

*Adm File* *D. Sharp*  
Daniel Becker  
TRIP REPORT

1. Purpose of Trip: To review the Hazardous Material/Hazardous Waste Management Program being carried out by the Natural Resources office at Camp Pendleton, California, and recommend changes that may need to be undertaken at Camp Lejeune.
2. Duration: 12 November 1985 to 15 November 1985.
3. Key persons contacted on trip:
  - Paul Campo - Director, Natural Resources Office
  - Larry Carlson - Office of Natural Resources Office
  - Bill Sanchet - Environmental Protection
  - Tom Zugsay - Environmental Protection
  - Mike Scott - Environmental Protection
4. Place visited: Camp Pendleton, California
5. Narrative summary - Discussed at length air pollution regulations permitting requirements; problems with disposing of contaminated soil; pollution of watershed and raw water wells; hazardous waste manifesting; handling storage of HM/HW; training requirements and inspections of generators and storage sites. Also provided was a tour of the base hazardous waste generator sites and their HW storage facility.
6. Problems encountered: There appeared to be a communication problem between the Natural Resources Office and the Defense Re-utilization and Marketing Office. No explanation was given for the lack of communication. Also, their HW storage facility appeared to be less than adequate for a number of reasons: (1) the storage areas are old ammo bunkers that are scattered throughout a canyon, this does not allow the area to be easily monitored

The first part of the report deals with the general situation of the country and the progress of the work done during the year.

The second part of the report deals with the results of the work done during the year and the progress of the work done during the year.

The third part of the report deals with the results of the work done during the year and the progress of the work done during the year.

The fourth part of the report deals with the results of the work done during the year and the progress of the work done during the year.

The fifth part of the report deals with the results of the work done during the year and the progress of the work done during the year.

The sixth part of the report deals with the results of the work done during the year and the progress of the work done during the year.

The seventh part of the report deals with the results of the work done during the year and the progress of the work done during the year.

The eighth part of the report deals with the results of the work done during the year and the progress of the work done during the year.

The ninth part of the report deals with the results of the work done during the year and the progress of the work done during the year.

The tenth part of the report deals with the results of the work done during the year and the progress of the work done during the year.

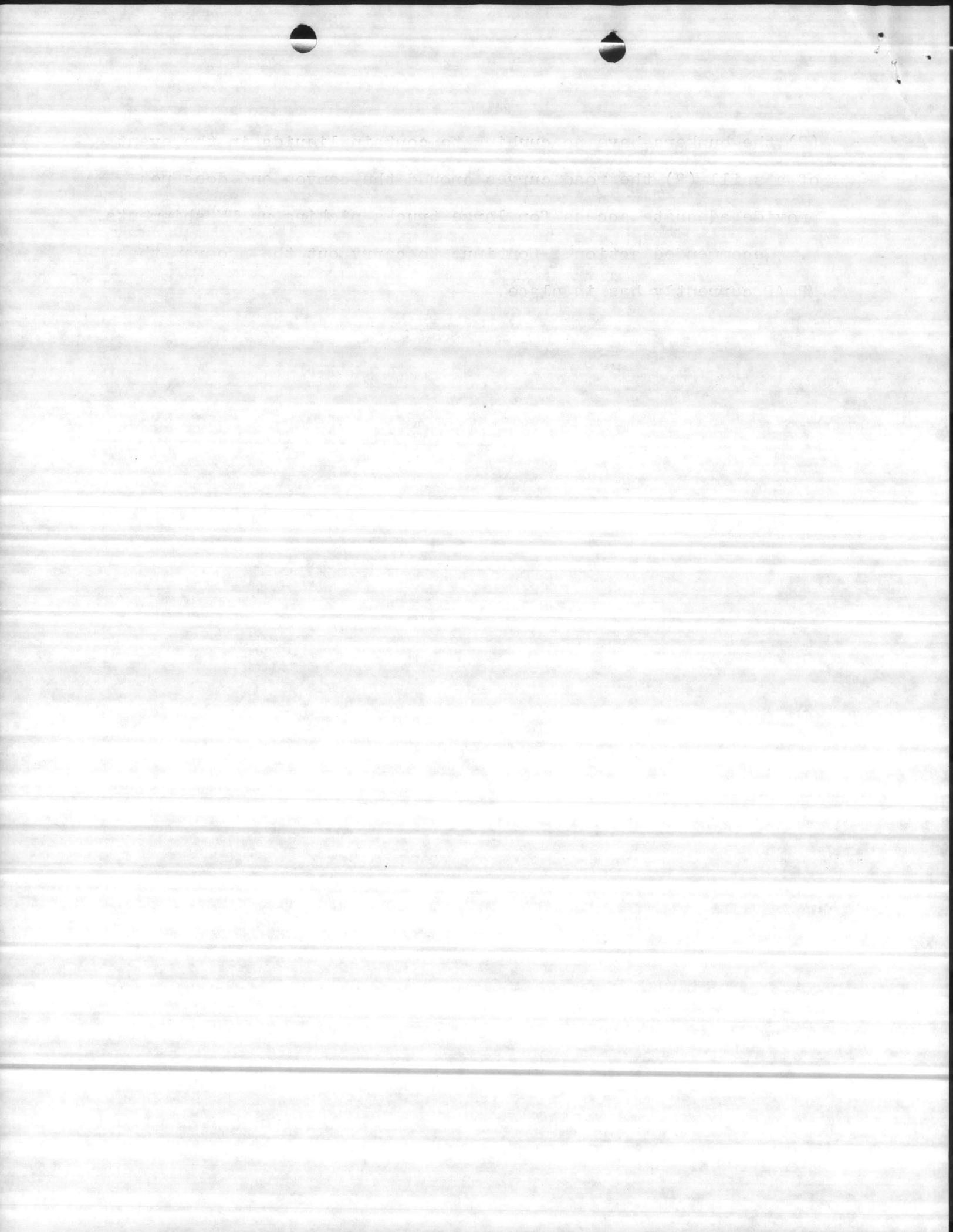
The eleventh part of the report deals with the results of the work done during the year and the progress of the work done during the year.

The twelfth part of the report deals with the results of the work done during the year and the progress of the work done during the year.

The thirteenth part of the report deals with the results of the work done during the year and the progress of the work done during the year.

(2) the bunkers have no curbing to contain liquids in the event of a spill (3) the road curves around the canyon and does not provide adequate access for large trucks picking up HW shipments.

7. Recommended action: Continue to carry out the program that NREAD currently has in place.



D. Shays

Daniel Becker  
TRIP REPORT

1. Purpose of trip: to attend the Hazardous Material Spill Course given by Texas A&M University.

2. Duration: 8 December 1985 - 14 December 1985.

3. Key persons contacted:

Mr. Charles McHugh - Senior Distribution Representative  
Chemical Emergency Response  
Shell Oil Company

Mr. Glenn Powell - Distribution Coordinator  
Badische Corporation

Lt Pat Pearson - Shreveport Police Department  
Hazardous Materials Unit

Capt David Dickinson City of Calgary Fire Department  
Hazardous Materials Officer  
Hazardous Materials Section

Mr. Joe Callaway - Texas A&M University  
Oil and Hazardous Materials Training Division

4. Place visited: Texas A&M University, College Station, Texas.

5. Narrative summary:

The course provided training in initial response, size up, and containment of hazardous material spills. The course is well divided between lectures, demonstrations and class participation in field exercises. Field exercises included: patching and plugging, self-contained breathing apparatus, encapsulating suit, containment of spill on water, leaking tanker and LP gas leak. There is also a simulated spill emergency which the class responds to and contains.

6. Problems encountered: none.

7. Recommended action: provide for the class to be attended by other personnel that may be in the position of coordinating response to a spill emergency.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions.

2. It is essential to ensure that all data is entered correctly and that any discrepancies are identified immediately.

3. The second part of the document outlines the various methods used to collect and analyze data, including surveys and interviews.

4. These methods are chosen based on the specific needs of the study and the characteristics of the population being studied.

5. The final part of the document provides a summary of the findings and discusses the implications for future research.

6. It is hoped that this document will provide a useful reference for anyone interested in the field of data analysis.

7. The author would like to thank the following individuals for their assistance and support during the course of this project.

8. Finally, it is worth noting that this document is intended to be a general overview and does not cover all aspects of the subject.

9. For more detailed information, please refer to the relevant sections of the document or contact the author directly.

10. Thank you for your attention and interest in this document.