

TRIP REPORT

11ND-GEN-5050/1 (12-65) S/N 0190-LF-029-510

INSTRUCTIONS

1. This is your official report to the office which assigned you the trip. You are requested to provide answers to the questions listed below within 5 working days of your return. Be specific and concise. Be candid in reporting observations, problems, recommendations.

- Did you make commitments - personal, unofficial, or official?
- Were classified subjects discussed? If so, what? Classify this report, if necessary.

TRAVELER (Name, Title, Grade, Code)		INCLUSIVE DATES OF TRAVEL
WALLACE EAKES, Chemist, GS-12, 112N		7 Mar - 21 Mar 1982
OTHER TRAVELERS (If report includes all information)		PURPOSE OF VISIT
IAS Team for Water and Air Research (WAR) Dr. Putnam, Dr. Sullivan, B. Adams, C. Fellows, M. Hein, J. Nichols		IAS at MCB, Camp Lejeune, and MCAS Cherry Point conducted under contract (WAR) Water and Air Research, Inc.
PLACES VISITED	DATES	PERSONS CONTACTED (Name and Position)
MCAS Cherry Pt, NC	7-14 Mar 82	MAJ GEN Kuci, CG
		COL Widner, Facilities
		Mr. Mike Depreist, Asst Facilities
		Mr. Dan Travis, Environ. Engineer
		Ms. Betsy Herbig, Environ. Coordinator
MCB Camp Lejeune, NC	14-21 Mar 82	COL Freidell, Chief of Staff

SUBJECTS DISCUSSED (Observations, Problems, Recommendations, Commitments, etc.)

COL Millice, Asst C/S - Facilities
 COL Mount, Base Maint Officer
 CDR Lachapelle, Chief Occupational Preventive Medicine Officer, NRMC
 Mr. D. Sharp, Ecologist
 Mr. J. Wooten, NREAD Director

SIGNATURE OF TRAVELER

Wallace Eakes

(Use continuation sheets if necessary)

DATE

31 Mar 1982

COPY TO: 112, 112N, 112N/WSE

11ND-GEN-5050/1 (12-65) S/N 0190-LF-029-5100

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- a. Did you make commitments – personal, unofficial, or official?
- b. Were classified subjects discussed? If so, what? Classify this report, if necessary.

TRAVELER (<i>Name, Title, Grade, Code</i>)		INCLUSIVE DATES OF TRAVEL
OTHER TRAVELERS (<i>If report includes all information</i>)		PURPOSE OF VISIT
PLACES VISITED	DATES	PERSONS CONTACTED (<i>Name and Position</i>)
SUBJECTS DISCUSSED (<i>Observations, Problems, Recommendations, Commitments, etc.</i>)		

About 30 sites were located at MCAS Cherry Point. These sites ranged from dumps, in which all liquid and solid waste generated at MCAS was dumped, to rubble dumps. The major disposal area at MCAS Cherry Point is along Slocum Creek. Visible leachate from the historical dumping area is discharging into Slocum Creek. Samples of the leachate will be collected by MCAS personnel and shipped to NEESA for analysis. The area running from Runway 14 to Runway west to Slocum Creek is the heaviest area of contamination at Cherry Point.

The exit briefing WPS held Friday morning for MGEN Kucci, MCAS Commanding General. The EFD representative could not attend the exit briefing, nor was on site during the IAS at MCAS.

(Use continuation sheets if necessary)

SIGNATURE OF TRAVELER Wallace S. Eakes	DATE 31 Mar 1982
COPY TO:	

TRAVELER	PLACE VISITED
Wallace S. Eakes	MCB Camp Lejeune and MCAS Cherry Point, NC
SUBJECTS DISCUSSED (Continued)	

Outline of Exit Briefing:

- o The IAS team enjoyed good cooperation from MCAS personnel during survey.
- o Contractors are using the former burning landfill site as a staging or material storage area. The old landfill/burning dump area has received a large quantity of hazardous waste during its operation. In order to protect the Govt. from potential liability from the contractors, MCAS may consider locating the contractor staging area to another location.
- o Since most of the hazardous materials generated at MCAS eventually ends up in Slocum Creek which also receives discharge from two STP's, I recommend that swimming or fishing in Slocum Creek be restricted. This recommendation was based upon the professional judgment of the IAS team and is a conservative view with respect to the human health aspect, i.e., danger of body contact with Slocum Creek or of eating fish from that area. Further testing of the creek will answer the safety question, but, in the light of information found during the IAS, the above recommendation was made.
- o The crash crew training area is discharging oily waste in Hancock Creek. The training area should be redesigned and upgraded to an adequate training area.
- o There is a continuous flow of oily wastes into Luke Rowe Gut from present operations. I recommend monitoring the area and eliminating the sources.
- o A Confirmation Study will be recommended for MCAS Cherry Point.
- o The preliminary IAS report should be mailed to the CG by 5 August 1982 for his command and review.
- o In October 1982, a briefing of significant findings, conclusions, and recommendations will be presented at Cherry Point.
- o The CG wants the Phase II Confirmation Study to begin. He is ready to take the necessary action to move the study along. COL Zander, I&L Division, wants a letter from NEESA about Slocum Creek. Dr. Sullivan and Dr. Putnam will be sending a letter to NEESA concerning Slocum Creek.

One notable discovery while at MCAS Cherry Point was the photo services available from the Marine Corps. The photo laboratory for FMF Atlantic has aerial photos of almost all military facilities. A group from El Toro flies the missions. I talked to a flyer from the group at El Toro who said that they could fly missions for NEESA if enough lead time could be provided. The Marines could mark off the missions to training. The contact at El Toro is:

VMFP-3, MAG-11, 3rd MAW, MCAS El Toro - A/V 952-3544/3547 for training
A/V 952-3552/3546 for S-1 or CO
A/V 952-3548 for Ready Room
Commercial prefix (714) 559-plus number

TRAVELER	PLACE VISITED
Wallace S. Eakes	MCB Camp Lejeune et al.

SUBJECTS DISCUSSED (Continued)

The group at El Toro can provide regular photos, IR photos, and other specialized aerial photography.

14-21 March 1982 - MCB Camp Lejeune IAS

About 70+ disposal sites were discovered during the MCB IAS. Most of the sites were not very significant, but minor disposal areas.

Mr. Jerry Wallmeyer, LANTDIV 114, came to MCB on 17-19 Mar to sample test wells at the rifle range chemical dump and the potable water wells at the rifle range. The CG at MCB is concerned about the chemical dump and its potential impact on the potable water wells in the area. Previous samples at the rifle range water treatment plant have shown levels of trihalomethanes (THM) to be near EPA maximum allowable concentrations.

A briefing was held on the Rifle Range water treatment plant and the chemical dump for COL Millice, the Assistant Chief of Staff for Facilities. Dr. Putnam and I attended the briefing given by Mr. Wallmeyer. I outlined the findings that the IAS team had uncovered at the Rifle Range area.

- o Rifle Range Chemical Dump operated between approximately 1955 to 1977.
- o Materials dumped in area include:

- HTH
- PCP
- TCE
- shoe impregnite
- PCB (in sealed containers)
- Canned food
- DDT
- Chlor~~o~~dane
- Chemical test kits
- maybe agents at site
- Varsol
- Mal~~A~~thion
- Lindane
- Diasion
- gas cylinders
- canvas tents

The WAR geologist believes at this point that the underground water flow is toward the river and should not enter the potable water wells at the Rifle Range. Further analysis of the area will be in the IAS report.

The Exit Briefing at MCB

The Exit Briefing was held on Tuesday, 23 March for the Chief of Staff. Summary of Exit Briefing:

- o good cooperation with MCB personnel
- o 70+ sites were discovered
- ~~o Significant sites discovered are~~

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SUBJECTS DISCUSSED (Continued)

- . Chemical landfill at Rifle Range
- . MCB fuel farm area contaminated
- . MCAS New River fuel farm area contaminated
- Geiger* . ~~Camp Benger~~ Dump contains many solvents and hazardous materials from Air Station
- . Mercury Dump at MCAS (H) New River
- . Malaria Control building (Bldg 712) is now a day care center
- . Bldg 712 was built in 1950 and used as Malaria Control Headquarters for Camp Lejeune. DDT and chloradane were used and mixed in the area. The shop area inside the building was used to store DDT and repair the spray equipment. The area outside the building was used for DDT storage and mixing. A wash pad was used to clean tanks and equipment.
- . A confirmation study will be recommended for the Rifle Range Chemical Dump.
- . The report will be forwarded to MCB on about 5 Aug 1982 for comment and review.
- . A briefing on the significant findings, conclusions, and recommendations will be held at MCB in October 1982.

The findings concerning Bldg 712, the present day care center, was a shock to all concerned. I recommend that, since this may pose a health threat to the children at the day care center, preventive medicine should be involved. CDR Lachapelle was visited by COL Mount and me, and briefed on the findings. CDR Lachapelle agreed to take air and soil samples in the area under the guise of a normal health survey. The air samples will be analysed by Norfolk and the soil samples will be mailed to NEESA for DDT analysis.

WAR contract status

- o completed IAS at MCB
- o completed IAS at MCAS
- o 19-23 April IAS at NSY Norfolk
- o 16 June 1982 Draft report for MCB, MCAS, and NSY due
- o Contract proceeding on time