



**Figure 3.**  $\text{Log}_{10}$  of total coliform, fecal coliform, and Enterococci concentration (mpn / 100 ml) are plotted versus time and distance alongshore. The data set subsampled to no more than daily values, was used. Black x's indicate the day and location of each sample. AB411 single sample standards are indicated on the colorbars. Note the scale differences on the colorbars. Data is contoured with PlotPlus on a 180 x 13 grid (time and distance, respectively) using cay=5 and nrng=2. The cay value determines the interpolation scheme. Cay=0 means Laplacian interpolation is used. As cay is increased, spline interpolation predominates over Laplacian. For pure spline interpolation cay=infinity. Grid points are set to "undefined", and not used, if farther than nrng away from the nearest data point.