

REPORT # 108
LABORATORY ANALYSIS ON
NAVAL SAMPLES
(A/E CONTRACT N62470-84-B-6932)
JTC REPORT # 85-310

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
AUGUST 2, 1985

Ann E Rosecrance
Ann E. Rosecrance
Laboratory Director

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JTC Environmental Consultants, Inc.

Date 8-2-85 Report No. 108 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-310 Table 1 Date of Sample Receipt 8-1-85

Sample Name

NAVY SAMPLE ID	JTC SAMPLE ID	THM	ANALYSIS PARAMETER						
2800	12-1341	See attached Sheet							
0949 7/31									
G-520	12-1342	"							
1010 7/31									
AS-4025	12-1343	"							
0930 7/31									
710	12-1345	"							
1000 7/31									

Note: AS-110 (12-1344) was broken in transit

JTC Environmental Consultants, Inc.

Date 8-2-85 Report No. 108 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-310 Table 2 Date of Sample Receipt 8-1-85

Camp Lejeune

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		VOA							
TT	12-1346	see attached sheet							
0848 7/31									
HP	12-1347	"							
0829 7/31									
CLW 0000005105									



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-1341 PROJECT NO. NF-12
CLIENT SAMPLE ID 2800 7/31/85 DATE RECEIVED 8/1/85
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	20 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	29 N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	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.

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

*Below method detection limit



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-1342 PROJECT NO. NF-12
CLIENT SAMPLE ID G-520 7/31/85 DATE RECEIVED 8/1/85
METHOD NO. 624 DETECTION LIMIT 10 ug/lit

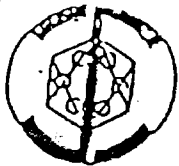
PARAMETER	RESULT ug/lit	PARAMETER	RESULT ug/lit
2V acrolein	N.D.	32V 1,2-dichloropropane	N.D.
3V acrylonitrile	N.D.	33V 1,3-dichloro- pylene	N.D.
4V benzene	N.D.	38V ethylbenzene	N.D.
6V carbon tetrachloride	N.D.	44V methylene chloride	N.D.
7V chlorobenzene	N.D.	45V methyl chloride	N.D.
10V 1,2-dichloroethane	N.D.	46V methyl bromide	N.D.
11V 1,1,1-trichloro- ethane	N.D.	47V bromoform	N.D. 32
13V 1,1-dichloroethane	N.D.	48V dichlorobromo- methane	20 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. 36
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	N.D. 10	86V toluene	N.D.
29V 1,1-dichloroethylene	N.D.	87V trichloroethylene	N.D.
30V 1,2-trans-dichloro- ethylene	N.D.	88V vinyl chloride	N.D.

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

*Below method detection limit



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-1343 PROJECT NO. NF-12
CLIENT SAMPLE ID AS-4025 7/31/85 DATE RECEIVED 8/1/85
METHOD NO. 624 DETECTION LIMIT 10 ug/lit

PARAMETER	RESULT ug/lit	PARAMETER	RESULT ug/lit
2V acrolein	N.D.	32V 1,2-dichloropropane	N.D.
3V acrylonitrile	N.D.	33V 1,3-dichloropro- pylene	N.D.
4V benzene	N.D.	38V ethylbenzene	N.D.
6V carbon tetrachloride	N.D.	44V methylene chloride	N.D.
7V chlorobenzene	N.D.	45V methyl chloride	N.D.
10V 1,2-dichloroethane	N.D.	46V methyl bromide	N.D.
11V 1,1,1-trichloro- ethane	N.D.	47V bromoform	N.D. 13
13V 1,1-dichloroethane	N.D.	48V dichlorobromo- methane	N.D. 14
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. 24
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	N.D. 7*	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
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*Below method detection limit



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-1345 PROJECT NO. NF-12
CLIENT SAMPLE ID 710 7/31/85 DATE RECEIVED 8/1/85
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	15 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	N.D.	50V dichlorodifluoro- methane	N.D.
16V chloroethane	N.D.	51V chlorodibromomethane	26 N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	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.

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N.D. = NOT DETECTED
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*Below method detection limit



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-1346 PROJECT NO. NF-12
CLIENT SAMPLE ID TT 7/31/85 DATE RECEIVED 8/1/85
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	8* N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromo- methane	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 chlorodibromo ethane	12 N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	3* 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
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*Below method detection limit



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-1347 PROJECT NO. NF-12
CLIENT SAMPLE ID HP 7/31/85 DATE RECEIVED 8/1/85
METHOD NO. 624 DETECTION LIMIT 10 ug/lit

PARAMETER	RESULT ug/lit	PARAMETER	RESULT ug/lit
2V acrolein	N.D.	32V 1,2-dichloropropane	N.D.
3V acrylonitrile	N.D.	33V 1,3-dichloropro- pylene	N.D.
4V benzene	N.D.	38V ethylbenzene	N.D.
6V carbon tetrachloride	N.D.	44V methylene chloride	N.D.
7V chlorobenzene	N.D.	45V methyl chloride	N.D.
10V 1,2-dichloroethane	N.D.	46V methyl bromide	N.D.
11V 1,1,1-trichloro- ethane	N.D.	47V bromoform	N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromo- methane	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	5* N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	13 N.D.	86V toluene	N.D.
29V 1,1-dichloroethylene	N.D.	87V trichloroethylene	N.D.
30V 1,2-trans-dichloro- ethylene	N.D.	88V vinyl chloride	N.D.

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

*Below method detection limit