West Coast Turn Key

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REQUEST FOR INFORMATION

RFI #12

Title: Slab over Blackwater tank

Project:	Echo Beach	**Job# CB1**	**Date:**	July 25,2022
Attn:	Ryan Alward OSA	Discipline: Struct	**From:**	Robin Surcess
CC:	☒ Eric Petit / OSA ☒ Meike Engel / ASE ☒ Mehrdad Jahangiri / ASE ☐ ☐ ☒ James Young/WCTK	Potential Impact: ☐ Schedule ☐ Cost ☒ Other. **SAFETY**	**Priority request:**	☒ **Standard 5 bus days** ☐ **High 3 bus days** ☐ **URGENT (ASAP)** **Date Required: 08/02/22**

Issue:

We intend to waterproof the blackwater tank, sides and bottom prior to installing suspended slab and do not want to expose workers to this confined space with bituminous off gassing. We would like to convert this to a composite slab with a hi profile metal deck as a clear span form that will remain in place. Can you give us an alternate design for this work.

WCTK Recommendation:

In our cursory review, it looks like a 2" x 22 guage deck will clearspan and support the wet concrete. We would recommend a galvanized coating on the deck. Please review and advise

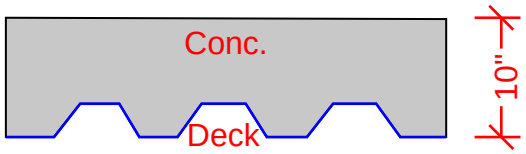
Response by:

ASE Response:

Go with a 3" deep deck (Canam P2436, 18 gauge).

For support of the deck around the perimeter of the tank, contractor can direct bear on concrete walls w/ min bearing of 1-1/2".

Total thickness of suspended slab (including steel deck) can be limited to 10" (see below for reference).



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