**Water Budget Screening Work Plan**

Water budget screening for identification of critical water planning areas
March 2007-June 2008

**Where we are**
- We've completed two pilot screenings: Codorus Creek and Wissahickon.
- From the pilots we have confirmed a screening process and working on a draft report template.

**Where we want to be**
- **short term**
  - By end of August 2007, we are aiming to have at least 22 watersheds screened at an existing conditions level – Inclusion in Initial Plan
  - **5 months**

  - March 07  
  - August 07

- **long term**
  - By end of June 2009, complete screening on additional priority watersheds at existing conditions and projected demand levels as funding permits.
  - **22 months**

  - August 07  
  - June 09

**Work Plan Elements**
- **Who** - team effort of DEP, USGS, DRBC, SRBC and ICPRB.
- **What** - Screening of 4 watersheds in each of 5 basins with two in Great Lakes
- **When** - Work will begin this month
- **How** - DRBC does screening in Delaware, ICPRB does Potomac, USGS does Ohio and Great Lakes, DEP project managers and performs initial projection work.

**Initial Screenings**
- Selection of 22 watersheds based on:
  - List of potential stressed areas (2004)
  - Preliminary runs of the budget tool
  - Input from river basin commissions
  - Input from regional offices/DEP reps on the regional committees
  - Input from USGS
Other watershed work
- Wissahickon Creek - CZM grant
- Laurel Hill - Growing Greener grant

Initial Screenings - Delaware
- Jordan Creek (Lehigh County)
- Unami Creek (Tributary to Perkiomen Creek)
- Maiden/Sacony Creeks (Bucks and Lehigh Counties)
- Brodhead Creek (Monroe County)

Initial Screenings - Upper/Middle Susquehanna
- Mosquito Creek (Centre County)
- Wapwallopen Creek (Big and Little) Luzerne County
- Toby Creek (Luzerne County)

Initial Screening - Lower Susquehanna
- Plumb/Halter Creeks (Roaring Spring Area of Blair County)
- Conewago Creek (d.s. of Bermudian Creek - Adams and York Counties)
- Swatara Creek (d.s. of Little Swatara (Lebanon and Berks Counties)
- Spring Creek (Hershey Area Dauphin County)
Initial Screenings - Potomac
- Antietam Creek (Franklin Co.)
- Marsh Creek (Adams Co.)
- Toms, Middle Creeks (Adams Co.)
- Rock/Alloway/Piney Creeks (Adams Co.)

Initial Screenings - Great Lakes
- Elk Creek
- Walnut Creek (Erie County)

Initial Screenings - Ohio
- Buffalo Creek (Butler/Armstrong Counties)
- Raccoon Creek (Washington/Beaver Counties)
- Loyalhanna Creek (Westmoreland Co.)
- Blacklick Creek (Indiana/Cambria Counties)
DEP Responsibilities

- Project management
- Taking lead in demand projections
- Reviewers of draft reports
- Providing state-wide analyses
- Provide recommendations to initiate CARP designation process as per guidelines

Deliverables

- Professional level reports for web posting describing:
  - Basin descriptions
  - Water budgeting accounting & balancing-demand and supply sides
  - Results of screening tool and discussions on water availability
  - Presentation of stressed areas
  - Graphs, tables etc.
  - GIS maps

Potential Work Beyond August 07

- Continue baseline screenings
- Initiate demand projection screenings
- Analyze yield of public water supplies
- Evaluate water quality issues
- Research on in-stream flow needs
- Integrate water resource planning