

DDJ

FROM: **LANTON COOR 1142 AIV 564-9561**

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

VIA: _____

Endorsement on _____

FILE NUMBER
6280
11420PG

DATE
11 MAR 85

SUBJECT: **JTC REPORT #26** **CLW**

REFERENCE: **0000005509**

ENCLOSURE: **(1) JTC REPORT #26**

FORWARDED RETURNED FOLLOW-UP REQUEST ADVISE SUBMIT

X	MESSAGE	X	MESSAGE	X	MESSAGE
<input checked="" type="checkbox"/>	FOR APPROPRIATE ACTION	<input checked="" type="checkbox"/>	SUBJECT DOCUMENT(S) WAS/WERE FORWARDED TO YOUR OFFICE AS A MATTER UNDER YOUR JURISDICTION.	<input checked="" type="checkbox"/>	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, 1141, 1145**

SIGNATURE: *[Handwritten Signature]*

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

Ann E. Rosecrance

Ann E. Rosecrance
Laboratory Director

CLW
0000005510

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	"												
HP 20	12-0508	"												
MCAS AS 110	12-0509	"												
MP M-178	12-0510	"												
TT STT 39A	12-0511	"												

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JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

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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-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	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	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-dichloro- ethylene	74 N.D.	88V vinyl chloride	N.D.

* Below method detection limit

N.D. = NOT DETECTED

N.A. = NOT APPLICABLE/ANALYZED



JTC ENVIRONMENTAL CONSULTANTS, INC.
 PRIORITY POLLUTANT ANALYSIS DATA SHEET

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VOLATILE FRACTION

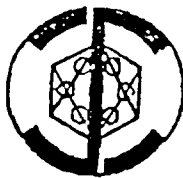
LAB SAMPLE LOG NO. VOASPL 528 PROJECT NO. NF-12
 SAMPLE DESIGNATION & DATE 12-0497 # 608
 METHOD NO. 624 DETECTION LIMIT 10 ug/lit
 ANALYSIS DATE 2-13-85

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-dichloropro- pylene	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-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	9.0* 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



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-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.

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N.D. = NOT DETECTED

N.A. = NOT APPLICABLE/ANALYZED



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

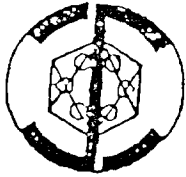
PARAMETER	RESULT ug/lit	PARAMETER	RESULT ug/lit
2V acrolein	N.D.	32V 1,2-dichloropropane	N.D.
3V acrylonitrile	N.D.	33V 1,3-dichloro- pylene	N.D.
4V benzene	N.D.	38V ethylbenzene	N.D.
6V carbon tetrachloride	N.D.	44V methylene chloride	N.D.
7V chlorobenzene	N.D.	45V methyl chloride	N.D.
10V 1,2-dichloroethane	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	N.D.
14V 1,1,2-trichloro- ethane	N.D.	49V trichloro-fluoro- 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.

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N.D. = NOT DETECTED

N.A. = NOT APPLICABLE/ANALYZED



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

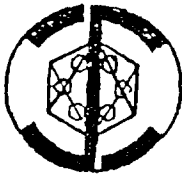
PARAMETER	RESULT ug/lit	PARAMETER	RESULT ug/lit
2V acrolein	N.D.	32V 1,2-dichloropropane	N.D.
3V acrylonitrile	N.D.	33V 1,3-dichloro- pylene	N.D.
4V benzene	N.D.	38V ethylbenzene	N.D.
6V carbon tetrachloride	N.D.	44V methylene chloride	N.D.
7V chlorobenzene	N.D.	45V methyl chloride	N.D.
10V 1,2-dichloroethane	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	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.

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

ry sample #651 rec'd 2-7-85



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

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VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL 496 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-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	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 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-dichloro- ethylene 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. VOA SPL 497 PROJECT NO. NF-12

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

METHOD NO. 624 DETECTION LIMIT 200 ug/lit Dilution

ANALYSIS DATE 2/8/85

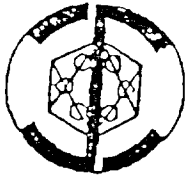
PARAMETER	RESULT ug/lit	PARAMETER	RESULT ug/lit
2V acrolein	N.D.	32V 1,2-dichloropropane	N.D.
3V acrylonitrile	N.D.	33V 1,3-dichloro- pylene	N.D.
4V benzene	N.D.	38V ethylbenzene	N.D.
6V carbon tetrachloride	N.D.	44V methylene chloride	N.D.
7V chlorobenzene	N.D.	45V methyl chloride	N.D.
10V 1,2-dichloroethane	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	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. 397
23V chloroform	N.D.	86V toluene	N.D.
29V 1,1-dichloroethylene	N.D.	87V trichloroethylene	N.D. 17600
30V 1,2-trans-dichloro- ethylene	N.D. 8070	88V vinyl chloride	* 179 N.D.

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

* Below Method Detection limit

Navy sample # 654 received 2/7/85

CLW



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-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	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.

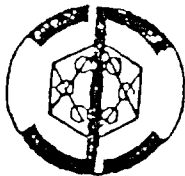
N.D. = NOT DETECTED
N.A. = NOT APPLICABLE/ANALYZED

Navy sample AS191

received: 2/7/85

CLW

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JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL 549 PROJECT NO. NF12

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-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	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



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

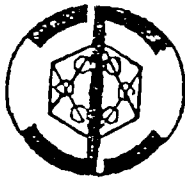
PARAMETER	RESULT ug/lit	PARAMETER	RESULT ug/lit
2V acrolein	N.D.	32V 1,2-dichloropropane	N.D.
3V acrylonitrile	N.D.	33V 1,3-dichloro- pylene	N.D.
4V benzene	N.D.	38V ethylbenzene	N.D.
6V carbon tetrachloride	N.D.	44V methylene chloride	N.D.
7V chlorobenzene	N.D.	45V methyl chloride	N.D.
10V 1,2-dichloroethane	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	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.

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N.D. = NOT DETECTED

N.A. = NOT APPLICABLE/ANALYZED



my sample HB670 Fe #1 received 2-7-85

VOLATILE FRACTION

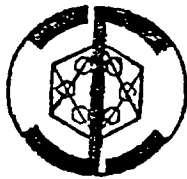
LAB SAMPLE LOG NO. VOASPL500 PROJECT NO. NF12
 SAMPLE DESIGNATION & DATE 12-0506 HB#1 (HB670)
 METHOD NO. 624 DETECTION LIMIT 10 ug/lit
 ANALYSIS DATE 2/8/85

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-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	3.6* 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	3.4* 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	2.8* 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 HB 670 7 liter 2 received 2-7-85



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

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VOLATILE FRACTION

LAB SAMPLE LOG NO. VOM SPL 499 PROJECT NO. NF12
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-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	6.0* 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	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-dichloro- ethylene	N.D.	88V vinyl chloride	N.D.

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

* Below method detection limit



Navy sample HP20 received 2-7-85

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

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VOLATILE FRACTION

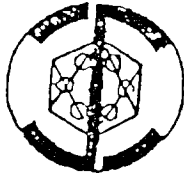
LAB SAMPLE LOG NO. VOASPL501 PROJECT NO. NF-12
SAMPLE DESIGNATION & DATE 12-0508 HP20
METHOD NO. 624 DETECTION LIMIT 10 ug/lit
ANALYSIS DATE 2/8/85

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-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	8.0 * 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	5.1 * 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-dichloro- ethylene	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



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET 0000005526

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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-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	280 N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromo- methane	8.5* 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	70 N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	2.4 * 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



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL 548 PROJECT NO. NE-12
 SAMPLE DESIGNATION & DATE 12-0510 MP M-178
 METHOD NO. 024 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-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	3.9* N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromo- methane	6.3* 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	7.8* N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	7.8* 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 TT STT 39, received 2-7-85

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-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. 7.2 *
13V 1,1-dichloroethane	N.D.	48V dichlorobromo- methane	N.D. 2.0 *
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. 11
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D. 25
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-dichloro- ethylene	N.D. 12	88V vinyl chloride	N.D.

* Below method detection limit

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