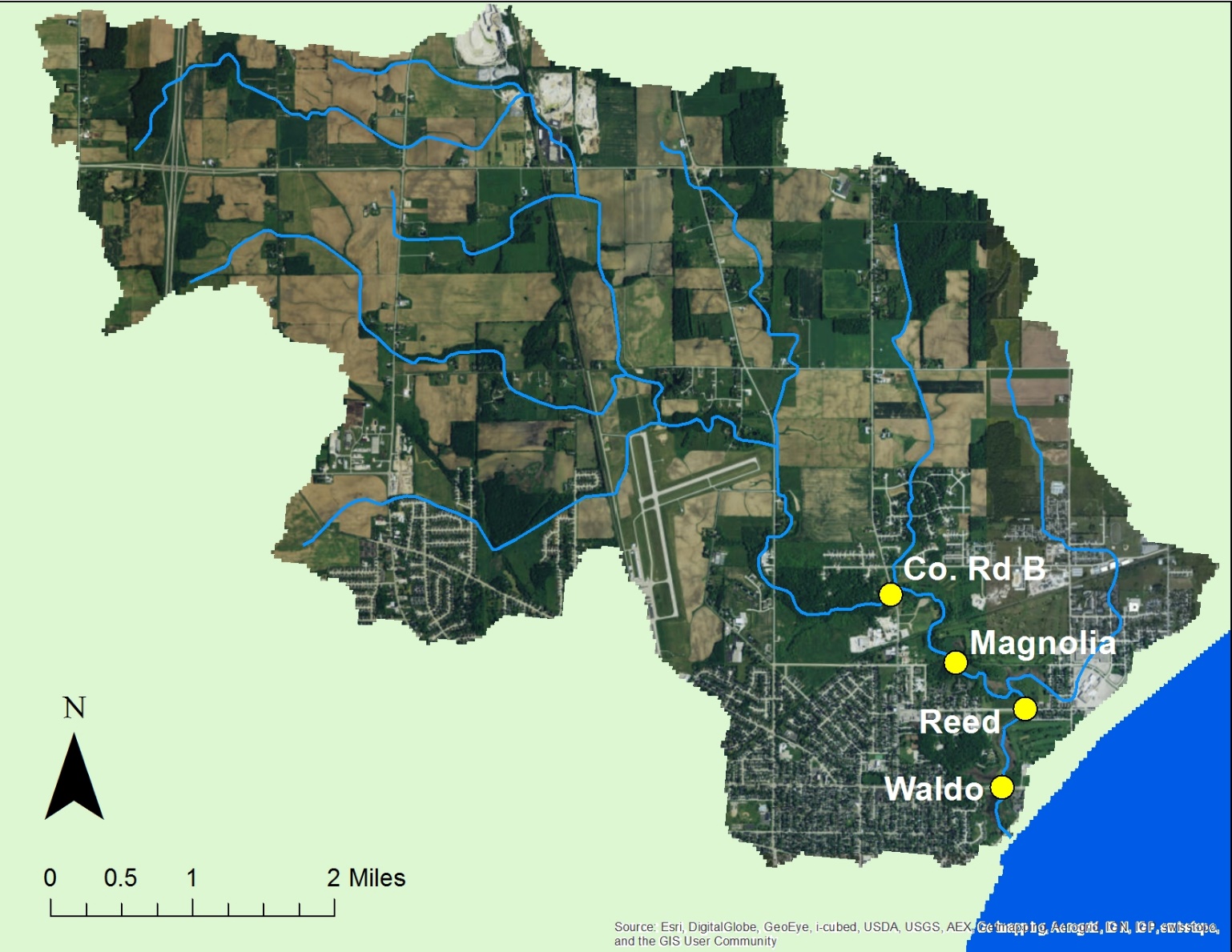
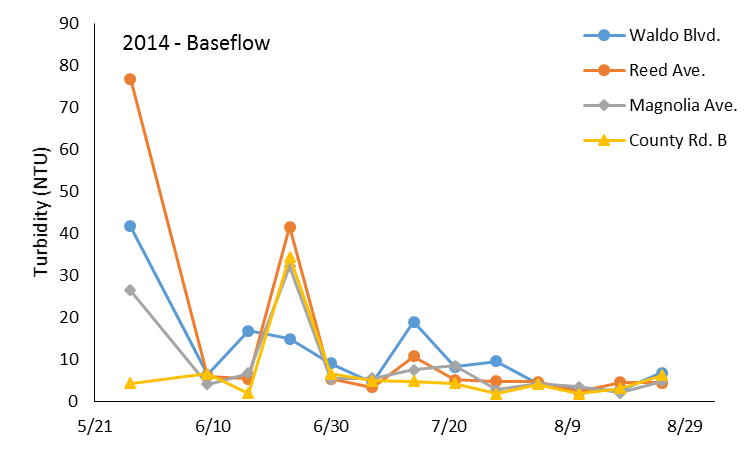
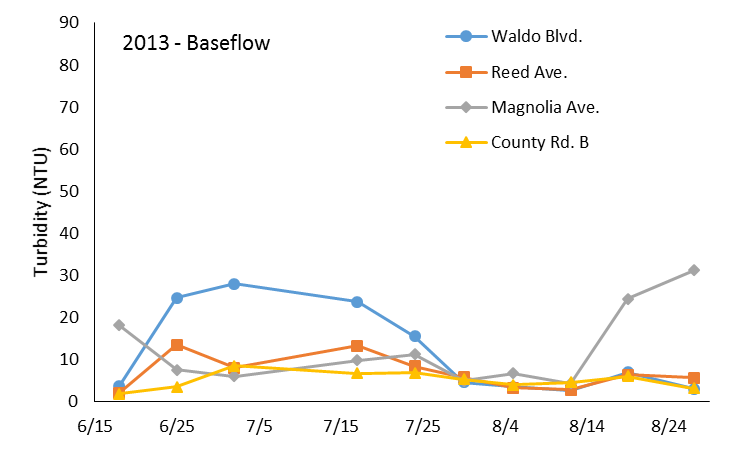
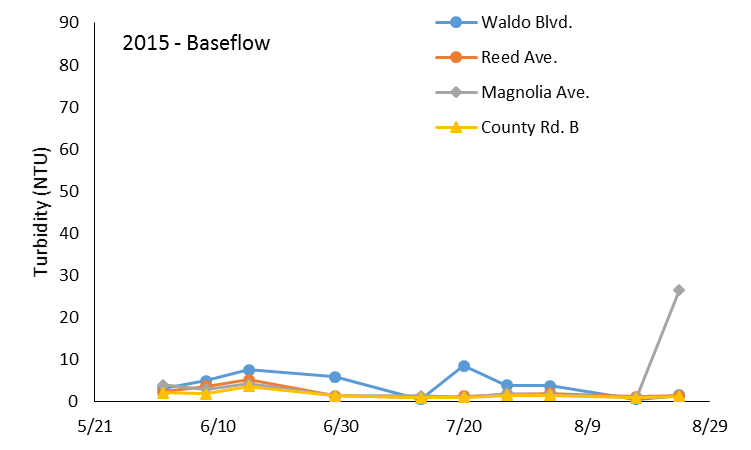
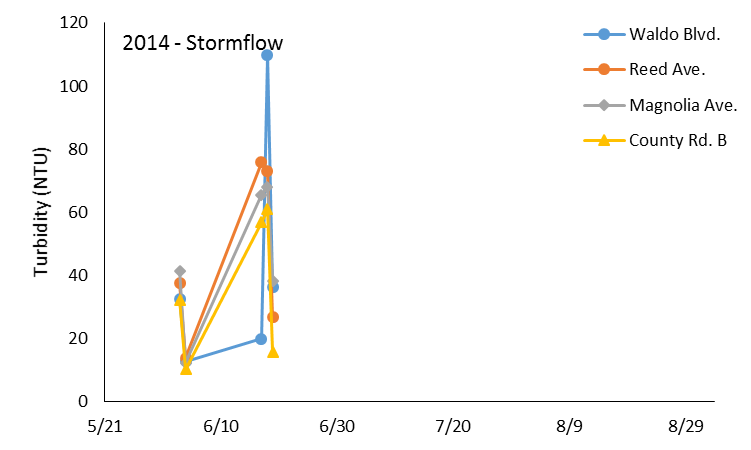
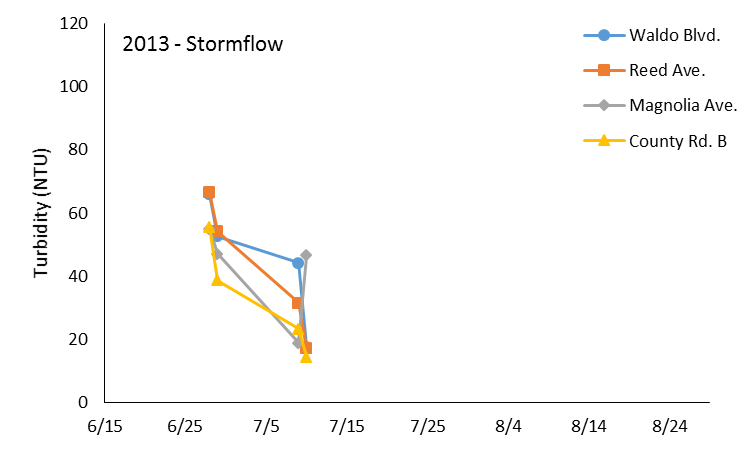
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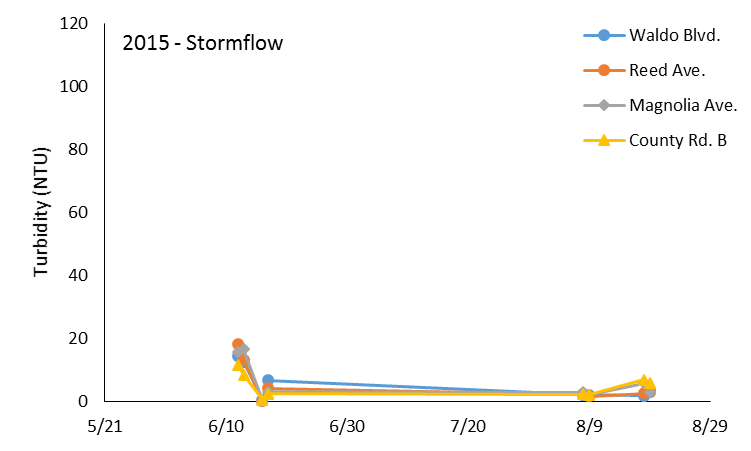
**FIGURE 1.** Location of water quality sampling sites in the Lower Manitowoc River watershed.

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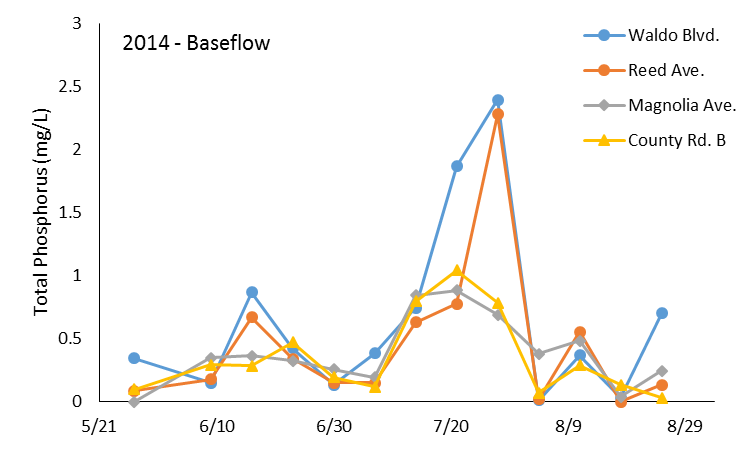
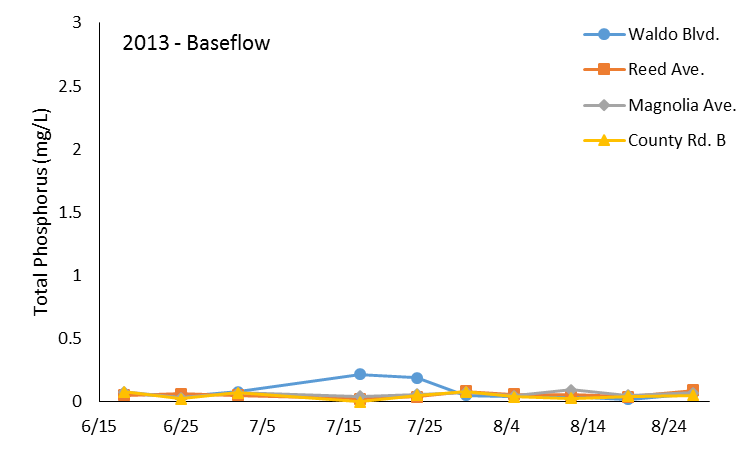
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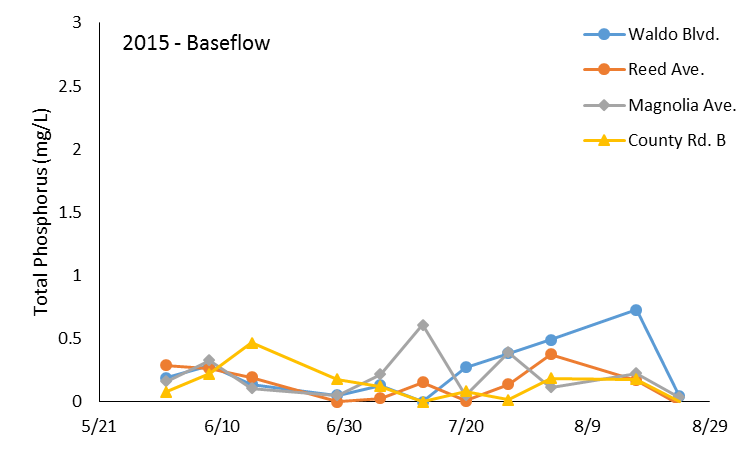
**Figure 2.** Baseflow turbidity (NTU) for the Little Manitowoc River, Summer 2013 – 2015.

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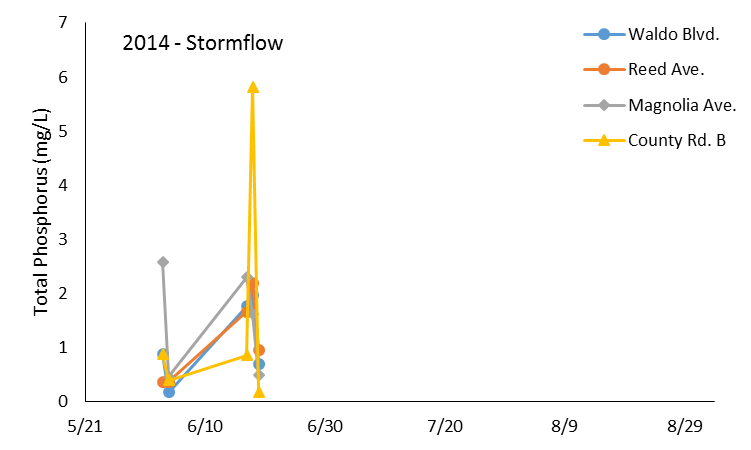
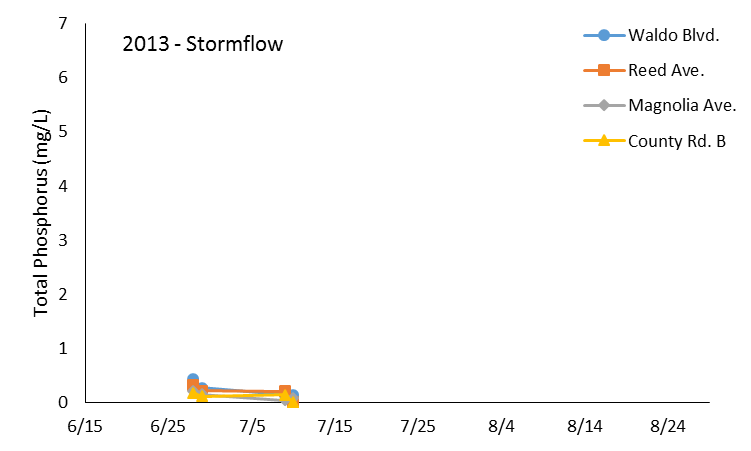
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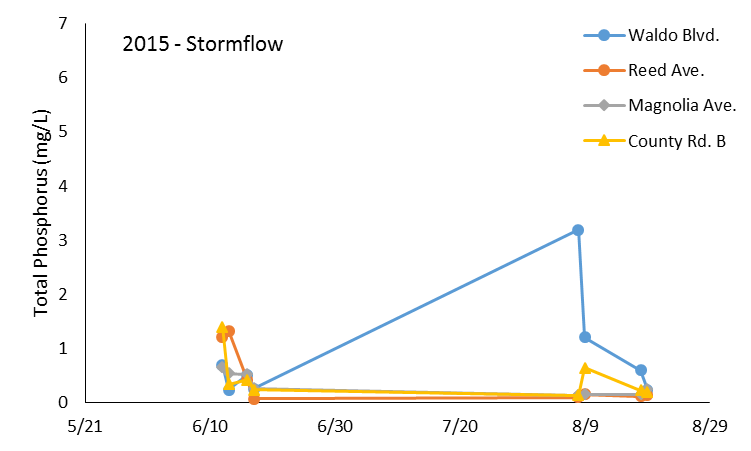
**Figure 3.** Stormflow turbidity (NTU) for the Little Manitowoc River, Summer 2013 – 2015.



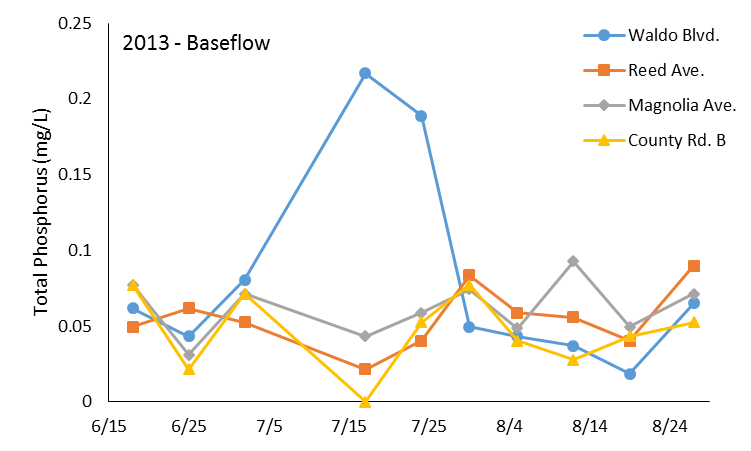
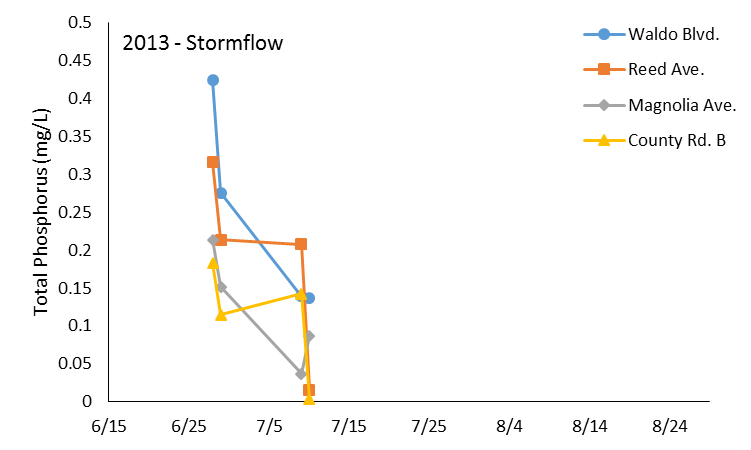


**Figure 4.** Baseflow total phosphorus concentrations (mg/L) for the Little Manitowoc River, Summer 2013 – 2015.

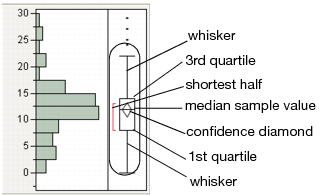




**Figure 5.** Stormflow total phosphorus concentrations (mg/L) for the Little Manitowoc River, Summer 2013 – 2015.

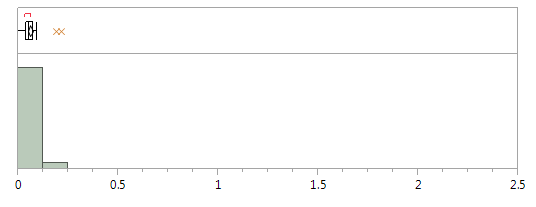
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**Figure 6.** Baseflow and stormflow total phosphorus concentrations (mg/L) for Little Manitowoc River, Summer 2013. **Note scale of Y-axis.**

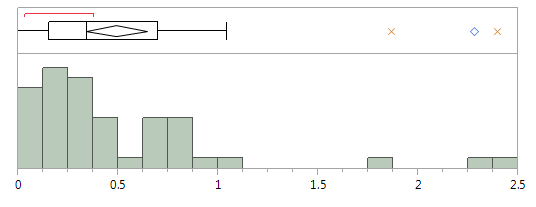


**Figure 7.** Explanation for total phosphorus distribution graphs in Figures 8 and 9. (JMP Statistical Software. http://www.jmp.com/support/help/Options\_for\_Continuous\_Variables.shtml)

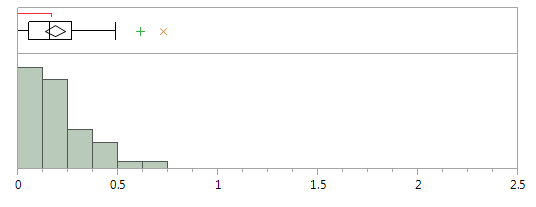
2013



2014

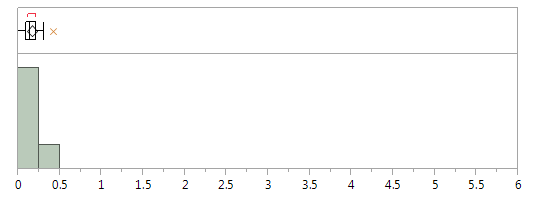


2015

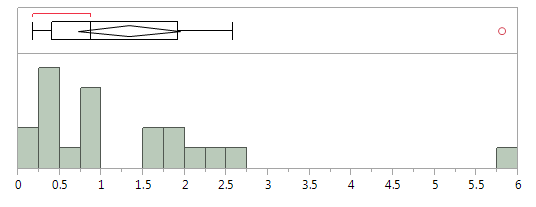


**Figure 8.** Baseflow frequency distribution of total phosphorus concentrations (mg/L) Little Manitowoc River, Summer 2013-2015 for all four sites.

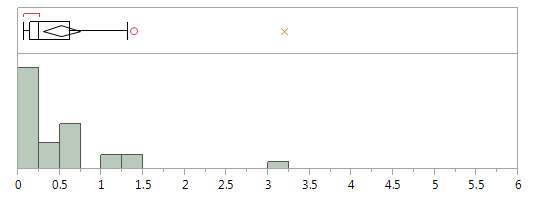
2013



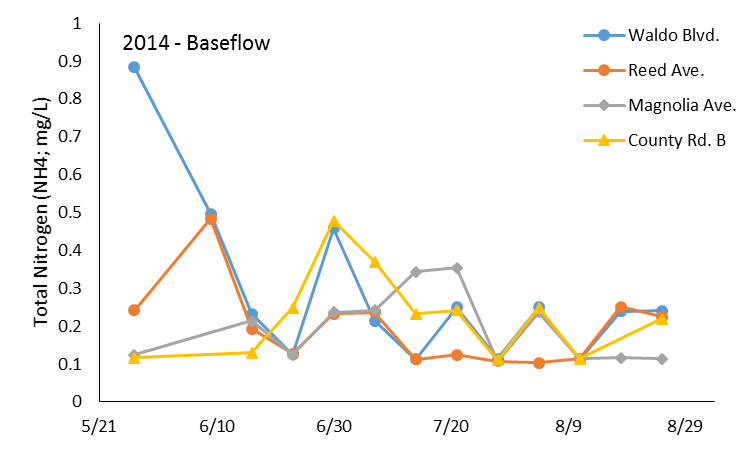
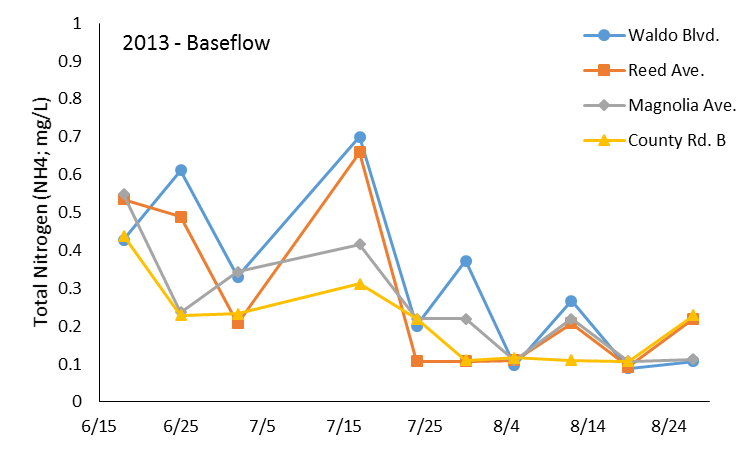
2014

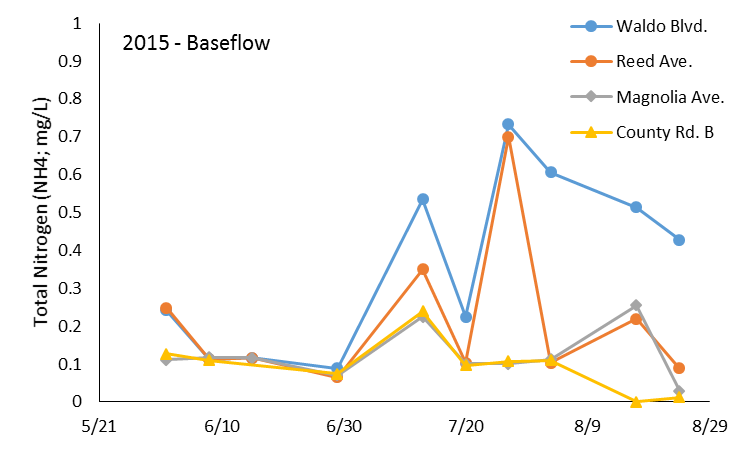


2015

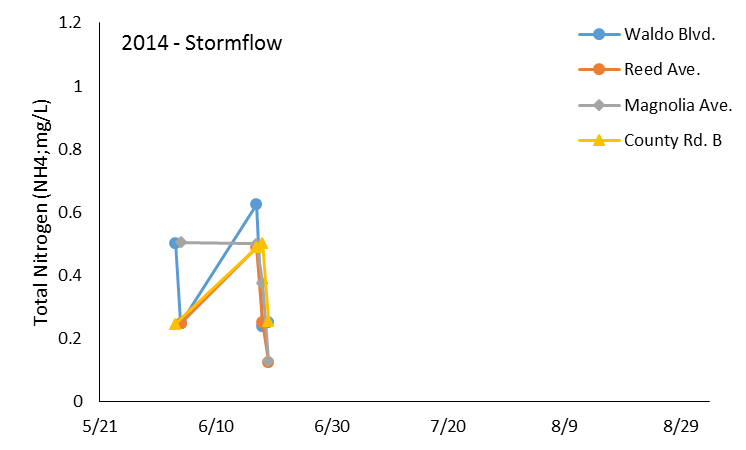
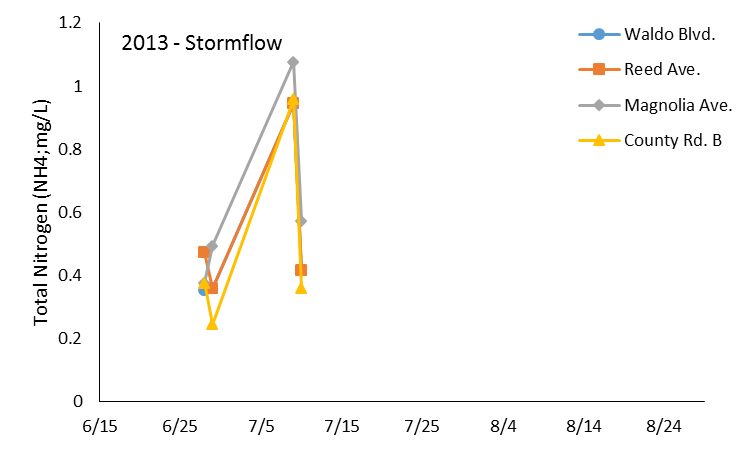


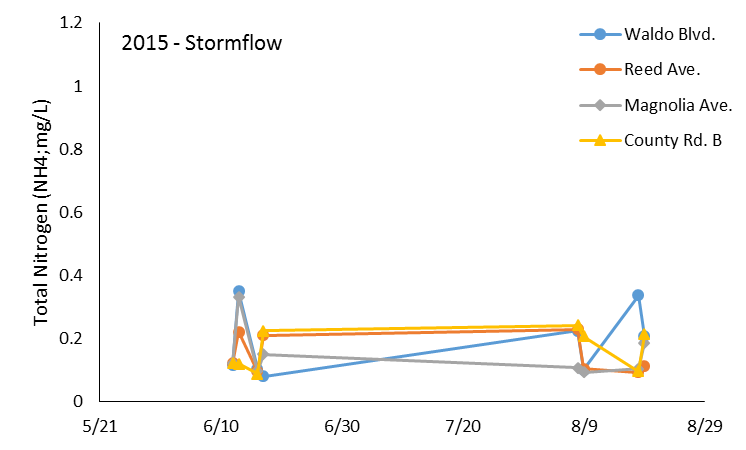
**Figure 9.** Frequency distribution of total phosphorus concentrations (mg/L) for stormflow Little Manitowoc River, Summer 2013-2015.

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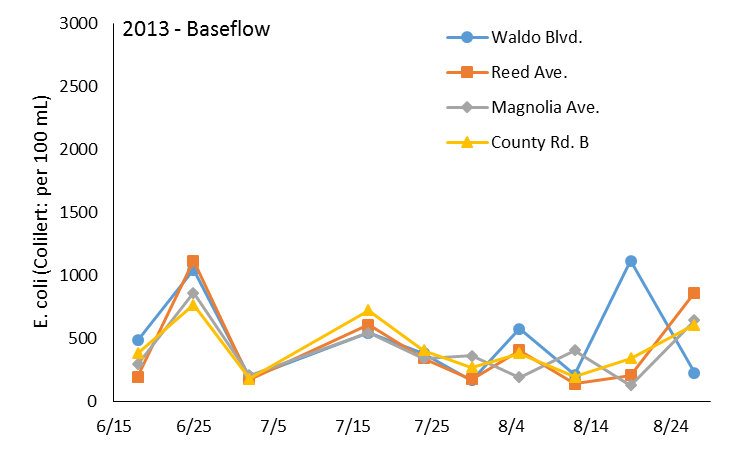
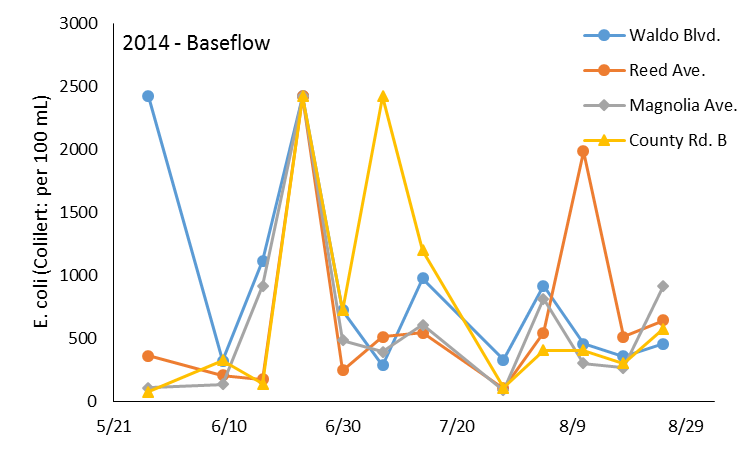
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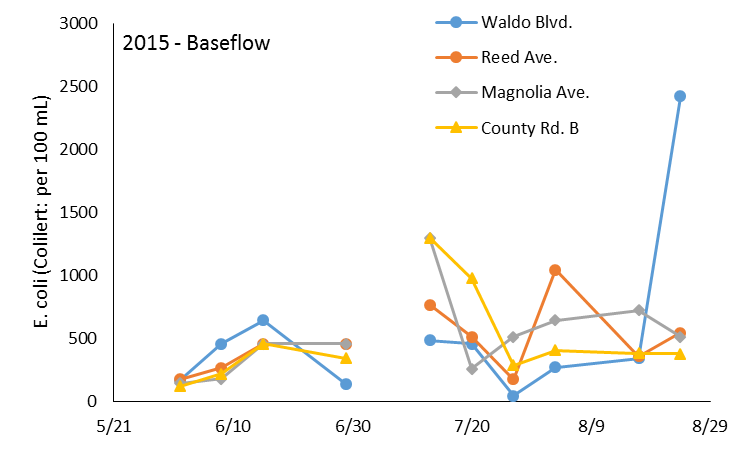
**Figure 10.** Baseflow nitrogen (NH4:mg/L) concentrations for the Little Manitowoc River, Summer 2013 – 2015.

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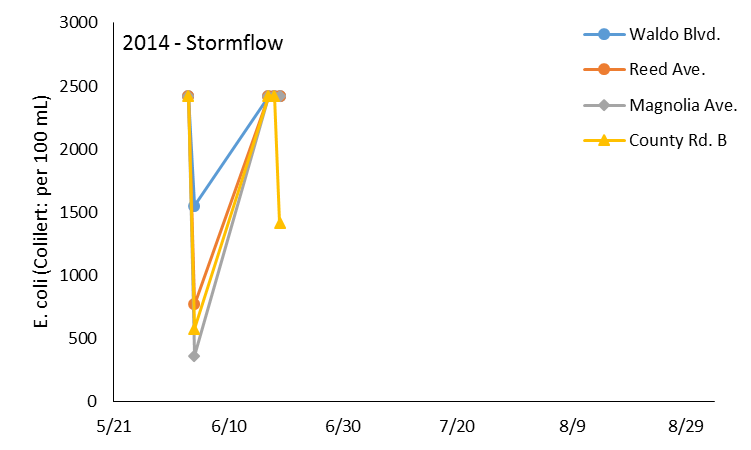
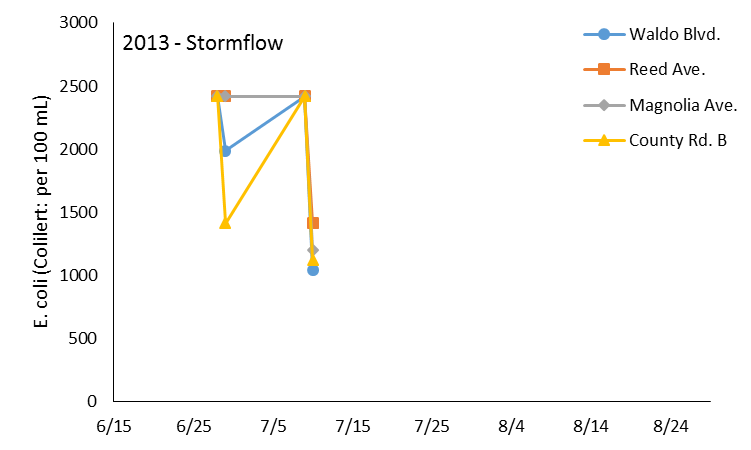
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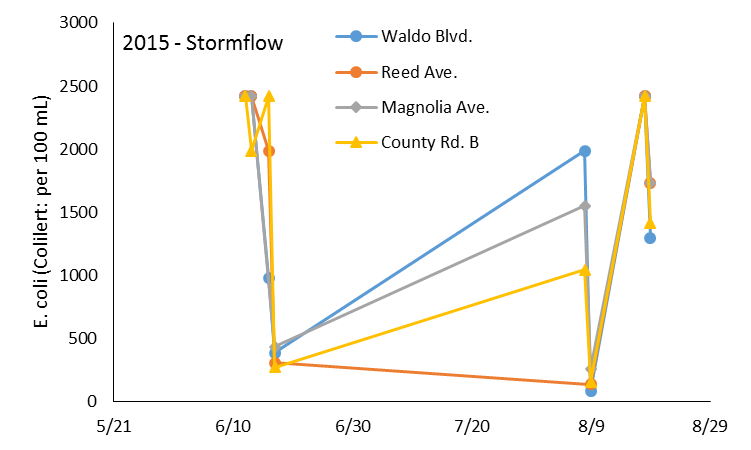
**Figure 11.** Stormflow nitrogen (NH4:mg/L) concentrations for the Little Manitowoc River, Summer 2013 – 2015.

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**Figure 12.** Baseflow E. coli concentrations for the Little Manitowoc River, Summer 2013 – 2015.





**Figure 13.** Stormflow E. coli concentrations for the Little Manitowoc River, Summer 2013 – 2015.