

REPORT # 12  
LABORATORY ANALYSIS ON  
NAVAL SAMPLES  
(A/E Contract N6270-84-B-6932  
JTC REPORT # 84-136

PREPARED FOR:  
DEPARTMENT OF NAVY  
ATLANTIC DIVISION  
NAVAL FACILITIES ENGINEERING COMMAND  
NORFOLK, VA 23511

PREPARED BY:  
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**CLW**  
**0000005664**

*Ann E. Rosecrance*

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Ann E. Rosecrance  
Laboratory Director

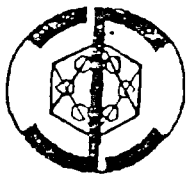
JTC Environmental Consultants, Inc.

Date 12/21/84 Report No. 12 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 84-136 Table 1 Date of Sample Receipt 12-20-84

NAVY SAMPLE ID		JTC SAMPLE ID	VOA	ANALYSIS PARAMETER						
Haddock Pt. WTP Raw 12/18/84 1400		12-0238	See attached Sheets							
FC 540 12/19/84 1045		12-0239	"							
Bldg 20 Haddock WTP 12/19/84 1105		12-0240	"							

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VOLATILE FRACTION

LAB SAMPLE LOG NO. VDNSPL311 PROJECT NO. NF-12  
SAMPLE DESIGNATION & DATE 12-0238 Hadnot Pt H<sub>2</sub>O T-Plant Raw 12/18/84  
METHOD NO. 624 DETECTION LIMIT 10 ug/lit  
ANALYSIS DATE 12/21/84

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-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	3.0* <del>N.D.</del>
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	4.2* <del>N.D.</del>	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 **GLW**

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Navy sample FC 540 12/19/84 received 12/20/84

JTC ENVIRONMENTAL CONSULTANTS, INC.  
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

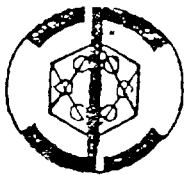
LAB SAMPLE LOG NO. V02SPL 312 PROJECT NO. NF-12  
SAMPLE DESIGNATION & DATE 12-0239 FC 540 12/19/84  
METHOD NO. 624 DETECTION LIMIT 10 ug/lit  
ANALYSIS DATE 12/21/84

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	5.4 * 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	5.1 * N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	9.4 * N.D.	86V toluene	N.D.
29V 1,1-dichloroethylene	N.D.	87V trichloroethylene	1.2 * 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**

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Navy sample Bldg 20 Hadnot WTP 12/19/84 received 12/20

JTC ENVIRONMENTAL CONSULTANTS, INC.  
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL314 PROJECT NO. NF-12  
SAMPLE DESIGNATION & DATE 12-0240 Bldg 20 Hadnot Pt. WTP 12/19/84  
METHOD NO. 624 DETECTION LIMIT 10 ug/lit  
ANALYSIS DATE 12/21/84

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	2.4 * N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	4.6 * 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**

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