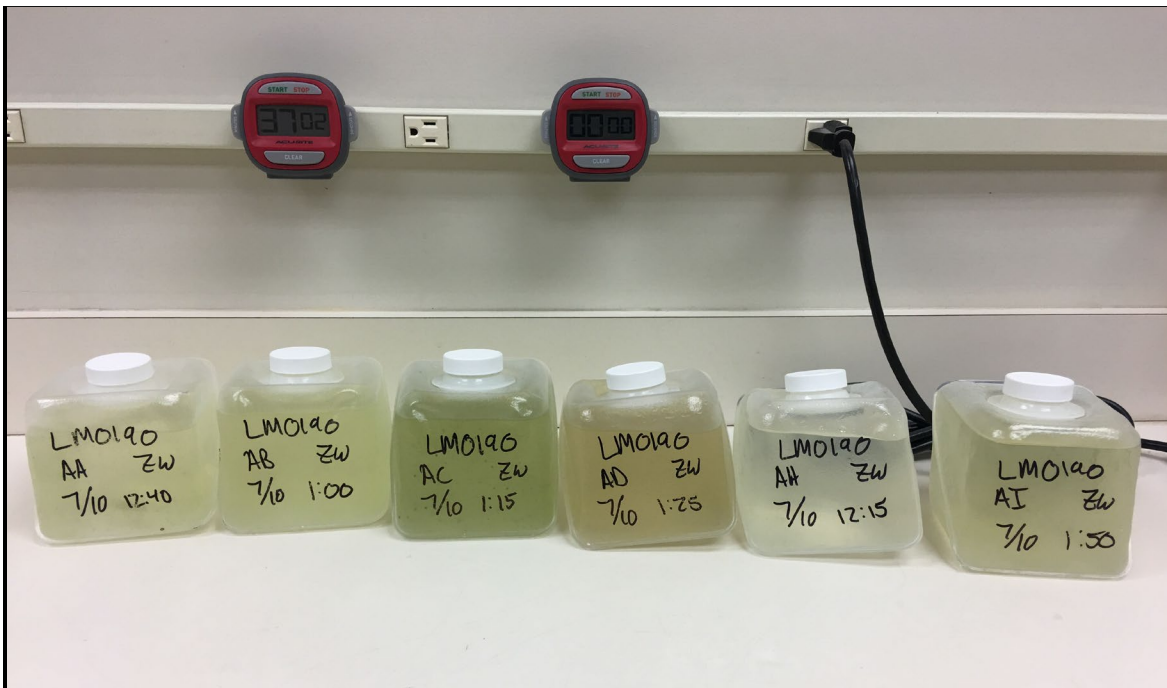


APPENDIX I

Taxonomic Analysis Priority



In each picture shown above, the samples were from different sampling locations in one lake. In this instance, KDHE will test all samples for their levels of microcystin. In cases of limited resources, KDHE may choose the sample with the appearance of the highest level of blue-green algae for taxonomic (cell count) analysis. If it is difficult to tell visually which sample has the most blue-green algae, KDHE will use best professional judgement to determine which sample is likely to have the most negative impact on human health. Data informing this decision could be the importance of the location for human health, wind conditions during sampling, reporting from the field, photographic evidence, jar test results, or previous analysis results. In the event that resources are limited, an initial toxin analysis can preclude

taxonomic analysis (i.e. in the event that two consecutive toxin tests are necessary to downgrade an advisory from a “Warning” to a “Watch,” a toxin test alone can be performed.)