

CLARIFICATION**PSDDA REQUIREMENT TO COLLECT AND REPORT AMPHIPOD REBURIAL DATA**

Prepared by David Fox (Corps of Engineers) for the PSDDA agencies.

PROBLEM IDENTIFICATION

The PSDDA program interprets the amphipod bioassay based on the mortality observed after 10 days exposure to the test sediment, and does not utilize the reburial data.

INTRODUCTION

The revised PSEP amphipod bioassay protocol which is soon to be released specifies a dual endpoint of mortality and the number of amphipods failing to rebury after 1 hour. The current PSDDA interpretation of the amphipod test does not utilize the amphipod reburial data, nor does it require collection and reporting.

PROPOSED CLARIFICATION

The PSDDA agencies will require the collection and reporting of amphipod reburial data. This requirement will be revisited during the ongoing technical review of the PSDDA biological testing requirements. In the meantime, PSDDA will require the collection and reporting of amphipod reburial data in order to be consistent with the 1991 revision of the PSEP protocols for bioassays.