Characterization of Field Leachates at Coal Combustion Product Management Sites

Arsenic, Selenium, Chromium, and Mercury Speciation

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Comparison of Speciation to Site and Plant Attributes

For ash leachate samples with greater than 80 percent species recovery (20 samples), the percentage of Cr(III) ranged from 0 to 100 percent, with a median of 2 percent and the range of Cr(VI) was 0 to 100 percent with a median of 98 percent. For FGD leachate (3 samples), Cr(III) ranged from 0 to 3 percent with a median of 0 percent and Cr(VI) ranged from 97 to 100 percent with a median of 100 percent (Figure 5-8).

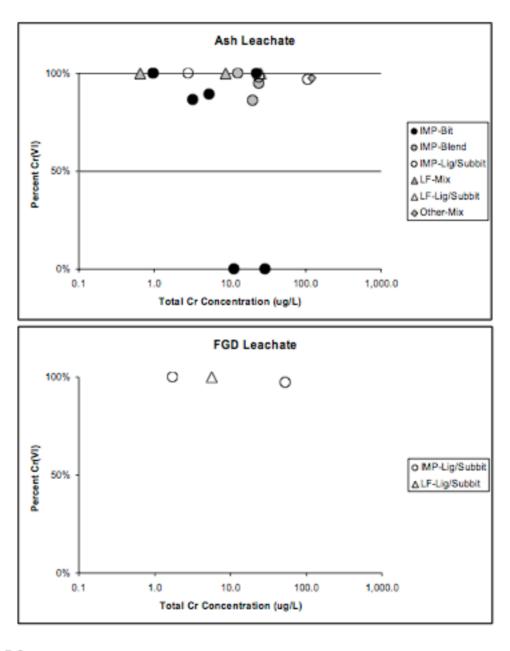


Figure 5-8 Percent Cr(VI) versus Total Cr Concentration



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