

REPORT # 29
LABORATORY ANALYSIS ON
NAVAL SAMPLES
(A/E Contract N62470-84-B-6932
JTC REPORT # 85-052

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

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February 14, 1985

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Laboratory Director

JTC Environmental Consultants, Inc.

Date 1-14-85 Report No. 29 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-052 Table 1 Date of Sample Receipt 2-13-85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER						
TT 26	12-0533	VOA						
TT Treated	12-0534	see attached sheets						
TT New Well	12-0535	"						
		"						

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JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

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VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL522 PROJECT NO. NR-12SAMPLE DESIGNATION & DATE 12-0533 TT 26METHOD NO. 624 DETECTION LIMIT 10 ug/litANALYSIS 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 ^{3.8*} 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



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 PRIORITY POLLUTANT ANALYSIS DATA SHEET **000005568**

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VOLATILE FRACTION

LAB SAMPLE LOG NO. VOASPL 521 PROJECT NO. NF-12SAMPLE DESIGNATION & DATE 12-0534 TT TreatedMETHOD NO. 624 DETECTION LIMIT 10 ug/litANALYSIS 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	2.4* N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromo- methane	2.3* 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	3.7* 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



VOLATILE FRACTION

LAB SAMPLE LOG NO. 520
VOASP-535 PROJECT NO. NF-12
 SAMPLE DESIGNATION & DATE TT New Well 12-0535
 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	6.5* 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	37 N.D.
23V chloroform	N.D.	86V toluene	N.D.
29V 1,1-dichloroethylene	N.D.	87V trichloroethylene	1.8* N.D.
30V 1,2-trans-dichloro- ethylene	1.9* N.D.	88V vinyl chloride	N.D.

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

* Below method detection limit