

Figure S14. Fecal indicator bacteria at Milwaukee River at the Mouth and stream discharge at four Milwaukee River Watershed sites. [Menomonee River, Menomonee River at Wauwatosa; Kinnickinnic River, Kinnickinnic River at S. 11th Street at Milwaukee; lowess, lowess smoothing curve from 5 minute discharge data within a seiche-affected river channel; Lachno2, Lachnospiraceae human marker; Ruminant, *Bacteroides* Ruminant marker].

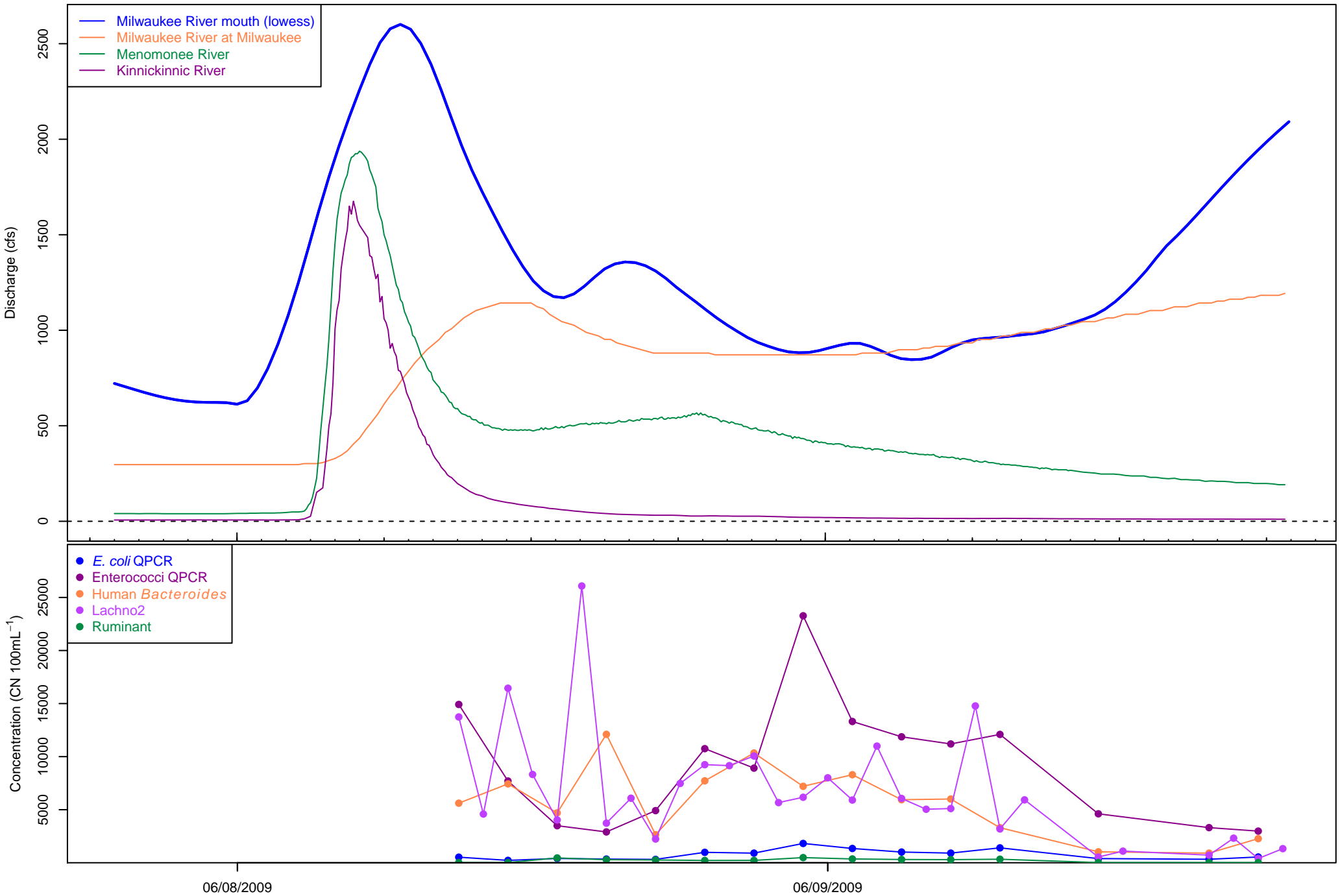


Figure S15. Fecal indicator bacteria at Milwaukee River at the Mouth and stream discharge at four Milwaukee River Watershed sites. [Menomonee River, Menomonee River at Wauwatosa; Kinnickinnic River, Kinnickinnic River at S. 11th Street at Milwaukee; lowess, lowess smoothing curve from 5 minute discharge data within a seiche–effected river channel; Lachno2, Lachnospiraceae human marker]

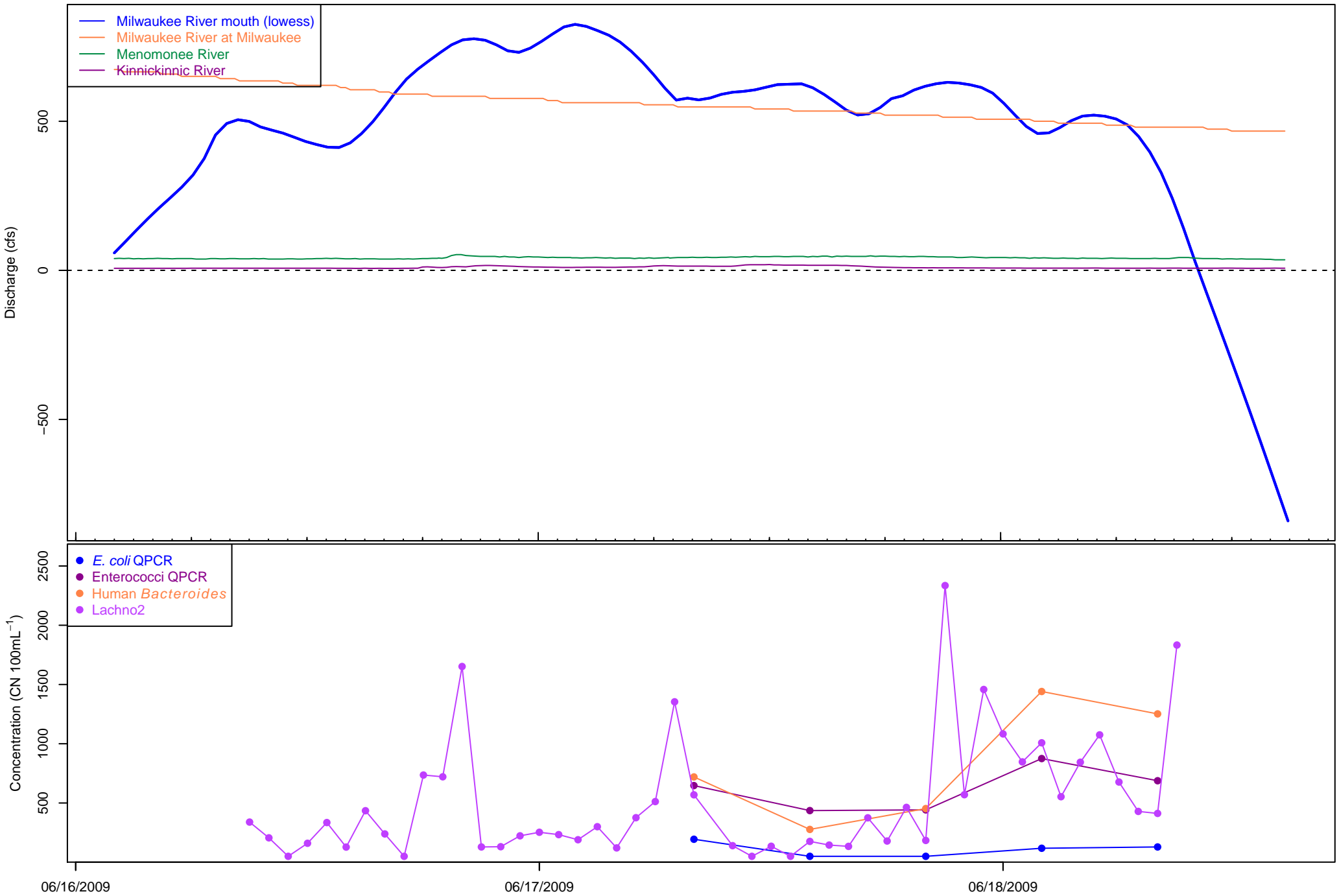


Figure S16. Fecal indicator bacteria at Milwaukee River at the Mouth and stream discharge at four Milwaukee River Watershed sites. [Menomonee River, Menomonee River at Wauwatosa; Kinnickinnic River, Kinnickinnic River at S. 11th Street at Milwaukee; lowess, lowess smoothing curve from 5 minute discharge data within a seiche-affected river channel; Lachno2, Lachnospiraceae human marker]

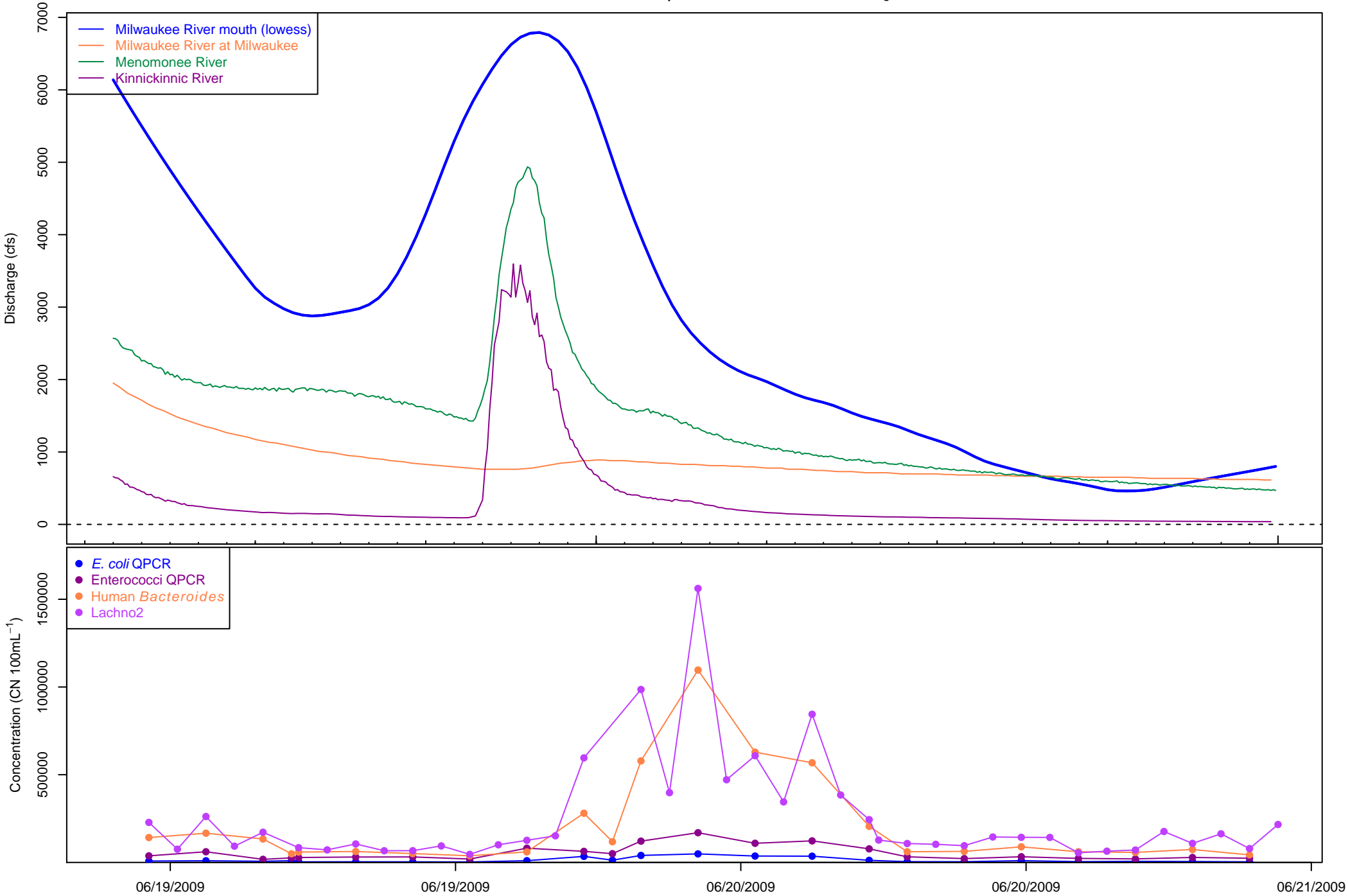


Figure S17. Fecal indicator bacteria at Milwaukee River at the Mouth and stream discharge at four Milwaukee River Watershed sites. [Menomonee River, Menomonee River at Wauwatosa; Kinnickinnic River, Kinnickinnic River at S. 11th Street at Milwaukee; lowess, lowess smoothing curve from 5 minute discharge data within a seiche-affected river channel; Lachno2, Lachnospiraceae human marker; Ruminant, *Bacteroides* Ruminant marker].

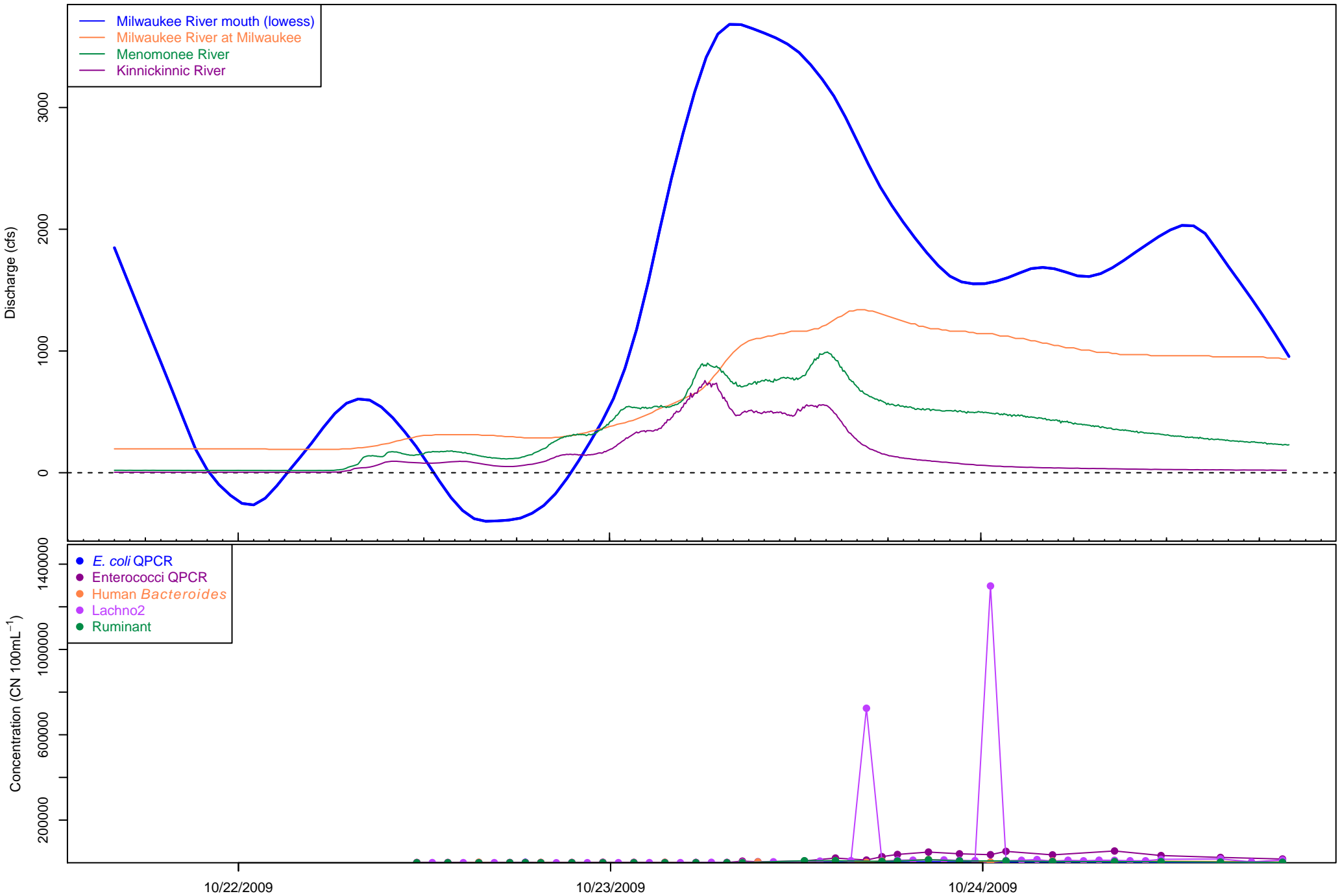


Figure S18. Fecal indicator bacteria at Milwaukee River at the Mouth and stream discharge at four Milwaukee River Watershed sites. [Menomonee River, Menomonee River at Wauwatosa; Kinnickinnic River, Kinnickinnic River at S. 11th Street at Milwaukee; lowess, lowess smoothing curve from 5 minute discharge data within a seiche-affected river channel; Lachno2, Lachnospiraceae human marker]

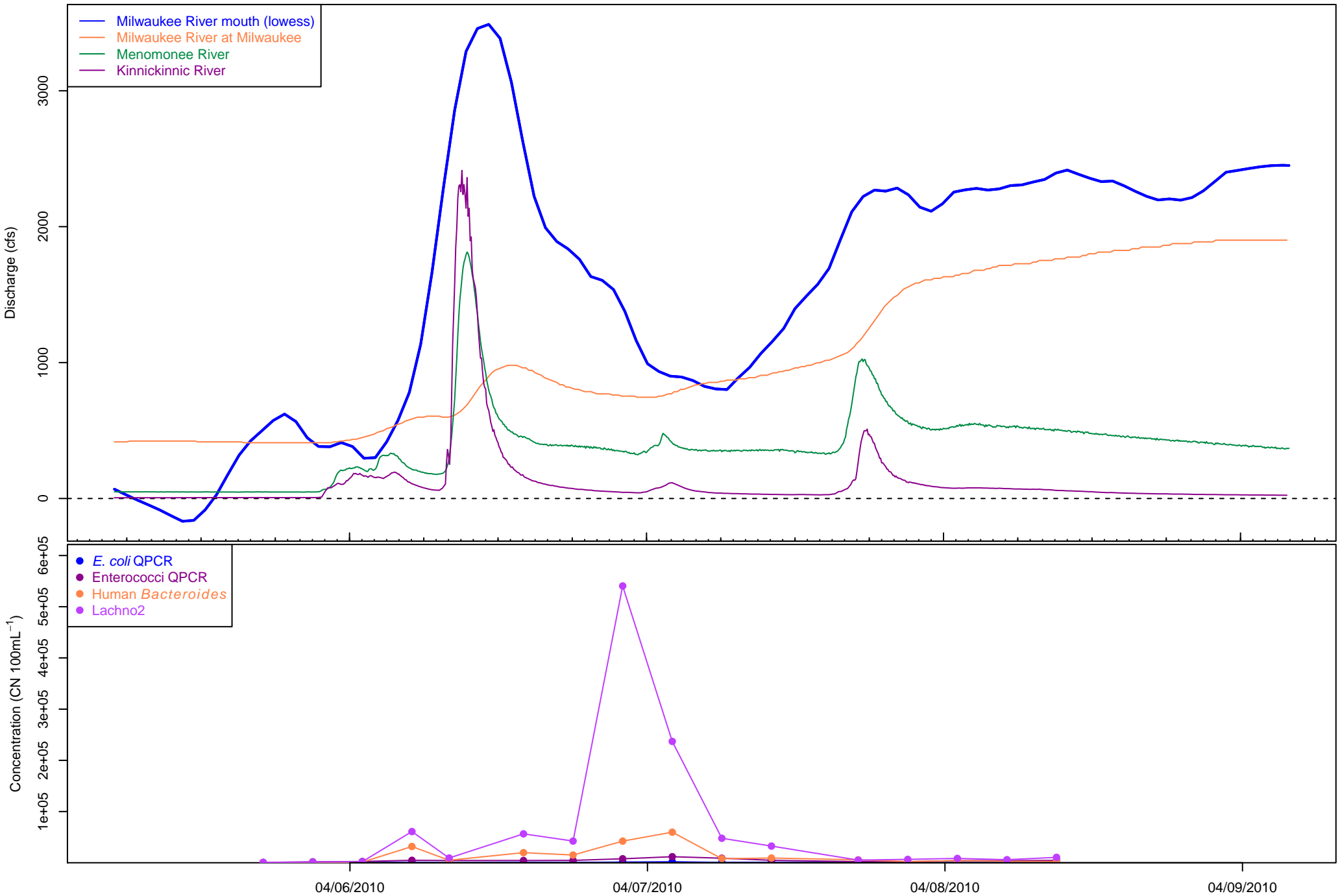


Figure S19. Fecal indicator bacteria at Milwaukee River at the Mouth and stream discharge at four Milwaukee River Watershed sites. [Menomonee River, Menomonee River at Wauwatosa; Kinnickinnic River, Kinnickinnic River at S. 11th Street at Milwaukee; lowess, lowess smoothing curve from 5 minute discharge data within a seiche-affected river channel; Lachno2, Lachnospiraceae human marker]

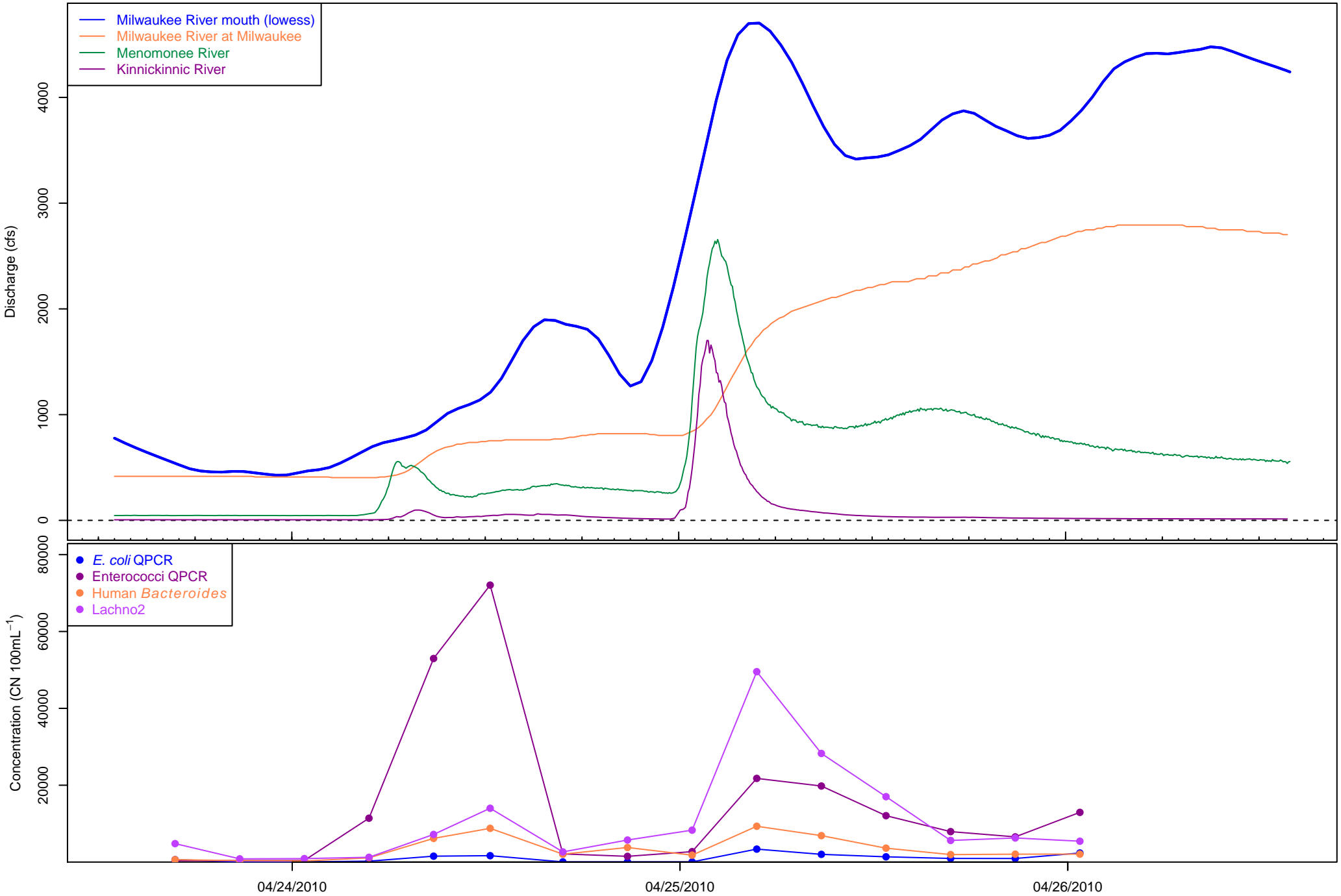


Figure S20. Fecal indicator bacteria at Milwaukee River at the Mouth and stream discharge at four Milwaukee River Watershed sites. [Menomonee River, Menomonee River at Wauwatosa; Kinnickinnic River, Kinnickinnic River at S. 11th Street at Milwaukee; lowess, lowess smoothing curve from 5 minute discharge data within a seiche-affected river channel; Lachno2, Lachnospiraceae human marker; Ruminant, *Bacteroides* Ruminant marker].

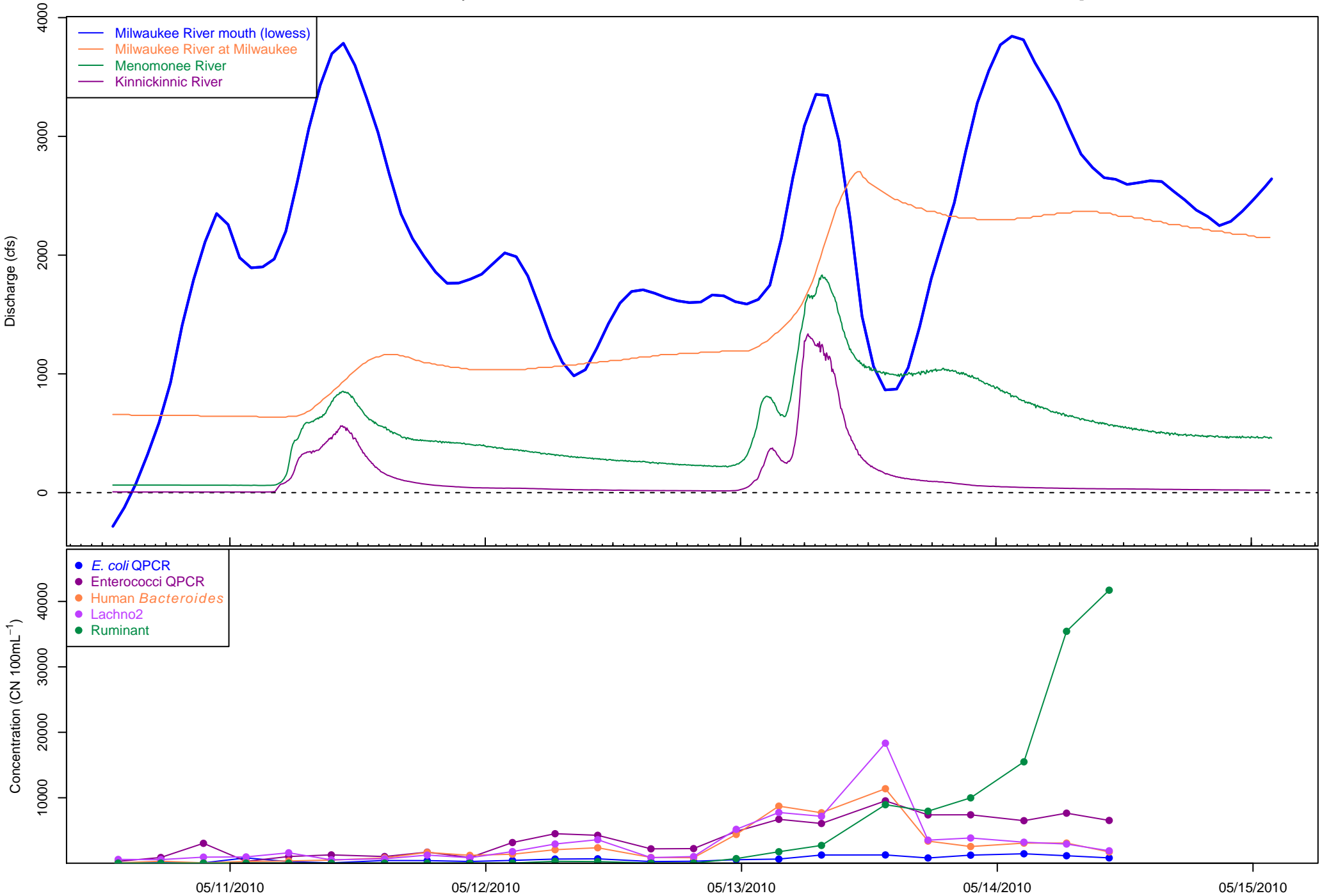


Figure S21. Fecal indicator bacteria at Milwaukee River at the Mouth and stream discharge at four Milwaukee River Watershed sites. [Menomonee River, Menomonee River at Wauwatosa; Kinnickinnic River, Kinnickinnic River at S. 11th Street at Milwaukee; lowess, lowess smoothing curve from 5 minute discharge data within a seiche-affected river channel; Lachno2, Lachnospiraceae human marker]

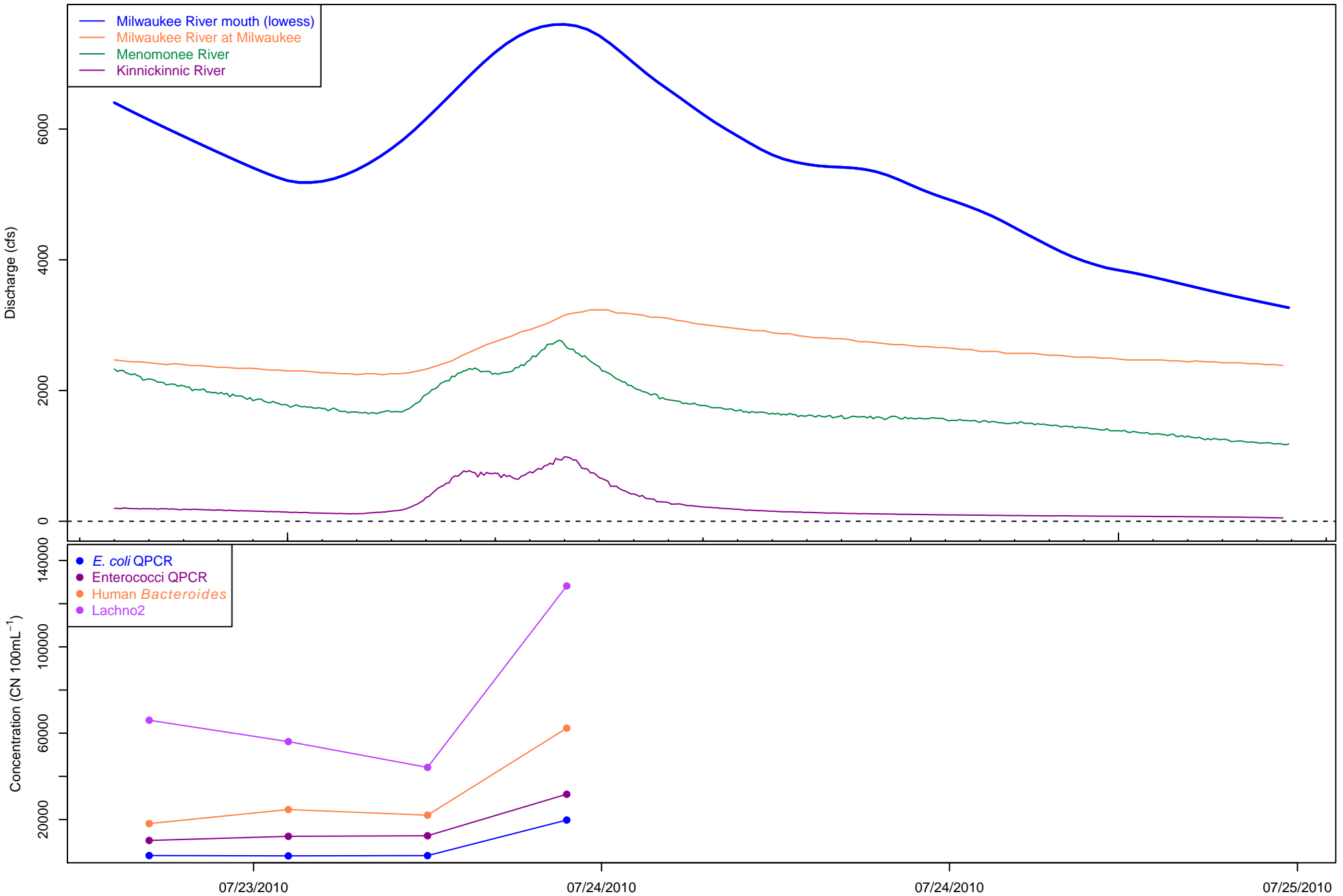




Figure S22. Fecal indicator bacteria at Milwaukee River at the Mouth and stream discharge at four Milwaukee River Watershed sites. [Menomonee River, Menomonee River at Wauwatosa; Kinnickinnic River, Kinnickinnic River at S. 11th Street at Milwaukee; lowess, lowess smoothing curve from 5 minute discharge data within a seiche-affected river channel; Lachno2, Lachnospiraceae human marker]

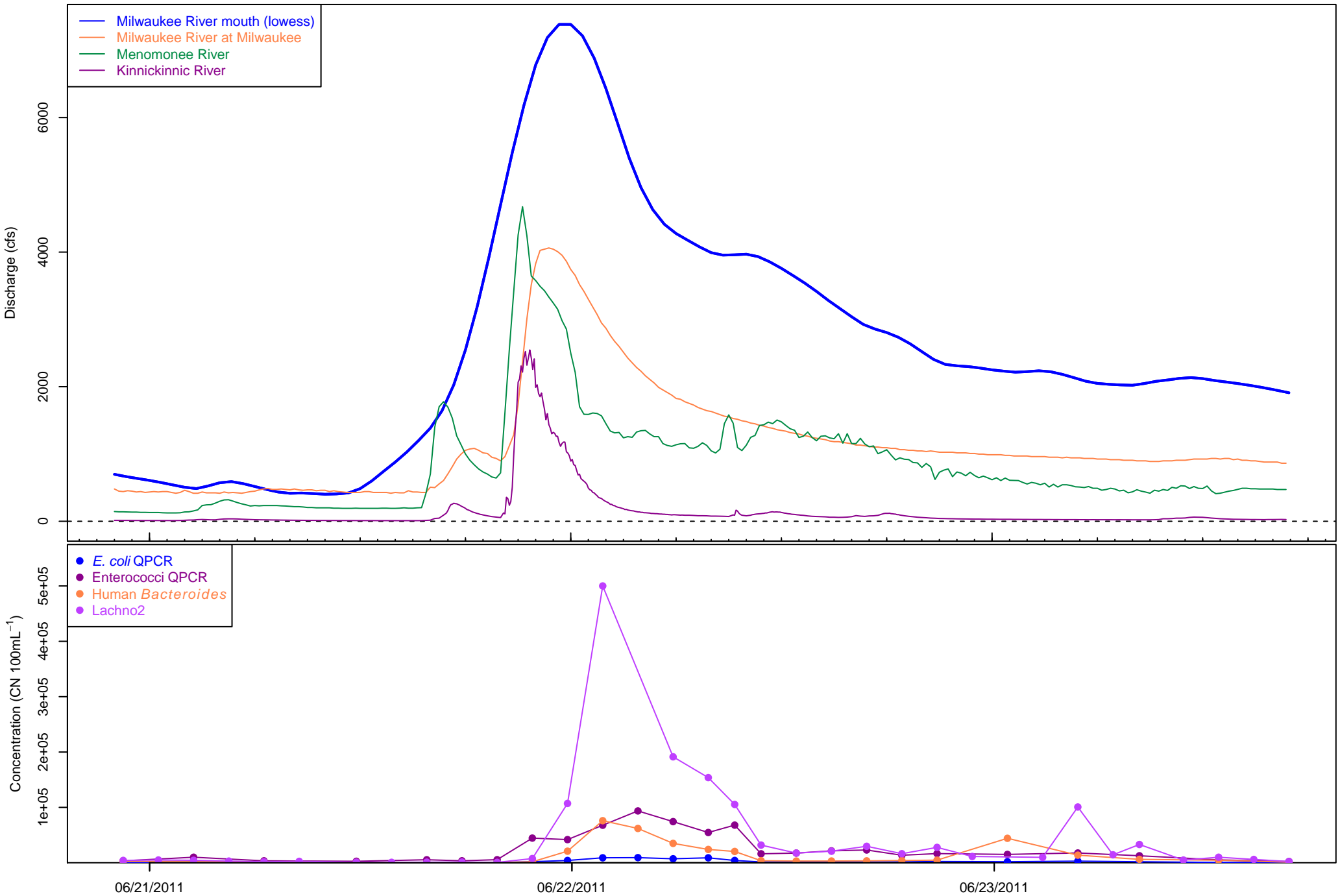


Figure S23. Fecal indicator bacteria at Milwaukee River at the Mouth and stream discharge at four Milwaukee River Watershed sites. [Menomonee River, Menomonee River at Wauwatosa; Kinnickinnic River, Kinnickinnic River at S. 11th Street at Milwaukee; lowess, lowess smoothing curve from 5 minute discharge data within a seiche–effected river channel; Lachno2, Lachnospiraceae human marker; Ruminant, *Bacteroides* Ruminant marker].

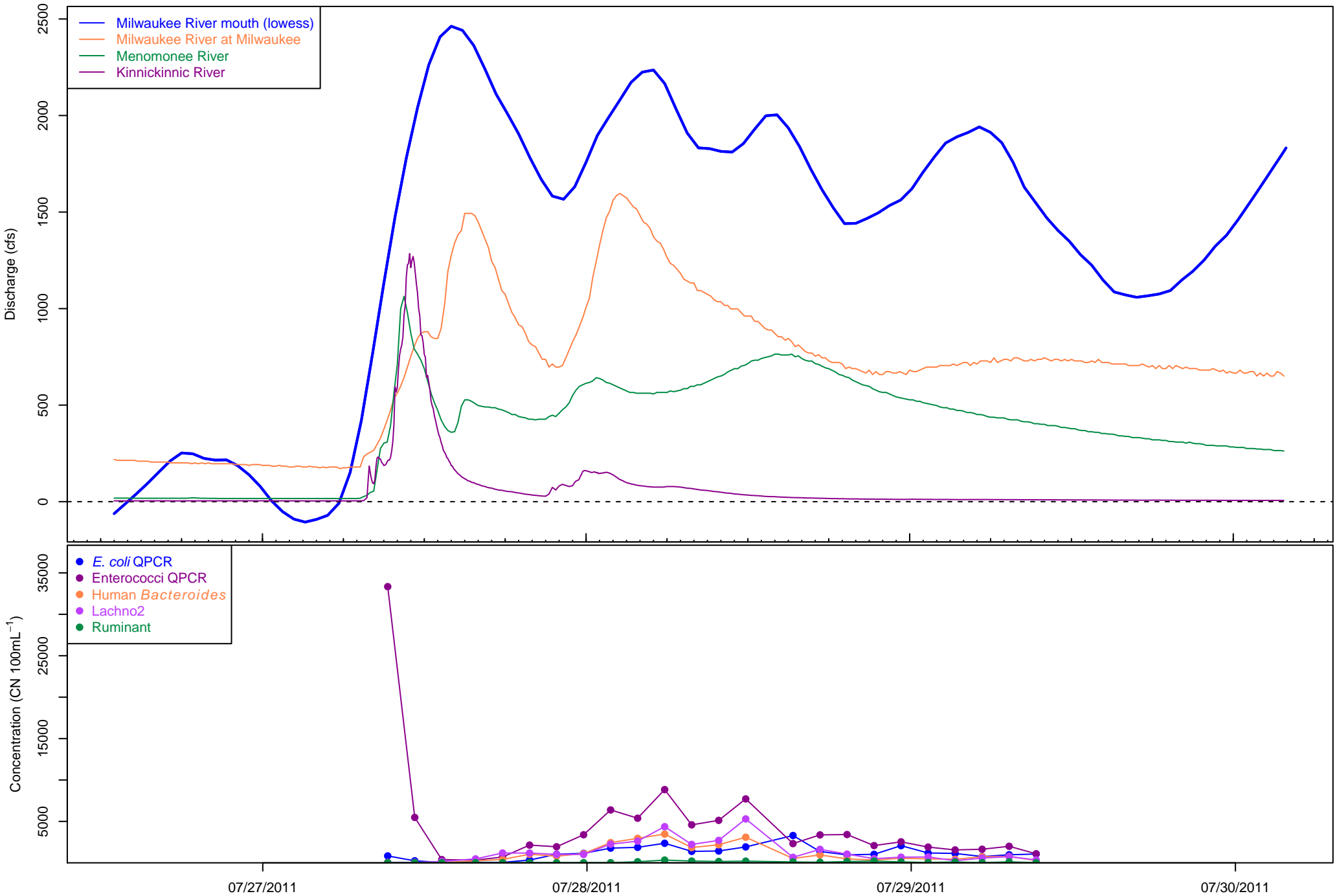


Figure S24. Fecal indicator bacteria at Milwaukee River at the Mouth and stream discharge at four Milwaukee River Watershed sites. [Menomonee River, Menomonee River at Wauwatosa; Kinnickinnic River, Kinnickinnic River at S. 11th Street at Milwaukee; lowess, lowess smoothing curve from 5 minute discharge data within a seiche–effected river channel; Lachno2, Lachnospiraceae human marker]

