

PLA QUESTIONS SUMMARIZED:

WATERSHED MODEL (HSPF) QUESTIONS:

1. Rank the biggest source contributor to the smallest source contributor to the river by type.
2. What is the contribution from groundwater?
3. What is the contribution from air deposition and can it alone cause recontamination above the RAL?

RECEIVING WATER MODEL (EFDC OR SSM) QUESTIONS:

1. For the loading to water column, how much are contributed by each source? (Stormwater, CSO, groundwater, air deposition and etc..)
2. For the loading to water column, how much will be reduced by sediment clean up?
3. What effect will cleaning up the upper 2 miles (RM 3-5) have on RM 2-3? Inversely, will the contaminated sediment potentially re-contaminate the upstream portion of the river due to tidal reversal?
4. After cleanup, for the cleaned up area, what are the load contributions from the adjoining sediment and lateral loads?
5. If the upstream sediment loading is half of what originally assumed, what will be the effect on the natural recovery area?

LINKED WATERSHED AND RECEIVING WATER MODEL QUESTIONS:

1. Baseline Scenario (Source Assessment)
2. Management Scenario
 - a. Planned actions

Based on existing permits and cleanup actions, without any further management actions, can we achieve water/sediment/fish tissues quality standards?

- i. If the answer is yes, we can be confident that the existing permitting and clean-up strategies are sufficient to meet the standards.
 - ii. If the answer is no, then we will run additional sensitivity analyses in order to prioritize the next source control actions.
- b. Sensitivity analysis