

Storm Water Update

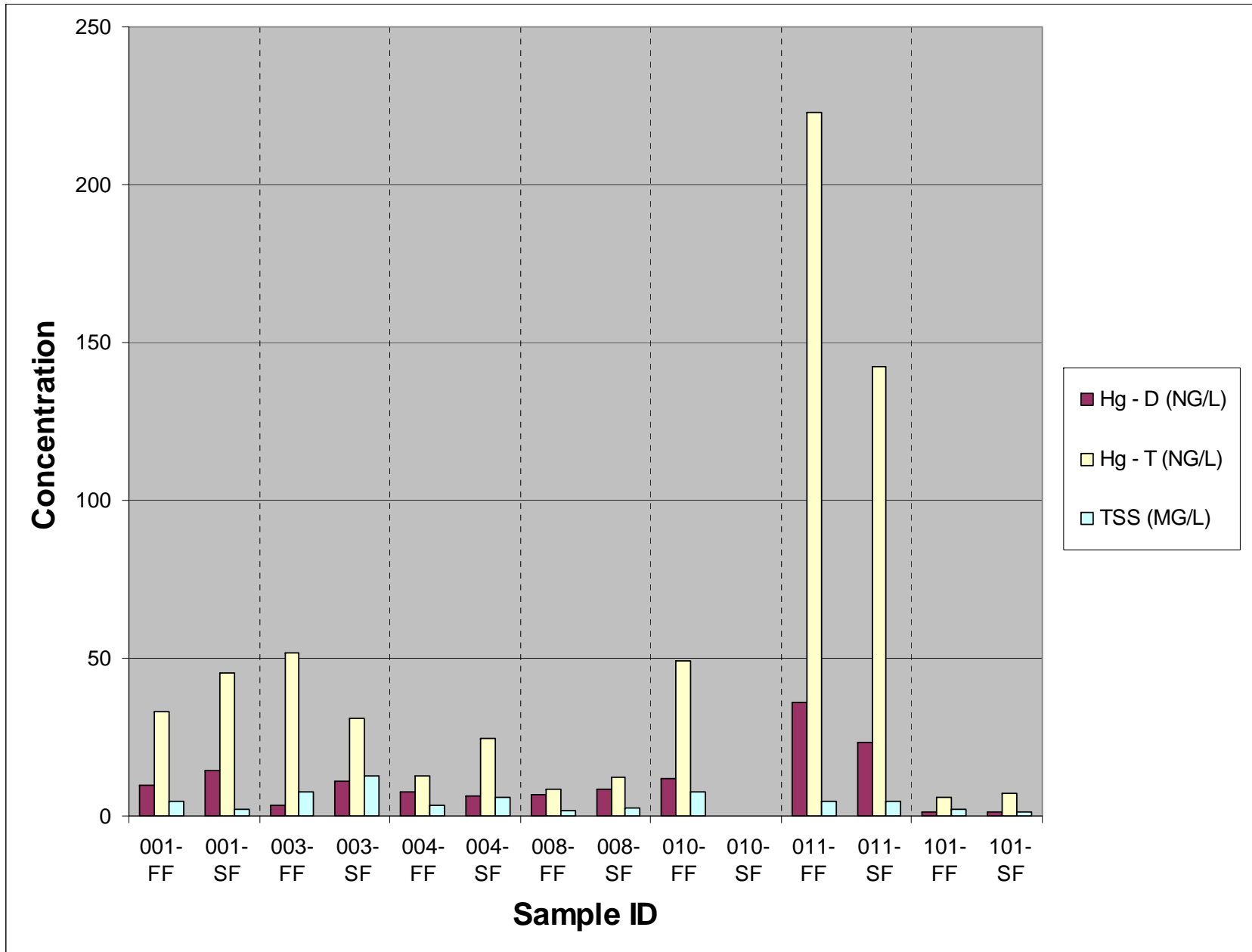
South River Science Team Meeting
August 9, 2005

M P Sherrier

Current Status

- Phase II
 - Base Flow Sampling
 - 3 rounds completed in 2004
 - Sediment and Water Quality Survey
 - Phase I completed in November 2004
 - Storm Sampling
 - 1st Storm Event Sampled in June
 - 2nd Event - not yet completed due to equipment problems

Storm Event Results



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 Sept 05 continue for 18 to 24 months

Future Activities

- Sewer Investigation Project
 - Sewer Action Plan
 - Sewer investigation program
 - Phase I - Base-mapping and Data Acquisition
 - GIS mapping project
 - confirmation of existing information
 - scope for phase II
 - Phase II - Drainage Characterization and Prioritization
 - sewer sampling - sediment and water
 - sewer flow mapping
 - Phase III - Alternative Analysis
 - detailed remedial alternatives analysis