

Total and Dissolved Metals in the Plume



How did the plume of the Gold King Mine Spill change as it moved downstream?

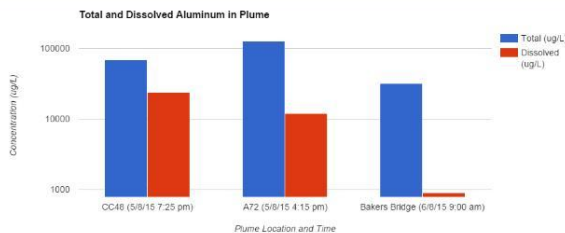
Total and Dissolved Metals

The total metals within a water sample is the amount of the metal both as a sediment and dissolved. The dissolved metals is the amount of the metal in solution.

Why It's Important

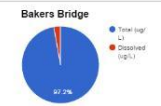
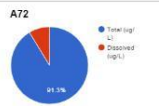
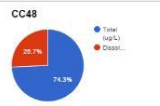
Finding the amount of dissolved metals within the total metals of the plume shows us that the metals overall decreased as they went downstream and the dissolved metals decreased in comparison to the total metals.

Total and Dissolved Aluminum

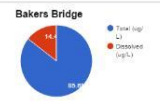
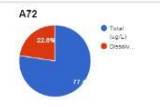
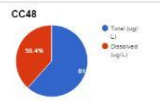
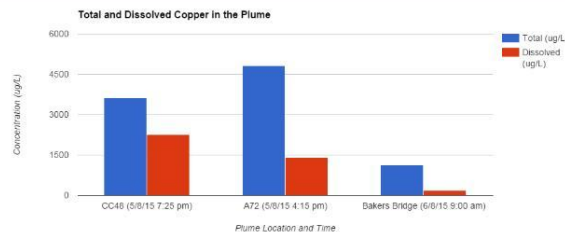


At a Glance

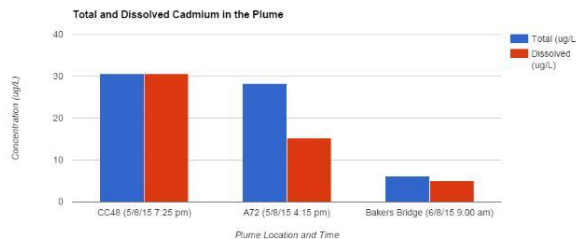
The dissolved aluminum within the total aluminum decreased as the plume went downstream



Total and Dissolved Copper



Total and Dissolved Cadmium



Against the Flow

Unlike the other two metals, the concentration of dissolved cadmium decreased but then increased again at Bakers Bridge.

