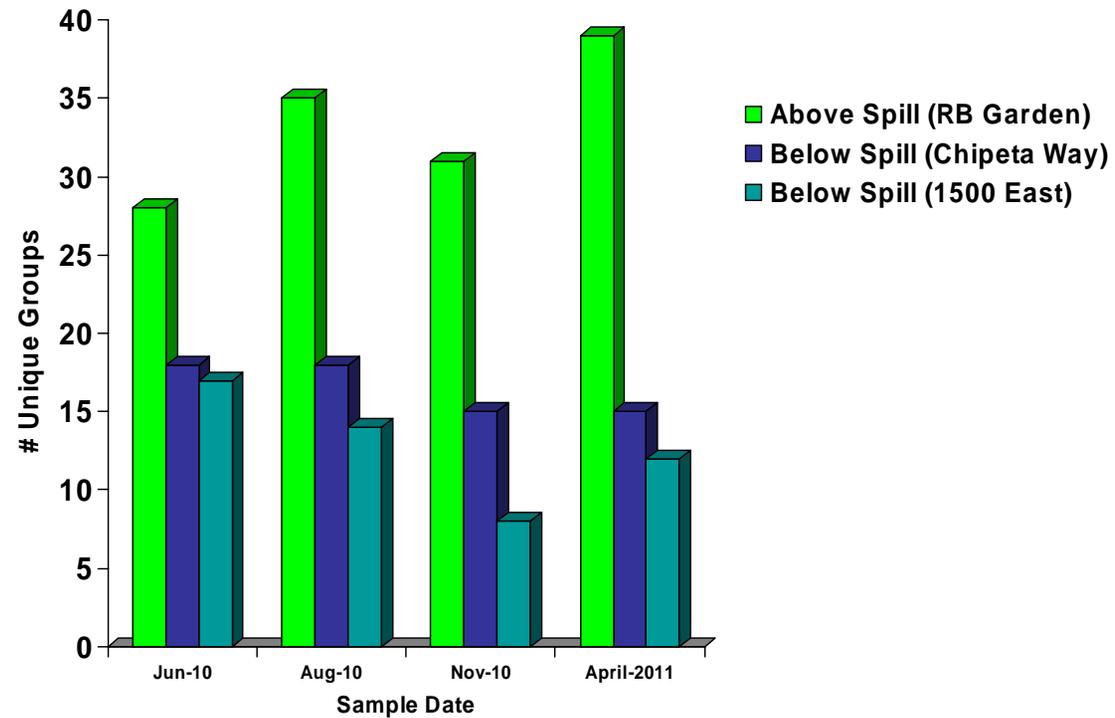
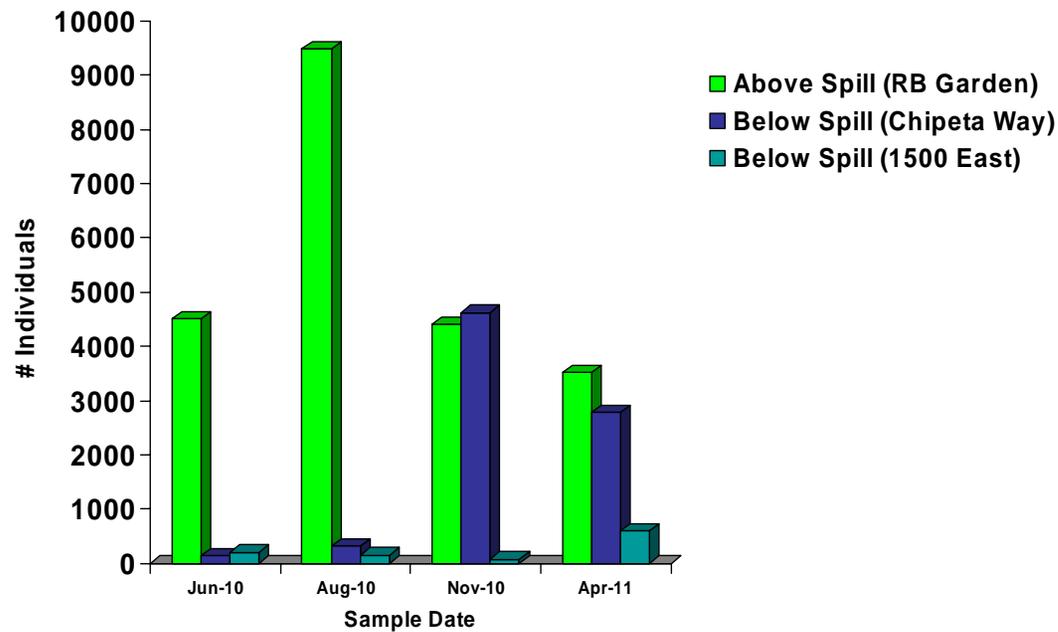


Unique Groups



We refer to this measure as total taxa richness: how many different kinds of organisms are present. It's a good metric to compare broad community structure; however, it lacks the ability to describe pollutant-intolerant taxa replaced by pollution-tolerant. Although we'd expect some diversity reduction from upstream to downstream due to some "urban-effect," the degree it appears in RBC is beyond that effect; certainly, when one site is located only 500 yards downstream.

Number of Aquatic Organisms



This measure is broadly tallying how many aquatic organisms were captured. Note the improvement in the Chipeta Way site since November 2010 but the 1500 E (Miller Park) location continues to be very reduced. Bear in mind that the individuals counted in the Chipeta Way location consist of three organisms (a mayfly, blackfly, and midge) which comprise 97% of that sample. In other words, this location is improving in overall numbers, however the diversity in the community is quite homogenous.