Appendix D: Aerobic and Anaerobic Leaching Tests

This appendix contains the entire data set for the aerobic and anaerobic testing. Testing was performed for the potential components of the final media mix as described in Section 3. The data points labeled as sorption is the initial loading of the media. The exposure data points are the loadings on the media after the media has been exposed to unspiked stormwater for a minimum of three weeks. The data in these graphs have been normalized by dividing the water constituent concentration in both sorption and exposure by the post-sorption water concentration and by dividing by the mass of the media. The initial loading on the media also is given on each figure as mg constituent/g media. Initial loadings that are less than zero indicate that the media released that constituent rather than removing it from the water. Decreases in concentration after exposure (Cexp/Co < 1) indicate that pollutant retention during quiescent times is not likely to occur, and the constituent(s) will likely be washed out during the first flush. Increases in concentration after exposure (Cexp/Co > 1) indicate that additional pollutant retention capacity was available.
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