

BASE MAINTENANCE DEPARTMENT

MARINE CORPS BASE

CAMP LEJEUNE, NORTH CAROLINA 28542

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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~~ 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 701-732
(5) PCB SOIL SAMPLE

1. IN ACCORDANCE WITH REFERENCE (a) ^{THE SAMPLES IN} ENCLOSURE (1)
^{ARE} ~~IS~~ SUBMITTED FOR ~~ANALYSIS~~ 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 | (J) COOLED |
| (e) RINSED w/ DISTILLED WATER | (K) LINED WITH
LIDS |
| (f) RINSED w/ ACETONE | ALUMINUM FOLI. |
| (g) RINSED w/ CHLOROFORM | (L) STORED ON ICE. |

~~THE SAMPLE IS~~

ONE

2. ENCLOSURE (2) CONTAINS ~~A~~ ^{ONE} GALLON GLASS BOTTLE FROM EACH AND A TWO 500ml PLASTIC BOTTLES FROM ~~THE~~ SAMPLE POINTS TAKEN ~~AT~~ AT THE CHEMICAL DUMP. THE GLASS BOTTLES WERE CLEANED SAME AS THE MASON JARS, ^{W/ THE ALUMINUM FOIL} AND THEIR CONTENTS ARE FOR DETERMINATION OF HAZARDOUS WASTES CHARACTERISTICS. THE PLASTIC BOTTLE ~~SAMPLES~~ ^{SAMPLES} (TWO ~~FOR~~ ^{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 ~~TEFLON~~ ^{ALUMINUM} FOIL.

4. ENCLOSURE (4) ^{IS} ARE TRANSFORMER OIL SAMPLES ⁷⁰¹⁻⁷³² FROM FOR PCB ANALYSIS. SAMPLE TUBE # 704 & 725 ARE OMITTED BECAUSE THE ~~DO TO THEIRS~~ CORRESPONDING TRANSFORMERS WERE EMPTY.

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

ELIZABETH A. BETZ
SUPERVISORY CHEMIST

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