

# Storm Water Update

South River Science Team Meeting  
October 18, 2005

# Current Status

- Phase II
  - Base Flow Sampling
    - 3 rounds completed in Dec. 2004
  - Sediment and Water Quality Survey
    - Phase I completed in November 2004
  - Storm Sampling
    - 1st storm event sampled in June, 05
    - 2nd Event - not yet completed – hoping for appropriate storm in Oct / Nov

# Future Activities

- Phase III Storm Sampling Program
  - support TMDL efforts
  - primary outfalls (similar to Phase II)
  - monthly baseflow sampling
    - initial grab + 24 hr composite
    - Hg and meHg (total and diss)
    - TSS
    - flow
  - quarterly storm event sampling
    - first-flush + flow-weighted composite
    - Hg and meHg (total and diss)
    - TSS
    - flow
  - start in Oct 05 continue for 18 to 24 months

# Future Activities

- Sewer Investigation Project
  - Phase I - Base-mapping and Data Acquisition – in progress
    - GIS mapping project
    - confirmation of existing information
    - scope for phase II
  - Phase II - Drainage Characterization and Prioritization – Q1-Q2 2006
    - sewer sampling - sediment and water
    - sewer flow mapping
  - Phase III - Alternatives Analysis – Q3 2006
    - detailed remedial alternatives analysis