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EPA NEW ENGLAND
OFFICE OF ENVIRONMENTAL MEASUREMENT & EVALUATION
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MEMORANDUM

DATE: August 29, 2001

SUBJ: Phase II A - Comprehensive Site Assessment (CSA) Supplemental Investigation - Risk to the Environment Draft Scope of Work" dated July 2001.

QA RFA# 01270

FROM: Stephen DiMattei, QA Chemist

TO: Mike Jasinski, Remedial Project Manager

The above Draft Scope of Work was reviewed by the Quality Assurance Unit. Below are our comments.

General Comments

The figures in the document are not clearly labeled.

This Scope of Work does not include the target analyte/compound list and their respective reporting limits for tissue samples.

SOPs for field parameters such as temperature, dissolved oxygen, specific conductivity, etc. need to be included in this Scope of Work. Additional SOPs for soil and sediment sample collection as well as, tissue sample collection and processing are also missing.

Page-Specific Comments

Page 4-15, §4.3.2.2.2 The text should include the parameters to be monitored and their reporting limits. If this information is included in another section, then a reference to this section is sufficient (see also General Comments).

Page 6-3, §6.2 The rationale for the seven sediment samples (i.e. why 7 samples and why those locations?) needs to be included in the text.

Appendices C-E These appendices are missing.

Page F-2, §2.1 BL01 is used as an example of a shellfish replicate at sediment location 01. Would all shellfish replicate samples from sediment location 01 be identified as BL01?

Page F-2, §2.2 It is recommended that the text include a sentence that indicates that the acceptance criteria listed for the QC samples in this section can be found in Table A-10.

Page F-3, §2.2.6 It is recommended that the last two sentences in the text be revised to read the same as the last sentence in Section 3.2 (page F-8).

Page F-4, §2.5.1 It is recommended that an example Chain of Custody be included with this Scope of Work.

Page F-7, §3.0 Please identify the US EPA or equivalent accepted methodologies referenced in the second sentence of the text, or include the step by step procedure to used to collect samples.

Page F-7, Table A-3 The symbol in the Calibration Verification Criteria appears to be an upside down "A", while the correct symbol appears to be " \pm ". If this discrepancy is due to formatting issues (i.e. MS Word versus WordPerfect), please ignore this comment.

Page F-7, Table A-4 This Table references Tables A-3 and A-4, but it appears that the correct references are Tables A-5 and A-6. Please clarify.

Page F-10, §3.3 Summaries of method quality objectives are not included for Method 314.0, AVS/SEM, and Sediment Toxicity. Please clarify.

Pages F-10 through F-12, Tables A-7 and A-8 Acceptance criteria for the Detection Limit Check Standard must be provided. This standard documents that the analytical detection limit is within the expected range.

Pages F-13 and F-14, Tables A-9 and A-10 There are inconsistencies between these two tables. For example, Table A-9 has matrix spike recovery of 40-140% while Table A-10 has MS recovery $\pm 20\%$. Please verify the criteria that are to be used.

If you have any questions concerning this review, please call me at (617) 918-8369.