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6 November 1985
File No. 455-102

Mr. Edgar Kaup
NJ Department of Environmental Protection
Division of Waste Management
Hazardous Site Mitigation Administration
428 East State Street
Trenton, New Jersey 08608

Re: Combe Fill South Landfill RI/FS
Progress Report

Dear Mr. Kaup:

This letter summarizes work conducted by Lawler, Matusky & Skelly Engineers (LMS) and its subcontractors from 1 October to 31 October 1985.

A. TASK WORK AND DELIVERABLES

1. Task 1 - Reinvestigation Activities

LMS submitted all Task 1 deliverables at the end of August 1984.

2. Task 2 - Site Investigations

As requested by the NJDEP, LMS directed C. Boyer of R. E. Wright Associates, Inc. (REWAI), subcontractor to LMS, to conduct a reconnaissance of the site to determine the status of leachate flow. This reconnaissance was conducted on 9 October 1985 and determined that six of the original eight leachate sites had sufficient flow for sampling (see correspondence of 8 October 1985). Based on LMS's recommendations, the NJDEP requested that five of the leachate sites be sampled along with the East Branch of Trout Brook, which was dry at the time of the original surface water sampling (see correspondence of 11 October 1985). This additional field work was conducted on 17 October 1985.

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The site support facilities, including the trailer, port-a-john and telephone were removed on or about 18 October 1985. Soil samples and rock cores taken but not transmitted to the laboratories for analyses were placed in plastic bags, drummed and sealed and deposited on the landfill. The submersible pumps pulled from DW-2 and DW-4 were bagged in plastic, labeled and are temporarily being stored by R&R Construction (Russ Duryea) until a decision is made on when and how to reinstall them.

Our proposed methodology and cost estimate for refitting these pumps was submitted to the NJDEP on 23 October 1985. We are awaiting a decision by the NJDEP prior to proceeding with this extra cost item.

Approximately one-third to one-half of the analytical data has been received from the laboratories. LMS provides full QA/QC of these reports prior to their transmittal to the NJDEP. As of 25 October 1985, 44 analytical reports of site samples and QA/QC blanks have been transmitted to the NJDEP subsequent to LMS's in-house review.

Interpretation and summary of these data, which began in September, is now well under way as part of preparation of the Task 2 Draft Report.

3. Task 3 - Selection of Remedial Response Objectives and Identification of Alternatives

Oral concurrence has been received from the NJDEP to proceed with a revised work scope for this task as described in our September 1985 progress report. A meeting with the NJDEP to accomplish the goals of this task has been tentatively scheduled for late November (i.e., after all the analytical data have been received from the laboratories). Work at LMS, on defining remedial technologies continues, in preparation for this meeting.

4. Task 4 - Laboratory and Bench Scale Treatability Studies

Laboratory analyses of site samples is continuing. It is anticipated that the final analytical reports to be received (i.e., the leachate samples of 17 October 1985) will be received by about 18 November 1985. After receipt of all analytical data, a work scope for a treatability study will be prepared if warranted by the results of the chemical analyses.

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5. Tasks 5 and 6

No work has been conducted on these tasks.

6. Task 7 - Coordination and Community Relations

LMS has maintained close coordination with various members of the NJDEP throughout the month. As requested, a complete additional set of keys for site access has been sent to E. Kaup.

B. PROJECT SCHEDULE, PROJECTED ACTIVITIES AND ANTICIPATED PROBLEMS

Based upon the date of 18 November 1985 as the date for final receipt of site data, we estimate the Task 2 Draft Report will be completed on or about 13 January 1986; a total of about eight weeks from receipt of all data. Although this is somewhat later than planned because of the late leachate sampling, the approved revisions to the approach to Task 3 will make up some of this additional time. Based on the revised work scope for Task 3, it should also be completed by mid-January, at the same time as Task 2, resulting in a savings of two-four weeks from the original schedule.

C. PERCENT COMPLETION

The percent completion of this project's tasks, based on their revised budget allocations, are as follows:

Task 1	-	100%
Task 2	-	80%
Task 3	-	30%
Task 4	-	5%
Task 5	-	0%
Task 6	-	0%
Task 7B	-	70%
Project Total	-	68%

If you have any questions, please call me.

Very truly yours,

Ruth M. Maikish

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RMM:gmk

cc: C. Boyer, REWAI
E. Kaup, NJDEP (4 copies)
C. Schultz, EPA Region II

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Lawler, Matusky & Skelly Engineers