

FROM LANTAN COOR 1142 FILE NUMBER 6280 1142 PPG

SUBJECT VOA/THM

REFERENCE

TO: HCB CAMP USTOUNE
 BASE MAINTENANCE
 ENVIRONMENTAL AFFAIRS
 DIVISION

ENCLOSURE
 JTC REPORTS #84,
 #85, #86

This form may be used in a window envelope.

VIA Endorsement on

FORWARDED RETURNED FOLLOW-UP REQUEST ADVISE SUBMIT

| MESSAGE | MESSAGE | MESSAGE |
|--|---|--|
| <input checked="" type="checkbox"/> FOR APPROPRIATE ACTION | SUBJECT DOCUMENT(S) WAS/WERE FORWARDED TO YOUR OFFICE AS A MATTER UNDER YOUR JURISDICTION. | CERTIFY ENCLOSURE AS TO RECEIPT AND ACCEPTANCE OF MATERIAL AND FORWARD TO |
| FOR INFORMATION OR CERTIFICATION AND/OR FILE. | SUBJECT DOCUMENTS WAS/WERE APPROVED AND FORWARDED TO YOU. | COPIES OF SUBJECT CHANGE ORDER AMENDMENT OR MODIFICATION |
| <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED | COPY(IES) OF THIS CORRESPONDENCE WITH YOUR REPLY. | CHANGE NOTICE TO THE SUPPLIER |
| APPROVAL <input type="checkbox"/> IS <input type="checkbox"/> IS NOT RECOMMENDED | ENCLOSURE(S) IS/ARE FORWARDED AS REQUESTED BY REFERENCE | COPIES OF APPLICABLE PLANS AND/OR SPECIFICATIONS. |
| CONCURRING IN RECOMMENDATIONS MADE IN THE BASIC CORRESPONDENCE. | ENCLOSURE(S) IS/ARE RETURNED FOR CORRECTION AS INDICATED. | FOR PLAN ACTION AS INDICATED |
| COMMENTS AND/OR RECOMMENDATIONS: | CORRECTED ENCLOSURE(S) AS REQUESTED | CLASSIFICATIONS OF DEFECTS FOR SUBJECT ITEMS |
| MAILING LIST ACTION | SUBJECT PERSON'S ATTENTION SHOULD BE INVITED TO THIS MATTER | CONFIRMATION THAT INSPECTION OR SOURCE INSPECTION IS NOT REQUIRED. |
| FOR ASSIGNMENT OF BUREAU FILE NUMBER(S) | SUBJECT PERSON(S) REPORTED TO THIS COMMAND | INSPECTION UNDER THE SUBJECT SUBCONTRACT IS NOT REQUIRED |
| ON A LOAN BASIS RETURN BY | SUBJECT PERSON(S) COMPLETED HIS/THEIR DUTY AND WAS/WERE DETACHED FROM THIS COMMAND | COPIES OF SUBJECT PURCHASE DOCUMENT. IF SOURCE INSPECTION OR PROGRESSING IS REQUIRED |
| SIGN ORIGINAL RECEIPT AND RETURN TO THIS OFFICE. | NAME AND LOCATION OF SUPPLIER OF SUBJECT ITEMS. | STATUS OF MATERIAL ON SUBJECT PURCHASE DOCUMENT |
| SUBJECT FILES, WHICH ARE LOCATED IN BOX NO. SHIPMENT NO. | SUBCONTRACT NUMBER FOR SUBJECT ITEM | CLEARANCE AS INDICATED IN BASIC CORRESPONDENCE VERIFIED. NO REPLY UNLESS NEGATIVE. |
| REPLY TO THE ABOVE REFERENCE(S) BY | SUBJECT PURCHASE DOCUMENT HAS BEEN REQUESTED AND WILL BE FORWARDED WHEN RECEIVED. | VERIFICATION OF NEED-TO-KNOW FOR VISIT PERSONNEL CLEARANCES VERIFIED. |
| COPY(IES) OF REFERENCE DESCRIBED ABOVE WAS/WERE NOT RECEIVED. | ENDORSEMENT OF SUBJECT SUBCONTRACT IS BEING DELAYED PENDING RECEIPT OF BASIC PURCHASE DOCUMENT. | |
| SUBJECT DOCUMENT(S) WAS/WERE FORWARDED TO | APPROPRIATION SYMBOL SUBHEAD AND CHARGEABLE ACTIVITY | |
| SUBJECT DOCUMENT(S) IS/ARE WAS/WERE RETURNED FOR | WHETHER SUBJECT ITEMS ARE TO BE COMMERCIALY SHIPPED OR AT GOVERNMENT EXPENSE | |
| | A CERTIFICATE IN LIEU OF SUBJECT BILL OF LADING WHICH HAS BEEN LOST. | |
| | | SEE REMARKS ON THE REVERSE SIDE. |

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Copy TO 114, 1142, 1145 SIGNATURE [Signature]

REPORT #84
LABORATORY ANALYSIS ON
NAVAL SAMPLES
(A/E CONTRACT N62470-84-B-6932)
JTC REPORT #85-258

PREPARED FOR:
DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VA 23511

PREPARED BY:
JTC ENVIRONMENTAL CONSULTANTS, INC.
4 RESEARCH PLACE, SUITE L-10
ROCKVILLE, MARYLAND 20850
JULY 5, 1985

Ann E Rosecrance
Ann E. Rosecrance
Laboratory Director

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0000005147

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JTC Environmental Consultants, Inc.

Date 7-5-85 Report No. 84 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-258 Table 1 Date of Sample Receipt 6-19-85

| NAVY SAMPLE ID | JTC SAMPLE ID | ANALYSIS PARAMETER | | | | | | | |
|--------------------------|---------------------|--------------------------|--|--|--|--|--|--|--|
| | | VOA | | | | | | | |
| HP 20 6-18-85 1018 | 12-0964 | see attached sheet | | | | | | | |



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-0964 PROJECT NO. NF-12
CLIENT SAMPLE ID HP20 6-18-85 DATE RECEIVED 6-19-85
METHOD NO. 624 DETECTION LIMIT 10 ug/lit

| PARAMETER | RESULT ug/lit | PARAMETER | RESULT ug/lit |
|-------------------------------------|-----------------------|----------------------------------|------------------------|
| 2V acrolein | N.D. | 32V 1,2-dichloropropane | N.D. |
| 3V acrylonitrile | N.D. | 33V 1,3-dichloropro- pylene | N.D. |
| 4V benzene | N.D. | 38V ethylbenzene | N.D. |
| 6V carbon tetrachloride | N.D. | 44V methylene chloride | N.D. |
| 7V chlorobenzene | N.D. | 45V methyl chloride | N.D. |
| 10V 1,2-dichloroethane | N.D. | 46V methyl bromide | N.D. |
| 11V 1,1,1-trichloro- ethane | N.D. | 47V bromoform | N.D. |
| 13V 1,1-dichloroethane | N.D. | 48V dichlorobromo- methane | 8.8 N.D. |
| 14V 1,1,2-trichloro- ethane | N.D. | 49V trichlorofluoro- methane | N.D. |
| 15V 1,1,2,2-tetra- chloroethane | N.D. | 50V dichlorodifluoro- methane | N.D. |
| 16V chloroethane | N.D. | 51V chlorodibromomethane | 4.6 N.D. |
| 19V 2-chloroethylvinyl ether | N.D. | 85V tetrachloroethylene | N.D. |
| 23V chloroform | 21 N.D. | 86V toluene | N.D. |
| 29V 1,1-dichloroethylene | N.D. | 87V trichloroethylene | N.D. |
| 30V 1,2-trans-dichloro- ethylene | N.D. | 88V vinyl chloride | N.D. |

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N.D. = NOT DETECTED
N.A. = NOT APPLICABLE/ANALYZED

*Below method detection limit

REPORT # 85
LABORATORY ANALYSIS ON
NAVAL SAMPLES
(A/E CONTRACT N62470-84-B-6932)
JTC REPORT # 85-259

PREPARED FOR:
DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VA 23511

PREPARED BY:
JTC ENVIRONMENTAL CONSULTANTS, INC.
4 RESEARCH PLACE, SUITE L-10
ROCKVILLE, MARYLAND 20850

JULY 5, 1985

Ann E. Rosecrance

Ann E. Rosecrance
Laboratory Director

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JTC Environmental Consultants, Inc.

Date 7-5-85 Report No. 85 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-259 Table 1 Date of Sample Receipt 6-21-85

| NAVY SAMPLE ID | JTC SAMPLE ID | ANALYSIS PARAMETER | | | | | | | |
|--|---------------------|--------------------------|--|--|--|--|--|--|--|
| | | VOA | | | | | | | |
| HP THM Sample FC-530 6/20/85 11:45 | 12-0965 | see attached sheet | | | | | | | |



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-0965 PROJECT NO. NF-12
CLIENT SAMPLE ID HP THM Sample FC-530 DATE RECEIVED 6-21-85
METHOD NO. 624 DETECTION LIMIT 10 ug/lit

| PARAMETER | RESULT ug/lit | PARAMETER | RESULT ug/lit |
|--------------------------------|---------------|-----------------------------|---------------|
| 2V acrolein | N.D. | 32V 1,2-dichloropropane | N.D. |
| 3V acrylonitrile | N.D. | 33V 1,3-dichloropropylene | N.D. |
| 4V benzene | N.D. | 38V ethylbenzene | N.D. |
| 6V carbon tetrachloride | N.D. | 44V methylene chloride | N.D. |
| 7V chlorobenzene | N.D. | 45V methyl chloride | N.D. |
| 10V 1,2-dichloroethane | N.D. | 46V methyl bromide | N.D. |
| 11V 1,1,1-trichloroethane | N.D. | 47V bromoform | N.D. |
| 13V 1,1-dichloroethane | N.D. | 48V dichlorobromomethane | 5.2 N.D. |
| 14V 1,1,2-trichloroethane | N.D. | 49V trichlorofluoromethane | N.D. |
| 15V 1,1,2,2-tetrachloroethane | N.D. | 50V dichlorodifluoromethane | N.D. |
| 16V chloroethane | N.D. | 51V chlorodibromomethane | 3.3 N.D. |
| 19V 2-chloroethylvinyl ether | N.D. | 85V tetrachloroethylene | N.D. |
| 23V chloroform | 12 N.D. | 86V toluene | N.D. |
| 29V 1,1-dichloroethylene | N.D. | 87V trichloroethylene | N.D. |
| 30V 1,2-trans-dichloroethylene | N.D. | 88V vinyl chloride | N.D. |

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N.D. = NOT DETECTED
N.A. = NOT APPLICABLE/ANALYZED

*Below method detection limit

REPORT # 86
LABORATORY ANALYSIS ON
NAVAL SAMPLES
(A/E CONTRACT N62470-84-B-6932)
JTC REPORT # 85-260

PREPARED FOR:
DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VA 23511

PREPARED BY:
JTC ENVIRONMENTAL CONSULTANTS, INC.
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ROCKVILLE, MARYLAND 20850

JULY 5, 1985

Ann E Rosecrance

Ann E. Rosecrance
Laboratory Director

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JTC Environmental Consultants, Inc.

Date 7-5-85 Report No. 86 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-260 Table 1 Date of Sample Receipt 6-26-85

| NAVY SAMPLE ID | JTC SAMPLE ID | ANALYSIS PARAMETER | | | | | |
|--------------------------|---------------------|--------------------------|--|--|--|--|--|
| | | VOA | | | | | |
| HP 20 1405 6-24-85 | 12-0966 | see attached Sheet | | | | | |



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-0966 PROJECT NO. NF-12
CLIENT SAMPLE ID HP20 6-24-85 DATE RECEIVED 6-26-85
METHOD NO. 624 DETECTION LIMIT 10 ug/lit

| PARAMETER | RESULT ug/lit | PARAMETER | RESULT ug/lit |
|-------------------------------------|------------------|----------------------------------|------------------|
| 2V acrolein | N.D. | 32V 1,2-dichloropropane, | N.D. |
| 3V acrylonitrile | N.D. | 33V 1,3-dichloropro- pylene | N.D. |
| 4V benzene | N.D. | 38V ethylbenzene | N.D. |
| 6V carbon tetrachloride | N.D. | 44V methylene chloride | N.D. |
| 7V chlorobenzene | N.D. | 45V methyl chloride | N.D. |
| 10V 1,2-dichloroethane | N.D. | 46V methyl bromide | N.D. |
| 11V 1,1,1-trichloro- ethane | N.D. | 47V bromoform | N.D. |
| 13V 1,1-dichloroethane | N.D. | 48V dichlorobromo- methane | 8.6 N.D. |
| 14V 1,1,2-trichloro- ethane | N.D. | 49V trichlorofluoro- methane | N.D. |
| 15V 1,1,2,2-tetra- chloroethane | N.D. | 50V dichlorodifluoro- methane | N.D. |
| 16V chloroethane | N.D. | 51V chlorodibromomethane | 5.7 N.D. |
| 19V 2-chloroethylvinyl ether | N.D. | 85V tetrachloroethylene | N.D. |
| 23V chloroform | 16 N.D. | 86V toluene | N.D. |
| 29V 1,1-dichloroethylene | N.D. | 87V trichloroethylene | N.D. |
| 30V 1,2-trans-dichloro- ethylene | N.D. | 88V vinyl chloride | N.D. |

N.D. = NOT DETECTED
N.A. = NOT APPLICABLE/ANALYZED

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*Below method detection limit