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Base Maintenance Department
Marine Corps Base
Camp Lejeune, North Carolina 28542

31 March 1981

From: Supervisory Chemist, Water Quality Control Laboratory, NREAD, BMaintDept,
MCB Camp Lejeune

To: LANTNAVFACENGCOCM, Environmental Quality Branch, Code 114
ATTN: Dave GOODWIN/Jerry WALLMEYER

Subj: Enclosed Samples

Ref: (a) LANTNAVFACENGCOCM 114:JGW 6280 ltr of 18 Mar 1981

Encl: (1) Wastewater Treatment Plant Sludges Samples #7-20
(2) Chemical Dump Test Well & Pool of Water Samples #1-3
(3) Ens. Kalisch's TLZ Owl Pooloff Water Sample #4
(4) Transformer Oil Samples
(5) Soil Sample

1. In accordance with Reference (a) the samples in Enclosure (1) are submitted for determination of Hazardous Waste Characteristics. The containers are quart Mason jars and there are two from each of the seven plants. The Jars were cleaned as follows:

- (a) New Glass Mason Jars
- (b) Washed with Detergent
- (c) Rinsed with Tap Water
- (d) Rinsed with 1:1 Nitric Acid
- (e) Rinsed with Distilled Water
- (f) Rinsed with Acetone
- (g) Rinsed with Chloroform
- (h) Air Dried
- (i) Heated at 350°F for 30 minutes
- (j) Cooled
- (k) Lids lined with Aluminum Foil
- (l) Stored on ice

2. Enclosure (2) contains one gallon glass Bottles and two 500ml plastic Bottles from each sample point taken at the Chemical Dump. The glass Bottles were cleaned same as the Mason jars except without the Aluminum Foil. 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 inorganic analysis. The sample points were two of the three test wells, TW 15 and TW 16, Located around the Chemical Dump and a pool of water located below the Dump. At the third test well, TW 17, we were unable to pump the water level up high enough to obtain a sample. The pool of water is surface water and is not to be composited with the test wells.

3. Enclosure (3) contains a gallon glass bottle, #4, which is a sample of the pool of water located pass the Chemical Dump by Ens. Bert Kalisch, Environmental Health Officer, Preventive Medicine Unit, Naval Regional Medical Center. The sample is for determination of Hazardous Waste Characteristics. The gallon bottle was pre-

pared same as the Mason jars except without the Aluminum Foil.

4. Enclosure (4) is transformer oil samples, #701-732, for PCB analysis. Sample tubes #704 and #725 are omitted because the corresponding Transformers were empty.

5. Enclosure (5) is a soil sample, #749, for PCB analysis.

6. Questions concerning financial arrangements contact Mr. Danny Sharpe, (919) 451-5003/2083. Questions concerning all the sample container preparation and collection of Enclosures (1)-(2) and (4)-(5) contact Ms. Elizabeth Betz, (919) 451-5977. Questions concerning Enclosure (3) contact Ens. Bert Kalisch, (919) 451-5707.

Elizabeth A. Betz
Supervisory Chemist

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Enclosure	Bottle #	Sample	Collector	Date	Time	Comments
(2)	1	Test Well 15	Betz&Luke	3-30	0938	Test Well 17 was dry
	2	Test Well 16	Betz&Luke	3-30	1002	
	3	Pool of Water Below TW 16	Luke	3-30	1112	
(3)	4	Ens. Kalisch's Pool of Water	Luke	3-30	1130	
(1)	7	Cj Bed #3	D. Antinori	3-30	0915	
	8	CJ Bed #3	" "	"	"	
	9	TT Bed #6	" "	"	0945	
	10	TT Bed #6	" "	"	"	
	11	CG Bed #4	" "	"	1015	
	12	RR Bed #2	" "	"	1045	
	13	RR Bed #2	" "	"	"	
	14	CG Bed #4	" "	"	1015	
	15	CHB BED #3	" "	"	1115	
	16	CHB Bed #3	" "	"	"	
	17	OB Bed #1	" "	"	1140	
	18	HP Bed #2	" "	"	1300	
	19	HP Bed #2	" "	"	"	
20	OB Bed #1	" "	"	1140		
(4)	701-732	Transformer Oil	M&R Div	3-23&24	-	
(5)	749	Soil Sample from Transformer Lot	M&R Div	3-24	-	

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