This document provides information on the data included within each of the post-processed manuscript files.

* Figure1\_Shapefiles.zip
  + Zip file containing relevant GIS shapefiles included in the Figure 1 sitemap.
* Figures2through5\_Table1\_timeseries\_boxplots
  + Multiple worksheets containing timeseries output used to generate table 1 as well as figures 2 through 6. Includes raw observational data from continuous monitoring stations and hourly model output at the same locations. Also includes worksheets for benthic flux and water column production/respiration experiments as well as raw USGS discharge timeseries data. Numerous parameters are presented with their respective units included in each worksheet.
* Figure6\_Colormap
  + Raw observational data from multiple depths at EPA05, including surface and bottom dissolved oxygen (mg L-1) measured by EPA as well as mid-depth dissolved oxygen measured by NERRS (. This file also includes cell bottom depths and dissolved oxygen concentrations for all sigma layers in CGEM.
* Figure7\_CDF
  + Raw observational data included in the cumulative distribution calculations for the NERRS and EPA observation datasets (dissolved oxygen [mg L-1]) as well as all sigma layers of CGEM at site EPA05.
* Figure8\_CumulativeDOexposure
  + Worksheet contains bottom layer output from CGEM with a cumulative count of hours of exposure below select DO thresholds. Data are output at sites EPA01, EPA05, and EPA08.
* Figure9\_DOexposure
  + Mean daily exposure (hours) below select dissolved oxygen thresholds (mg L-1) extracted for each month from NERRS mid-depth observational data and CGEM bottom layer data at station EPA05/WKBMB.