

ROUTINE REPLY, ENDORSEMENT, TRANSMITTAL OR INFORMATION SHEET

OPNAV 5216/158 (Rev. 7-78)
SN 0107-LF-052-1691

A WINDOW ENVELOPE MAY BE USED
Formerly NAVEXOS 3789

CLASSIFICATION (UNCLASSIFIED when detached from enclosures, unless otherwise indicated)

FROM (Show telephone number in addition to address)

CANTON COOR 1142 AIV-564-9561

DATE

10 JUN 85

SUBJECT

VOAs

SERIAL OR FILE NO.

6280 1142006

TO:

MCB CAMP LEBRONE
BASE MAINTENANCE
ENVIRONMENTAL AFFAIRS DIVISION

REFERENCE

ENCLOSURE

(1) JTC REPORT #77

VIA:

ENDORSEMENT ON

FORWARDED RETURNED FOLLOW-UP, OR TRACER REQUEST SUBMIT CERTIFY MAIL FILE

GENERAL ADMINISTRATION		CONTRACT ADMINISTRATION		PERSONNEL	
<input checked="" type="checkbox"/> FOR APPROPRIATE ACTION UNDER YOUR COGNIZANCE INFORMATION		NAME & LOCATION OF SUPPLIER OF SUBJECT ITEMS		REPORTED TO THIS COMMAND:	
APPROVAL RECOMMENDED <input type="checkbox"/> YES <input type="checkbox"/> NO		SUBCONTRACT NO. OF SUBJECT ITEM		DETACHED FROM THIS COMMAND	
<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		APPROPRIATION SYMBOL, SUBHEAD, AND CHARGEABLE ACTIVITY		OTHER	
COMMENT AND/OR CONCURRENCE CONCUR		SHIPPING AT GOVERNMENT EXPENSE <input type="checkbox"/> YES <input type="checkbox"/> NO			
LOANED, RETURN BY:		A CERTIFICATE, VICE BILL OF LADING			
SIGN RECEIPT & RETURN REPLY TO THE ABOVE BY:		COPIES OF CHANGE ORDERS, AMENDMENT OR MODIFICATION			
REFERENCE NOT RECEIVED		CHANGE NOTICE TO SUPPLIER			
SUBJECT DOCUMENT FORWARDED TO:		STATUS OF MATERIAL ON PURCHASE DOCUMENT			
SUBJECT DOCUMENT RETURNED FOR:		REMARKS (Continue on reverse)			
SUBJECT DOCUMENT HAS BEEN REQUESTED, AND WILL BE FORWARDED WHEN RECEIVED		<p style="text-align: center; font-size: 2em; font-weight: bold;">CLW</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">0000005484</p>			
COPY OF THIS CORRESPONDENCE WITH YOUR REPLY					
ENCLOSURE NOT RECEIVED					
ENCLOSURE FORWARDED AS REQUESTED					
ENCLOSURE RETURNED FOR CORRECTION AS INDICATED					
CORRECTED ENCLOSURE AS REQUESTED					
REMOVE FROM DISTRIBUTION LIST		SIGNATURE & TITLE <i>David Gooden</i> 1142			
REDUCE DISTRIBUTION AMOUNT TO:					

COPY TO:

114, 1142, 1145

CLASSIFICATION (UNCLASSIFIED when detached from enclosures, unless otherwise indicated)

REPORT # 77
LABORATORY ANALYSIS ON
NAVAL SAMPLES
(A/E CONTRACT N62470-84-B-6932)
JTC REPORT # 85-229

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

CLW
000005485

Ann E. Rosecrance

Ann E. Rosecrance
Laboratory Director



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-0936 PROJECT NO. NF-12
NAVY SAMPLE # AS106 1400 5/21/85 DATE RECEIVED 5/24/85
METHOD NO. 624 DETECTION LIMIT 10 ug/lit

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

CLW

000005487

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

FROM: *LANTOIN CORR 1142*

TO: *MCB CAMP LEJEUNE
 BASE MAINTENANCE
 ENVIRONMENTAL AFFAIRS DIVISION*

FILE NUMBER: *6280
 1142-086*

DATE: *23 MAY 85*

VIA: _____ Endorsement on _____

SUBJECT: *VOA*

REFERENCE: _____

ENCLOSURE: *(1) JTC REPORT #72 (REC'D 23 MAY 85)*

FORWARDED RETURNED FOLLOW-UP REQUEST ADVISE SUBMIT

X	MESSAGE	X	MESSAGE	X	MESSAGE
<input checked="" type="checkbox"/>	FOR APPROPRIATE ACTION		SUBJECT DOCUMENT(S) WAS/WERE FORWARDED TO YOUR OFFICE _____ AS A MATTER UNDER YOUR JURISDICTION.		DD FORM 250-3 IMMEDIATELY FOR MATERIAL ON SUBJECT PURCHASE DOCUMENT REC'D AT THIS ACTIVITY _____
	FOR INFORMATION OR CERTIFICATION AND/OR FILE.		SUBJECT DOCUMENTS WAS/WERE APPROVED _____ AND FORWARDED TO YOU.		CERTIFY ENCLOSURE _____ AS TO RECEIPT AND ACCEPTANCE OF MATERIAL AND FORWARD TO _____
	<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		_____ COPY(IES) OF THIS CORRESPONDENCE WITH YOUR REPLY.		_____ COPIES OF SUBJECT CHANGE ORDER AMENDMENT OR MODIFICATION
	APPROVAL <input type="checkbox"/> IS <input type="checkbox"/> IS NOT RECOMMENDED		ENCLOSURE(S) _____ IS/ARE FORWARDED AS REQUESTED BY REFERENCE _____		CHANGE NOTICE TO THE SUPPLIER
	CONCURRING IN RECOMMENDATIONS MADE IN THE BASIC CORRESPONDENCE.		ENCLOSURE(S) IS/ARE RETURNED FOR CORRECTION AS INDICATED.		_____ COPIES OF APPLICABLE PLANS AND/OR SPECIFICATIONS.
	COMMENTS AND/OR RECOMMENDATIONS.		CORRECTED ENCLOSURE(S) AS REQUESTED		FOR PLAN ACTION AS INDICATED
	MAILING LIST ACTION		SUBJECT PERSON'S ATTENTION SHOULD BE INVITED TO THIS MATTER		CLASSIFICATIONS OF DEFECTS FOR SUBJECT ITEMS
	FOR ASSIGNMENT OF BUREAU FILE NUMBER(S)		SUBJECT PERSON(S) REPORTED TO THIS COMMAND _____		CONFIRMATION THAT INSPECTION OR SOURCE INSPECTION IS NOT REQUIRED
	ON A LOAN BASIS RETURN BY _____		SUBJECT PERSON(S) COMPLETED HIS/THEIR DUTY AND WAS/WERE DETACHED FROM THIS COMMAND _____		INSPECTION UNDER THE SUBJECT SUBCONTRACT IS NOT REQUIRED
	SIGN ORIGINAL RECEIPT AND RETURN TO THIS OFFICE.		NAME AND LOCATION OF SUPPLIER OF SUBJECT ITEMS.		_____ COPIES OF SUBJECT PURCHASE DOCUMENT. IF SOURCE INSPECTION OR PROGRESSING IS REQUIRED
	SUBJECT FILES, WHICH ARE LOCATED IN BOX NO. _____ SHIPMENT NO. _____		SUBCONTRACT NUMBER FOR SUBJECT ITEM _____		STATUS OF MATERIAL ON SUBJECT PURCHASE DOCUMENT
	REPLY TO THE ABOVE REFERENCE(S) BY _____		SUBJECT PURCHASE DOCUMENT HAS BEEN REQUESTED AND WILL BE FORWARDED WHEN RECEIVED.		CLEARANCE AS INDICATED IN BASIC CORRESPONDENCE VERIFIED. NO REPLY UNLESS NEGATIVE.
	_____ COPY(IES) OF REFERENCE DESCRIBED ABOVE WAS/WERE NOT RECEIVED.		ENDORSEMENT _____ OF SUBJECT SUBCONTRACT IS BEING DELAYED PENDING RECEIPT OF BASIC PURCHASE DOCUMENT.		VERIFICATION OF NEED-TO-KNOW FOR VISIT PERSONNEL CLEARANCES VERIFIED.
	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.

COPY TO: *114, 1142, 1145*

SIGNATURE: *Paul Goodrum* **CLW**

REPORT # 72
LABORATORY ANALYSIS ON
NAVAL SAMPLES
(A/E CONTRACT N62470-84-B-6932)
JTC REPORT # 85-199

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
MAY 20, 1985

Ann E. Rosecrance

Ann E. Rosecrance
Laboratory Director

CLW
0000005489

JTC Environmental Consultants, Inc.

Date 5/20/85 Report No. 72 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-199 Table 1 Date of Sample Receipt 5-17-85

NAVY SAMPLE ID		JTC SAMPLE ID	VOA	ANALYSIS PARAMETER				
Tarawa Terr. 5/15/85 1050		12-0874	See attached Sheet					
RR 227 5/15/85 1418		12-0875	"					
Bldg STT 39A 4/29/85 0845		12-0876	"					

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JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

CLW

0000005491

VOLATILE FRACTION

JTC SAMPLE # 12-0874 PROJECT NO. NF-12
NAVY SAMPLE # Tarawa Terrace 5/15/85 DATE RECEIVED 5/17/85
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	3.8* N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromo- methane	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	5.5* N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	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

* Below method detection limit



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

CLW

0000005492

VOLATILE FRACTION

JTC SAMPLE # 12-0875 PROJECT NO. NF-12
NAVY SAMPLE # RR 227 5/15/85 DATE RECEIVED 5/17/85
METHOD NO. 624 DETECTION LIMIT 10 ug/lit

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

N.D. = NOT DETECTED

N.A. = NOT APPLICABLE/ANALYZED



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

CLW

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VOLATILE FRACTION

JTC SAMPLE # 12-0876 PROJECT NO. NF-12
NAVY SAMPLE # Bldg STT39A 4/29/85 DATE RECEIVED 5/17/85
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	4.8* N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromo- methane	4.4* 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	10 N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	5.1* 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

* Below method detection limit

ROUTINE REPLY, ENDORSEMENT, TRANSMITTAL OR INFORMATION SHEET

OPNAV 5216/158 (Rev. 7-78)
SN 0107-LF-052-1691

A WINDOW ENVELOPE MAY BE USED
Formerly NAVEXOS 3784

CLASSIFICATION (UNCLASSIFIED when detached from enclosures, unless otherwise indicated)

FROM (Show telephone number in addition to address)

LAMPDIV CDR 1142 A/V 564-9561

DATE

1 MAY 85

SUBJECT

VOA

SERIAL OR FILE NO.

6280 11420PG

TO:

MCB CAMP LARSONE
BASE MAINTENANCE
ENVIRONMENTAL AFFAIRS DIVISION

REFERENCE

ENCLOSURE

(1) JTC REPORTS #65
AND #66 (REC'D 1 MAY 85)

VIA:

ENDORSEMENT ON

FORWARDED RETURNED FOLLOW-UP, OR TRACER REQUEST SUBMIT CERTIFY MAIL FILE

GENERAL ADMINISTRATION	CONTRACT ADMINISTRATION	PERSONNEL
<input checked="" type="checkbox"/> FOR APPROPRIATE ACTION UNDER YOUR COGNIZANCE INFORMATION	NAME & LOCATION OF SUPPLIER OF SUBJECT ITEMS	REPORTED TO THIS COMMAND:
APPROVAL RECOMMENDED <input type="checkbox"/> YES <input type="checkbox"/> NO	SUBCONTRACT NO. OF SUBJECT ITEM	DETACHED FROM THIS COMMAND
<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED	APPROPRIATION SYMBOL, SUBHEAD, AND CHARGEABLE ACTIVITY	OTHER
COMMENT AND/OR CONCURRENCE	SHIPPING AT GOVERNMENT EXPENSE <input type="checkbox"/> YES <input type="checkbox"/> NO	
CONCUR	A CERTIFICATE, VICE BILL OF LADING	
LOANED, RETURN BY:	COPIES OF CHANGE ORDERS, AMENDMENT OR MODIFICATION	
SIGN RECEIPT & RETURN	CHANGE NOTICE TO SUPPLIER	
REPLY TO THE ABOVE BY:	STATUS OF MATERIAL ON PURCHASE DOCUMENT	
REFERENCE NOT RECEIVED	REMARKS (Continue on reverse)	
SUBJECT DOCUMENT FORWARDED TO:	<p>Copies to NREAU BMAIN PMV CLW 000005494</p>	
SUBJECT DOCUMENT RETURNED FOR:		
SUBJECT DOCUMENT HAS BEEN REQUESTED, AND WILL BE FORWARDED WHEN RECEIVED		
COPY OF THIS CORRESPONDENCE WITH YOUR REPLY		
ENCLOSURE NOT RECEIVED		
ENCLOSURE FORWARDED AS REQUESTED		
ENCLOSURE RETURNED FOR CORRECTION AS INDICATED		
CORRECTED ENCLOSURE AS REQUESTED		
REMOVE FROM DISTRIBUTION LIST		
REDUCE DISTRIBUTION AMOUNT TO:		
SIGNATURE & TITLE	<p><i>[Signature]</i></p>	

COPY TO:

114, 1142, 1143

CLASSIFICATION (UNCLASSIFIED when detached from enclosures, unless otherwise indicated)

REPORT # 65
LABORATORY ANALYSIS ON
NAVAL SAMPLES
(A/E CONTRACT N62470-84-B-6932)
JTC REPORT # 85-167

PREPARED FOR:
DEPARTMENT OF THE NAVY
ATLANTIC DIVISION

NA

MAND

Release to

All

J

INC.

NO FOIA
NO Privileges

CLW

0000005495

Ann E. Rosecrance

Ann E. Rosecrance
Laboratory Director

JTC Environmental Consultants, Inc.

Date 4-26-85 Report No. 65 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-167 Table 1 Date of Sample Receipt 4/23/85

NAVY SAMPLE ID		JTC SAMPLE ID	ANALYSIS PARAMETER																		
TT Treated 4/22/85 11:20		12-0820	VOA																		
			see attached sheet																		

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JTC Environmental Consultants, Inc.

Date 4-26-85 Report No. 65 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-167 Table 2 Date of Sample Receipt 4/23/85

		ANALYSIS PARAMETER									
NAVY SAMPLE ID	JTC SAMPLE ID	VOA									
HP 20 Treated 4/22/85 12:00	12-0817	broken in transit									
LCH 4006 4/22/85 11:35	12-0818	see attached sheet									
RR-227 4/22/85 12:35	12-0819	"									

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JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-0818 PROJECT NO. NF-12
NAVY SAMPLE # LCH 4006 4/22/85 DATE RECEIVED 4/23/85
METHOD NO. 624 DETECTION LIMIT 10 ug/lit

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

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



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

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VOLATILE FRACTION

JTC SAMPLE # 12-0819 PROJECT NO. NF-12
NAVY SAMPLE # RR-227 4/22/85 DATE RECEIVED 4/23/85
METHOD NO. 624 DETECTION LIMIT 10 ug/lit

PARAMETER	RESULT	PARAMETER	RESULT
	ug/lit		ug/lit
2V acrolein	N.D.	32V 1,2-dichloropropane	N.D.
3V acrylonitrile	N.D.	33V 1,3-dichloro- 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	3.2 * N.D.	47V bromoform	N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromo- methane	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	N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	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

* Below method detection limit



JTC ENVIRONMENTAL CONSULTANTS, INC.
 PRIORITY POLLUTANT ANALYSIS DATA SHEET

CLW

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VOLATILE FRACTION

JTC SAMPLE # 12-0820 PROJECT NO. NF-12
 NAVY SAMPLE # TT Treated 4/22/85 DATE RECEIVED 4/23/85
 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-dichloro- 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	4.1* N.D.	47V bromoform	6.2* N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromo- methane	5.7* 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	10 N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	1.0* N.D.
23V chloroform	2.2* 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

* Below method detection limit

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ROUTINE REPLY, ENDORSEMENT, TRANSMITTAL OR INFORMATION SHEET

OPNAV 5216/158 (Rev. 7-78)
SN 0107-LF-052-1891

A WINDOW ENVELOPE MAY BE USED
Formerly NAVEXOS 3789

CLASSIFICATION (UNCLASSIFIED when detached from enclosures, unless otherwise indicated)

FROM (Show telephone number in addition to address)

VANTDIU 6002 1142 A1US64-9561

DATE

21 MAR 85

SUBJECT

VOAs

SERIAL OR FILE NO.

6280 1142 DRG

TO:

MCB CAMP LEJEUNE
BASE MAINTENANCE
ENVIRONMENTAL AFFAIRS DIVISION

REFERENCE

ENCLOSURE

(1) JTC Report # 36

VIA:

ENDORSEMENT ON

FORWARDED RETURNED FOLLOW-UP, OR TRACER REQUEST SUBMIT CERTIFY MAIL FILE

GENERAL ADMINISTRATION		CONTRACT ADMINISTRATION		PERSONNEL	
<input checked="" type="checkbox"/> FOR APPROPRIATE ACTION UNDER YOUR COGNIZANCE	INFORMATION	NAME & LOCATION OF SUPPLIER OF SUBJECT ITEMS	SUBCONTRACT NO. OF SUBJECT ITEM	REPORTED TO THIS COMMAND:	
APPROVAL RECOMMENDED <input type="checkbox"/> YES <input type="checkbox"/> NO	APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/>	APPROPRIATION SYMBOL, SUBHEAD, AND CHARGEABLE ACTIVITY	SHIPPING AT GOVERNMENT EXPENSE <input type="checkbox"/> YES <input type="checkbox"/> NO	DETACHED FROM THIS COMMAND	
COMMENT AND/OR CONCURRENCE	CONCUR	A CERTIFICATE, VICE BILL OF LADING	COPIES OF CHANGE ORDERS, AMENDMENT OR MODIFICATION	OTHER	
LOANED, RETURN BY:	SIGN RECEIPT & RETURN	CHANGE NOTICE TO SUPPLIER	STATUS OF MATERIAL ON PURCHASE DOCUMENT		
REPLY TO THE ABOVE BY:	REFERENCE NOT RECEIVED	REMARKS (Continue on reverse)			
SUBJECT DOCUMENT FORWARDED TO:	SUBJECT DOCUMENT RETURNED FOR:	<p style="text-align: center; font-size: 2em; font-weight: bold;">CLW</p> <p style="text-align: center; font-size: 1.5em;">000005501</p>			
SUBJECT DOCUMENT HAS BEEN REQUESTED, AND WILL BE FORWARDED WHEN RECEIVED					
COPY OF THIS CORRESPONDENCE WITH YOUR REPLY					
ENCLOSURE NOT RECEIVED					
ENCLOSURE FORWARDED AS REQUESTED					
ENCLOSURE RETURNED FOR CORRECTION AS INDICATED		SIGNATURE & TITLE			
CORRECTED ENCLOSURE AS REQUESTED		<p style="text-align: center;"><i>David Gordon</i> 1142</p>			
REMOVE FROM DISTRIBUTION LIST					
REDUCE DISTRIBUTION AMOUNT TO:					

COPY TO:

114, 1141, 1148

CLASSIFICATION (UNCLASSIFIED when detached from enclosures, unless otherwise indicated)

REPORT # 36
LABORATORY ANALYSIS ON
NAVAL SAMPLES
(A/E Contract N62470-84-B-6932
JTC REPORT # 85-090

PREPARED FOR:
DEPARTMENT OF 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

MARCH 18, 1985

CLW

0000005502

A.E. Rosecrance

Ann E. Rosecrance
Laboratory Director

JTC Environmental Consultants, Inc.

Date 3-15-85 Report No. 36 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-090 Table 1 Date of Sample Receipt 2-21-85

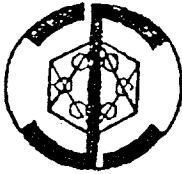
NAVY SAMPLE ID		JTC SAMPLE ID	VOA	ANALYSIS PARAMETER						
Onslow Beach Finished		12-0591	See attached sheet							
Courthouse Bay new well		12-0592	"							
Courthouse Bay Finished		12-0593	"							
Rifle Range		12-0594	"							
MP-168		12-0595	"							

0000005503 CLW

Navy Sample: Onslow Beach Finished

received: 2/21/85

CLW



JTC ENVIRONMENTAL CONSULTANTS, INC. 0000005504
 PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

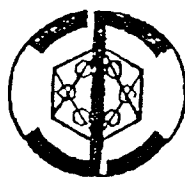
LAB SAMPLE LOG NO. VOASPL602 PROJECT NO. NF-12
 SAMPLE DESIGNATION & DATE 12-0591 Onslow Beach Finished
 METHOD NO. 624 DETECTION LIMIT 10 ug/lit 2/20/85
 ANALYSIS DATE 2/26/85

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-dichloro- 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	13 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	2.7* N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	48 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.

* Below method detection limit

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

Navy Sample: Courthouse Bay Ne Well received: 2/21/85



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET 000005505

CLW

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL604 PROJECT NO. NF-12
SAMPLE DESIGNATION & DATE 12-0592 Courthouse Bay New Well
METHOD NO. 624 DETECTION LIMIT 10 ug/lit 2/20/85
ANALYSIS DATE 2/26/85

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	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	N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	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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JTC ENVIRONMENTAL CONSULTANTS, INC.
 PRIORITY POLLUTANT ANALYSIS DATA SHEET

0000005506

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL410 PROJECT NO. NF-12
 SAMPLE DESIGNATION & DATE 12-0593 Courthouse Bay Finished
 METHOD NO. 624 DETECTION LIMIT 10 ug/lit 2/20/85
 ANALYSIS DATE 2/27/85

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-dichloro- 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	4.5* N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromo- methane	15 N.D.
14V 1,1,2-trichloro- ethane	N.D.	49V trichlorofluoro- methane	N.D.
15V 1,1,2,2-tetra- chloroethane	10 N.D.	50V dichlorodifluoro- methane	N.D.
16V chloroethane	N.D.	51V chlorodibromomethane	8.5* N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	29 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.

* Below method detection limit

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

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JTC ENVIRONMENTAL CONSULTANTS, INC.
 PRIORITY POLLUTANT ANALYSIS DATA SHEET

0000005507

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL611 PROJECT NO. NF-12
 SAMPLE DESIGNATION & DATE 12-0594 Rifle Range 2/20/85
 METHOD NO. 624 DETECTION LIMIT 10 ug/lit
 ANALYSIS DATE 2/27/85

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	17 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	8.4* N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	37 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

* Below method detection
 limit

Navy Sample: MP-168

received: 2/21/85

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JTC ENVIRONMENTAL CONSULTANTS, INC.
 PRIORITY POLLUTANT ANALYSIS DATA SHEET

0000005508

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL612 PROJECT NO. NF-12
 SAMPLE DESIGNATION & DATE 12-0595 MP-168 2/20/85
 METHOD NO. 624 DETECTION LIMIT 10 ug/lit
 ANALYSIS DATE 2/27/85

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	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	N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	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