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State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
HAZARDOUS SITE MITIGATION ADMINISTRATION
CN 028, Trenton, N.J. 08625

MARWAN M. SADAT, P.E.
DIRECTOR

JORGE H. BERKOWITZ, PH.D.
ADMINISTRATOR

MEMORANDUM

Oct 15, 1985

TO: DISTRIBUTION
FROM: EDGAR G. KAUP, SITE MANAGER, BSM
SUBJECT: Combe Fill South

Attached please find PROGRESS REPORT - SEPT. 1985
for your review, comment, information and distribution.

Your written response by Oct 30, 1985 will be appreciated
in order to receive proper consideration.

Thank you for your cooperation.

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_____ R. Predale, ~~Asst.~~ Chief, ~~BSM~~
_____ S. Santora, Asst. Chief, BEERA
_____ K. Jentis, ORS
_____ **2** **E. EVANSON**, Superfund Coordinator, DWR
[**1** **R. MYERS**, Technical Coordinator
 1 D. Toder, Project Geologist, DWR
 1 File
 1 Other
 1 Other **Chris Schultz EPA II**
 New Jersey Is An Equal Opportunity Employer
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**Lawler,
Matusky
& Skelly
Engineers**

Environmental Science & Engineering Consultants

RECEIVED BY
E. G. KAUP

OCT 15 1985

ONE BLUE HILL PLAZA, PEARL RIVER, NEW YORK 10965

(814) 735-8300

TWX: LM8E PERL 710-577-2782

JOHN P. LAWLER, P. E.
FELIX E. MATUSKY, P. E.
MICHAEL J. SKELLY, P. E.
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2 October 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 and Skelly Engineers (LMS) and its subcontractors from 1 September to 30 September 1985.

A. TASK WORK AND DELIVERABLES

1. Task 1 - Preinvestigation Activities

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

2. Task 2 - Site Investigations

During September the field work was completed, with exceptions as noted below, and is summarized in Table 1.

As of the third week in September, leachate flows had not yet sufficiently recovered to enable any possible leachate resampling. At the request of the New Jersey Department of Environmental Protection (NJDEP), LMS is maintaining at the state's expense the on-site support services including the trailer, port-a-john, and telephone until 18 October 1984. This will facilitate a resampling of the unsampled leachate (and one stream station) should site conditions enable such work. A decision to resample during this time frame must be made by the NJDEP early in October to allow for scheduling and field redeployment.

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Due to a laboratory error, as described in correspondence (dated 24 September) from R. Maikish to E. Kaup, 11 of the potable well samples had to be retaken. This was accomplished on 25 September 1985. The costs of this resampling are being borne by the responsible laboratory.

The monitoring well sampling, begun during the last week in August, was completed during the first week of September. This survey required a total of additional four field days (two sampling days) more than proposed and thus incurred additional costs for field/trip blanks, and health and safety monitoring.

The air quality sampling was conducted during the week of the 23rd of September 1985. While actual sampling took place over a three-day period, final sample site reconnaissance, equipment set-up and final cleanup required two extra field days.

Work is now underway on the draft Task 2 report, which will summarize and assess the results of these field investigations and will provide a specific statement of purpose for response at the site.

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

Selection of remedial response categories appropriate to the site is presently underway. This involves primarily a literature review and summary of available technologies which are then screened for suitability to the site.

As discussed earlier with the NJDEP, we recommend that instead of a formal Task 3 report, as called for in the work scope, a meeting of interested parties and a summary memo of conclusions reached, would be adequate to accomplish the work in this task and would also shorten the now much lengthened project completion time. Please advise us of your concurrence to proceed with such a revised work scope for Task 3.

4. Task 4 - Laboratory and Bench Scale Treatability Studies

All samples are currently being analyzed by the contract laboratories. Data has begun to be received by us and we are doing our internal QA/QC checking of this data prior to sending it to the NJDEP.

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5. Task 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 and with local citizens, town officials, and the local police (particularly in regards to the recent criminal investigation in the local area).

B. PROJECT SCHEDULE, PROJECTED ACTIVITIES AND ANTICIPATED PROBLEMS

With the completion (except for the leachate seeps and one stream sample) of the field work, an estimate of the project's budget status can now be made. Additional services, particularly health and safety monitoring, site support equipment, field/trip blanks and messenger services for sample delivery will be tabulated and compared to project savings (e.g., fewer test pit sampling days and samples, fewer monitoring well samples, etc.) to assess the status of the project's budget. Unless otherwise directed, we will remove the on-site support facilities by 18 October 1985.

The project time schedule can be somewhat shortened by proceeding, as described above, on work in Task 3. This work can be completed, for the most part, in the absence of the site sample data if the NJDEP agrees to forgo the formality of a Task 3 report.

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Mr. Edgar Kaup
NJ Department of Environmental Protection

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C. PERCENT COMPLETE

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

Task 1	-	100%
Task 2	-	70%
Task 3	-	20%
Task 4	-	5%
Task 5	-	0%
Task 6	-	0%
Task 7B	-	70%
Project Total	-	63%

If you have any questions, please call.

Very truly yours,



Ruth M. Maikish
Senior Project Manager

RMM:gmk

Attachment (1)

cc: C. Boyer, REWAI
E. Kaup (4 copies)
C. Schultz, EPA Region II
H. Lehman, U.S. Testing

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Lawler, Matusky & Skelly Engineers

TABLE 1
FIELD AND SAMPLING ACTIVITIES
in
September 1985
COMBE FILL SOUTH LANDFILL

SEPTEMBER DATE(S)	ACTIVITY	NO. FIELD DAYS	NO. SAMPLING DAYS	NO. BLANKS		NO. SITE SAMPLES	ANALYSES TO BE DONE
				FIELD	TRIP		
3-5	Monitoring Well Investigation	3	2	2	2	9	9 water: Full PP +15, +10, +15 (2 water: Gross α + β and sanitary suite, including total and fecal (coliform) (3 water: Sanitary suite, including total and fecal coliform) 2 Trip and 2 Field blanks: Org. PP
16-20	Air Quality Investi- gation	5	3	-	5	15	10 Gas for VOAS +15 (15 particulates for acids +10, base/neutrals +15, metals, cyanide, pesticides/PCBs 2 Trip blanks for gas: VOAS 3 Trip blanks for particu- lates: acids, base/ neutrals, pesticides/PCBs, metals, cyanide

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TABLE 1
(cont'd)

SEPTEMBER DATE(S)	ACTIVITY	NO. FIELD DAYS	NO. SAMPLING DAYS	NO. BLANKS		NO. SITE SAMPLES	ANALYSES TO BE DONE
				FIELD	TRIP		
25	Potable Well Inves- tigation (cost of resampling borne by Laboratory)	1	1	11	1	11	11 Water: Full PP +40 (4 Water: Gross α and β and sanitary suite includ- ing total and fecal coli- form) 1 Trip and 1 Field blank: Org. PP

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