NAVEXOS-3589

...E REPLY, ENDORSEMENT, TRAN... TAL OR INFORMATION SHEET

DDS

FROM: LANTDIV CODE 1142 A/V 564-9561

FILE NUMBER: 6280
11420PG

TO: MCB CAMP LEJEUNE
BASE MAINTENANCE, ENVIRONMENTAL AFFAIRS
DIVISION

DATE: 11 MAR 85

VIA

_____ Endorsement on

SUBJECT: JTC REPORT #26

CLW

REFERENCE

0000005509

ENCLOSURE: (1) JTC REPORT #26

☒ 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, 1141, 1145

SIGNATURE: [signature]

U. S. GOVERNMENT PRINTING OFFICE: 1957 O—427293

REPORT # 26

LABORATORY ANALYSIS ON

NAVAL SAMPLES

(A/E Contract N62470-84-B-6932

JTC REPORT # 85-080

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 8, 1985

CLW

0000005510

Ann E. Rosecrance

Ann E. Rosecrance
Laboratory Director

JTC Environmental Consultants, Inc.

Date 3/7/85 Report No. 26 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-080 Table 1 Date of Sample Receipt 2-7-85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		VOA							
602	12-0496	See attached sheet							
608	12-0497	"							
610	12-0498	"							
645-5	12-0499	"							
649-3	12-0500	"							
651	12-0501	"							
651	12-0502	"							
654	12-0503	"							
AS 191	12-0504	"							
AS 203	12-0505	"							
HB 670 Filter 1	12-0506	"							
HB 670 Filter 2	12-0507	"							
HP20	12-0508	"							
MCAS AS 110	12-0509	"							
MP M-178	12-0510	"							
TT STT 39A	12-0511	"							

CLAY 0 0 0 5 5 11

Navy Sam # 602 Received 2-7-85

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

CLW

0000005512

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL 523 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0496 #602

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

ANALYSIS DATE 2-13-85

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	1.5* ~~N.D.~~
23V chloroform	N.D.	86V toluene	N.D.
29V 1,1-dichloroethylene	N.D.	87V trichloroethylene	38 ~~N.D.~~
30V 1,2-trans-dichloroethylene	74 ~~N.D.~~	88V vinyl chloride	N.D.

* Below method detection limit

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

Client Report No. 26

JTC Report No. 85-080

TENTATIVELY IDENTIFIED COMPOUNDS

Laboratory Sample ID 12-0496 Client Sample ID 602

COMPOUND	ESTIMATED CONCENTRATION
butane	8.4 ug/L
pentane	2.2 "
2-methyl butane	3.1 "
	CLW
	0000005513

Navy Sam[illegible] # 608 Received 2-7-85

CLW

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET 0000005514

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL 528 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0497 #608

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

ANALYSIS DATE 2-13-85

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	1.6* ~~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	9.0* ~~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 # 610 Received 2/7/85

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL 527 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0498 #610

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

ANALYSIS DATE 2/13/85

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.

CLW

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

Navy Samp # 645-5 Received 2/7/85

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL 542 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0499 645-5

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

ANALYSIS DATE 2/19/85

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.

CLW

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

Navy Sample # 649-3 received 1/7/85

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL 544 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0500 649-3

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

ANALYSIS DATE 2/20/85

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.

CLW

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

Y y sample #651 recv'd 2-7-85

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

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VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL496 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0501 #651 1410 1:20 Dilution

METHOD NO. 624 DETECTION LIMIT 200 ug/lit

ANALYSIS DATE 2/8/85

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	400 ~~N.D.~~
23V chloroform	N.D.	86V toluene	N.D.
29V 1,1-dichloroethylene	N.D.	87V trichloroethylene	18,900 ~~N.D.~~
30V 1,2-trans-dichloroethylene	7580 ~~N.D.~~	88V vinyl chloride	168* ~~N.D.~~

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

* Below Method Detection Limit

Navy sample #651 received 2-7-85

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

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VOLATILE FRACTION

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LAB SAMPLE LOG NO. VOASPL 497 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0502 #651 1410 250 ml → 5000 1:20 Dilution

METHOD NO. 624 DETECTION LIMIT 200 ug/lit

ANALYSIS DATE 2/8/85

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	397 ~~N.D.~~
23V chloroform	N.D.	86V toluene	N.D.
29V 1,1-dichloroethylene	N.D.	87V trichloroethylene 17600	~~N.D.~~
30V 1,2-trans-dichloroethylene 8070	~~N.D.~~	88V vinyl chloride *	179 ~~N.D.~~

* Below Method Detection Limit

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

Navy sample # 654 received 2/7/85

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JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET 0000005520

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL 546 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0503 654

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

ANALYSIS DATE 2/20/85

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 AS191 recei : 2/7/85

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JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL 549 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0504 AS191

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

ANALYSIS DATE 2/20/85

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 Samp # AS 203 Received 2/7/85

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL 564 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0505 AS203

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

ANALYSIS DATE 2/20/85

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.

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

Trip sample HB670 Trip #1 received 2-7-85

CLW

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET 0000005523

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL500 PROJECT NO. NF12

SAMPLE DESIGNATION & DATE 12-0506 HBF1Tr-1 (HB670)

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

ANALYSIS DATE 2/8/85

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	21 ~~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	3.6* ~~N.D.~~
49V trichlorofluoromethane	N.D.
50V dichlorodifluoromethane	N.D.
51V chlorodibromomethane	3.4* ~~N.D.~~
85V tetrachloroethylene	N.D.
86V toluene	N.D.
87V trichloroethylene	2.8* ~~N.D.~~
88V vinyl chloride	N.D.

* Below method detection limit

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

Navy sample HB670 Filter 2 received 2-7-85

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

CLW

0000005524

LAB SAMPLE LOG NO. VOMSPL 499 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0507 HB Filter #2

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

ANALYSIS DATE 2/8/85

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	6.0* ~~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	3.0* ~~N.D.~~
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	18 ~~N.D.~~	86V toluene	N.D.
29V 1,1-dichloroethylene	N.D.	87V trichloroethylene	(1.5)* 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

Navy sample HP20 recieved 2-7-85

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

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VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL501 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0508 HP20

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

ANALYSIS DATE 2/8/85

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	8.0 * ~~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	5.1 * ~~N.D.~~
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	7.5 * ~~N.D.~~
23V chloroform	28 ~~N.D.~~	86V toluene	N.D.
29V 1,1-dichloroethylene	N.D.	87V trichloroethylene	429 ~~N.D.~~
30V 1,2-trans-dichloroethylene	150 ~~N.D.~~	88V vinyl chloride	2.9* ~~N.D.~~

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

* Below method detection limit

Ivy sample # MCAS AS11 received 2/7/85

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JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

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VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL 547 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0509 MCAS AS 110

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

ANALYSIS DATE 2/20/85

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.~~ 280
13V 1,1-dichloroethane	N.D.	48V dichlorobromomethane	~~N.D.~~ 8.5 *
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.~~ 70
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	~~N.D.~~ 2.4 *	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 # MP M-178 received 2/7/85

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JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL 548 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0510 MP M-178

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

ANALYSIS DATE 2/20/85

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	7.8 * ~~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	3.9 * ~~N.D.~~
48V dichlorobromomethane	6.3 * ~~N.D.~~
49V trichlorofluoromethane	N.D.
50V dichlorodifluoromethane	N.D.
51V chlorodibromomethane	7.8 * ~~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 TT STT 39 received 2-7-85

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JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

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VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL 509 PROJECT NO. NF-12

SAMPLE DESIGNATION & DATE 12-0511 TT STT 39A

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

ANALYSIS DATE 2/11/85

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.~~ 7.2 *
13V 1,1-dichloroethane	N.D.	48V dichlorobromomethane	~~N.D.~~ 2.0 *
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.~~ 11
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	~~N.D.~~ 215
23V chloroform	~~N.D.~~ 2.0 *	86V toluene	N.D.
29V 1,1-dichloroethylene	N.D.	87V trichloroethylene	~~N.D.~~ 8.0 *
30V 1,2-trans-dichloroethylene	~~N.D.~~ 12	88V vinyl chloride	N.D.

* Below method detection limit

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