

**Notes from Data Analysis Discussion
Science Committee Meeting
6-10-15**

Questions Pertaining to the Data

1. What biological and water quality data has been collected in the same way throughout the 15 years?
 - a. Species
 - b. System
 - c. Years
 - d. Frequency or consistency (once a year, twice a year... etc.)
 - e. Methods of collection (drop-net... etc.)
 - f. Triggers
 - g. Sampling Area (reaches... etc.)
 - h. Springflows (variability of Flow Split)
 - i. Size class (age, length...etc.)
2. What data collection methodologies, frequency, and routines have changed since the inception of the Biological and Water Quality Monitoring Programs? (e.g., “We started doing “X” method on “date” and changed to “Y” method, because of “*reason for change*” on “date.”)
3. What is the frequency of the low-flow and high-flow Critical Period data, and how can this data be interspersed (timing, flow, etc.) with normal data for analysis?

Questions Pertaining to the Analysis of Data

1. Find the “backbone” data and build on it.
2. What are the dependent and independent factors affecting the population density of all Covered Species in both systems?
3. What are the influences that affect fountain darter population density per habitat type?
4. Do observed temperatures present in the data from the drought match the model developed by Dr. Hardy that was used to put together the EAHCP Biological Goals and Objectives?
5. Use the data collected to evaluate, verify, or modify the “appendices” the RIP used to create the HCP?
6. Use the data collected to evaluate the effectiveness of Conservation Measures paid for by the HCP?