Selenium Fish Tissue Plans & BAS Report Submittals
BAS Annual Monitoring Submittals

- Submit via ESS
- Do not need to e-mail or submit hard copy
- Submittal date logged
- Report tracked
- Copies sent to all required WVDEP personnel
Selenium Chronic Aquatic Life Implementation Guidance Document

- Selenium water quality samples at study site
  - 6 months bimonthly at new sites (minimum)
  - 12 months bimonthly at established instream stations (minimum)
  - 24 months maximum from fish tissue collection date

- Mature fish present
  - 3-5 individuals per species
  - 2 most abundant minnow species (blacknose dace, creek chub, stoneroller)
  - Sunfish species if present
  - If only one species, 2 composites of 3-5 individuals each

- As close as practicable to outlets being studied
Selenium Fish Tissue Study Plan

• Submit to Kevin Seagle
• Review, Comment, Approve
  • Appropriate station location and instream selenium exposure
  • Approved lab (REIC or Pace currently)
  • Water quality sites identified and appropriate
  • Map (fish, water, outlet) and pictures (proposed fish site)
• Conduct Study
  • Adhere to stated timeframe, be aware of flow changes
• Review Results
• Submit required data (guidance), approved study plan, and water column calculations
Potential Pitfalls

• Low instream selenium concentrations
• Combining drainages
• Lack of assessable fish prior to large stream/river
• High selenium in individual fish
• Existing treatment structures