

M00263.AR.000121
MCRD PARRIS ISLAND
5090.3a

EMAIL REGARDING REDUCED DATA VALIDATION FOR MASTER WORK PLAN MCRD
PARRIS ISLAND SC
8/28/1998
TETRA TECH NUS

Brown, Jason

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nt: Friday, August 28, 1998 3:09 PM
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Subject: Parris Island Data Validation.

My read on the 8/27/98 teleconference was that the reduced data validation proposed in the previous E-mail (for the individual site work plans) was OK. In the teleconference, there was a request to add text regarding when full versus limited data validation can be used. The following language is proposed for inclusion in the master work plan. Please respond by 9/8/98. If this is ok, I would like to clean up the data validation issues in one shot.

The level of data validation to be conducted is dependent on the data use. For the early stages of an environmental investigation (SI/RFA), a limited number of results are used to determine the presence or absence of contamination. Based on this determination, the sites are either considered for additional study or no action. As a result, a high degree of confidence is required for each sample and parameter.

After contamination has been confirmed at a site, subsequent data collection (RF/RFI) is used to determine the nature and extent of contamination, and risks associated with it. At this stage, a lower degree of confidence can be used for each sample and parameter, since more data is available and data patterns and trends can also be used to evaluate the quality of the data. Therefore, full data validation can be conducted on a limited data set and supplemented by a review of all data.

During subsequent phases of remediation and closeout, the need for data validation is evaluated on a case-by-case basis.