

John Mitchell
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From: D. Triam
To: J. Mitchell
Date: 9-20-95
Re: Site 2 Special Study

The Tier 1 team wants the technical committee to come to a consensus on the objectives and methods to be used for the Site 2 Bioassay study. Listed below are the conclusions I 'think' we have agreed upon, but at the present we all need to finalize the approach to make it official. Look over this information and if you have questions give me a call, if not sign your name as an indication that, as a committee member, you concur with the stated approach. The tier 1 team will use these to approve the approach and thus allow Navy to allocate the monies.

1. conduct bioassay tests on two separate species for each sediment sampling location selected. The two tests to be used will be 7-day chronic screening tests for *Mysidopsis bahia* and *Cyprinodon variegatus*. The tests will be on bulk sediment only with no dilution or elutriate variation.

2. sample ten locations (as per the map I sent you earlier) within Site 3 proper and one location within Perdido Bay that the laboratory has used as a reference station during the EMAP sampling program for EPA (Total 11 stations). Within Site 2, location W-2 will tentatively be planned as a "clean" station relative to other locations selected (it may serve more as an on-site background).

3. in addition, I feel collection of benthic biological information at each station will provide even more information relative to the risk assessment. Thus, it is proposed that benthic samples be collected for taxonomic analyses to provide specific benthic community indices. This information will add weight to the overall assessment.

4. the use of endpoint weighting, correlation, and/or regression techniques will most likely be the approach to overall determination of risk related to site contamination. I feel as the data is produced that the methods employed will be easier to determine. But, just the weight-of-evidence for all of the tests along with analytical data may provide the answers we are looking for. Again, I would like to make use of the HIs during the risk assessment especially with the bay and bayou studies coming up, but that will be determined later.

Thanks for keeping involved in this matter. I appreciate your input.