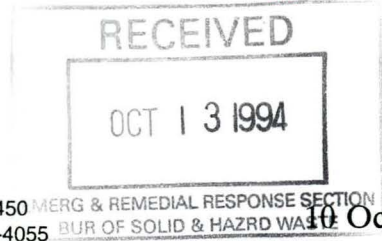


→ Tom Jarrisch-WR/Z
FYI



Roy F. Weston, Inc.
Suite 400
3 Hawthorn Parkway
Vernon Hills, Illinois 60061-1450
708-918-4000 • Fax 708-918-4055

October 1994

Mr. Russell D. Hart
Remedial Project Manager (HSRW-6J)
U.S. Environmental Protection Agency
77 West Jackson Boulevard
Chicago, Illinois 60604

Work Order No. 02687-007-002

Re: Monthly Progress Report for September 1994
Moss-American Site, Milwaukee, Wisconsin

Dear Mr. Hart:

Roy F. Weston, Inc. (WESTON®) has prepared this monthly progress report on behalf of the Settling Defendant for the Moss-American Superfund site, Kerr-McGee Chemical Corporation (KMCC). This monthly progress report has been prepared to document progress during September.

Progress During September 1994

The following summary of predesign task progress is presented for this reporting period. Predesign field investigative work and data reduction continued throughout the September reporting period. The following task-by-task progress is reported for the field and office work.

Predesign Task 1 - Evaluate Rapid-Turn Analytical Methods

WESTON conducted field testing of site soil samples utilizing the Ensys, Inc. PAH field test kits. During June, WESTON field-tested 21 soil samples from various locations of the site. During July, WESTON field-tested 20 sediment samples collected from the Little Menomonee River concurrently with Predesign Task 4. WESTON is currently preparing a Technical Memorandum that summarizes the findings of our field and laboratory testing.

Predesign Task 2 - Determine Background Concentrations of CPAHs in Downstream Tributaries

WESTON conducted a field review of background, downstream tributary sampling locations of the Little Menomonee River. On 14 July 1994, WESTON transmitted a location map and description of the proposed sampling locations for U.S. EPA review. During August, WESTON collected 51 sediment samples from various downstream tributaries of the Little Menomonee River. Samples are being analyzed for PAHs by WESTON's Laboratory in accordance with the QAPP for Predesign Task 2. At the request of WDNR through U.S. EPA, samples are also being analyzed for total organic carbon (TOC).

GOOD NEWS!





Mr. Russell D. Hart
U.S. Environmental Protection Agency

-2-

10 October 1994

Predesign Task 3 - Define Extent of Free-Product Residues

WESTON installed 21 borings and 10 free-product monitoring wells during June. During July, August, and September, WESTON continued to conduct free-product measurements and field mobility testing of free-product residues at these well locations. WESTON is currently preparing the Technical Memorandum to present the findings of this task.

Predesign Task 4 - Define Extent of Contaminated Sediment

During July, WESTON collected 117 sediment samples (including QC samples) on approximate 300-foot station intervals of the Little Menomonee River between Brown Deer Road and the confluence of the Menomonee River. Samples were sent to Lancaster Laboratories, Inc. for laboratory analysis of PAHs. WESTON is currently preparing the Technical Memorandum to present the findings of this task.

Predesign Task 5 - Define Extent of Soil Contamination

During June, WESTON installed 117 borings and collected 142 samples for laboratory analysis. Samples were sent to Lancaster Laboratories for analysis of PAHs. Based on WESTON's initial review of soils analytical data, three additional soil boring locations were sampled during August. These additional samples are being analyzed for PAHs by Lancaster Laboratories, Inc. WESTON is currently conducting data evaluations and preparing a Technical Memorandum to summarize the findings of this task.

Predesign Task 6 - Investigate Groundwater East of the Little Menomonee River

WESTON completed well development and groundwater sampling for BETX and PAHs at eight wells located northeast of the Little Menomonee River. Samples were sent to Lancaster Laboratories for analysis. During August, WESTON received data packages from the laboratory and is currently preparing data summaries. A second round of groundwater sampling was conducted during the week of 19 September 1994. WESTON is awaiting receipt of laboratory data from this sampling event.

Predesign Task 7 - Determine Extent of CPAHs in Floodplain

WESTON conducted a field review of floodplain sampling locations along the Little Menomonee River. On 14 July 1994, WESTON transmitted a location map and description of the proposed sampling locations for U.S. EPA review. During August, WESTON collected 44 floodplain soil samples for PAH analysis. Samples were analyzed by Lancaster



Mr. Russell D. Hart
U.S. Environmental Protection Agency

-3-

10 October 1994

Laboratories, Inc., and WESTON is currently preparing a Technical Memorandum to present the findings of this task.

Predesign Task 19 - Groundwater Extraction

During August, WESTON installed six additional groundwater monitoring wells on the former wood treating facility. These wells were installed to further assess groundwater conditions at the site. New and existing groundwater monitoring wells were sampled during the week of 19 September 1994. We are currently awaiting laboratory results of this sampling event.

Problems Encountered/Issues To Be Resolved

None to report.

Activities Anticipated During October 1994

KMCC and WESTON have completed predesign field investigation work activities planned for 1994, with the exception of time-interval tasks such as free-product level measurements and groundwater level measurements. Temporary field offices and facilities are being demobilized from the site. Predesign work will continue during October in the form of data reduction, evaluation, and Technical Memoranda preparations.

WESTON and KMCC have scheduled an informal meeting with U.S. EPA on 11 October 1994 to discuss the schedule and format of Technical Memoranda transmittals and other related aspects of the project.

Should further clarification of this progress report be required, please contact the undersigned at (708) 918-4000.

Very truly yours,

ROY F. WESTON, INC.


Gary J. Deigan
Principal Project Manager


Kurt S. Stimpson
Project Director

GJD:KSS/slr



Mr. Russell D. Hart
U.S. Environmental Protection Agency

-4-

10 October 1994

cc: Mr. A. Keith Watson
Kerr-McGee Chemical Corporation
Kerr-McGee Center
P.O. Box 25861
Oklahoma City, OK 73125

Mr. George B. Rice
Kerr-McGee Chemical Corporation
P.O. Box 25861
Oklahoma City, Oklahoma 73125

Mr. Richard Meserve
Covington & Burling
1201 Pennsylvania Avenue N.W.
P.O. Box 7566
Washington, D.C. 20044

Regional Counsel
Attn: Moss-American Site Coordinator (5CS)
U.S. Environmental Protection Agency
77 West Jackson Boulevard
Chicago, IL 60604

Assistant Attorney General
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044
Ref. D.J. #90-11-2-590

Section Chief (3 copies)
Environmental Response and Repair Section
Bureau of Solid and Hazardous Waste Management
Wisconsin Department of Natural Resources
101 S. Webster Street
P.O. Box 7921
Madison, WI 53707-7921



Mr. Russell D. Hart
U.S. Environmental Protection Agency

-5-

10 October 1994

cc: Mr. Jim Schmidt (2 copies)
Department of Natural Resources
Southeast District Office
P.O. Box 12436
Milwaukee, WI 53212