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DOC. NO.: CLET-00092-3.04-5/31/85

R 091431Z MAY 85 PSN 611190N18

FM CG MCB CAMP LEJEUNE NC

TO CHC WASHINGTON DC

INFO LANTNAVFACENGCOM NORFOLK VA

NAVHOSP CAMP LEJEUNE NC

UNCLAS //N06280//

CHC_FOR LFL: LANTDIV FOR 514: NAVHOSP FOR PMU SUBJ: ANALYSES OF CAMP LEJEUNE WATER SUPPLY

A. CG MCB CAMP LEJEUNE NC 082305Z FEB 85

1. THIS MSG PROVIDES UPDATED STATUS OF SUBJ AS INDICATED IN REF AND ACTIONS TAKEN TO DATE:

A. EIGHT_WELLS IN HADNOT POINT SYSTEM AND TWO WELLS IN TARAWA TERRACE (TT) SYSTEM REMAIN OFF-LINE DUE TO PRESENCE OF VOLATILE ORGANIC CHEMICALS (VOC) EXCEPT FOR TT NEW WELL AS DISCUSSED BELOW. B. CONSTRUCTION BEGAN ON 29 APR FOR THE AUXILIARY RAW WATER LINE TO THE TARAWA TERRACE SYSTEM; EST COMPLETION DATE IS I JUN 85. C. WATER CONSERVATION MEASURES HAVE BEEN ESTABLISHED FOR THE (SYSTEM TO ALLOW THE SYSTEM TO MEET WATER DEMANDS PENDING

COMPLETION OF THE CONSTRUCTION. D. THE TT NEW WELL, WHICH HAD BEEN CLOSED FOLLOWING DETECTION DF VOC, WAS USED ON 22,23 AND 29 APR TO MAINTAIN WATER PRODUCTION AND AVOID SYSTEM SHUTDOWN. ON EACH OCCASION, VOC ANALYSES OF TT FINISHED WATER BY THE LANTDIV CONTRACT LABORATORY INDICATED CONCENTRATIONS LESS THAN THE DETECTION LIMIT OF 10 PPB.

E. A PRESS RELEASE REGARDING THE VOC SITUATION HAS BEEN ISSUED

F. ADDITIONAL MONITORING AND LOCATION OF THE SOURCE OF VOC'S HAS BEEN PURSUED THROUGH THE NACIP PROGRAM BY LANTDIV: A SCOPE_OF WORK FOR THE SECOND ROUND SAMPLING HAS BEEN JOINTLY REVIEWED BY HCB AND LANTDIV: NACIP SAMPLING IS ANTICIPATED TO BEGIN IN JULY AND AUGUST.

G. LIMITED CAPABILITY IS ANTICIPATED TO BE AVAILABLE IN JUNE FOR VOC ANALYSES BY THE CAMP LEJEUNE WATER QUALITY CONTROL LABORA-TORY, NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION.

DLVR:LANTNAVFACENGCOM NORFOLK VA(15) ... INFO

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3.04-5/31/85 POC IS MR. BOB ALEXANDER, MCB ENVIRONMENTAL ENGINEER, AV 484-34/5925.

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NOC NO: (LEJ-00092-3.04-5/31/85

R 221534Z APR 85 PSN 419691N30

FM CG MCB CAMP LEJEUNE NC

TO LANTNAVFACENGCOM NORFOLK, VA

UNCLAS //N06280//

LANTDIV FOR CODE 09A; INFO 114 SUBJ: CONTRACT 81-B-3849, INSPECTION AND TESTING OF POL TANKS; REQUEST FOR FIELD INVESTIGATION

A. LANTDIV LTR 09A21B3:MLB:CLG N62470-81-B-3849 DTD 1DECB3 B. "CONFIRMATION STUDY TO DETERMINE EXISTENCE AND POSSIBLE MIGRATION

OF SPECIFIC CHEMICALS IN SITU", ENVIRONMENTAL SCIENCE AND ENGINEER-ING, GAINESVILLE, FL., JANUARY 1985 (NOTAL)

1. REF (A) PROVIDED CRITERIA FOR TESTING AND INSPECTION OF TANKS BASE-WIDE AND REQUESTED CLARIFICATION OF FULL SCOPE OF SERVICES FOR THE SUBJ CONTRACT. REQUEST THAT THE SCOPE OF THE SUBJ CONTRACT ADDRESS ONLY THE MAIN FUEL FARMS AT MCB INDUSTRIAL AREA AND MCAS(H) NEW RIVER. FURTHER REQUEST THAT A FIELD INVESTIGATION BY THE A/E B OMPLETED AT THE INDUSTRIAL AREA FUEL FARM AS SOON AS ARRANGEMENTS CAN BE MADE. FUTURE WORK AT MCAS(H), NEW RIVER WILL BE REQUESTED BY SEPARATE CORRESPONDENCE.

2 . REF (B) PROVIDED THE DATA FROM THE FIRST ROUND OF SAMPLE COLLECTION AND ANALYSIS AT THE 22 NACIP SITES BEING STUDIED FOR HAZARDOUS MATERIAL CONTAMINATION PROBLEMS. THE MAIN FUEL FARM WAS SELECTED AS ONE OF THE 22 SITES DUE TO THE LARGE VOLUME OF FUEL STORED AS WELL AS THE AGE AND CONDITION OF THE FACILITIES. REF (B) INDICATES EXTREMELY HIGH LEVELS OF BENZENE, ETHYLBENZENE, TOLUENE, AND LEAD WERE DETECTED IN A GROUNDWATER MONITORING WELL LOCATED IN IN THE TANK FARM AREA, AND FURTHER DOCUMENTS THE LEAKAGE OF LARGE QUANTITIES OF FUEL AT THIS SITE.

3. INSPECTION AND TESTING OF THE MAIN FUEL FARM IS NECESSARY TO CONFIRM THE SIGNIFICANCE OF THE LEAKS AND TO DEVELOP CORRECTIVE ACTIONS. IN ORDER TO DEFINE THE SCOPE OF THE INSPECTION, ESPECIALLY ITH REGARD TO REMOVAL OF EARTHEN BERMS COVERING THE TANKS AND PIPING, THE FIELD INVESTIGATION IS WARRANTED.

DLVR:LANTNAVFACENGCOM NORFOLK VA(15) ... ACT

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POC IS T. H. HANKINS JR, PW MECH ENG, AV 484-3738.

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R 081446Z APR 85 PSN 273106N19

FM LANTNAVFACENGCOM NORFOLK VA

TO CG MCB CAMP LEJEUNE NC

INFO CMC WASHINGTON DC

UNCLAS //N06280//

SUBJ: NACIP STUDY OF CAMP LEJEUNE WATER SUPPLY SYSTEMS

CG MCB CAMP LEJEUNE NC 031847Z APR 85 Α. LANTNAVFACENGCOM LTR 5090 1143CFB OF 27 MAR 1985 8.

POAGM REQUESTED IN RCF A PARA 3A-E HAVE DEEN IDENTIFIED AN# 1. DISCUSSED IN REF B.

REF A PARA 3F - INTERIM MONITORING RECOMMENDATIONS FOR RAW WATER 2. WILL BE MADE AFTER ENVIRONMENTAL SCIENCE AND ENGINEERING (ESE) INC. REVIEWS DATA COLLECTED TO DATE IN CONJUNCTION WITH ADDITIONAL FIELD SAMPLING AND LABORATORY DATA YET TO BE COMPILED.

ANTICIPATE AWARD OF THIS EFFORT BY 15 JUL 85.

4. POC AT THIS CO MAND IS MS. CHERRYL BARNETT, AUTOVON 564-9566, COMM (804) 444-9566.

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FM CG MCB CAMP LEJEUNE NC

TO LANTNAVFACENGCOM NORFOLK VA

INFO CMC WASHINGTON DC _ -

UNCLAS //N11000//

LANTDIV FOR 114; CMC FOR LFL SUBJ: _NACIP STUDY OF CAMLEJ WATER SUPPLY SYSTEMS

A. CG MCB CAMLEJ NC 082305Z FEB 85 B. LANTDIV LTR 114:JGW:SSW 6280 DTD 10 MAY 83

1. REF (A) DESCRIBED ONGOING ACTIONS TO ADDRESS THE PRESENCE OF VOLATILE ORGANIC CHEMICALS (VOC) IN ISOLATED WATER SUPPLY WELLS AT CAMLEJ. VOC'S HAVE BEEN DETECTED IN TEN WELLS WHICH HAVE BEEN CLOSED; NOTHING HAS BEEN DETECTED IN 67 WELLS.

2. SHORT-TERM ACTIONS BEING TAKEN ARE:

B. EXPEDITING INSTALLATION OF GAS CHROMATOGRAPH IN THE BASE LAB TO PROVIDE LOCAL TESTING CAPABILITY.

C. PROCEEDING WITH THE HOLCOMB BLVD PLANT EXPANSION PROJ (82-2243) WHICH WILL SUPPLY ALL WATER TO TT AND MONTFORD PT WHEN COMPLETE. THIS PROJECT, HOWEVER, DOES NOT INCLUDE SOLUTIONS TO VOC PROBLEMS IN WELLS.

3. FOR MID/LONG-TERM ACTIONS, REQ THE SUBJ STUDY BE EXPEDITED AND THE FOLLOWING ISSUES BE ADDRESSED AS DESCRIBED IN REF (B).

A. VERIFICATION OF EXISTENCE OF CONTAMINATION IN ALL WATER SUPPLY SYSTEMS. MOST WELLS IN THE EIGHT SYSTEMS HAVE BEEN SAMPLED ONCE. FOR THOSE SAMPLING LOCATIONS WHERE REPLICATE SAMPLES HAVE BEEN TAKEN, REPORTED VOC LEVELS HAVE VARIED GREATLY. THUS, THE VERIFICATION OF THE VOC'S IN ALL SYSTEMS APPEARS WARRANTED.

DLVR:LANTNAVFACENGCOM NORFOLK VA(15) ... ACT

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B. VERIFICATION OF THE LOCATION OF SOURCES OF VOC'S IN THE TEN W_LLS WHICH HAVE BEEN CLOSED DUE TO DETECTABLE VOC'S: 601, 602, 603, 634, 637, 651, 652, 653, TT-26 AND TT NEW WELL+

C. CHARACTERIZATION OF VOC PROBLEMS IN THE HADNOT PT, HOLCOMB BLVD AND TT SYSTEMS TO FIND THE EXTENT AND RATE OF MIGRATION OF VOC'S, INCLUDING MIGRATION FROM POSITIVE WELLS TO CLEAN WELLS DURING INCREASED PUMPING.

D. IN THE VICINITY OF THE CONTAMINATED WELLS, REVIEW OF THE EXTENT OF USAGE AND EFFECTS OF TEST BORINGS AND THE IMPACTS OF ABANDONED WELLS TO DETERMINE THE POTENTIAL FOR INTER-AQUIFER EXCHANGE OF CONTAMINANTS VIA THESE ROUTES.

E. PREPARATION OF THE FEASIBILITY STEP AND COST ESTIMATES FOR INTERIM AND LONG-TERM ALTERNATIVES.

F. RECOMMENDATIONS FOR INTERIM AND LONG-TERM MONITORING OF RAW WATER WELLS AND TREATMENT SYSTEMS.

4. REQ YR ASSISTANCE IN DEVELOPMENT OF MILESTONES FOR EACH OF THE ABOVE ISSUES BY 22 APR 85.

5. POC IS MR. BOB ALEXANDER, AV 484-3034/5.

BT.



2 OF 2 MATA0861 094/04:292

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