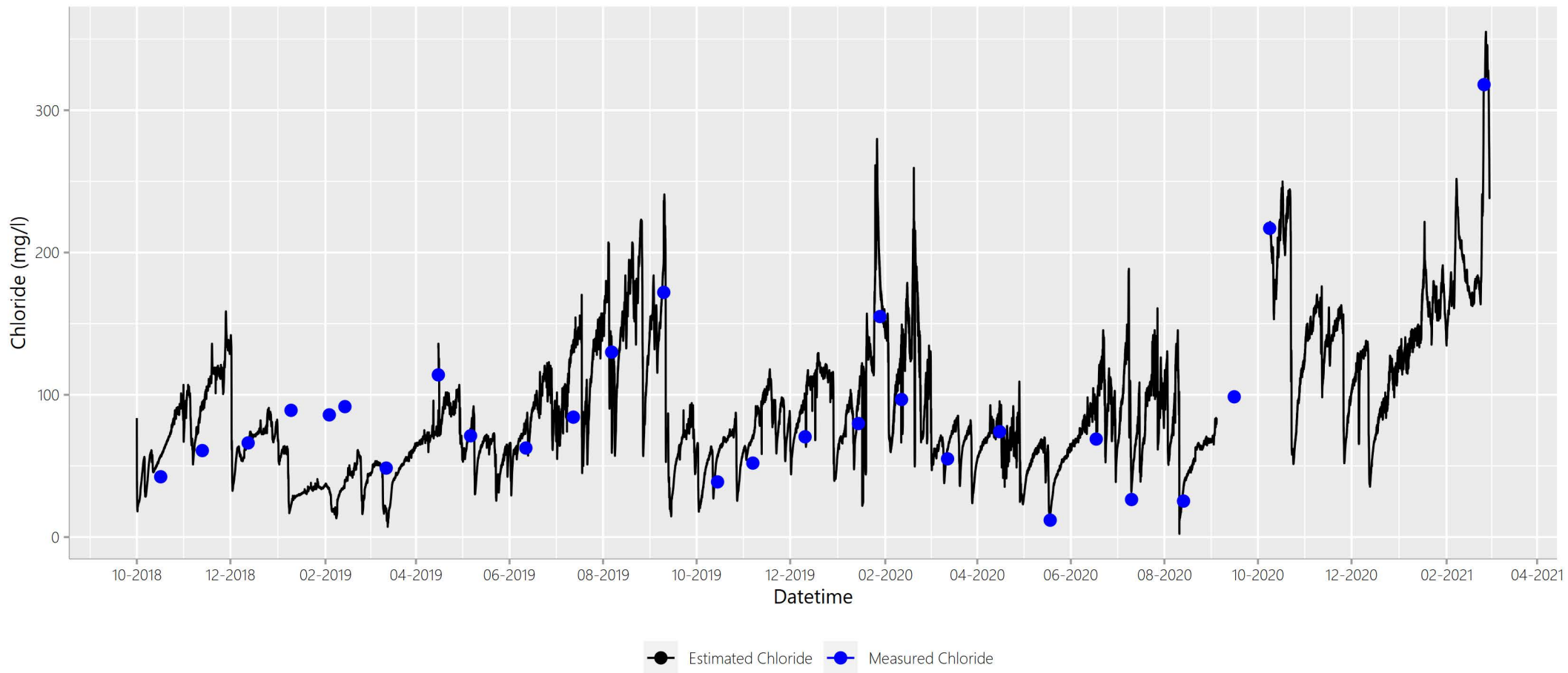
**Time Series of Estimated and Measured Chloride Concentrations at Site 23 Milwaukee River Downstream of Newburg: 2018-10 to 2020-10**





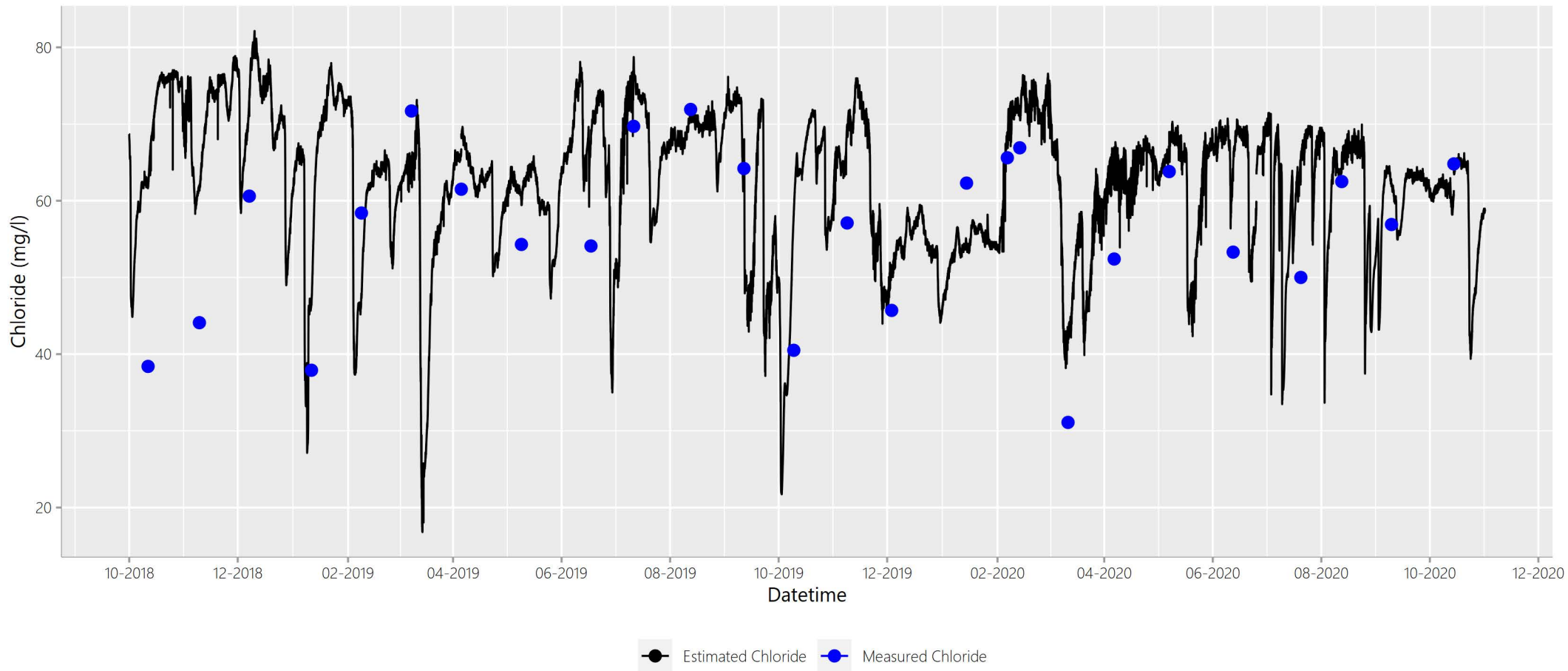
**Figure A.Site25ClEstCITimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 25 Root River Canal: 2018-10 to 2021-02**



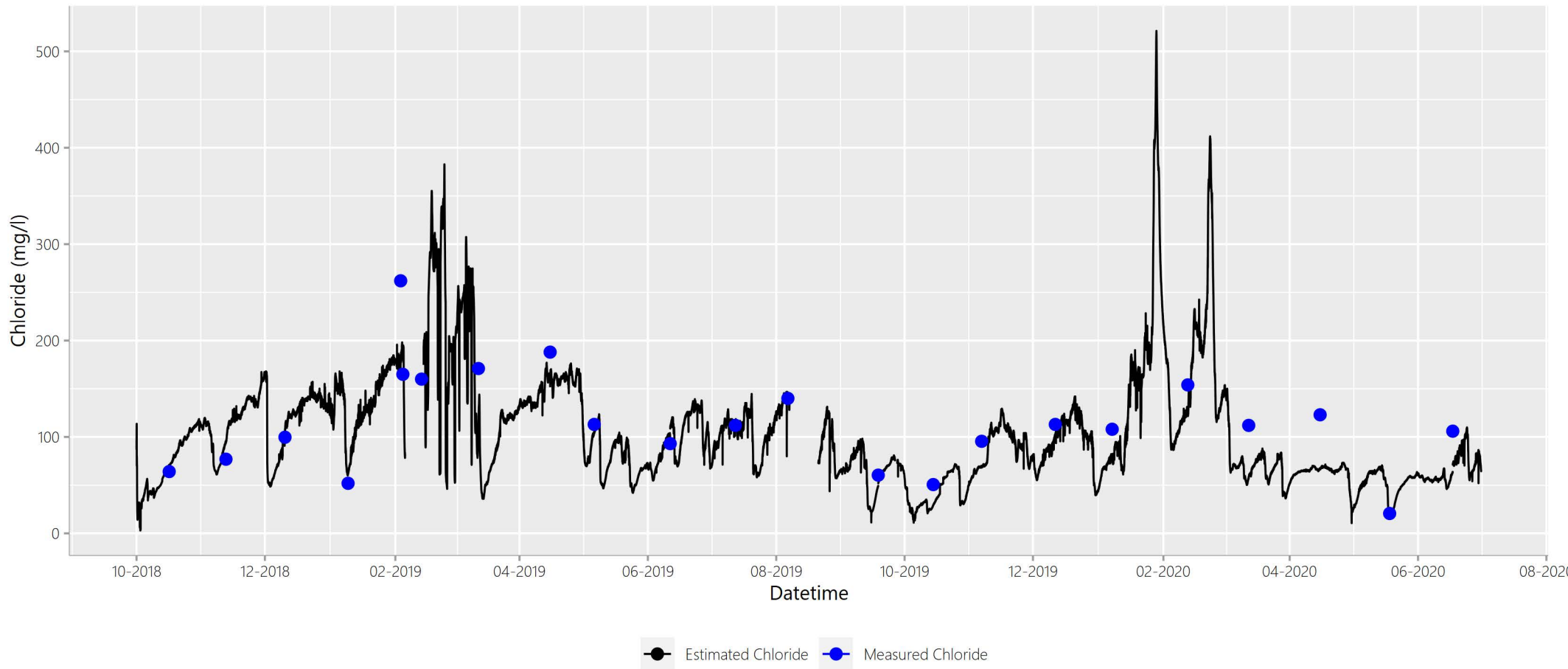
**Figure A.Site28ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 28 East Branch Rock River: 2018-10 to 2020-10**



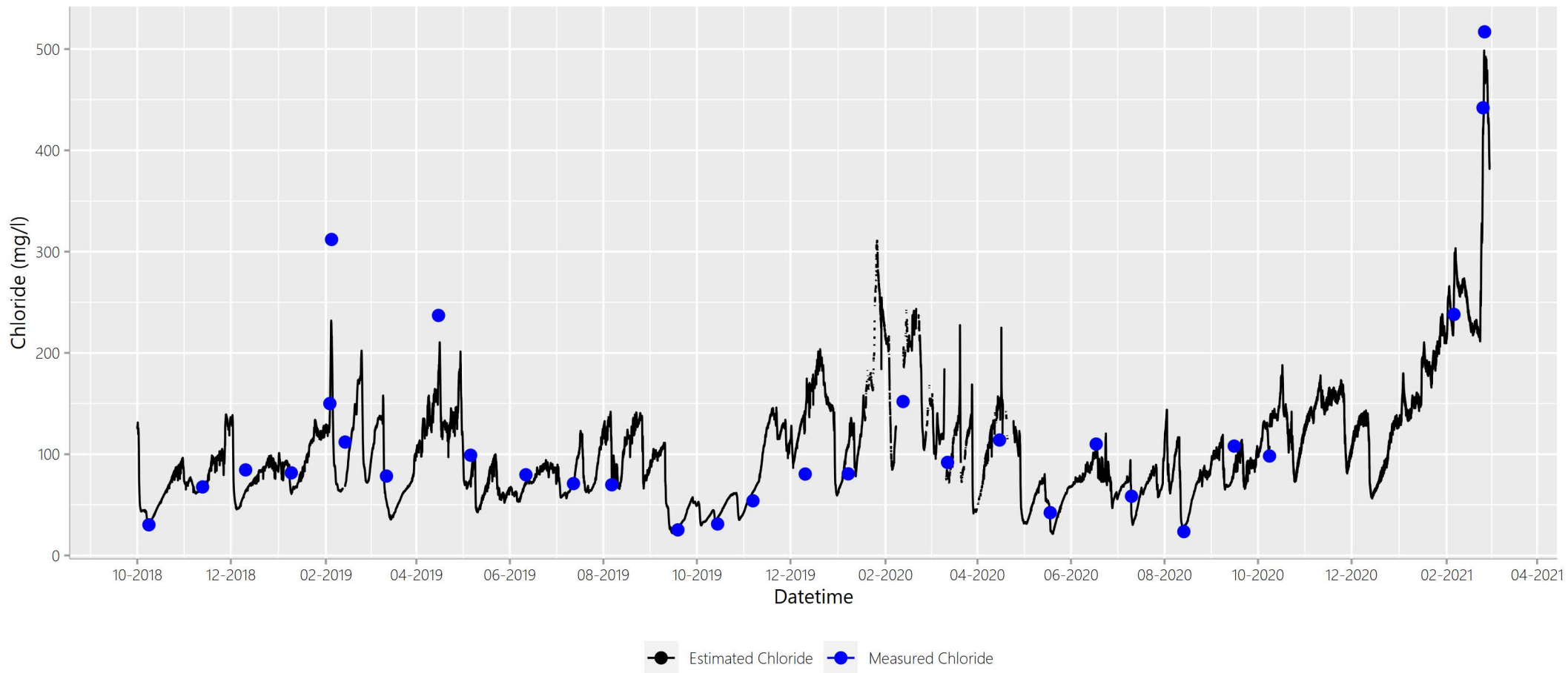
**Figure A.Site29ClEstCITimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 29 Root River near Horlick Dam: 2018-10 to 2020-06**



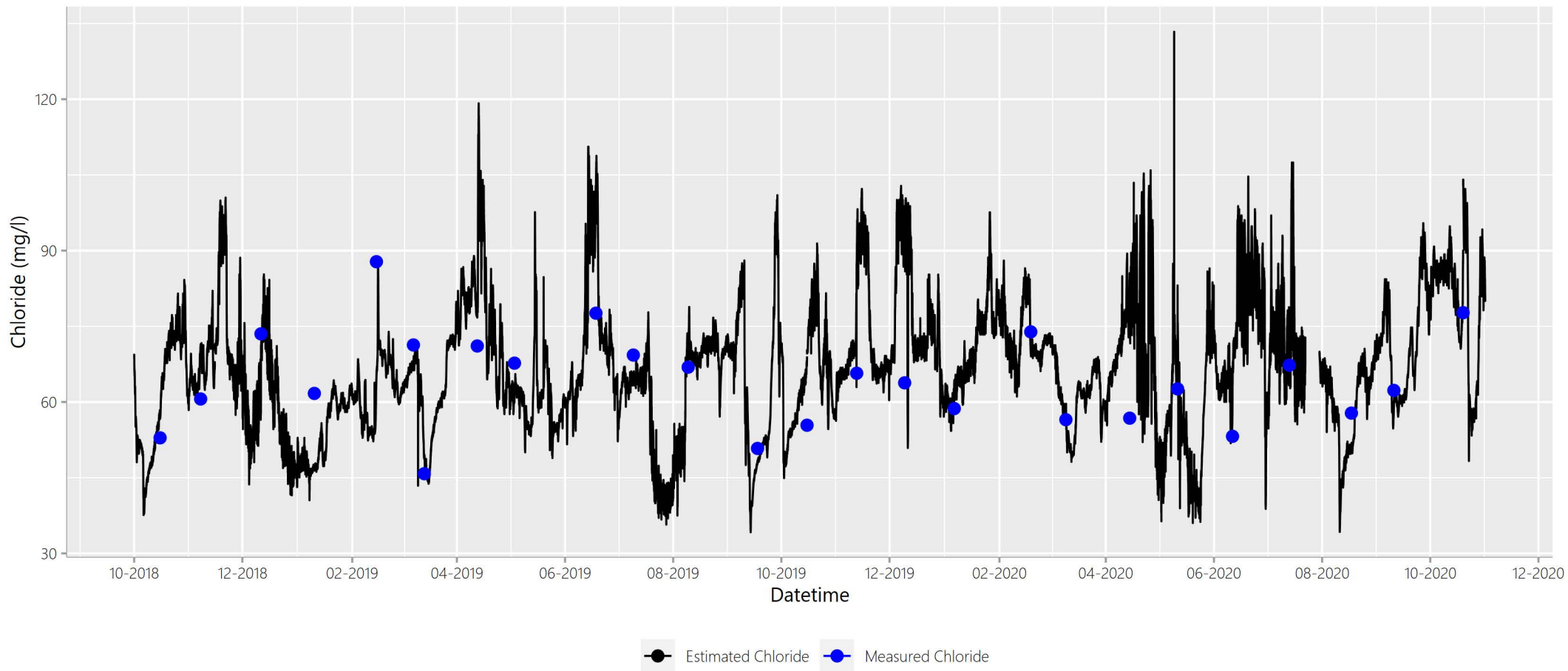
**Figure A.Site30ClEstCITimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 30 Des Plaines River: 2018-10 to 2021-02**



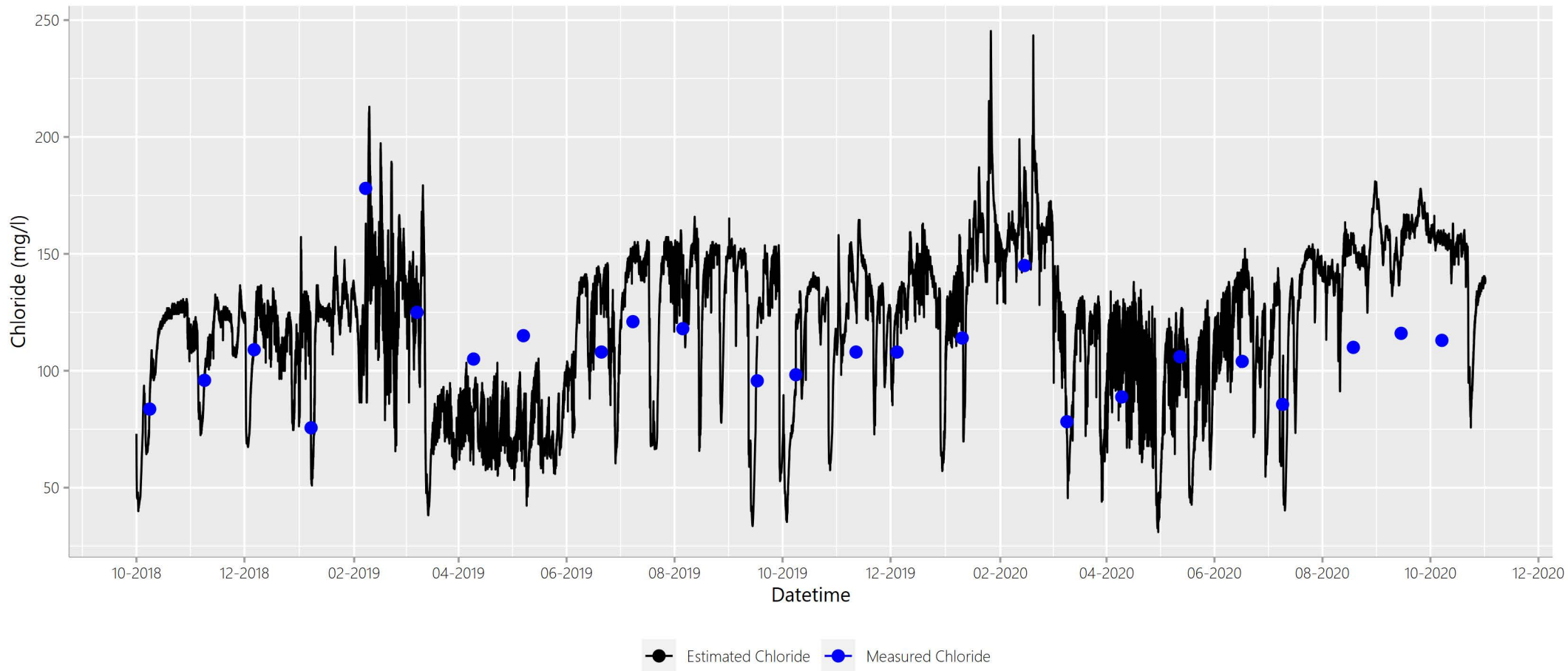
**Figure A.Site32ClEstCITimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 32 Turtle Creek: 2018-10 to 2020-10**



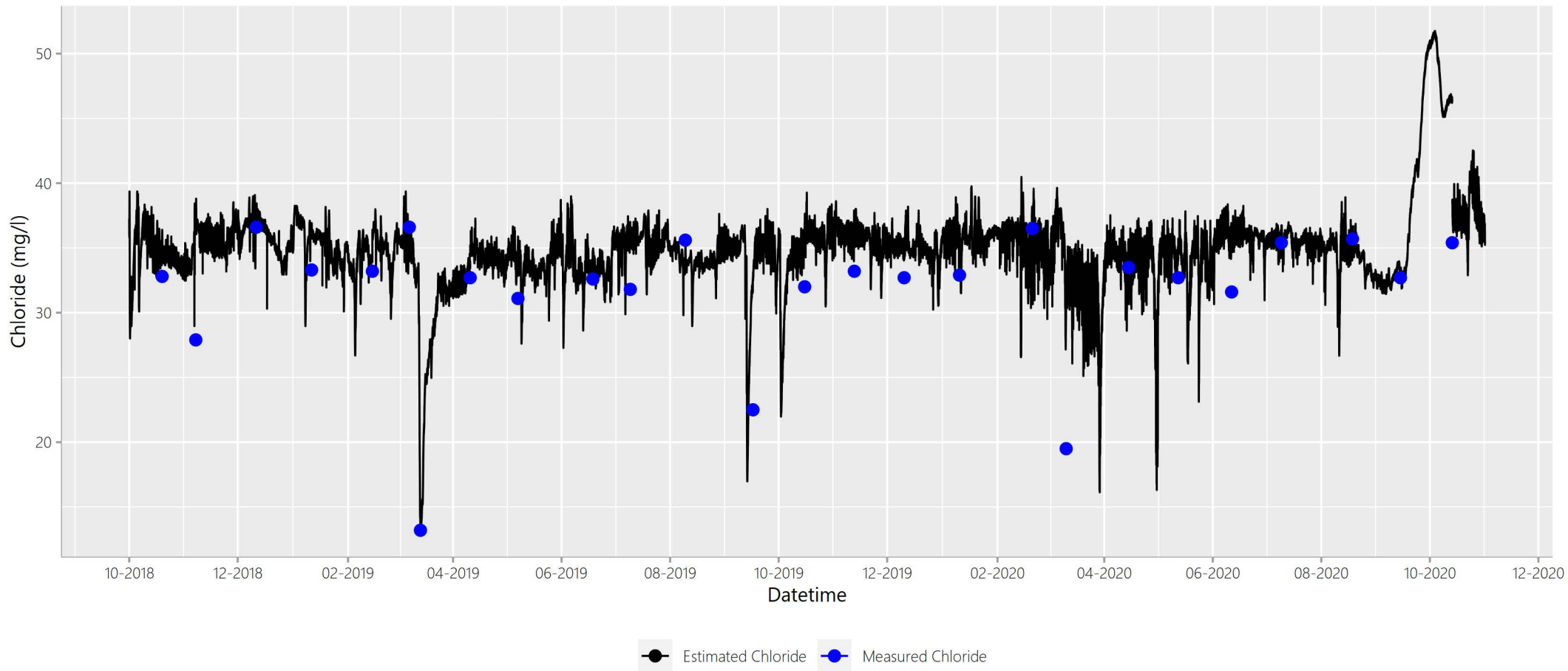
**Figure A.Site33ClEstCITimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 33 Pebble Brook: 2018-10 to 2020-10**



**Figure A.Site35ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 35 Honey Creek Upstream of East Troy: 2018-10 to 2020-10**



**Figure A.Site36ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 36 Honey Creek Downstream of East Troy: 2018-10 to 2020-10**

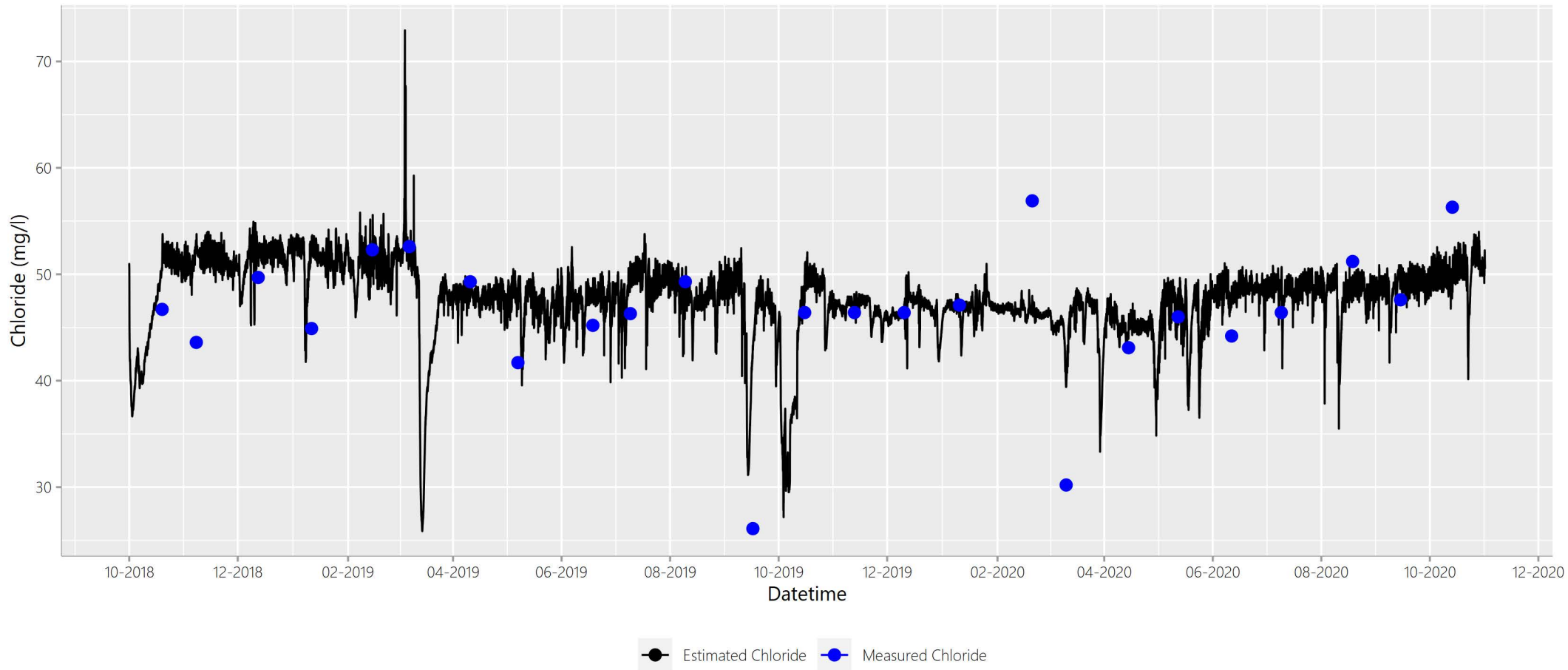




Figure A.Site38ClEstClTimeSeries

Time Series of Estimated and Measured Chloride Concentrations at Site 38 North Branch Milwaukee River: 2018-10 to 2020-10

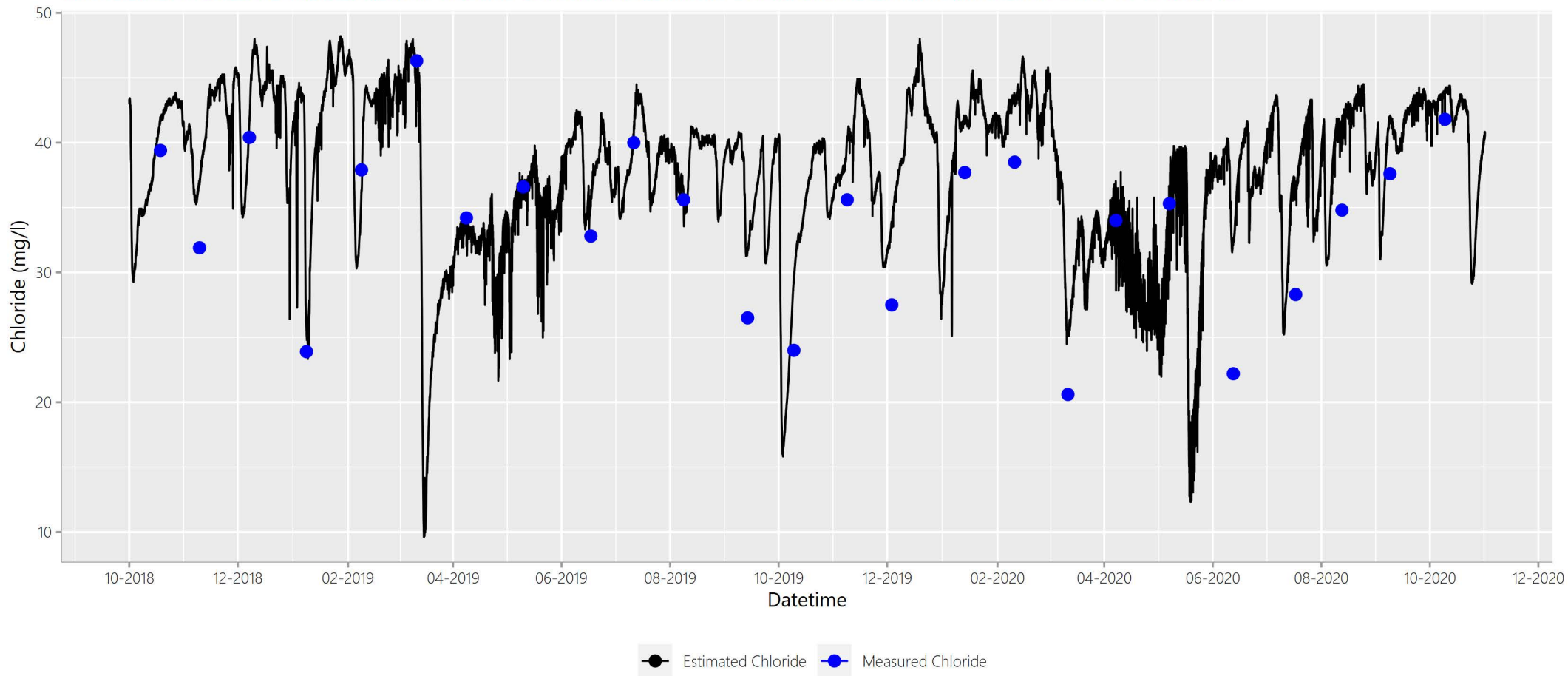


Figure A.Site40ClEstClTimeSeries

Time Series of Estimated and Measured Chloride Concentrations at Site 40 Stony Creek: 2018-10 to 2020-10

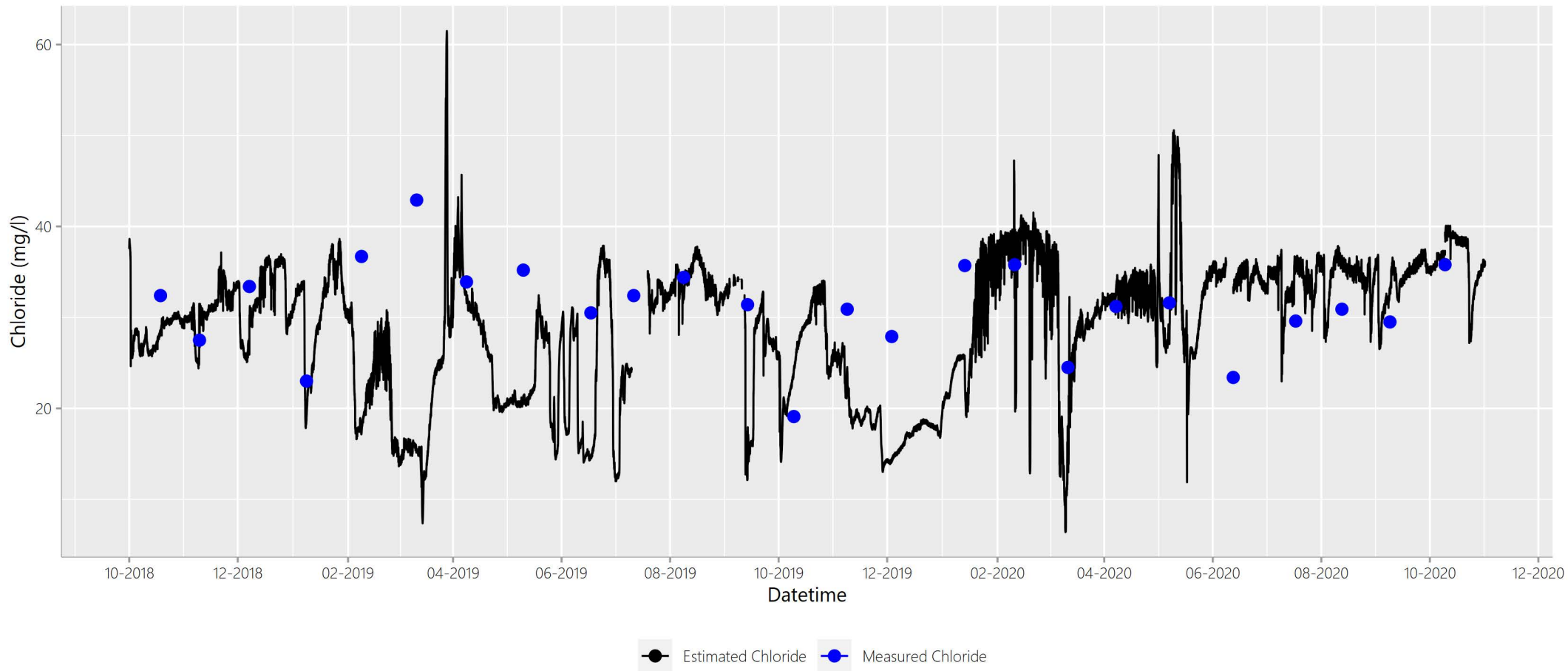
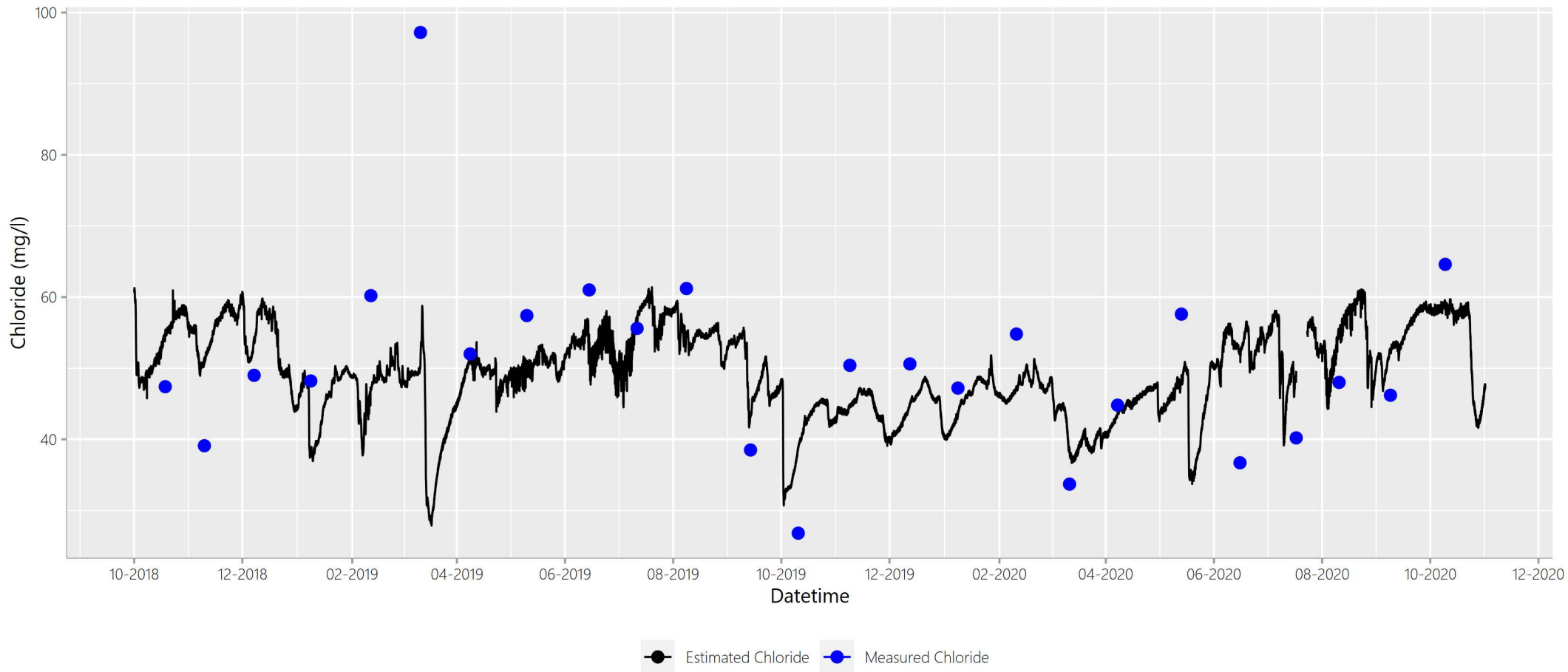


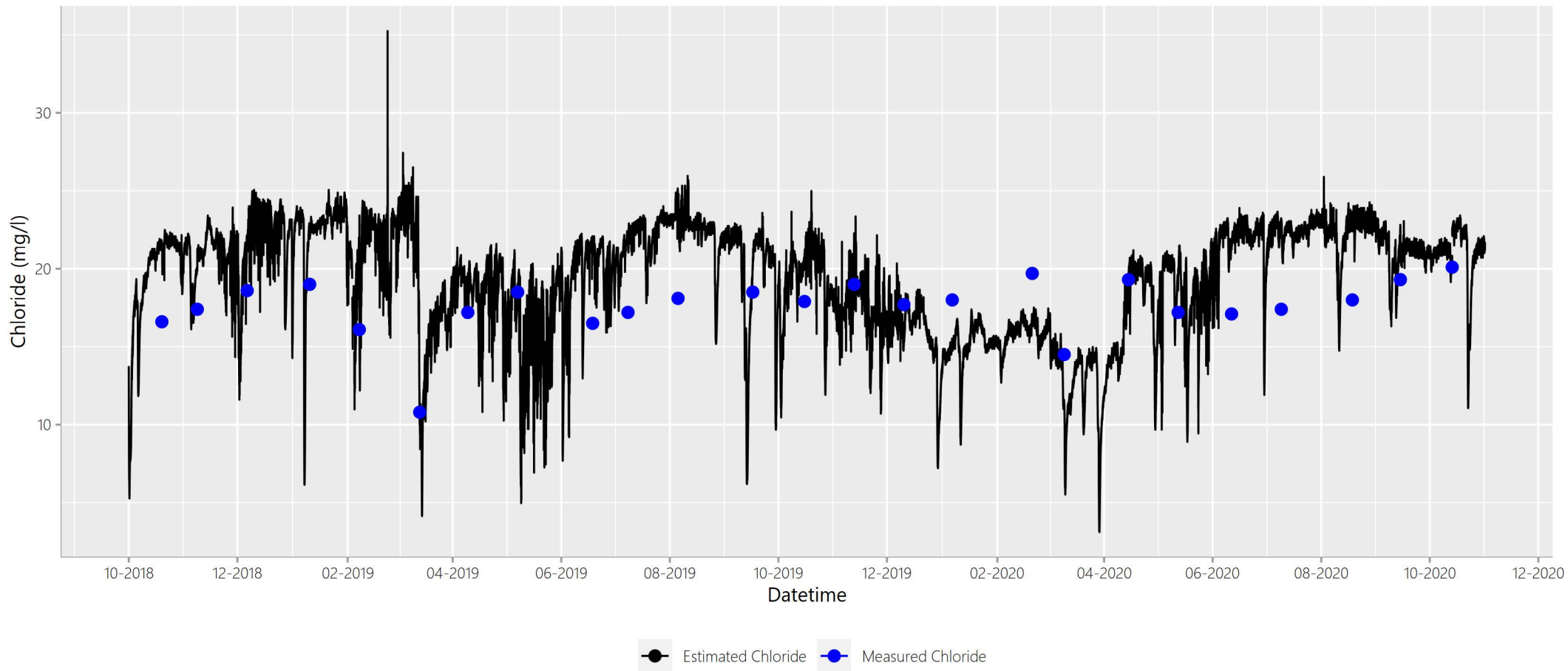
Figure A.Site41ClEstCITimeSeries

Time Series of Estimated and Measured Chloride Concentrations at Site 41 Milwaukee River near Saukville: 2018-10 to 2020-10



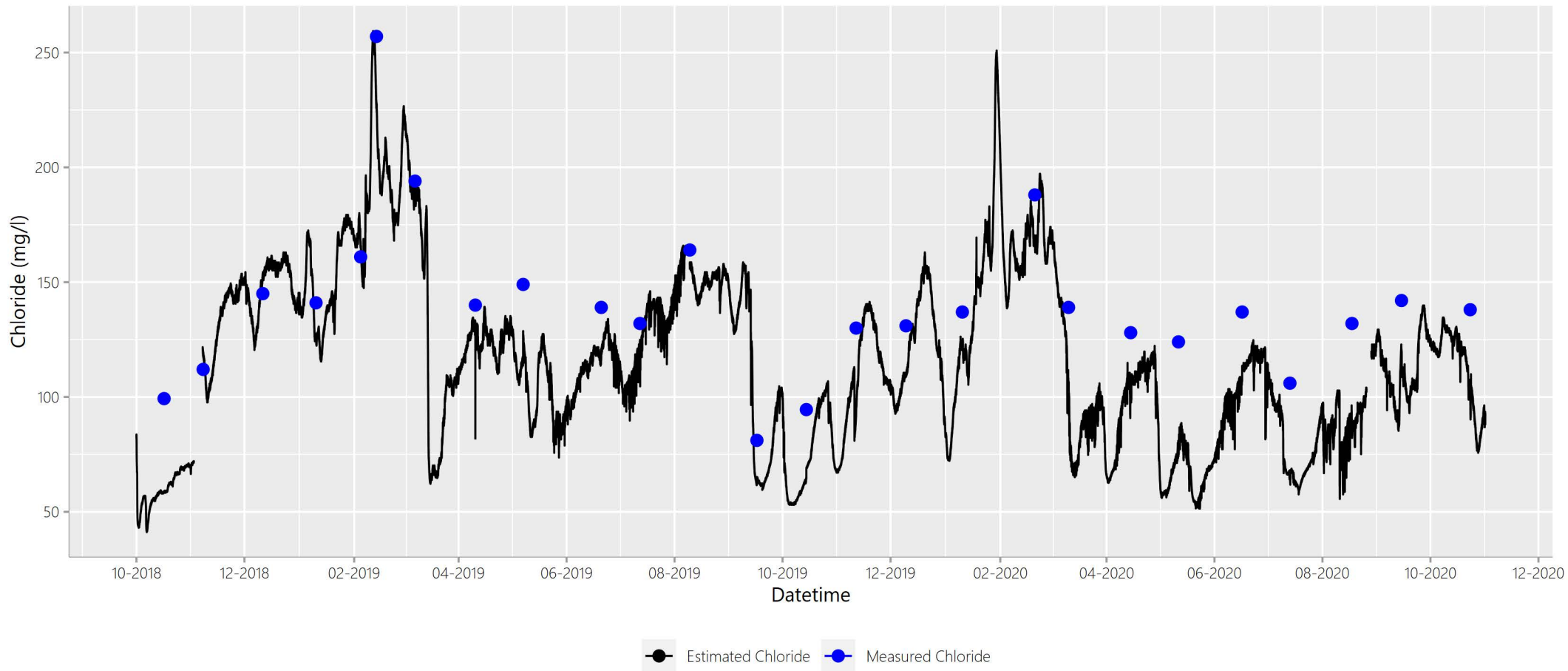
**Figure A.Site45ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 45 Mukwonago River at Nature Road: 2018-10 to 2020-10**



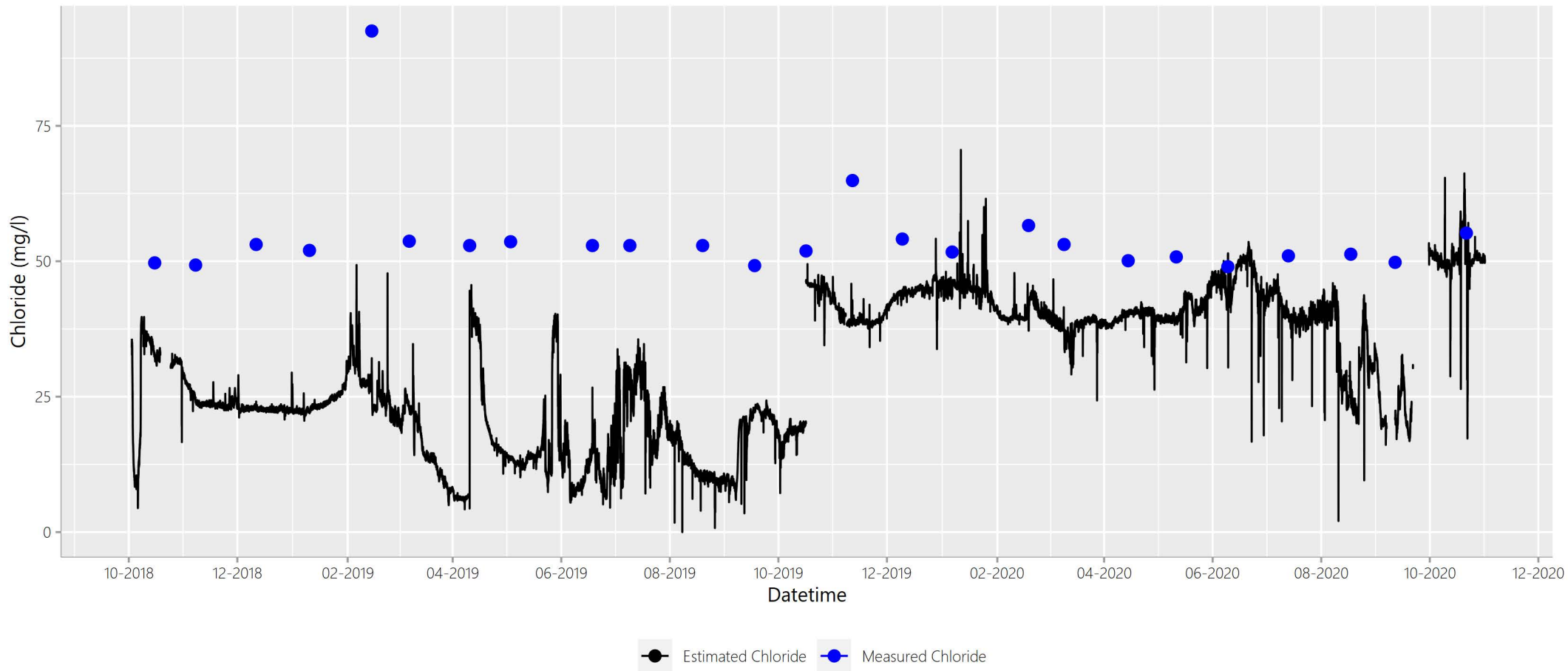
**Figure A.Site47ClEstCITimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 47 Fox River at Rochester: 2018-10 to 2020-10**



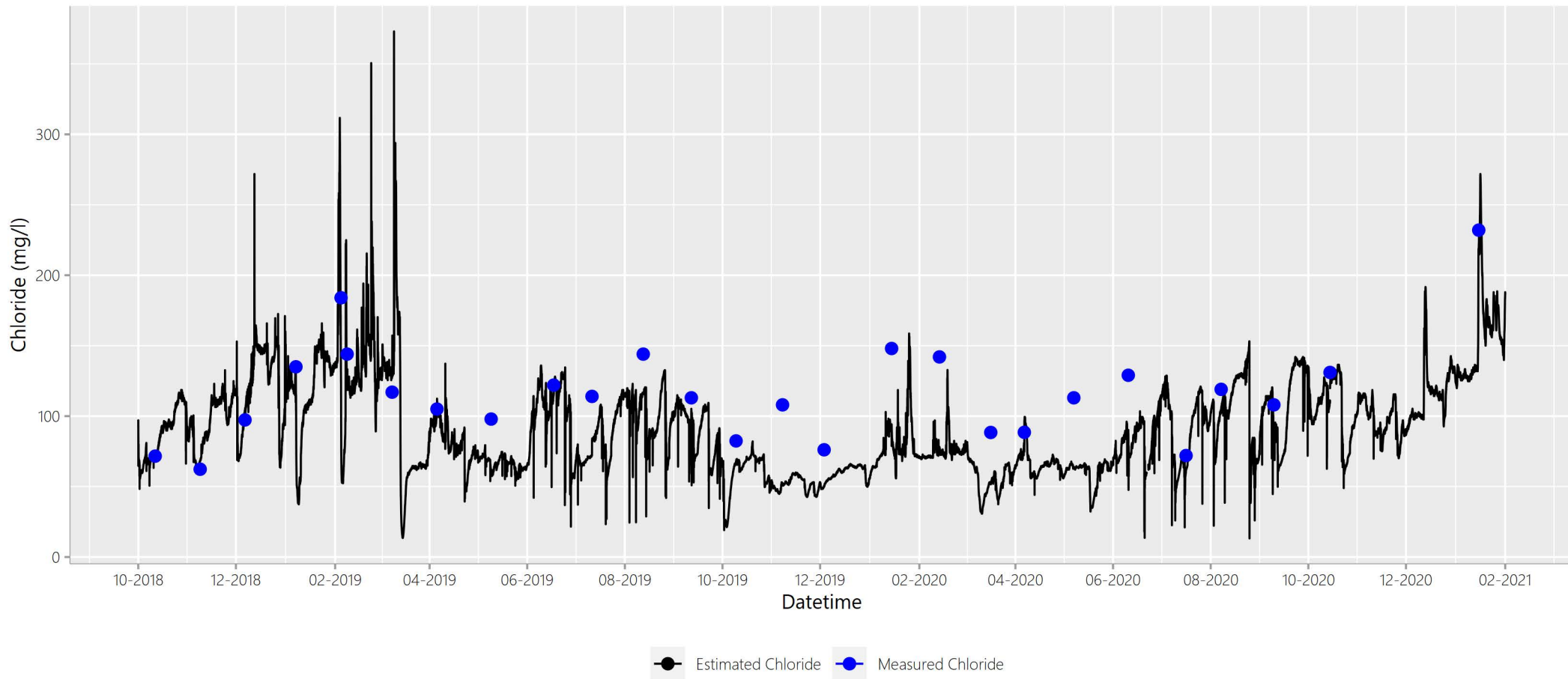
**Figure A.Site48ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 48 White River at Lake Geneva: 2018-10 to 2020-10**



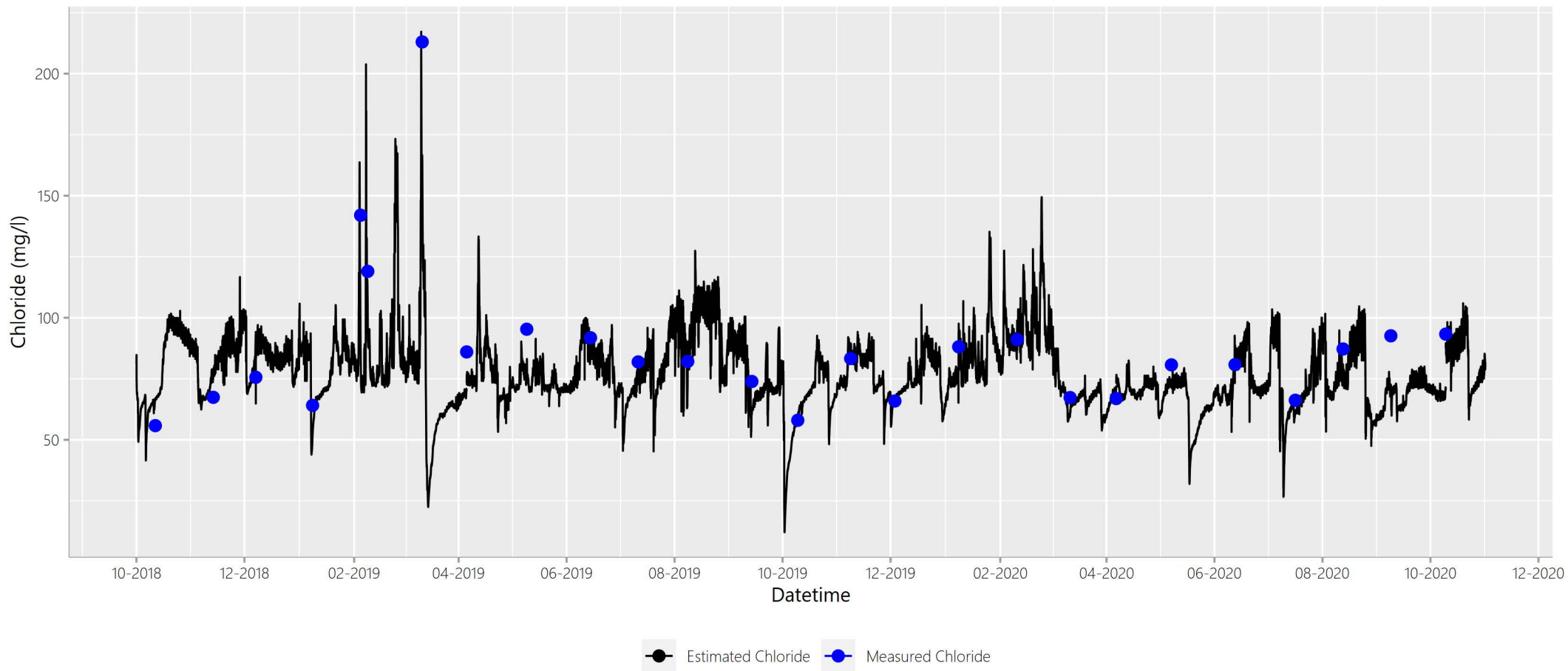
**Figure A.Site51ClEstClTimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 51 Rubicon River: 2018-10 to 2021-01**



**Figure A.Site52ClEstCITimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 52 Cedar Creek: 2018-10 to 2020-10**





**Figure A.Site53ClEstCITimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 53 Honey Creek at Wauwatosa: 2018-10 to 2021-02**

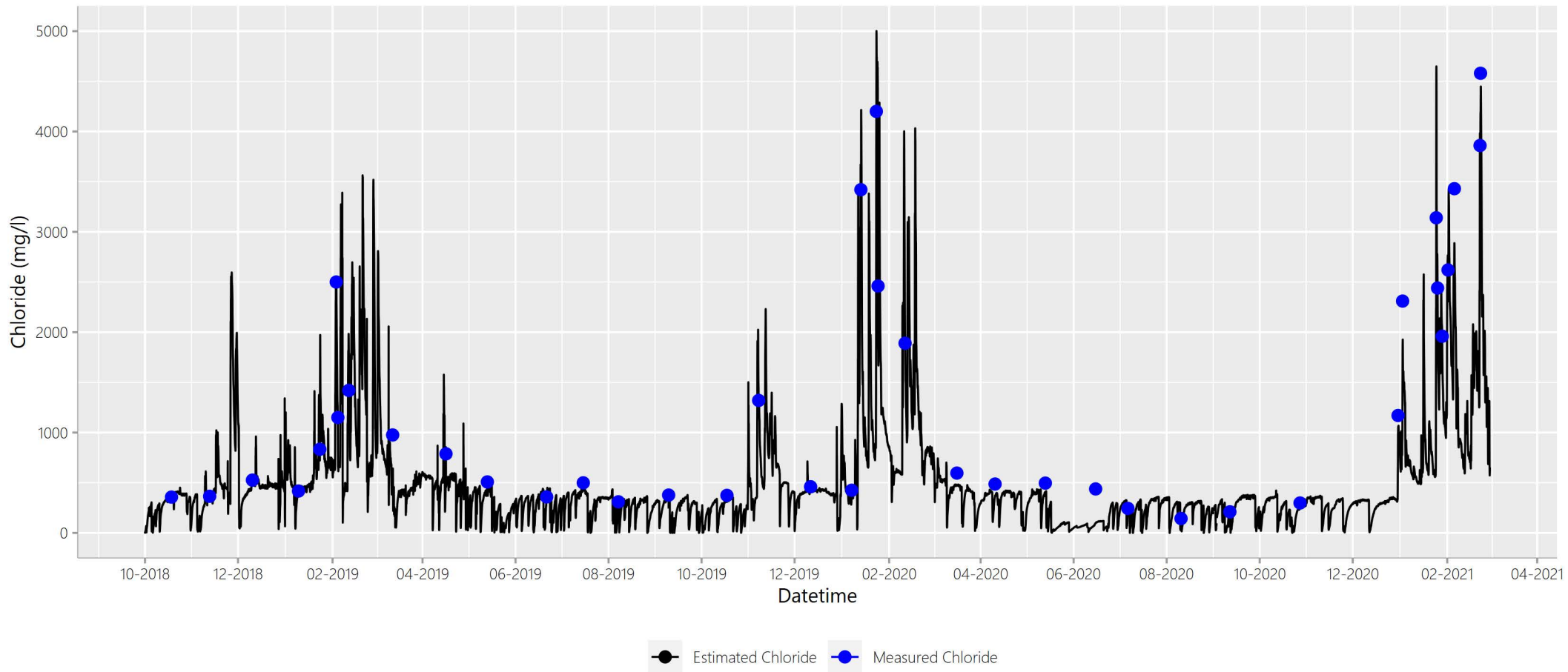
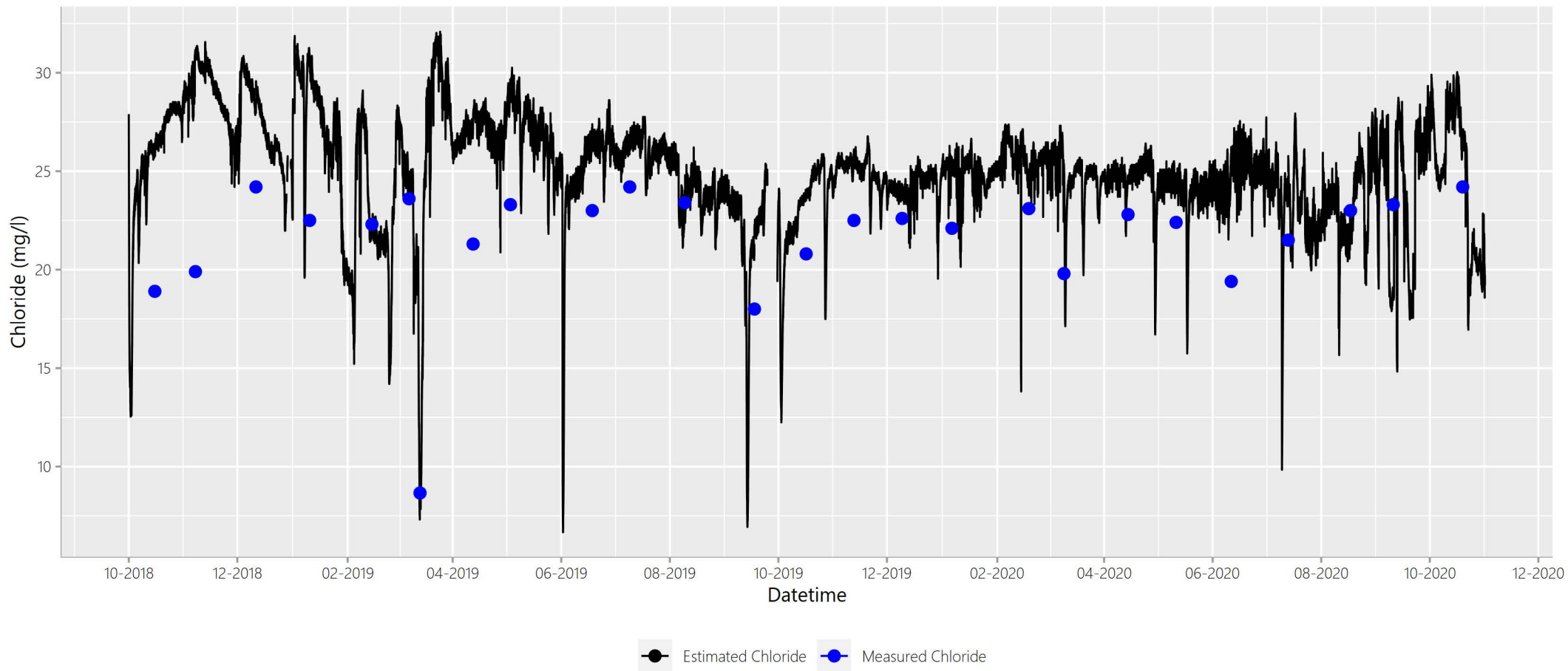


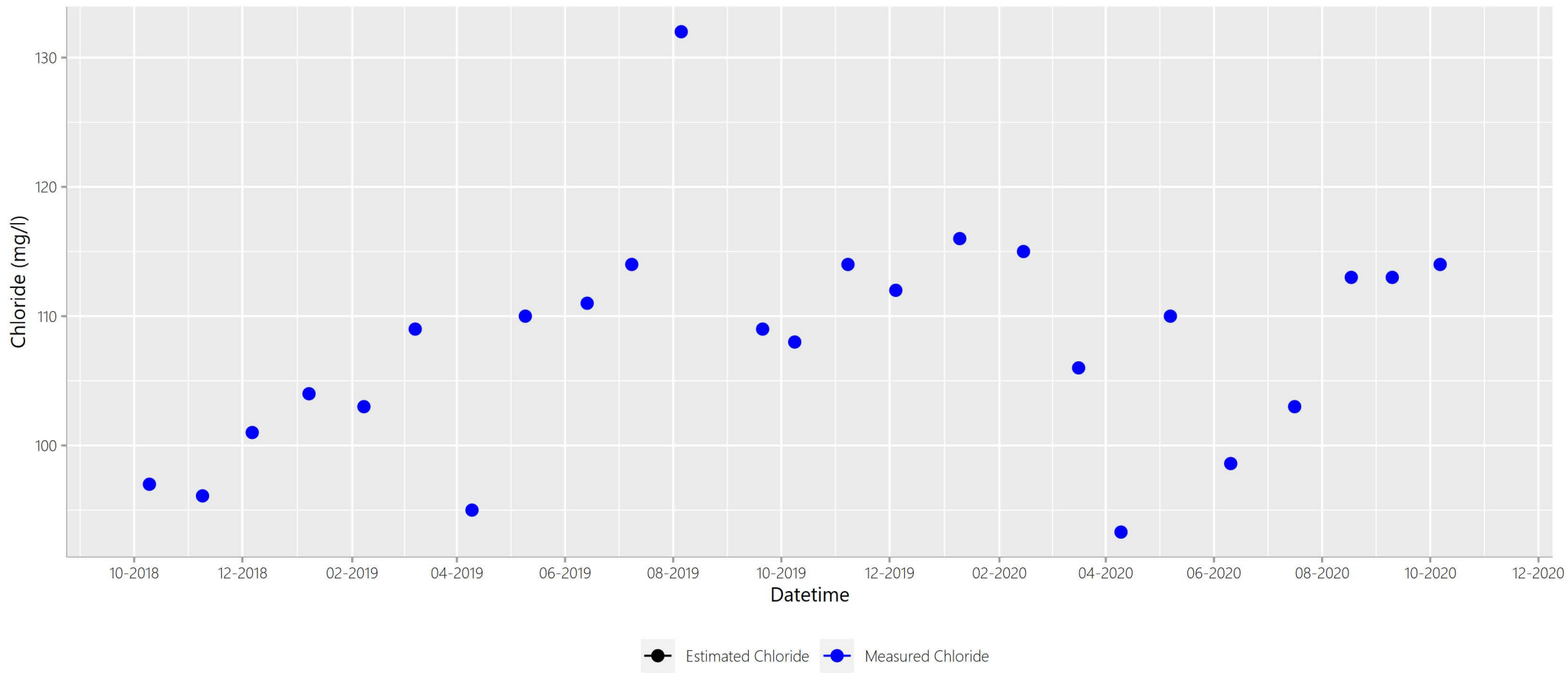
Figure A.Site54ClEstClTimeSeries

Time Series of Estimated and Measured Chloride Concentrations at Site 54 Whitewater Creek: 2018-10 to 2020-10



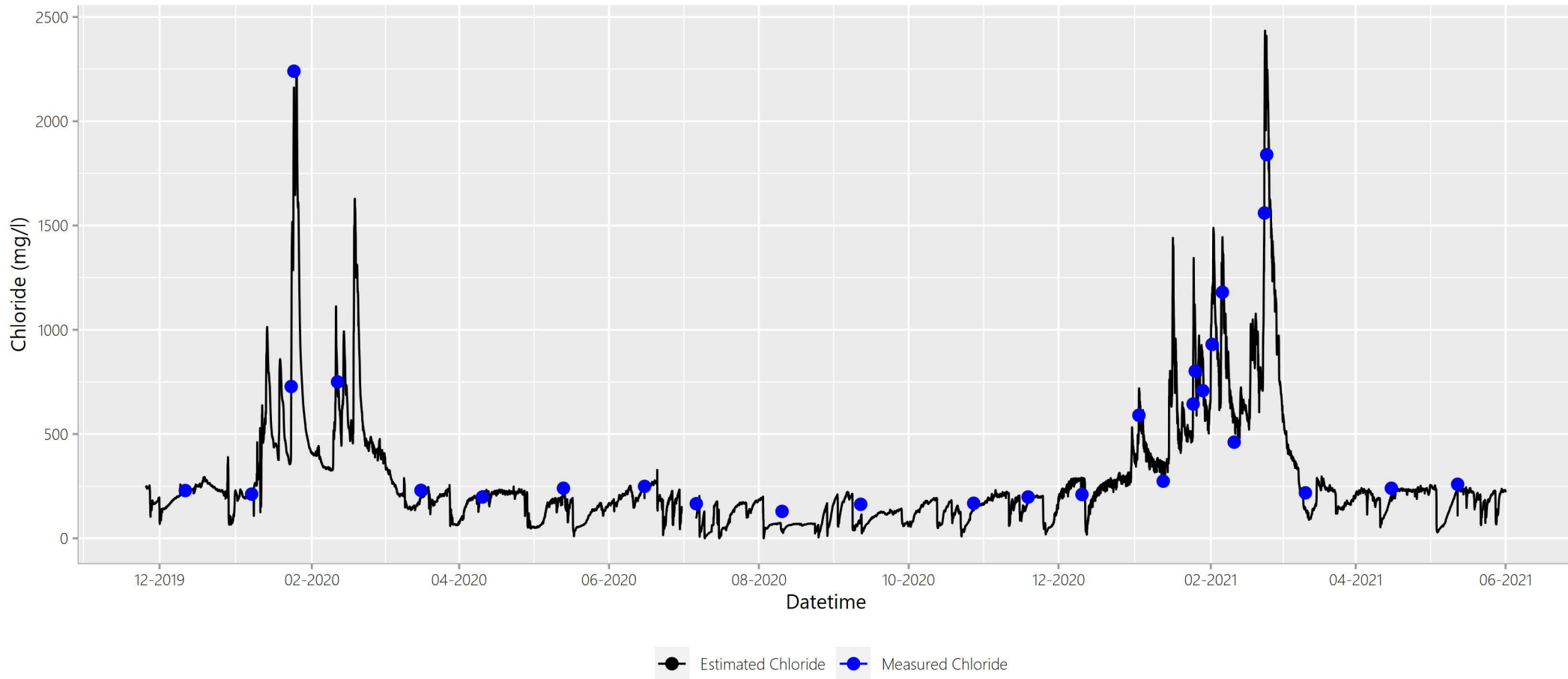
**Figure A.Site55ClEstCITimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 55 Bark River Downstream: 2018-10 to 2020-10**

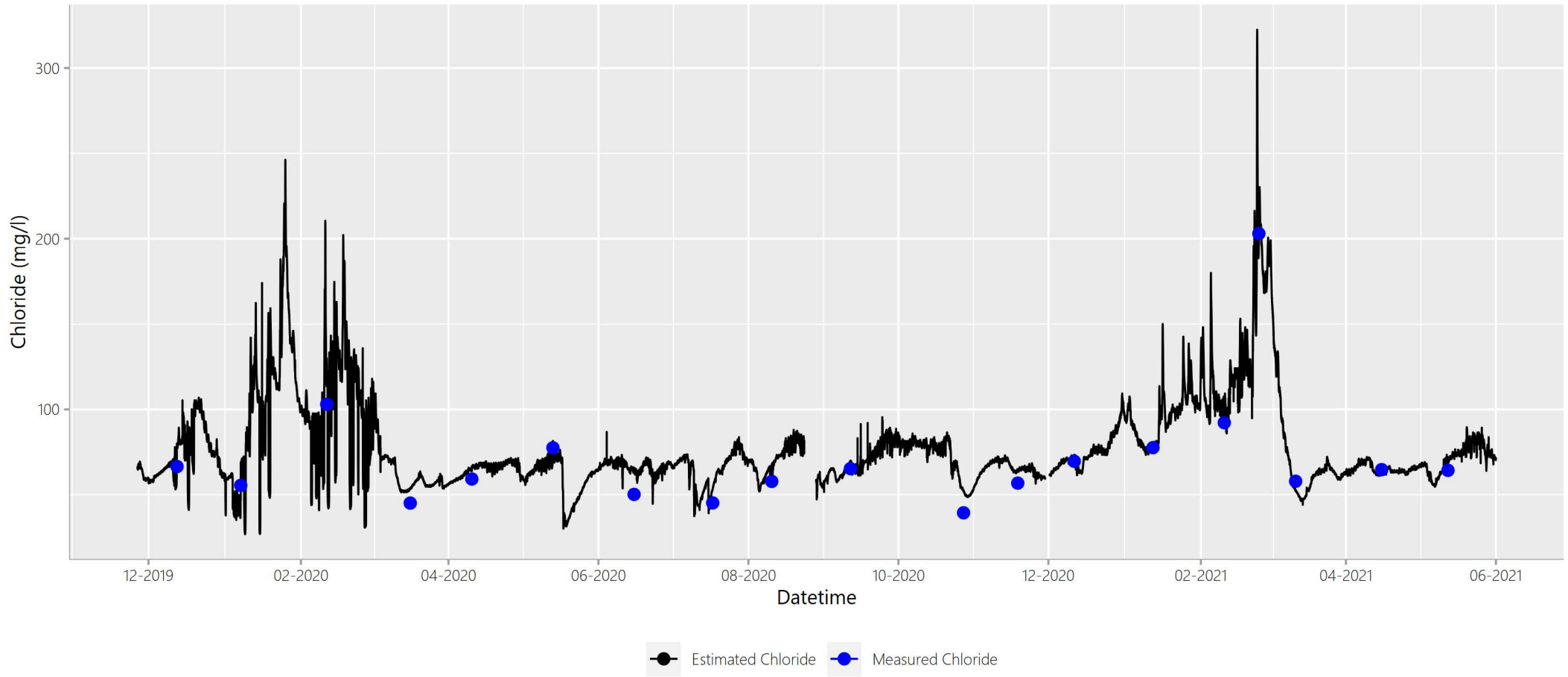


**Figure A.Site57ClEstCITimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 57 Menomonee River at Wauwatosa: 2019-12 to 2021-05**



**Figure A.Site58ClEstCITimeSeries**  
**Time Series of Estimated and Measured Chloride Concentrations at Site 58 Milwaukee River at Estabrook Park: 2019-12 to 2021-05**



Source: SEWRPC

**Figure A.Site59ClEstCITimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 59 Root River near Horlick Dam: 2019-12 to 2021-02**

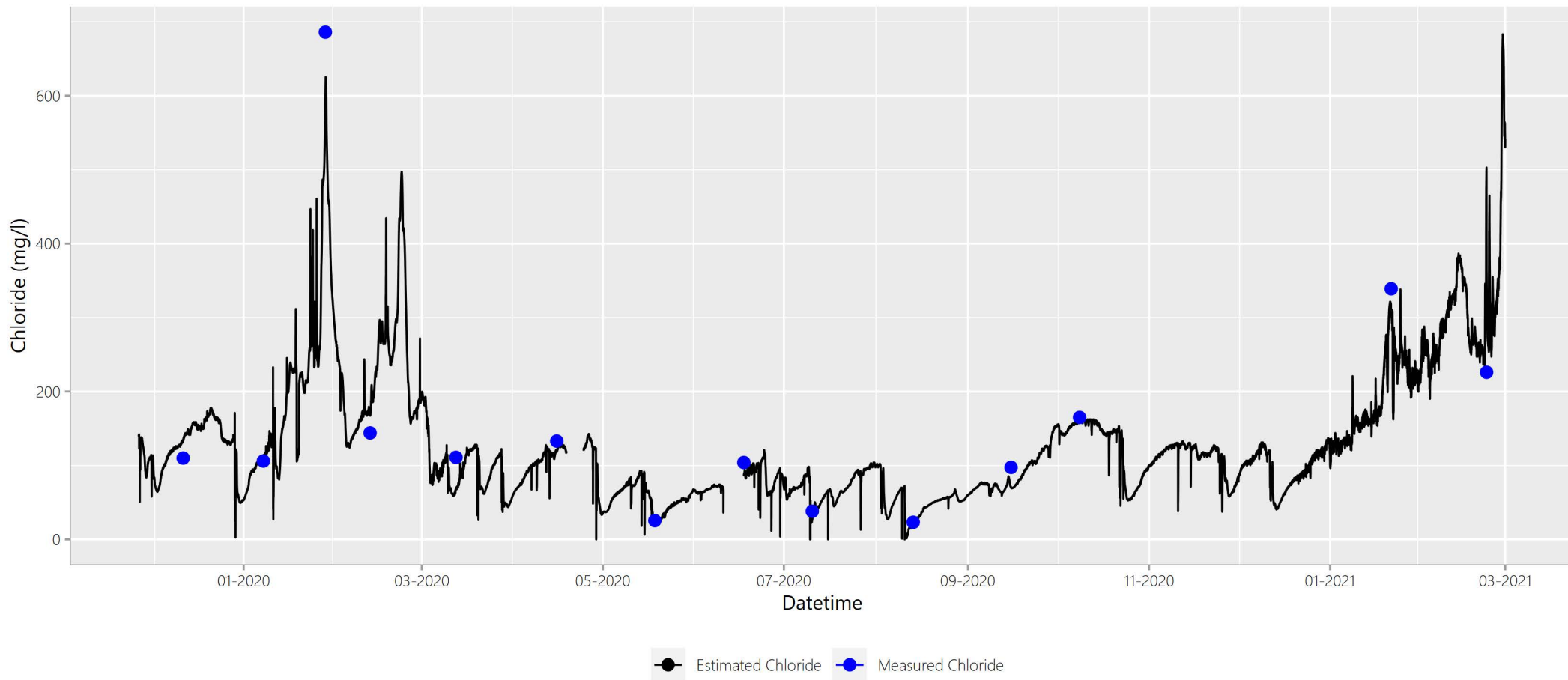
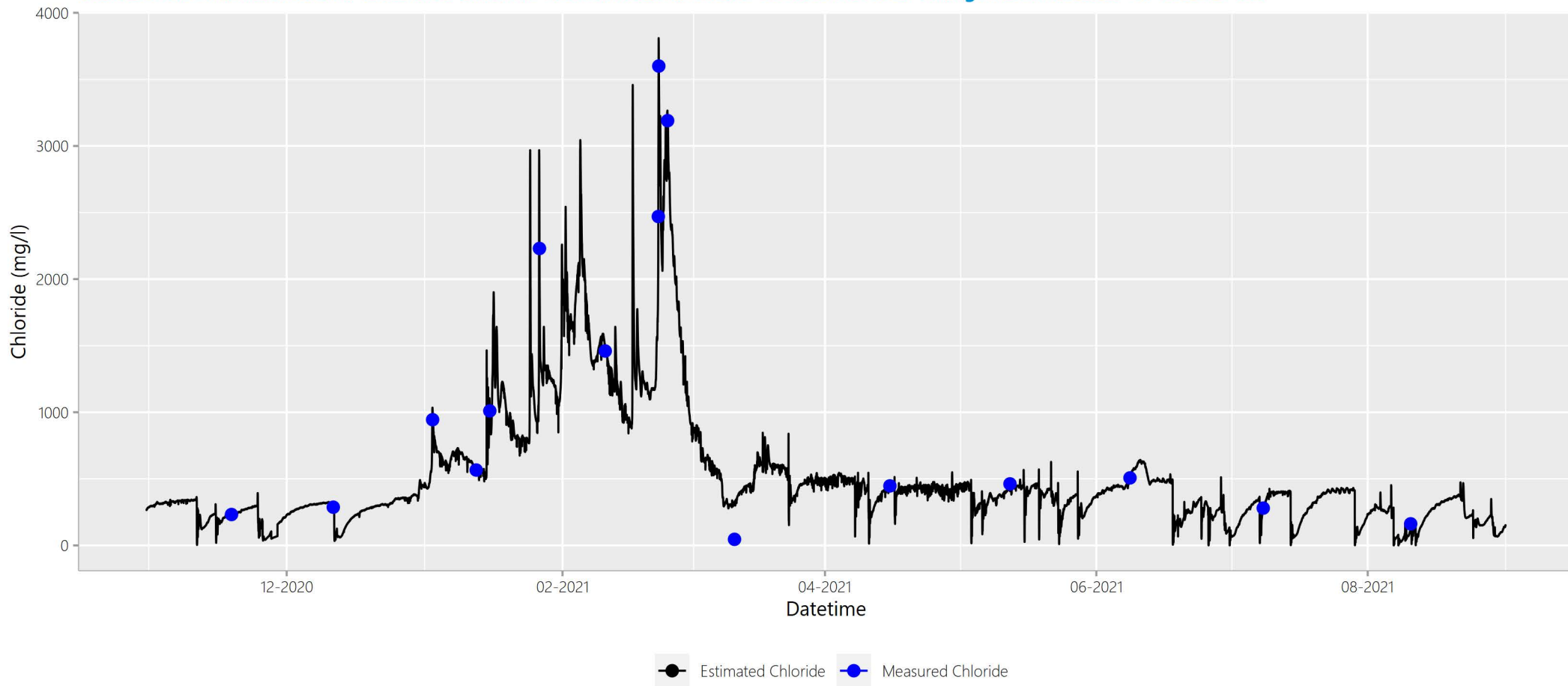


Figure A.Site60CIEstCITimeSeries

Time Series of Estimated and Measured Chloride Concentrations at Site 60 Root River at Grange Avenue: 2020-11 to 2021-08



**Figure A.Site87ClEstCITimeSeries**

**Time Series of Estimated and Measured Chloride Concentrations at Site 87 Underwood Creek: 2020-11 to 2021-08**

