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NAVSTA LONG BEACH
SSIC NO. 5090.3



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August 5, 1997

Mr. Martin Hausladen, SFD-8-2
U.S. EPA Region IX
75 Hawthorne Street
San Francisco, CA 94105

WO #04900-006-008-2000
DCN: 4900-06-08-AACA

**Subject: Final Resolution of Organotin Data Validation Issues
Site 7, Long Beach Naval Shipyard**

Dear Mr. Hausladen:

The Navy's contractor, Bechtel, has requested additional clarification of WESTON's letter of 16 July 1997 describing the resolution of data validation qualifiers for the Tributyltin data validation of samples collected from Site 7, Long Beach Naval Shipyard. Issues which were raised are described below with WESTON's response and rationale for data qualification.

- A more explicit description of the reason for rejection of organotin results for sample delivery group CK3104.

All undetected organotin results were rejected because the 14 day holding time was exceeded by two times or more, in this case the holding time was 29 or 46 days, and because samples were warm (19.3°C) when received by the laboratory. Sample temperature should be 4°C.

- A more explicit description of the reason for rejection of organotin results for sample delivery group CK3122. Bechtel also indicated that three samples (26006101, 26006201, and 26005801) rejected during WESTON's review were not used in the RI because they were reanalyses of previously reported samples.

Sample results were rejected because the 14 day holding time was exceeded by more than a factor of two (samples were held 29 days except that samples 26006101, 26006201, and 26005801 were held 133 days) and because samples were warm (17.8°C) when received by the laboratory. Sample temperature should be 4°C.

If previously reported concentrations were used for samples 26006101, 26006201, and 26005801, new sample identification numbers should be assigned to the new results and documented to avoid confusion.





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- Bechtel indicated one sample (26003502) from sample delivery group CK3122, not qualified by WESTON, should have been flagged as undetected with an estimated quantitation limit (UJ) due to blank contamination.

Organotin results for sample 26003502 from sample delivery group CK3122 should have been flagged as undetected with an estimated quantitation limit (UJ) due to blank contamination.

- Bechtel indicated samples 26005802, 26006002, 26006102, and 26006302 from sample delivery group CK3148, not qualified by WESTON, should have been flagged as undetected with an estimated quantitation limit (UJ) due to blank contamination.

Organotin results for samples 26005802, 26006002, 26006102, and 26006302 from sample delivery group CK3148 should have been flagged as undetected with an estimated quantitation limit (UJ) due to blank contamination.

- A more explicit description of the reason for rejection of organotin results for sample delivery group CK3072.

All undetected organotin results were rejected because the 14 day holding time was exceeded by two times or more (samples were held 28 or 48 days) and because samples were warm (20.7°C) when received by the laboratory. Sample temperature should be 4°C.

Please contact Dr. Roger McGinnis at (206) 521-7668 if you have any questions.

Very truly yours,

ROY F. WESTON, INC.

A handwritten signature in cursive script that reads "Karla Brasaemle".

Karla Brasaemle, R.G.
Site Manager

KB/ed

cc: Roger McGinnis