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ENGINEERS &
SCIENTISTS

261 Commercial Street P.O. Box 7050
Portland, Maine 04112
(207) 775-5401 Telex 94-4329

September 15, 1988

Dr. Leroy Folmar
USEPA/ERL
South Ferry Road
Narragansett, Rhode Island 02882

Dear Leroy:

In order to maintain consistency with current USEPA Superfund legislation and guidance, E.C. Jordan Co. (Jordan) will be evaluating the "No Action" remedial alternative for the New Bedford Harbor Feasibility Study. As part of this evaluation, a quantitative assessment of contaminant (i.e. PCBs, Cd, Cu, and Pb) transport will be conducted using the Battelle sediment-contaminant transport model. The output from the Battelle model will be used in the subsequent public health and environmental risk evaluation process.

In general, environmental fate (i.e., degradation processes) of the contaminants in New Bedford Harbor will not be addressed in the feasibility study. However, during the course of developing and screening remedial technologies, in-situ biological degradation of PCBs was considered as part of a No Action alternative. Subsequent evaluation of biodegradation by Jordan revealed that there was insufficient information/data to retain this remedial "option" for further consideration.

After having discussed this issue with Frank Ciavattieri, EPA Region I RPM for New Bedford Harbor, Jordan is requesting that EPA/ERL provide Jordan with a brief letter report summarizing the findings and conclusions regarding in-situ biodegradation of PCBs in New Bedford Harbor. This report will be incorporated by Jordan into the No Action alternative for New Bedford Harbor.

It is our understanding that EPA/ERL can provide this letter report to Jordan by mid- to late-October. If you have any questions regarding the expected content of this report or any other matters relating to this subject, please contact me.

Sincerely,

E.C. JORDAN CO.

Douglas C. Allen
New Bedford Harbor Site Manager

cc F. Ciavattieri
S. Stockinger
FILE

E.C. JORDAN CO ENGINEERS & SCIENTISTS

261 Commercial Street: P.O. Box 7050
Portland, Maine 04112
(207) 775-5401 Telex 94-4329

August 30, 1988

Dr. Leroy Folmar
USEPA/ERL
South Ferry Road
Narragansett, RI 02882

Dear Leroy:

Enclosed please find two documents:

- "Detailed Evaluation of Detoxification/Destruction Technologies for the New Bedford Harbor Feasibility Study", Final Draft, Task 21: Initial Screening Report, September 1987;
- "Detailed Analysis of Remedial Technologies for the New Bedford Harbor Feasibility Study", Final Draft, October, 1987.

These two reports comprise a substantial portion of the information/data base that is being used in the evaluation of the remedial alternatives currently being considered for New Bedford Harbor.

As you will recall, we are also conducting a bench-scale treatability program specifically for New Bedford Harbor sediments. The vendors/technologies that are involved in this program include:

Resources Conservation Co. Bellevue, Washington	Solvent Extraction (B.E.S.T. Process)
Galson Research Corp E. Syracuse, NY	Alkali Metal Dechlorination (KEPG)
Battelle Pacific NW Labs Richland, Washington	Vitrification
Radian Corp Milwaukee, Wisconsin	Advanced Biological Treatment

In addition to the work being conducted by the vendors listed above, two other treatment technologies have been or are being evaluated: USACE-WES has completed bench-scale tests on solidification of New Bedford Harbor sediments; and CF Systems (under the EPA SITE program) will be conducting a pilot-scale study of their supercritical fluid [propane] extraction process using New Bedford Harbor sediments. The CF Systems study is scheduled to begin this week at the pilot [dredging & disposal] study area in New Bedford.

If you have any questions regarding the enclosed documents, or other related matters, please contact me.

Sincerely,

E.C. JORDAN

Douglas C. Allen
Site Manager/FS Leader