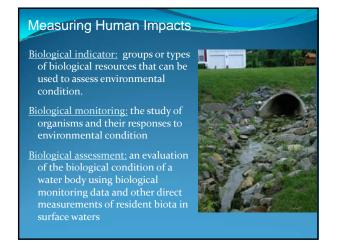


Changes to Water Quality Temperature pH (acidity) Dissolved Oxygen BOD (biological oxygen demand) Nutrients (nitrogen, phosphorus) Turbidity (cloudiness) Pathogens (bacteria, virus) Heavy metals Petroleum based compounds

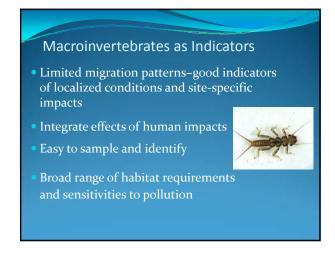


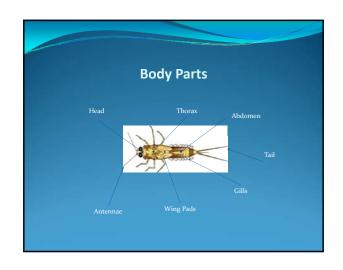


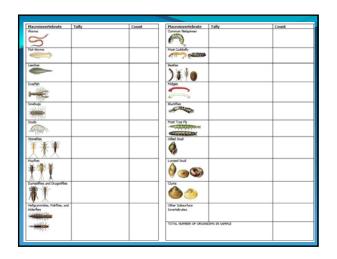


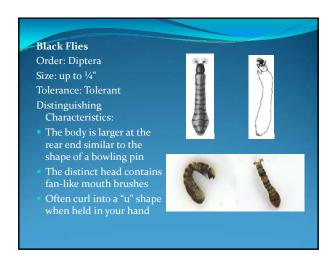
Why are they good indicators?

Spend up to one year in the stream
Have little mobility
Generally abundant
Primary food source for many fish
Wide variety of tolerances to
pollution

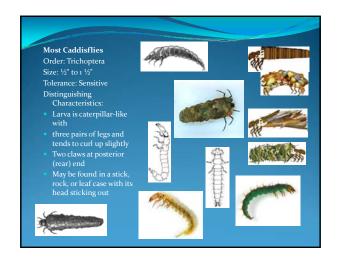


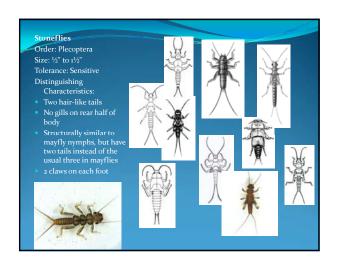


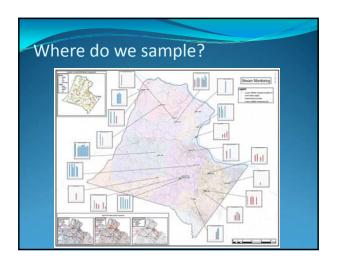














Participation Roles Coordinator Mostly work with LWC Board and attend monthly meetings. Scheduler – keep up the calendar and "nudge" certified leaders to schedule monitoring events, festival and event management Data Manager – Accept field sheets, compile data to excel, post on web site and submit to VA SOS (I'll probably take this one) Equipment Manager – Maintain inventory of equipment, verify assignment of equipment, replenish and establish budget for future kits Communications – Maintain list of interested parties, prepare email communications, update the brochure as necessary



