

BASE MAINTENANCE DEPARTMENT

MARINE CORPS BASE

CAMP LEJEUNE, NORTH CAROLINA 28542

CLW

000003670

31 MARCH 1981

FROM: SUPERVISORY CHEMIST, QUALITY CONTROL LABORATORY, NREAD,
BMAINT DEPT.

TO: LANTNAVFACENCOM, ENVIRONMENTAL QUALITY BRANCH CODE 114

ATTN: DAVE GOODWIN/JERRY WAUMMEYER

SUBJ: ENCLOSED SAMPLES

REF: (a) LANTNAVFACENCOM 114:JGW 0280 Ltr OF 18 MAR 1981

- ENCL: (1) ~~WASTEWATER~~ WASTEWATER TREATMENT PLANT SLUDGES
CHEMICAL DUMP OF WATER
(2) ~~PCB SOIL~~ TEST WELL * POOL SAMPLES
OF WATER
(3) ENS. KALISCH'S TLZ OWL POOL SAMPLES
OIL
(4) PCB SAMPLES 701-132
(5) PCB SOIL SAMPLE

1. IN ACCORDANCE WITH REFERENCE (a) ^{THE SAMPLES IN} ENCLOSURE (1)
^{ARE} ~~BE~~ SUBMITTED FOR ANALYSIS FOR DETERMINATION OF HAZARDOUS
WASTE CHARACTERISTICS. THE CONTAINERS ^{AN} ARE QUART ^{OF THE SEVEN}
MASON JARS AND THERE ARE TWO FROM EACH PLANTS.
THE JARS WERE CLEANED AS FOLLOWS:

- | | |
|-------------------------------|--------------------------------------|
| (a) NEW GLASS MASON JARS | (H) AIR DRIED |
| (b) WASHED WITH DETERGENT | (I) HEATED @ 350°F FOR
30 MINUTES |
| (c) RINSED W/ WATER | |
| (d) RINSED W/ 1:1 NITRIC ACID | (H) COOLED |
| (e) RINSED W/ DISTILLED WATER | (H) LINED WITH
LIDS |
| (f) RINSED W/ ACETONE | ALUMINUM FOLI. |
| (g) RINSED W/ CHLOROFORM | (I) STORED ON ICE. |

~~THE SAMPLE IS~~

ONE

2. ENCLOSURE (2) CONTAINS ~~A~~ GALLON GLASS BOTTLE
AND A TWO 500ml PLASTIC BOTTLES FROM EACH
POINTS TAKEN AT THE CHEMICAL DUMP. THE GLASS
BOTTLES WERE CLEANED SAME AS THE MASON JARS,
AND THEIR CONTENTS ARE FOR DETERMINATION OF
HAZARDOUS WASTES CHARACTERISTICS. THE PLASTIC
BOTTLE SAMPLES (TWO FROM EACH POINT) ARE TREATED
WITH 1:1 NITRIC ACID FOR TRACE INORGANIC
ANALYSIS. THE SAMPLE POINTS WERE TWO OF THE
THREE TEST WELLS (TW 15 + TW 16) LOCATED AROUND THE DUMP
AND A POOL OF WATER LOCATED BELOW THE DUMP
AT THE THIRD TEST WELL, TW 17, WE WERE UNABLE
TO PUMP THE WATER OUT, THE LEVEL WAS TOO
LOW FOR OUR HAND PUMP, THEREFORE NO SAMPLE
WAS OBTAINED.

3. ENCLOSURE (3) CONTAINS A GALLON GLASS BOTTLE SAMPLE
OF THE POOL OF WATER LOCATED PASS THE CHEMICAL
DUMP BY ENS. KALISCH, ENVIRONMENTAL HEALTH OFFICER,
PREVENTIVE MEDICINE UNIT, NAVAL REGIONAL MEDICAL CENTER.
THE SAMPLE IS FOR DETERMINATION OF HAZARDOUS WASTE
CHARACTERISTICS. THE GLASS BOTTLE WAS PREPARED
SAME AS THE MASON JARS WITHOUT THE ALUMINUM
FOIL.

4. ENCLOSURE (4) ^{IS} ARE TRANSFORMER OIL SAMPLES FROM
FOR PCB ANALYSIS. SAMPLE TUBE # 704 & 725 ARE OMITTED
BECAUSE THE
DO TO THEIRS CORRESPONDING TRANSFORMERS WERE EMPTY.

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- # 449
5. ENCLOSURE (5) IS A SOIL SAMPLE FOR PCB ANALYSIS
6. PAYMENT FOR ANALYSIS ON ENCLOSURES (2)-(5) WILL BE MADE BY MARINE CORPS BASE CAMP LEBLANC.

ELIZABETH A. BETZ
SUPERVISORY CHEMIST

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