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 Code 1142 AV-564-9561

DATE
10 JUN 85

SUBJECT
VOAs

SERIAL OR FILE NO.
6280 1142APG

TO:
MCB CAMP LEJEUNE
BASE MAINTENANCE
ENVIRONMENTAL AFFAIRS DIVISION

REFERENCE

ENCLOSURE
(1) JTC REPORT #77

VIA:

ENDORSEMENT ON
———

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

GENERAL ADMINISTRATION		CONTRACT ADMINISTRATION		PERSONNEL	
[X]	FOR APPROPRIATE ACTION	[ ]	NAME & LOCATION OF SUPPLIER OF SUBJECT ITEMS	[ ]	REPORTED TO THIS COMMAND:
[ ]	UNDER YOUR COGNIZANCE	[ ]	SUBCONTRACT NO. OF SUBJECT ITEM		
[ ]	INFORMATION	[ ]	APPROPRIATION SYMBOL, SUBHEAD, AND CHARGEABLE ACTIVITY	[ ]	DETACHED FROM THIS COMMAND
[ ]	APPROVAL RECOMMENDED [ ] YES [ ] NO	[ ]	SHIPPING AT GOVERNMENT EXPENSE [ ] YES [ ] NO	[ ]	OTHER
[ ]	[ ] APPROVED [ ] DISAPPROVED	[ ]	A CERTIFICATE, VICE BILL OF LADING		
[ ]	COMMENT AND/OR CONCURRENCE	[ ]	COPIES OF CHANGE ORDERS, AMENDMENT OR MODIFICATION		
[ ]	CONCUR	[ ]	CHANGE NOTICE TO SUPPLIER		
[ ]	LOANED, RETURN BY:	[ ]	STATUS OF MATERIAL ON PURCHASE DOCUMENT		
[ ]	SIGN RECEIPT & RETURN				
[ ]	REPLY TO THE ABOVE BY:				
[ ]	REFERENCE NOT RECEIVED				
[ ]	SUBJECT DOCUMENT FORWARDED TO:				
[ ]	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:				

REMARKS (*Continue on reverse*)

CLW
0000005484

SIGNATURE & TITLE
Carol Booker 1142

COPY TO:
114, 1142, 1145

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

☆ U.S. Government Printing Office: 1983—605-010/8603 2-1

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

0C000005485

Ann E. Rosecrance

Ann E. Rosecrance
Laboratory Director

JTC Environmental Consultants, Inc.

Date 6-7-85 Report No. 77 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. _____ Table 1 Date of Sample Receipt 5-24-85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		VOA							
AS 106 1400 5/21/85	12-0936	see attached sheet							

CLW

0000054886

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
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	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	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-dichloroethylene	N.D.	88V vinyl chloride	N.D.

CLW

0000005487

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

ROUTINE REPLY, ENDORSEMENT, TRANSMITTAL OR INFORMATION SHEET
NAVEXOS-3989

FROM: LANTDIV CODE 1142

FILE NUMBER: C280
1142 OPG

TO: MCB CAMP LEJEUNE
BASE MAINTENANCE
ENVIRONMENTAL AFFAIRS DIVISION

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	FOR APPROPRIATE ACTION
	FOR INFORMATION OR CERTIFICATION AND/OR FILE.
	☐ APPROVED ☐ DISAPPROVED
	APPROVAL ☐ IS ☐ IS NOT RECOMMENDED
	CONCURRING IN RECOMMENDATIONS MADE IN THE BASIC CORRESPONDENCE.
	COMMENTS AND/OR RECOMMENDATIONS.
	MAILING LIST ACTION
	FOR ASSIGNMENT OF BUREAU FILE NUMBER(S)
	ON A LOAN BASIS RETURN BY _____
	SIGN ORIGINAL RECEIPT AND RETURN TO THIS OFFICE.
	SUBJECT FILES. WHICH ARE LOCATED IN BOX NO. _____ SHIPMENT NO. _____
	REPLY TO THE ABOVE REFERENCE(S) BY _____
	_____ COPY(IES) OF REFERENCE DESCRIBED ABOVE WAS/WERE NOT RECEIVED.
	SUBJECT DOCUMENT(S) WAS/WERE FORWARDED TO _____
	SUBJECT DOCUMENT(S) IS/ARE WAS/WERE RETURNED FOR _____

X	MESSAGE
	SUBJECT DOCUMENT(S) WAS/WERE FORWARDED TO YOUR OFFICE _____ AS A MATTER UNDER YOUR JURISDICTION.
	SUBJECT DOCUMENTS WAS/WERE APPROVED _____ AND FORWARDED TO YOU.
	_____ COPY(IES) OF THIS CORRESPONDENCE WITH YOUR REPLY.
	ENCLOSURE(S) _____ IS/ARE FORWARDED AS REQUESTED BY REFERENCE _____
	ENCLOSURE(S) IS/ARE RETURNED FOR CORRECTION AS INDICATED.
	CORRECTED ENCLOSURE(S) AS REQUESTED
	SUBJECT PERSON'S ATTENTION SHOULD BE INVITED TO THIS MATTER
	SUBJECT PERSON(S) REPORTED TO THIS COMMAND _____
	SUBJECT PERSON(S) COMPLETED HIS/THEIR DUTY AND WAS/WERE DETACHED FROM THIS COMMAND _____
	NAME AND LOCATION OF SUPPLIER OF SUBJECT ITEMS,
	SUBCONTRACT NUMBER FOR SUBJECT ITEM
	SUBJECT PURCHASE DOCUMENT HAS BEEN REQUESTED AND WILL BE FORWARDED WHEN RECEIVED.
	ENDORSEMENT _____ OF SUBJECT SUBCONTRACT IS BEING DELAYED PENDING RECEIPT OF BASIC PURCHASE DOCUMENT.
	APPROPRIATION SYMBOL SUBHEAD AND CHARGEABLE ACTIVITY
	WHETHER SUBJECT ITEMS ARE TO BE COMMERCIALLY SHIPPED OR AT GOVERNMENT EXPENSE
	A CERTIFICATE IN LIEU OF SUBJECT BILL OF LADING WHICH HAS BEEN LOST.

X	MESSAGE
	DD FORM 250-3 IMMEDIATELY FOR MATERIAL ON SUBJECT PURCHASE DOCUMENT REC'D AT THIS ACTIVITY _____
	CERTIFY ENCLOSURE _____ AS TO RECEIPT AND ACCEPTANCE OF MATERIAL AND FORWARD TO _____
	_____ COPIES OF SUBJECT CHANGE ORDER AMENDMENT OR MODIFICATION
	CHANGE NOTICE TO THE SUPPLIER
	_____ COPIES OF APPLICABLE PLANS AND/OR SPECIFICATIONS.
	FOR PLAN ACTION AS INDICATED
	CLASSIFICATIONS OF DEFECTS FOR SUBJECT ITEMS
	CONFIRMATION THAT INSPECTION OR SOURCE INSPECTION IS NOT REQUIRED
	INSPECTION UNDER THE SUBJECT SUBCONTRACT IS NOT REQUIRED
	_____ COPIES OF SUBJECT PURCHASE DOCUMENT. IF SOURCE INSPECTION OR PROGRESSING IS REQUIRED
	STATUS OF MATERIAL ON SUBJECT PURCHASE DOCUMENT
	CLEARANCE AS INDICATED IN BASIC CORRESPONDENCE VERIFIED. NO REPLY UNLESS NEGATIVE.
	VERIFICATION OF NEED-TO-KNOW FOR VISIT PERSONNEL CLEARANCES VERIFIED.
	SEE REMARKS ON THE REVERSE SIDE.

COPY TO: 114, 1142, 1145

SIGNATURE: Carol Woodlum · CLW

U. S. GOVERNMENT PRINTING OFFICE: 1957 O-427[illegible]

0000005488

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	ANALYSIS PARAMETER							
		VOA							
Tarawa Terr. 5/15/85 1050	12-0874	see attached Sheet							
RR 227 5/15/85 1418	12-0875	"							
Bldg STT39A 4/29/85 0845	12-0876	"							

CLW

0000004490

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

CLW

0000005492

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-0875 PROJECT NO. NF-12

NAVY SAMPLE # RR227 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-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	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	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-dichloroethylene	N.D.	88V vinyl chloride	N.D.

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

CLW

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET 0000005493

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-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	4.8* ~~N.D.~~
13V 1,1-dichloroethane	N.D.	48V dichlorobromomethane	4.4* ~~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	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-dichloroethylene	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) *A WINDOW ENVELOPE MAY BE USED*
SN 0107-LF-052-1691 *Formerly NAVEXOS 3789*

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

FROM (*Show telephone number in addition to address*)
LANDIV Code 1142 A/V 564-9561

DATE
1MAY85

SUBJECT
VOA

SERIAL OR FILE NO.
6280 1142OPG

TO:
MCB CAMP LEJEUNE
BASE MAINTENANCE
ENVIRONMENTAL AFFAIRS DIVISION

REFERENCE

ENCLOSURE
(1) JTC REPORTS #65 AND #66 (REC'D 1MAY85)

VIA:

ENDORSEMENT ON

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

GENERAL ADMINISTRATION	CONTRACT ADMINISTRATION	PERSONNEL
X FOR APPROPRIATE ACTION	NAME & LOCATION OF SUPPLIER OF SUBJECT ITEMS	REPORTED TO THIS COMMAND:
UNDER YOUR COGNIZANCE	SUBCONTRACT NO. OF SUBJECT ITEM	
INFORMATION	APPROPRIATION SYMBOL, SUBHEAD, AND CHARGEABLE ACTIVITY	DETACHED FROM THIS COMMAND
APPROVAL RECOMMENDED ☐ YES ☐ NO	SHIPPING AT GOVERNMENT EXPENSE ☐ YES ☐ NO	OTHER
☐ APPROVED ☐ DISAPPROVED	A CERTIFICATE, VICE BILL OF LADING	
COMMENT AND/OR CONCURRENCE	COPIES OF CHANGE ORDERS, AMENDMENT OR MODIFICATION	
CONCUR	CHANGE NOTICE TO SUPPLIER	
LOANED, RETURN BY:	STATUS OF MATERIAL ON PURCHASE DOCUMENT	
SIGN RECEIPT & RETURN		
REPLY TO THE ABOVE BY:		
REFERENCE NOT RECEIVED		
SUBJECT DOCUMENT FORWARDED TO:		
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:		

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0000005494

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COPY TO:
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CLASSIFICATION (*UNCLASSIFIED when detached from enclosures, unless otherwise indicated*)

☆ U.S. Government Printing Office: 1983—505-010/8603 2-1

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							
		VOA							
TT Treated 4/22/85 11:20	12-0820 CLW 000005496	see attached sheet							

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

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		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	"							

CLW 0000049700

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
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	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	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-dichloroethylene	N.D.	88V vinyl chloride	N.D.

CLW

00000005498

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

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

CLW

0000005499

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 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	3.2 * ~~N.D.~~	47V bromoform	N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromomethane	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	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-dichloroethylene	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

VOLATILE FRACTION

CLW

0000005500

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
2V acrolein	N.D.
3V acrylonitrile	N.D.
4V benzene	N.D.
6V carbon tetrachloride	N.D.
7V chlorobenzene	N.D.
10V 1,2-dichloroethane	N.D.
11V 1,1,1-trichloroethane	4.1 * ~~N.D.~~
13V 1,1-dichloroethane	N.D.
14V 1,1,2-trichloroethane	N.D.
15V 1,1,2,2-tetrachloroethane	N.D.
16V chloroethane	N.D.
19V 2-chloroethylvinyl ether	N.D.
23V chloroform	2.2* ~~N.D.~~
29V 1,1-dichloroethylene	N.D.
30V 1,2-trans-dichloroethylene	N.D.
32V 1,2-dichloropropane	N.D.
33V 1,3-dichloropropylene	N.D.
38V ethylbenzene	N.D.
44V methylene chloride	N.D.
45V methyl chloride	N.D.
46V methyl bromide	N.D.
47V bromoform	6.2 * ~~N.D.~~
48V dichlorobromomethane	5.7 * ~~N.D.~~
49V trichlorofluoromethane	N.D.
50V dichlorodifluoromethane	N.D.
51V chlorodibromomethane	10 ~~N.D.~~
85V tetrachloroethylene	1.0 * ~~N.D.~~
86V toluene	N.D.
87V trichloroethylene	N.D.
88V vinyl chloride	N.D.

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

* Below method detection limit

RdW Danny DR1

ROUTINE REPLY, ENDORSEMENT, TRANSMITTAL OR INFORMATION SHEET

OPNAV 5216/158 (Rev. 7-78) *A WINDOW ENVELOPE MAY BE USED*
SN 0107-LF-052-1691 *Formerly NAVEXOS 3789*

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

FROM (*Show telephone number in addition to address*)
LANTDIV Code 1142 AV 564-9561

DATE
21MAR85

SUBJECT
VOAs

SERIAL OR FILE NO.
6280 1142 ORG

TO:
MCB CAMP LEJEUNE
BASE MAINTENANCE
ENVIRONMENTAL AFFAIRS DIVISION

REFERENCE

ENCLOSURE
(1) JTC Report #36

VIA:

ENDORSEMENT ON

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

GENERAL ADMINISTRATION	
X	FOR APPROPRIATE ACTION
	UNDER YOUR COGNIZANCE
	INFORMATION
	APPROVAL RECOMMENDED [ ] YES [ ] NO
	[ ] APPROVED [ ] DISAPPROVED
	COMMENT AND/OR CONCURRENCE
	CONCUR
	LOANED, RETURN BY:
	SIGN RECEIPT & RETURN
	REPLY TO THE ABOVE BY:
	REFERENCE NOT RECEIVED
	SUBJECT DOCUMENT FORWARDED TO:
	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:

CONTRACT ADMINISTRATION	
	NAME & LOCATION OF SUPPLIER OF SUBJECT ITEMS
	SUBCONTRACT NO. OF SUBJECT ITEM
	APPROPRIATION SYMBOL, SUBHEAD, AND CHARGEABLE ACTIVITY
	SHIPPING AT GOVERNMENT EXPENSE [ ] YES [ ] NO
	A CERTIFICATE, VICE BILL OF LADING
	COPIES OF CHANGE ORDERS, AMENDMENT OR MODIFICATION
	CHANGE NOTICE TO SUPPLIER
	STATUS OF MATERIAL ON PURCHASE DOCUMENT

PERSONNEL	
	REPORTED TO THIS COMMAND:
	DETACHED FROM THIS COMMAND
	OTHER

REMARKS (*Continue on reverse*)

CLW
0000005501

SIGNATURE & TITLE
Carol Bowden 1142

COPY TO:
114, 1141, 1145

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

☆ U.S. Government Printing Office: 1983—605-010/8603 2-1

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	ANALYSIS PARAMETER: VOA							
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	"							

CLW 0000005503

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 2/20/85

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

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-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	13 ~~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	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-dichloroethylene	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

CLW

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET 0 0 0 0 0 5 5 0 5

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOA5PL604 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0592 Courthouse Bay New Well 2/20/85

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

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-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	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	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-dichloroethylene	N.D.	88V vinyl chloride	N.D.

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

Navy Sample: Courthouse Bay Finished Received: 2/21/85

CLW

JTC ENVIRONMENTAL CONSULTANTS, INC. 0000005506
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL610 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0593 Courthouse Bay Finished 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-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	4.5* ~~N.D.~~
13V 1,1-dichloroethane	N.D.	48V dichlorobromomethane	15 ~~N.D.~~
14V 1,1,2-trichloroethane	N.D.	49V trichlorofluoromethane	N.D.
15V 1,1,2,2-tetrachloroethane	10 ~~N.D.~~	50V dichlorodifluoromethane	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-dichloroethylene	N.D.	88V vinyl chloride	N.D.

* Below method detection limit

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

Navy Sample: Rifle range received: 2/21/85

CLW

JTC ENVIRONMENTAL CONSULTANTS, INC. 0000005507
PRIORITY POLLUTANT ANALYSIS DATA SHEET

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
2V acrolein	N.D.
3V acrylonitrile	N.D.
4V benzene	N.D.
6V carbon tetrachloride	N.D.
7V chlorobenzene	N.D.
10V 1,2-dichloroethane	N.D.
11V 1,1,1-trichloroethane	N.D.
13V 1,1-dichloroethane	N.D.
14V 1,1,2-trichloroethane	N.D.
15V 1,1,2,2-tetrachloroethane	N.D.
16V chloroethane	N.D.
19V 2-chloroethylvinyl ether	N.D.
23V chloroform	37 ~~N.D.~~
29V 1,1-dichloroethylene	N.D.
30V 1,2-trans-dichloroethylene	N.D.
32V 1,2-dichloropropane	N.D.
33V 1,3-dichloropropylene	N.D.
38V ethylbenzene	N.D.
44V methylene chloride	N.D.
45V methyl chloride	N.D.
46V methyl bromide	N.D.
47V bromoform	N.D.
48V dichlorobromomethane	17 ~~N.D.~~
49V trichlorofluoromethane	N.D.
50V dichlorodifluoromethane	N.D.
51V chlorodibromomethane	8.4* ~~N.D.~~
85V tetrachloroethylene	N.D.
86V toluene	N.D.
87V trichloroethylene	N.D.
88V vinyl chloride	N.D.

* Below method detection limit

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

Navy Sample: MP-168 received: 2/21/85

CLW

0000005508

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

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-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	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	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-dichloroethylene	N.D.	88V vinyl chloride	N.D.

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