APPENDIX D

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

117 N. FIRST
ANN ARBOR, MICHIGAN 48104 (313) 662-3104

PROJECT 1268
REPORT DATE 10-21-83

(Red)

CLIENT P.O.: LETTER
REPORT: 3514

SAMPLES RECVD: 08-18-83
REFER TECHNICAL QUESTIONS
TO: JAMES ENDRES

CLIENT:
N.U.S. CORPORATION
992 OLD EAGLE SCHOOL ROAD
SUITE 916
WAYNE, PA 19087

APPROVED: James Kolyer

***
RESIDUAL SAMPLES WILL
BE HELD FOR TWO WEEKS
***

CLIENT I.D.: C-4048
ERG SAMPLE NO: 08/094269
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
VOLATILE FRACTION (PRIOR. POLLS. EPA METH 624)		
ACROLEIN	ND (0.01)	mg/L
ACRYLONITRILE	ND (0.01)	mg/L
BENZENE	ND (0.01)	mg/L
BROMODICHLOROMETHANE	ND (0.01)	mg/L
BROMOFORM	ND (0.01)	mg/L
BROMOMETHANE	ND (0.01)	mg/L
CARBON TETRACHLORIDE	ND (0.01)	mg/L
CHLOROBENZENE	ND (0.01)	mg/L
CHLOROETHANE	ND (0.01)	mg/L
CHLOROETHYLVINYLETHER,2	ND (0.01)	mg/L
CHLOROFORM	<0.01	mg/L
CHLOROMETHANE	ND (0.01)	mg/L
CIS-1,3-DICHLOROPROPENE	ND (0.01)	mg/L
DIBROMOCHLOROMETHANE	ND (0.01)	mg/L
DICHLOROETHANE, 1,1-	ND (0.01)	mg/L
DICHLOROETHANE, 1,2-	ND (0.01)	mg/L
DICHLOROETHENE, 1,1-	ND (0.01)	mg/L
DICHLOROPROPANE, 1,2-	ND (0.01)	mg/L
ETHYLBENZENE	ND (0.01)	mg/L
METHYLENE CHLORIDE	0.19	mg/L
TETRACHLOROETHANE, 1,1,2,2-	ND (0.01)	mg/L
TETRACHLOROETHENE	ND (0.01)	mg/L
TOLUENE	ND (0.01)	mg/L
TRANS-1,3-DICHLOROPROPENE	ND (0.01)	mg/L
TRANS-1,2-DICHLOROETHYLENE	ND (0.01)	mg/L
TRICHLOROETHANE, 1,1,1-	ND (0.01)	mg/L
TRICHLOROETHANE, 1,1,2-	ND (0.01)	mg/L

CONTINUED

 SEE LAST PAGE FOR EXPLANATION OF SYMBOLS

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4048
ERG SAMPLE NO: 08/094269
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
TRICHLOROETHENE	ND (0.01)	mg/L
TRICHLOROFLUOROMETHANE	ND (0.01)	mg/L
VINYL CHLORIDE	ND (0.01)	mg/L
VOLATILE ORGANIC SCAN	SR	
B/N FRACTION (PRIOR. POLLS METH. 625)		
ACENAPTHENE	ND (0.01)	mg/L
ACENAPTHYLENE	ND (0.01)	mg/L
ANTHRACENE	ND (0.01)	mg/L
BENZIDINE	ND (0.01)	mg/L
BENZO(A)ANTHRACENE	ND (0.01)	mg/L
BENZO(A)PYRENE	ND (0.01)	mg/L
BENZO(B)FLUORANTHENE	ND (0.01)	mg/L
BENZO(K)FLUORANTHENE	ND (0.01)	mg/L
BENZO(G,H,I)PERYLENE	ND (0.01)	mg/L
BIS(2-CHLOROETHYL)ETHER	ND (0.01)	mg/L
BIS(2-CHLORETHOXY)METHANE	ND (0.01)	mg/L
BIS(2-CHLOROISOPROPYL)ETHER	ND (0.01)	mg/L
BIS(2-ETHYLHEXYL)PHTHALATE	ND (0.01)	mg/L
BROMOPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/L
BUTYL BENZYL PHTHALATE	ND (0.01)	mg/L
CHLORONAPHTHALENE, 2-	ND (0.01)	mg/L
CHLOROPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/L
CHRYSENE	ND (0.01)	mg/L
DI-N-BUTYLPHTHALATE	ND (0.01)	mg/L
DIBENZO(A,H)ANTHRACENE	ND (0.01)	mg/L
DICHLOROBENZENE, 1,2-	ND (0.01)	mg/L
DICHLOROBENZENE, 1,3-	ND (0.01)	mg/L
DICHLOROBENZENE, 1,4-	ND (0.01)	mg/L
DICHLOROBENZIDINE, 3,3'-	ND (0.01)	mg/L
DIETHYLPHTHALATE	ND (0.01)	mg/L
DIMETHYLPHTHALATE	ND (0.01)	mg/L
DINITROTOLUENE 2,4-	ND (0.01)	mg/L
DINITROTOLUENE 2,6-	ND (0.01)	mg/L
DIOCTYLPHTHALATE	ND (0.01)	mg/L
DIPHENYLHYDRAZINE 1,2-	ND (0.01)	mg/L
FLUORANTHENE	ND (0.01)	mg/L
FLUORENE	ND (0.01)	mg/L
HEXACHLOROBENZENE	ND (0.01)	mg/L
HEXACHLOROBUTADIENE	ND (0.01)	mg/L
HEXACHLOROCYCLOPENTADIENE	ND (0.01)	mg/L
HEXACHLOROETHANE	ND (0.01)	mg/L
INDENO(1,2,3-CD)PYRENE	ND (0.01)	mg/L

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

(Red)

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4048
ERG SAMPLE NO: 08/094269
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
ISOPHORONE	ND (0.01)	mg/L
N-NITROSODI-N-PROPYLAMINE	ND (0.01)	mg/L
N-NITROSODIMETHYLAMINE	ND (0.01)	mg/L
N-NITROSODIPHENYLAMINE	ND (0.01)	mg/L
NAPHTHALENE	ND (0.01)	mg/L
NITROBENZENE	ND (0.01)	mg/L
PHENANTHRENE	ND (0.01)	mg/L
PYRENE	ND (0.01)	mg/L
TETRACHLORODIBENZO-P-DIOXIN	ND (0.01)	mg/L
RICHLOROBENZENE, 1,2,4-	ND (0.01)	mg/L
.. SCAN	ND (0.01)	mg/L
ACID FRACTION (PRIOR. POLLS. METH 625)		
CHLOROPHENOL, 2-	ND (0.01)	mg/L
NITROPHENOL, 2-	ND (0.01)	mg/L
PHENOL	ND (0.01)	mg/L
DIMETHYLPHENOL, 2,4-	ND (0.01)	mg/L
DICHLOROPHENOL, 2,4-	ND (0.01)	mg/L
TRICHLOROPHENOL, 2,4,6-	ND (0.01)	mg/L
CHLORO-3-METHYLPHENOL, 4-	ND (0.01)	mg/L
DINITROPHENOL, 2,4-	ND (0.01)	mg/L
METHYL-4,6-DINITROPHENOL, 2-	ND (0.01)	mg/L
PENTACHLOROPHENOL	ND (0.01)	mg/L
NITROPHENOL, 4-	ND (0.01)	mg/L
ACID SCAN	ND (0.01)	mg/L
P. POLL PEST. AND PCB'S		
ALDRIN	ND (0.10)	ug/L
-BHC	ND (0.10)	ug/L
-BHC	ND (0.10)	ug/L
d-BHC	ND (0.10)	ug/L
g-BHC	ND (0.10)	ug/L
CHLORDANE	ND (0.10)	ug/L
4,4'-DDD	ND (0.020)	ug/L
4,4'-DDE	ND (0.20)	ug/L
4,4'-DDT	ND (0.10)	ug/L
DIELDRIN	ND (0.040)	ug/L
ENDOSULFAN I	ND (0.030)	ug/L
ENDOSULFAN II	ND (0.020)	ug/L
ENDOSULFAN SULFATE	ND (0.050)	ug/L
ENDRIN	ND (0.047)	ug/L
ENDRIN ALDEHYDE	ND (0.12)	ug/L
HEPTACHLOR	ND (0.10)	ug/L
HEPTACHLOR EPOXIDE	ND (0.070)	ug/L

CONTINUED

 SEE LAST PAGE FOR EXPLANATION OF SYMBOLS

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

(Red)

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4048
ERG SAMPLE NO: 08/094269
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
TOXAPHENE	ND (0.20)	ug/L
PCB 1016	ND (0.10)	ug/L
PCB 1221	ND (0.10)	ug/L
PCB 1232	ND (0.10)	ug/L
PCB 1242	ND (0.10)	ug/L
PCB 1248	ND (0.10)	ug/L
PCB 1254	ND (0.10)	ug/L
PCB 1260	ND (0.10)	ug/L
DIOXIN SCREEN (BY GC-EC)	ND (0.080)	ug/L

CLIENT I.D.: C-4049
ERG SAMPLE NO: 08/094270
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
VOLATILE FRACTION (PRIOR. POLLS. EPA METH 624)		
ACROLEIN	ND (0.01)	mg/L
ACRYLONITRILE	ND (0.01)	mg/L
BENZENE	ND (0.01)	mg/L
BROMODICHLOROMETHANE	ND (0.01)	mg/L
BROMOFORM	ND (0.01)	mg/L
BROMOMETHANE	ND (0.01)	mg/L
CARBON TETRACHLORIDE	ND (0.01)	mg/L
CHLOROBENZENE	ND (0.01)	mg/L
CHLOROETHANE	ND (0.01)	mg/L
CHLOROETHYLVINYLETHER,2	ND (0.01)	mg/L
CHLOROFORM	<0.01	mg/L
CHLOROMETHANE	ND (0.01)	mg/L
CIS-1,3-DICHLOROPROPENE	ND (0.01)	mg/L
DIBROMOCHLOROMETHANE	ND (0.01)	mg/L
DICHLOROETHANE, 1,1-	ND (0.01)	mg/L
DICHLOROETHANE, 1,2-	ND (0.01)	mg/L
DICHLOROETHENE, 1,1-	ND (0.01)	mg/L
DICHLOROPROPANE, 1,2-	ND (0.01)	mg/L
ETHYLBENZENE	ND (0.01)	mg/L
METHYLENE CHLORIDE	3.3	mg/L
TETRACHLOROETHANE, 1,1,2,2-	ND (0.01)	mg/L
TETRACHLOROETHENE	ND (0.01)	mg/L
TOLUENE	<0.01	mg/L
TRANS-1,3-DICHLOROPROPENE	ND (0.01)	mg/L
TRANS-1,2-DICHLOROETHYLENE	ND (0.01)	mg/L

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4049
ERG SAMPLE NO: 08/094270
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
TRICHLOROETHANE, 1,1,1-	ND (0.01)	mg/L
TRICHLOROETHANE, 1,1,2-	ND (0.01)	mg/L
TRICHLOROETHENE	ND (0.01)	mg/L
TRICHLOROFLUOROMETHANE	ND (0.01)	mg/L
VINYL CHLORIDE	ND (0.01)	mg/L
VOLATILE ORGANIC SCAN	ND (0.01)	mg/L
B/N FRACTION (PRIOR. POLLS METH. 625)		
ACENAPTHENE	ND (0.01)	mg/L
ACENAPTHYLENE	ND (0.01)	mg/L
ANTHRACENE	ND (0.01)	mg/L
BENZIDINE	ND (0.01)	mg/L
BENZO(A)ANTHRACENE	ND (0.01)	mg/L
BENZO(A)PYRENE	ND (0.01)	mg/L
BENZO(B)FLUORANTHENE	ND (0.01)	mg/L
BENZO(K)FLUORANTHENE	ND (0.01)	mg/L
BENZO(G,H,I)PERYLENE	ND (0.01)	mg/L
BIS(2-CHLOROETHYL)ETHER	ND (0.01)	mg/L
BIS(2-CHLORETHOXY)METHANE	ND (0.01)	mg/L
BIS(2-CHLOROISOPROPYL)ETHER	ND (0.01)	mg/L
BIS(2-ETHYLHEXYL)PHTHALATE	ND (0.01)	mg/L
BROMOPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/L
BUTYL BENZYL PHTHALATE	ND (0.01)	mg/L
CHLORONAPHTHALENE, 2-	ND (0.01)	mg/L
CHLOROPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/L
CHRYSENE	ND (0.01)	mg/L
DI-N-BUTYLPHTHALATE	ND (0.01)	mg/L
DIBENZO(A,H)ANTHRACENE	ND (0.01)	mg/L
DICHLOROBENZENE, 1,2-	ND (0.01)	mg/L
DICHLOROBENZENE, 1,3-	ND (0.01)	mg/L
DICHLOROBENZENE, 1,4-	ND (0.01)	mg/L
DICHLOROBENZIDINE, 3,3'-	ND (0.01)	mg/L
DIETHYLPHTHALATE	ND (0.01)	mg/L
DIMETHYLPHTHALATE	ND (0.01)	mg/L
DINITROTOLUENE 2,4-	ND (0.01)	mg/L
DINITROTOLUENE 2,6-	ND (0.01)	mg/L
DIOCTYLPHTHALATE	ND (0.01)	mg/L
DIPHENYLHYDRAZINE 1,2-	ND (0.01)	mg/L
FLUORANTHENE	ND (0.01)	mg/L
FLUORENE	ND (0.01)	mg/L
HEXACHLOROBENZENE	ND (0.01)	mg/L
HEXACHLOROBUTADIENE	ND (0.01)	mg/L
HEXACHLOROCYCLOPENTADIENE	ND (0.01)	mg/L

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 SEE LAST PAGE FOR EXPLANATION OF SYMBOLS

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4049
ERG SAMPLE NO: 08/094270
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
HEXACHLOROETHANE	ND (0.01)	mg/L
INDENO(1,2,3-CD)PYRENE	ND (0.01)	mg/L
ISOPHORONE	ND (0.01)	mg/L
N-NITROSODI-N-PROPYLAMINE	ND (0.01)	mg/L
N-NITROSODIMETHYLAMINE	ND (0.01)	mg/L
N-NITROSODIPHENYLAMINE	ND (0.01)	mg/L
NAPHTHALENE	ND (0.01)	mg/L
NITROBENZENE	ND (0.01)	mg/L
PHENANTHRENE	ND (0.01)	mg/L
RENE	ND (0.01)	mg/L
ETRACHLORODIBENZO-P-DIOXIN	ND (0.01)	mg/L
TRICHLOROBENZENE,1,2,4-	ND (0.01)	mg/L
/N SCAN	ND (0.01)	mg/L
CID FRACTION (PRIOR. POLLS. METH 625)		
CHLOROPHENOL, 2-	ND (0.01)	mg/L
NITROPHENOL, 2-	ND (0.01)	mg/L
PHENOL	ND (0.01)	mg/L
DIMETHYLPHENOL, 2,4-	ND (0.01)	mg/L
DICHLOROPHENOL, 2,4-	ND (0.01)	mg/L
TRICHLOROPHENOL, 2,4,6-	ND (0.01)	mg/L
CHLORO-3-METHYLPHENOL, 4-	ND (0.01)	mg/L
DINITROPHENOL, 2,4-	ND (0.01)	mg/L
METHYL-4,6-DINITROPHENOL, 2-	ND (0.01)	mg/L
PENTACHLOROPHENOL	ND (0.01)	mg/L
NITROPHENOL, 4-	ND (0.01)	mg/L
ID SCAN	ND (0.01)	mg/L
LL PEST. AND PCB'S		
ALDRIN	ND (0.10)	ug/L
a-BHC	ND (0.10)	ug/L
b-BHC	ND (0.10)	ug/L
d-BHC	ND (0.10)	ug/L
g-BHC	ND (0.10)	ug/L
CHLORDANE	ND (0.10)	ug/L
,4'-DDD	ND (0.020)	ug/L
,4'-DDE	ND (0.20)	ug/L
,4'-DDT	ND (0.10)	ug/L
DIELDRIN	ND (0.040)	ug/L
ENDOSULFAN I	ND (0.030)	ug/L
ENDOSULFAN II	ND (0.020)	ug/L
ENDOSULFAN SULFATE	ND (0.050)	ug/L
ENDRIN	ND (0.047)	ug/L
ENDRIN ALDEHYDE	ND (0.12)	ug/L
HEPTACHLOR	ND (0.10)	ug/L

CONTINUED

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4049
ERG SAMPLE NO: 08/094270
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
HEPTACHLOR EPOXIDE	ND (0.070)	ug/L
TOXAPHENE	ND (0.20)	ug/L
PCB 1016	ND (0.10)	ug/L
PCB 1221	ND (0.10)	ug/L
PCB 1232	ND (0.10)	ug/L
PCB 1242	ND (0.10)	ug/L
PCB 1248	ND (0.10)	ug/L
PCB 1254	ND (0.10)	ug/L
PCB 1260	ND (0.10)	ug/L
DIOXIN SCREEN (BY GC-EC)	ND (0.080)	ug/L

CLIENT I.D.: C-4050
ERG SAMPLE NO: 08/094271
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
VOLATILE FRACTION (PRIOR. POLLS. EPA METH 624)		
ACROLEIN	ND (0.01)	mg/L
ACRYLONITRILE	ND (0.01)	mg/L
BENZENE	ND (0.01)	mg/L
BROMODICHLOROMETHANE	<0.01	mg/L
BROMOFORM	ND (0.01)	mg/L
BROMOMETHANE	ND (0.01)	mg/L
CARBON TETRACHLORIDE	ND (0.01)	mg/L
CHLOROBENZENE	ND (0.01)	mg/L
CHLOROETHANE	ND (0.01)	mg/L
CHLOROETHYLVINYLETHER,2	ND (0.01)	mg/L
CHLOROFORM	0.03	mg/L
CHLOROMETHANE	ND (0.01)	mg/L
CIS-1,3-DICHLOROPROPENE	ND (0.01)	mg/L
DIBROMOCHLOROMETHANE	<0.01	mg/L
DICHLOROETHANE, 1,1-	ND (0.01)	mg/L
DICHLOROETHANE, 1,2-	ND (0.01)	mg/L
DICHLOROETHENE, 1,1-	ND (0.01)	mg/L
DICHLOROPROPANE, 1,2-	ND (0.01)	mg/L
ETHYLBENZENE	ND (0.01)	mg/L
METHYLENE CHLORIDE	ND (0.01)	mg/L
TETRACHLOROETHANE, 1,1,2,2-	ND (0.01)	mg/L
TETRACHLOROETHENE	<0.01	mg/L
TOLUENE	<0.01	mg/L

CONTINUED

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4050
ERG SAMPLE NO: 08/094271
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
TRANS-1,3-DICHLOROPROPENE	ND (0.01)	mg/L
TRANS-1,2-DICHLOROETHYLENE	ND (0.01)	mg/L
TRICHLOROETHANE, 1,1,1-	ND (0.01)	mg/L
TRICHLOROETHANE, 1,1,2-	ND (0.01)	mg/L
TRICHLOROETHENE	ND (0.01)	mg/L
TRICHLOROFLUOROMETHANE	<0.01	mg/L
VINYL CHLORIDE	ND (0.01)	mg/L
VOLATILE ORGANIC SCAN	ND (0.01)	mg/L
1 FRACTION (PRIOR. POLLS METH. 625)		
ACENAPTHENE	ND (0.01)	mg/L
ACENAPTHYLENE	ND (0.01)	mg/L
ANTHRACENE	ND (0.01)	mg/L
BENZIDINE	ND (0.01)	mg/L
BENZO(A)ANTHRACENE	ND (0.01)	mg/L
BENZO(A)PYRENE	ND (0.01)	mg/L
BENZO(B)FLUORANTHENE	ND (0.01)	mg/L
BENZO(K)FLUORANTHENE	ND (0.01)	mg/L
BENZO(G,H,I)PERYLENE	ND (0.01)	mg/L
BIS(2-CHLOROETHYL)ETHER	ND (0.01)	mg/L
BIS(2-CHLORETHOXY)METHANE	ND (0.01)	mg/L
BIS(2-CHLOROISOPROPYL)ETHER	ND (0.01)	mg/L
BIS(2-ETHYLHEXYL)PHTHALATE	ND (0.01)	mg/L
BROMOPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/L
BUTYL BENZYL PHTHALATE	ND (0.01)	mg/L
CHLORONAPHTHALENE, 2-	ND (0.01)	mg/L
CHLOROPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/L
CHRYSENE	ND (0.01)	mg/L
DI-N-BUTYLPHTHALATE	ND (0.01)	mg/L
DIBENZO(A,H)ANTHRACENE	ND (0.01)	mg/L
DICHLOROBENZENE, 1,2-	ND (0.01)	mg/L
DICHLOROBENZENE, 1,3-	ND (0.01)	mg/L
DICHLOROBENZENE, 1,4-	ND (0.01)	mg/L
DICHLOROBENZIDINE, 3,3'-	ND (0.01)	mg/L
DIETHYLPHTHALATE	ND (0.01)	mg/L
DIMETHYLPHTHALATE	ND (0.01)	mg/L
DINITROTOLUENE 2,4-	ND (0.01)	mg/L
DINITROTOLUENE 2,6-	ND (0.01)	mg/L
DIOCTYLPHTHALATE	ND (0.01)	mg/L
DIPHENYLHYDRAZINE 1,2-	ND (0.01)	mg/L
FLUORANTHENE	ND (0.01)	mg/L
FLUORENE	ND (0.01)	mg/L
HEXACHLOROBENZENE	ND (0.01)	mg/L

CONTINUED

 SEE LAST PAGE FOR EXPLANATION OF SYMBOLS

- If high enough levels of pesticides are detected, provide spectra of all pesticides identified by GC/MS, as well as GC/EC chromatograms for sample and standard.

- When pesticides are detected at levels too low to be verified by GC/MS, provide chromatograms showing a comparison of sample with standards for two different GC columns. Pesticide compounds in both sample and standard chromatograms should be clearly labelled with compound names.

- If it is not possible to perform all analyses on a sample, but at least one analysis is performed, the laboratory will still be reimbursed as if all analyses were performed. For example, if insufficient sample is present to perform an analysis, or if an accident occurs and insufficient sample remains to re-analyse the lost fraction, the laboratory will still be paid in full in order to cover the expenditure of time and effort and the fixed overhead, which is not covered in a separate fee under this subcontract.

- The abovementioned statement regarding reimbursements for partial analyses does not apply to spikes, matrix spike duplicates, or blanks: The laboratory will be paid only for the number of complete analyses for all fractions in the case of spikes or spike duplicates or laboratory blanks. For example, the laboratory will be paid for 2 laboratory blanks if 2 A/B/N, 2 pesticides, and 4 VOA laboratory blanks were analysed.

General QA/QC

- Chain of Custody must be followed. A form will be sent with the samples. All original forms must be returned with the results.

- Leftover sample remaining after analyses have been completed must be saved for 60 days, in case further analysis is desired.

- Extracts should be saved for 6 months, but do not have to be refridgerated. Magnetic tape data should be saved for two years.

- One matrix spike and matrix spike duplicate must be performed on all fractions, for each matrix, water or soil. Spike with as many compounds as are currently in a stock mix and report all levels found.

- One laboratory (method) blank must be performed on all fractions, for each matrix, water or soil. Run one VOA blank before each case, after every spike or standard, or more often as needed. Report all VOA blank results (as well as results for all other blanks).

- Homogenize solids carefully.

GC/MS QA/QC

- Must meet EPA criteria for BFB and DFTPP, within previous 8 hours to all sample runs.

- Calibrate with all priority pollutant compounds every 8 hours. Run approximately 50ng each (between 20 and 150ng). Should be able to see all compounds in standards.

- If benzidine or 3,3'-dichlorobenzidine is available in current laboratory in-house standards, run a chromatography check every 8 hours using no more than 100ng of one of these compounds. Single ion chromatograms should be provided for the chromatography check runs.

- The following minimum number of internal standards and surrogates must be used in every sample run:

Internal Standards	Surrogate spikes
VOA's: 3	VOA's: 2
Acid/Base/Neutrals: 3	Acids: 1
Pesticides: 1	Base/Neutrals: 2
	Pesticides: 1

- Internal standards must be used for all relative retention time identifications, as well as for all quantitation.

- Add approximately 100 ug (± 50ug) of each surrogate prior to extraction of acid/base/neutrals or pesticides. Higher levels may be used if matrix interferences are expected to cause problems in surrogate detection (due to extract dilution, concentration limitations, etc.).

- Add approximately 100 ng of each surrogate prior to VOA analysis.

Detection Limits

- Detection limits may be affected by matrix problems. For clean water samples, approximately 10ppb detection limits are expected for VOA's and acid/base neutrals, and 0.01ppb for pesticides analyzed by GC/EC. (It is understood that certain compounds, such as acrolein, acrylonitrile, 4-nitrophenol, benzidine, PCB's, and chlordane may have slightly higher detection limits.)

- The following amounts of sample should be extracted and/or analyzed if matrix problems are minimal:
  Waters: 1 L for A/B/N's or pesticides, 5-10ml for VOA's
  Solids: 25-50 grams for A/B/N's or pesticides, 5-10 grams for VOA's.

- If it is not possible to meet these detection limits or to extract/analyze these amounts, an explanation should be documented in the results.

Documentation

ORIGINAL

- Results should be reported as follows: For each sample, list all compounds analyzed for, with either the amount detected, or the approximate detection limit next to each compound. Results should be reported in ug/l or mg/kg.

- For organic results, if less than detection limit values are found, report as such. (A footnote may be used to indicate that quantitations less than the detection limit may not be as accurate.) All positive results observed must be reported if greater than approximately 0.1 times detection limits.

- Quantitations should be reported to two significant figures for priority pollutants, and to one significant figure for non-priority pollutant, tentatively identified compounds.

- Include total ion chromatograms of each sample, spike, duplicate, blank, or standard normalized to the largest non-solvent peak. Label all peaks as internal standards, surrogate, or tentatively identified, using appropriate symbols.

- Include automated quantitation lists printed by computer for all blanks, samples, spikes, duplicates, and standards. Indicate false positives and verified results on each quantitation list.

- Include sample spectra of all priority pollutants seen in each sample.

- Include sample spectra and spectra of the 3 best library matches for all non-priority pollutant, tentatively identified compounds in each sample. Utilize a purity search for library matching if this is possible.

- Report all surrogate recoveries and matrix spike recoveries, including amount added and recovered. If zero recoveries, check for a problem, and document the explanation in the results. Calculate and report the relative percent difference (difference divided by mean) for all matrix spike and matrix spike duplicate recoveries.

- Report the extraction weight/volume, the final extract volume, and the injection volume for each sample, for each analytical fraction.

- Provide BFB and DFTPP intensity lists and spectra for each run.

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4050
ERG SAMPLE NO: 08/094271
MATRIX: NATURAL WATER
DATE COLLECTED: 09-16-83

PARAMETER	RESULTS	UNITS
HEXACHLOROBUTADIENE	ND (0.01)	mg/L
HEXACHLOROCYCLOPENTADIENE	ND (0.01)	mg/L
HEXACHLOROETHANE	ND (0.01)	mg/L
INDENO(1,2,3-CD)PYRENE	ND (0.01)	mg/L
ISOPHORONE	ND (0.01)	mg/L
N-NITROSODI-N-PROPYLAMINE	ND (0.01)	mg/L
N-NITROSODIMETHYLAMINE	ND (0.01)	mg/L
N-NITROSODIPHENYLAMINE	ND (0.01)	mg/L
NAPHTHALENE	ND (0.01)	mg/L
NITROBENZENE	ND (0.01)	mg/L
PHENANTHRENE	ND (0.01)	mg/L
PYRENE	ND (0.01)	mg/L
TETRACHLORODIBENZO-P-DIOXIN	ND (0.01)	mg/L
TRICHLOROBENZENE,1,2,4-	ND (0.01)	mg/L
B/N SCAN	SR	
ACID FRACTION (PRIOR. POLLS. METH 625)		
CHLOROPHENOL, 2-	ND (0.01)	mg/L
NITROPHENOL, 2-	ND (0.01)	mg/L
PHENOL	ND (0.01)	mg/L
DIMETHYLPHENOL, 2,4-	ND (0.01)	mg/L
DICHLOROPHENOL, 2,4-	ND (0.01)	mg/L
TRICHLOROPHENOL, 2,4,6-	ND (0.01)	mg/L
CHLORO-3-METHYLPHENOL, 4-	ND (0.01)	mg/L
DINITROPHENOL, 2,4-	ND (0.01)	mg/L
METHYL-4,6-DINITROPHENOL, 2-	ND (0.01)	mg/L
PENTACHLOROPHENOL	ND (0.01)	mg/L
NITROPHENOL, 4-	ND (0.01)	mg/L
ACID SCAN	ND (0.01)	mg/L
P. POLL PEST. AND PCB'S		
ALDRIN	ND (0.10)	ug/L
a-BHC	ND (0.10)	ug/L
b-BHC	ND (0.10)	ug/L
d-BHC	ND (0.10)	ug/L
g-BHC	ND (0.10)	ug/L
CHLORDANE	ND (0.10)	ug/L
4,4'-DDD	ND (0.020)	ug/L
4,4'-DDE	ND (0.20)	ug/L
4,4'-DDT	ND (0.10)	ug/L
DIELDRIN	ND (0.040)	ug/L
ENDOSULFAN I	ND (0.030)	ug/L
ENDOSULFAN II	ND (0.020)	ug/L
ENDOSULFAN SULFATE	ND (0.050)	ug/L

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

ORIGINAL

CLIENT I.D.: C-4050
ERG SAMPLE NO: 08/094271
MATRIX: NATURAL WATER
DATE COLLECTED: 09-16-83

PARAMETER	RESULTS	UNITS
ENDRIN	ND (0.047)	ug/L
ENDRIN ALDEHYDE	ND (0.12)	ug/L
HEPTACHLOR	ND (0.10)	ug/L
HEPTACHLOR EPOXIDE	ND (0.070)	ug/L
TOXAPHENE	ND (0.20)	ug/L
PCB 1016	ND (0.10)	ug/L
PCB 1221	ND (0.10)	ug/L
PCB 1232	ND (0.10)	ug/L
PCB 1242	ND (0.10)	ug/L
PCB 1248	ND (0.10)	ug/L
PCB 1254	ND (0.10)	ug/L
PCB 1260	ND (0.10)	ug/L
DIOXIN SCREEN (BY GC-EC)	ND (0.080)	ug/L

CLIENT I.D.: C-4051
ERG SAMPLE NO: 08/094272
MATRIX: NATURAL WATER
DATE COLLECTED: 09-16-83

PARAMETER	RESULTS	UNITS
VOLATILE FRACTION (PRIOR. POLLS. EPA METH 624)		
ACROLEIN	ND (0.01)	mg/L
ACRYLONITRILE	ND (0.01)	mg/L
BENZENE	ND (0.01)	mg/L
BROMODICHLOROMETHANE	ND (0.01)	mg/L
BROMOFORM	ND (0.01)	mg/L
BROMOMETHANE	ND (0.01)	mg/L
CARBON TETRACHLORIDE	ND (0.01)	mg/L
CHLOROBENZENE	ND (0.01)	mg/L
CHLOROETHANE	ND (0.01)	mg/L
CHLOROETHYLVINYLETHER,2	ND (0.01)	mg/L
CHLOROFORM	<0.01	mg/L
CHLOROMETHANE	ND (0.01)	mg/L
CIS-1,3-DICHLOROPROPENE	ND (0.01)	mg/L
DIBROMOCHLOROMETHANE	ND (0.01)	mg/L
DICHLOROETHANE, 1,1-	ND (0.01)	mg/L
DICHLOROETHANE, 1,2-	ND (0.01)	mg/L
DICHLOROETHENE, 1,1-	ND (0.01)	mg/L
DICHLOROPROPANE, 1,2-	ND (0.01)	mg/L
ETHYLBENZENE	ND (0.01)	mg/L
METHYLENE CHLORIDE	0.27	mg/L

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

(Red)

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4051
ERG SAMPLE NO. 03/094272
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
TETRACHLOROETHANE, 1,1,2,2-	ND (0.01)	mg/L
TETRACHLOROETHENE	ND (0.01)	mg/L
TOLUENE	ND (0.01)	mg/L
TRANS-1,3-DICHLOROPROPENE	ND (0.01)	mg/L
TRANS-1,2-DICHLOROETHYLENE	ND (0.01)	mg/L
TRICHLOROETHANE, 1,1,1-	ND (0.01)	mg/L
TRICHLOROETHANE, 1,1,2-	ND (0.01)	mg/L
TRICHLOROETHENE	ND (0.01)	mg/L
TRICHLOROFLUOROMETHANE	<0.01	mg/L
VINYL CHLORIDE	ND (0.01)	mg/L
VOLATILE ORGANIC SCAN	ND (0.01)	mg/L
B/N FRACTION (PRIOR. POLLS METH. 625)		
ACENAPTHENE	ND (0.01)	mg/L
ACENAPTHYLENE	ND (0.01)	mg/L
ANTHRACENE	ND (0.01)	mg/L
BENZIDINE	ND (0.01)	mg/L
BENZO(A)ANTHRACENE	ND (0.01)	mg/L
BENZO(A)PYRENE	ND (0.01)	mg/L
BENZO(B)FLUORANTHENE	ND (0.01)	mg/L
BENZO(K)FLUORANTHENE	ND (0.01)	mg/L
BENZO(G,H,I)PERYLENE	ND (0.01)	mg/L
BIS(2-CHLOROETHYL)ETHER	ND (0.01)	mg/L
BIS(2-CHLORETHOXY)METHANE	ND (0.01)	mg/L
BIS(2-CHLOROISOPROPYL)ETHER	ND (0.01)	mg/L
BIS(2-ETHYLHEXYL)PHTHALATE	ND (0.01)	mg/L
BROMOPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/L
BUTYL BENZYL PHTHALATE	ND (0.01)	mg/L
CHLORONAPHTHALENE, 2-	ND (0.01)	mg/L
CHLOROPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/L
CHRYSENE	ND (0.01)	mg/L
DI-N-BUTYLPHTHALATE	ND (0.01)	mg/L
DIBENZO(A,H)ANTHRACENE	ND (0.01)	mg/L
DICHLOROBENZENE, 1,2-	ND (0.01)	mg/L
DICHLOROBENZENE, 1,3-	ND (0.01)	mg/L
DICHLOROBENZENE, 1,4-	ND (0.01)	mg/L
DICHLOROBENZIDINE, 3,3'-	ND (0.01)	mg/L
DIETHYLPHTHALATE	ND (0.01)	mg/L
DIMETHYLPHTHALATE	ND (0.01)	mg/L
DINITROTOLUENE 2,4-	ND (0.01)	mg/L
DINITROTOLUENE 2,6-	ND (0.01)	mg/L
DIOCTYLPHTHALATE	ND (0.01)	mg/L
DIPHENYLHYDRAZINE 1,2-	ND (0.01)	mg/L

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4051
ERG SAMPLE NO: 03/094272
MATRIX: NATURAL WATER
DATE COLLECTED: 03-16-83

PARAMETER	RESULTS	UNITS
FLUORANTHENE	ND (0.01)	mg/L
FLUORENE	ND (0.01)	mg/L
HEXACHLOROBENZENE	ND (0.01)	mg/L
HEXACHLOROBUTADIENE	ND (0.01)	mg/L
HEXACHLOROCYCLOPENTADIENE	ND (0.01)	mg/L
HEXACHLOROETHANE	ND (0.01)	mg/L
INDENO(1,2,3-CD)PYRENE	ND (0.01)	mg/L
ISOPHORONE	ND (0.01)	mg/L
N-NITROSODI-N-PROPYLAMINE	ND (0.01)	mg/L
N-NITROSODIMETHYLAMINE	ND (0.01)	mg/L
N-NITROSODIPHENYLAMINE	ND (0.01)	mg/L
NAPHTHALENE	ND (0.01)	mg/L
NITROBENZENE	ND (0.01)	mg/L
PHENANTHRENE	ND (0.01)	mg/L
PYRENE	ND (0.01)	mg/L
TETRACHLORODIBENZO-P-DIOXIN	ND (0.01)	mg/L
TRICHLOROBENZENE,1,2,4-	ND (0.01)	mg/L
/N SCAN	ND (0.01)	mg/L
CID FRACTION (PRIOR. POLLS. METH 625)		
CHLOROPHENOL, 2-	ND (0.01)	mg/L
NITROPHENOL, 2-	ND (0.01)	mg/L
PHENOL	ND (0.01)	mg/L
DIMETHYLPHENOL, 2,4-	ND (0.01)	mg/L
DICHLOROPHENOL, 2,4-	ND (0.01)	mg/L
TRICHLOROPHENOL, 2,4,6-	ND (0.01)	mg/L
PLORO-3-METHYLPHENOL, 4-	ND (0.01)	mg/L
DINITROPHENOL, 2,4-	ND (0.01)	mg/L
METHYL-4,6-DINITROPHENOL, 2-	ND (0.01)	mg/L
PENTACHLOROPHENOL	ND (0.01)	mg/L
NITROPHENOL, 4-	ND (0.01)	mg/L
CID SCAN	ND (0.01)	mg/L
POLL PEST. AND PCB'S		
ALDRIN	ND (0.10)	ug/L
a-BHC	ND (0.10)	ug/L
b-BHC	ND (0.10)	ug/L
d-BHC	ND (0.10)	ug/L
g-BHC	ND (0.10)	ug/L
CHLORDANE	ND (0.10)	ug/L
4,4'-DDD	ND (0.020)	ug/L
4,4'-DDE	ND (0.20)	ug/L
4,4'-DDT	ND (0.10)	ug/L
DIELDRIN	ND (0.040)	ug/L

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4051
ERG SAMPLE NO: 08/094272
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
ENDOSULFAN I	ND (0.030)	ug/L
ENDOSULFAN II	ND (0.020)	ug/L
ENDOSULFAN SULFATE	ND (0.050)	ug/L
ENDRIN	ND (0.047)	ug/L
ENDRIN ALDEHYDE	ND (0.12)	ug/L
HEPTACHLOR	ND (0.10)	ug/L
HEPTACHLOR EPOXIDE	ND (0.070)	ug/L
TOXAPHENE	ND (0.20)	ug/L
PCB 1016	ND (0.10)	ug/L
PCB 1221	ND (0.10)	ug/L
PCB 1232	ND (0.10)	ug/L
PCB 1242	ND (0.10)	ug/L
PCB 1248	ND (0.10)	ug/L
PCB 1254	ND (0.10)	ug/L
PCB 1260	ND (0.10)	ug/L
DIOXIN SCREEN (BY GC-EC)	ND (0.090)	ug/L

CLIENT I.D.: C-4051 SPIKE A
ERG SAMPLE NO: 09/094273
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
VOLATILE FRACTION (PRIOR. POLLS. EPA METH 624)		
ACROLEIN	84	%
ACRYLONITRILE	81	%
BENZENE	120	%
BROMODICHLOROMETHANE	127	%
BROMOFORM	108	%
BROMOMETHANE	0	
CARBON TETRACHLORIDE	149	%
CHLOROBENZENE	87	%
CHLOROETHANE	0	
CHLOROETHYLVINYLETHER,2	174	%
CHLOROFORM	126	%
CHLOROMETHANE	0	
CIS-1,3-DICHLOROPROPENE	172	%
DIBROMOCHLOROMETHANE	111	%
DICHLOROETHANE, 1,1-	106	%
DICHLOROETHANE, 1,2-	152	%
DICHLOROETHENE, 1,1-	97	%

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ORIGINAL

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4051 SPIKE A
ERG SAMPLE NO: 09/094273
MATRIX: NATURAL WATER
DATE COLLECTED: 03-16-83

PARAMETER	RESULTS	UNITS
DICHLOROPROPANE, 1,2-	134	%
ETHYLBENZENE	96	%
METHYLENE CHLORIDE	627	%
TETRACHLOROETHANE, 1,1,2,2-	108	%
TETRACHLOROETHENE	92	%
TOLUENE	95	%
TRANS-1,3-DICHLOROPROPENE	129	%
TRANS-1,2-DICHLOROETHYLENE	114	%
TRICHLOROETHANE, 1,1,1-	138	%
.RICHLOROETHANE, 1,1,2-	103	%
TRICHLOROETHENE	119	%
TRICHLOROFLUOROMETHANE	98	%
VINYL CHLORIDE	0	
OLATILE ORGANIC SCAN	NA	
/N FRACTION (PRIOR. POLLS METH. 625)		
ACENAPTHENE	84	%
ACENAPTHYLENE	83	%
ANTHRACENE	105	%
BENZIDINE	56	%
BENZO(A)ANTHRACENE	61	%
BENZO(A)PYRENE	0	
BENZO(B)FLUORANTHENE	11	%
BENZO(K)FLUORANTHENE	0	
BENZO(G,H,I)PERYLENE	0	
BIS(2-CHLOROETHYL)ETHER	96	%
S(2-CHLORETHOXY)METHANE	48	%
S(2-CHLOROISOPROPYL)ETHER	82	%
BIS(2-ETHYLHEXYL)PHTHALATE	84	%
BROMOPHENYL PHENYL ETHER, 4-	60	%
BUTYL BENZYL PHTHALATE	9	%
CHLORONAPHTHALENE, 2-	0	
CHLOROPHENYL PHENYL ETHER, 4-	46	%
CHRYSENE	7	%
DI-N-BUTYLPHTHALATE	98	%
DIBENZO(A,H)ANTHRACENE	0	
DICHLOROBENZENE, 1,2-	45	%
DICHLOROBENZENE, 1,3-	53	%
DICHLOROBENZENE, 1,4-	51	%
DICHLOROBENZIDINE, 3,3'-	30	%
DIETHYLPHTHALATE	8	%
DIMETHYLPHTHALATE	0	
DINITROTOLUENE 2,4-	89	%

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ORIGINAL (Red)

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4051 SPIKE A
ERG SAMPLE NO: 08/094273
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
DINITROTOLUENE 2,6-	56	%
DIOCTYLPHTHALATE	74	%
DIPHENYLHYDRAZINE 1,2-	0	
FLUORANTHENE	70	%
FLUORENE	80	%
HEXACHLOROBENZENE	21	%
HEXACHLOROBUTADIENE	16	%
HEXACHLOROCYCLOPENTADIENE	36	%
HEXACHLOROETHANE	39	%
INDENO(1,2,3-CD)PYRENE	0	
ISOPHORONE	43	%
N-NITROSODI-N-PROPYLAMINE	52	%
N-NITROSODIMETHYLAMINE	26	%
N-NITROSODIPHENYLAMINE	494	%
NAPHTHALENE	84	%
NITROBENZENE	60	%
PHENANTHRENE	95	%
PYRENE	89	%
TETRACHLORODIBENZO-P-DIOXIN	0	
TRICHLOROBENZENE, 1,2,4-	25	%
B/N SCAN	NA	
ACID FRACTION (PRIOR. POLLS. METH 625)		
CHLOROPHENOL, 2-	76	%
NITROPHENOL, 2-	51	%
PHENOL	41	%
DIMETHYLPHENOL, 2,4-	52	%
DICHLOROPHENOL, 2,4-	57	%
TRICHLOROPHENOL, 2,4,6-	72	%
CHLORO-3-METHYLPHENOL, 4-	70	%
DINITROPHENOL, 2,4-	97	%
METHYL-4,6-DINITROPHENOL, 2-	119	%
PENTACHLOROPHENOL	49	%
NITROPHENOL, 4-	40	%
ACID SCAN	NA	
P. POLL PEST. AND PCB'S		
ALDRIN	74	%
a-BHC	NA	
b-BHC	NA	
d-BHC	NA	
g-BHC	60	%
CHLORDANE	NA	
4,4'-DDD	78	%

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 SEE LAST PAGE FOR EXPLANATION OF SYMBOLS

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N. U. S. CORPORATION 10-21-83

ORIGINAL (Red)

CLIENT I.D.: C-4051 SPIKE A
ERG SAMPLE NO: 08/094273
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
4,4'-DDE	90	%
4,4'-DDT	101	%
DIELDRIN	76	%
ENDOSULFAN I	75	%
ENDOSULFAN II	NA	
ENDOSULFAN SULFATE	70	%
ENDRIN	80	%
ENDRIN ALDEHYDE	50	%
HEPTACHLOR	41	%
HEPTACHLOR EPOXIDE	86	%
TOXAPHENE	NA	
PCB 1016	NA	
PCB 1221	NA	
PCB 1232	NA	
PCB 1242	NA	
PCB 1248	NA	
PCB 1254	NA	
PCB 1260	NA	
DIOXIN SCREEN (BY GC-EC)	NA	

CLIENT I.D.: C-4051 SPIKE B
ERG SAMPLE NO: 08/094274
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
VOLATILE FRACTION (PRIOR. POLLS. EPA METH 624)		
ACROLEIN	82	%
ACRYLONITRILE	82	%
BENZENE	133	%
BROMODICHLOROMETHANE	136	%
BROMOFORM	116	%
BROMOMETHANE	0	
CARBON TETRACHLORIDE	171	%
CHLOROBENZENE	94	%
CHLOROETHANE	0	
CHLOROETHYLVINYLETHER,2	183	%
CHLOROFORM	108	%
CHLOROMETHANE	0	
CIS-1,3-DICHLOROPROPENE	138	%
DIBROMOCHLOROMETHANE	118	%

CONTINUED

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

(Red)

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4051 SPIKE B
ERG SAMPLE NO: 08/094274
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
DICHLOROETHANE, 1,1-	114	%
DICHLOROETHANE, 1,2-	142	%
DICHLOROETHENE, 1,1-	110	%
DICHLOROPROPANE, 1,2-	146	%
ETHYLBENZENE	103	%
METHYLENE CHLORIDE	695	%
TETRACHLOROETHANE, 1,1,2,2-	107	%
TETRACHLOROETHENE	98	%
TOLUENE	103	%
TRANS-1,3-DICHLOROPROPENE	138	%
TRANS-1,2-DICHLOROETHYLENE	123	%
TRICHLOROETHANE, 1,1,1-	141	%
TRICHLOROETHANE, 1,1,2-	102	%
TRICHLOROETHENE	125	%
TRICHLOROFLUOROMETHANE	116	%
VINYL CHLORIDE	0	
VOLATILE ORGANIC SCAN	NA	
B/N FRACTION (PRIOR. POLLS METH. 625)		
ACENAPTHENE	60	%
ACENAPTHYLENE	81	%
ANTHRACENE	52	%
BENZIDINE	353	%
BENZO(A)ANTHRACENE	76	%
BENZO(A)PYRENE	0	
BENZO(B)FLUORANTHENE	11	%
BENZO(K)FLUORANTHENE	0	
BENZO(G,H,I)PERYLENE	0	
BIS(2-CHLOROETHYL)ETHER	56	%
BIS(2-CHLORETHOXY)METHANE	58	%
BIS(2-CHLOROISOPROPYL)ETHER	40	%
BIS(2-ETHYLHEXYL)PHTHALATE	92	%
BROMOPHENYL PHENYL ETHER, 4-	57	%
BUTYL BENZYL PHTHALATE	18	%
CHLORONAPHTHALENE, 2-	0	
CHLOROPHENYL PHENYL ETHER, 4-	37	%
CHRYSENE	11	%
DI-N-BUTYLPHTHALATE	89	%
DIBENZO(A,H)ANTHRACENE	0	
DICHLOROBENZENE, 1,2-	48	%
DICHLOROBENZENE, 1,3-	47	%
DICHLOROBENZENE, 1,4-	48	%
DICHLOROBENZIDINE, 3,3'-	49	%

CONTINUED

 SEE LAST PAGE FOR EXPLANATION OF SYMBOLS

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ORIGINAL (Red)

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4051 SPIKE B
ERG SAMPLE NO: 08/094274
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
DIETHYLPHTHALATE	54	%
DIMETHYLPHTHALATE	46	%
DINITROTOLUENE 2,4-	77	%
DINITROTOLUENE 2,6-	55	%
DIOCTYLPHTHALATE	91	%
DIPHENYLHYDRAZINE 1,2-	0	
FLUORANTHENE	49	%
FLUORENE	58	%
HEXACHLOROBENZENE	19	%
HEXACHLOROBUTADIENE	20	%
HEXACHLOROCYCLOPENTADIENE	29	%
HEXACHLOROETHANE	41	%
INDENO(1,2,3-CD)PYRENE	0	
ISOPHORONE	58	%
N-NITROSODI-N-PROPYLAMINE	42	%
N-NITROSODIMETHYLAMINE	42	%
N-NITROSODIPHENYLAMINE	275	%
NAPHTHALENE	63	%
NITROBENZENE	56	%
PHENANTHRENE	77	%
PYRENE	91	%
TETRACHLORODIBENZO-P-DIOXIN	0	
TRICHLOROBENZENE,1,2,4-	36	%
B/N SCAN	NA	
ACID FRACTION (PRIOR. POLLS. METH 625)		
CHLOROPHENOL, 2-	54	%
NITROPHENOL, 2-	50	%
PHENOL	29	%
DIMETHYLPHENOL, 2,4-	41	%
DICHLOROPHENOL, 2,4-	48	%
TRICHLOROPHENOL, 2,4,6-	64	%
CHLORO-3-METHYLPHENOL, 4-	59	%
DINITROPHENOL, 2,4-	42	%
METHYL-4,6-DINITROPHENOL, 2-	45	%
PENTACHLOROPHENOL	32	%
NITROPHENOL, 4-	45	%
ACID SCAN	NA	
P. POLL PEST. AND PCB'S		
ALDRIN	54	%
a-BHC	NA	
b-BHC	NA	
d-BHC	NA	

CONTINUED

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

(Red)

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4051 SPIKE B
ERG SAMPLE NO: 08/094274
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
g-BHC	50	%
CHLORDANE	NA	
4,4'-DDD	64	%
4,4'-DDE	73	%
4,4'-DDT	200	%
DIELDRIN	60	%
ENDOSULFAN I	59	%
ENDOSULFAN II	NA	
ENDOSULFAN SULFATE	25	%
ENDRIN	76	%
ENDRIN ALDEHYDE	41	%
HEPTACHLOR	61	%
HEPTACHLOR EPOXIDE	66	%
TOXAPHENE	NA	
PCB 1016	NA	
PCB 1221	NA	
PCB 1232	NA	
PCB 1242	NA	
PCB 1248	NA	
PCB 1254	NA	
PCB 1260	NA	
DIOXIN SCREEN (BY GC-EC)	NA	

CLIENT I.D.: C-4051 BLANK
ERG SAMPLE NO: 08/094275
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
VOLATILE FRACTION (PRIOR. POLLS. EPA METH 624)		
ACROLEIN	ND (0.01)	mg/L
ACRYLONITRILE	ND (0.01)	mg/L
BENZENE	ND (0.01)	mg/L
BROMODICHLOROMETHANE	ND (0.01)	mg/L
BROMOFORM	ND (0.01)	mg/L
BROMOMETHANE	ND (0.01)	mg/L
CARBON TETRACHLORIDE	ND (0.01)	mg/L
CHLOROBENZENE	ND (0.01)	mg/L
CHLOROETHANE	ND (0.01)	mg/L
CHLOROETHYLVINYLETHER,2	ND (0.01)	mg/L
CHLOROFORM	ND (0.01)	mg/L

CONTINUED

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ORIGINAL (Red)

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4051 BLANK
ERG SAMPLE NO: 08/094275
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	ND (0.01)	mg/L
CIS-1,3-DICHLOROPROPENE	ND (0.01)	mg/L
DIBROMOCHLOROMETHANE	ND (0.01)	mg/L
DICHLOROETHANE, 1,1-	ND (0.01)	mg/L
DICHLOROETHANE, 1,2-	ND (0.01)	mg/L
DICHLOROETHENE, 1,1-	ND (0.01)	mg/L
DICHLOROPROPANE, 1,2-	ND (0.01)	mg/L
ETHYLBENZENE	ND (0.01)	mg/L
METHYLENE CHLORIDE	ND (0.01)	mg/L
TETRACHLOROETHANE, 1,1,2,2-	ND (0.01)	mg/L
TETRACHLOROETHENE	ND (0.01)	mg/L
TOLUENE	ND (0.01)	mg/L
TRANS-1,3-DICHLOROPROPENE	ND (0.01)	mg/L
TRANS-1,2-DICHLOROETHYLENE	ND (0.01)	mg/L
TRICHLOROETHANE, 1,1,1-	ND (0.01)	mg/L
TRICHLOROETHANE, 1,1,2-	ND (0.01)	mg/L
TRICHLOROETHENE	ND (0.01)	mg/L
TRICHLOROFLUOROMETHANE	ND (0.01)	mg/L
VINYL CHLORIDE	ND (0.01)	mg/L
OLATILE ORGANIC SCAN	ND (0.01)	mg/L
/N FRACTION (PRIOR. POLLS METH. 625)		
ACENAPTHENE	ND (0.01)	mg/L
ACENAPTHYLENE	ND (0.01)	mg/L
ANTHRACENE	ND (0.01)	mg/L
BENZIDINE	ND (0.01)	mg/L
BENZO(A)ANTHRACENE	ND (0.01)	mg/L
BENZO(A)PYRENE	ND (0.01)	mg/L
BENZO(B)FLUORANTHENE	ND (0.01)	mg/L
BENZO(K)FLUORANTHENE	ND (0.01)	mg/L
BENZO(G,H,I)PERYLENE	ND (0.01)	mg/L
BIS(2-CHLOROETHYL)ETHER	ND (0.01)	mg/L
BIS(2-CHLORETHOXY)METHANE	ND (0.01)	mg/L
BIS(2-CHLOROISOPROPYL)ETHER	ND (0.01)	mg/L
BIS(2-ETHYLHEXYL)PHTHALATE	<0.01	mg/L
BROMOPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/L
BUTYL BENZYL PHTHALATE	ND (0.01)	mg/L
CHLORONAPHTHALENE, 2-	ND (0.01)	mg/L
CHLOROPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/L
CHRYSENE	ND (0.01)	mg/L
DI-N-BUTYLPHTHALATE	ND (0.01)	mg/L
DIBENZO(A,H)ANTHRACENE	ND (0.01)	mg/L
DICHLOROBENZENE, 1,2-	ND (0.01)	mg/L

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 SEE LAST PAGE FOR EXPLANATION OF SYMBOLS

US ENVIRONM NTAL PROTECTION AGENCY
HWI Sample Ma agement Office
P.O. Box 818 – Alexandria, Virginia 22313
703/557-2490 FTS 8-557-2490

(Red)

Sample No.
MC1313

INORGANICS ANALYSIS DATA SHEET

LAB NAME JTC Environmental CASE NO. 1968
LAB SAMPLE ID NO. 70-0545 QC REPORT NO. 50

TASK 1 (Elements to be Identified and Measured)

		ug/l or mg/kg (circle one)			ug/l or mg/kg (circle one)
1.	Aluminum	5440s ~~4300~~ Dlw	10.	Zinc	14,600
2.	Chromium	120	11.	Boron	ND[4]
3.	Barium	1170	12.	Vanadium	120
4.	Beryllium	ND	13.	Silver	0.7
5.	Cobalt	2280			
6.	Copper	260			
7.	Iron	14,900s ~~10,700~~ Dlw			
8.	Nickel	2,620			
9.	Manganese	860			

TASK 2 (Elements to be Identified and Measured)

		ug/l or mg/kg (circle one)			ug/l or mg/kg (circle one)
1.	Arsenic	160s ~~210~~ Dlw	5.	Mercury	11c
2.	Antimony	440	6.	Tin	260c ~~171~~
3.	Selenium	14	7.	Cadmium	26c
4.	Thallium	0.5	8.	Lead	323c

TASK 3 (Elements to be Identified and Measured)

		ug/l or mg/kg (circle one)
1.	Ammonia	NA
2.	Cyanide	0.052
3.	Sulfide	NA

COMMENTS: NA – Not Applicable

2.0520 g

0.2100 g – Hg

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US ENVIRONMENTAL PROTECTION AGENCY
HWI Sample Management Office
P.O. Box 818 — Alexandria, Virginia 22313
703/557-2490 FTS 8-557-2490

(Red)

Sample No.
MC1313 Dup

INORGANICS ANALYSIS DATA SHEET

LAB NAME JTC CASE NO. 1968

LAB SAMPLE ID. NO. 70-0545 QC REPORT NO. 50

TASK 1 (Elements to be Identified and Measured)

		ug/l or mg/kg (circle one)			ug/l or mg/kg (circle one)
1.	Aluminum	4110	10.	Zinc	32,400
2.	Chromium	120	11.	Boron	ND[4]
3.	Barium	1160	12.	Vanadium	140
4.	Beryllium	ND	13.	Silver	1.4
5.	Cobalt	3040			
6.	Copper	460			
7.	Iron	9540			
8.	Nickel	1770			
9.	Manganese	980			

TASK 2 (Elements to be Identified and Measured)

		ug/l or mg/kg (circle one)			ug/l or mg/kg (circle one)
1.	Arsenic	320	5.	Mercury	7.4
2.	Antimony	380	6.	Tin	320
3.	Selenium	10	7.	Cadmium	330
4.	Thallium	0.5	8.	Lead	448

TASK 3 (Elements to be Identified and Measured)

			ug/l or mg/kg (circle one)
1.	Ammonia		NA
2.	Cyanide	MC1315	0.132
3.	Sulfide		NA

COMMENTS:

2.3480g

0.2040g -Hg

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US ENVIRONMENTAL PROTECTION AGENCY
HWI Sample Management Office
P.O. Box 818 — Alexandria, Virginia 22313
703/557-2490 FTS 8-557-2490

(Red)

Sample No.
MC1314

INORGANICS ANALYSIS DATA SHEET

LAB NAME JTC Environmental
CASE NO. 1968
LAB SAMPLE ID. NO. 70-0546
QC REPORT NO. 58

TASK 1 (Elements to be Identified and Measured)

		ug/l or mg/kg (circle one)			ug/l or mg/kg (circle one)
1.	Aluminum	4400	10.	Zinc	26
2.	Chromium	18	11.	Boron	ND
3.	Barium	24	12.	Vanadium	36
4.	Beryllium	0.9	13.	Silver	ND
5.	Cobalt	6.7			
6.	Copper	18			
7.	Iron	19,400			
8.	Nickel	14			
9.	Manganese	56			

TASK 2 (Elements to be Identified and Measured)

		ug/l or mg/kg (circle one)			ug/l or mg/kg (circle one)
1.	Arsenic	1.7	5.	Mercury	ND
2.	Antimony	0.7	6.	Tin	NDB
3.	Selenium	ND	7.	Cadmium	0.5
4.	Thallium	ND	8.	Lead	23

TASK 3 (Elements to be Identified and Measured)

		ug/l or mg/kg (circle one)
1.	Ammonia	NA
2.	Cyanide	0.02
3.	Sulfide	NA

COMMENTS: NA - Not Applicable

2.5200g

0.2110g - Hg

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ORIGINAL (Red)

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4051 BLANK
ERG SAMPLE NO: 08/094275
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
DICHLOROBENZENE, 1,3-	ND (0.01)	mg/L
DICHLOROBENZENE, 1,4-	ND (0.01)	mg/L
DICHLOROBENZIDINE, 3,3'-	ND (0.01)	mg/L
DIETHYLPHTHALATE	ND (0.01)	mg/L
DIMETHYLPHTHALATE	ND (0.01)	mg/L
DINITROTOLUENE 2,4-	ND (0.01)	mg/L
DINITROTOLUENE 2,6-	ND (0.01)	mg/L
DIOCTYLPHTHALATE	<0.01	mg/L
DIPHENYLHYDRAZINE 1,2-	ND (0.01)	mg/L
FLUORANTHENE	ND (0.01)	mg/L
FLUORENE	ND (0.01)	mg/L
HEXACHLOROBENZENE	ND (0.01)	mg/L
HEXACHLOROBUTADIENE	ND (0.01)	mg/L
HEXACHLOROCYCLOPENTADIENE	ND (0.01)	mg/L
HEXACHLOROETHANE	ND (0.01)	mg/L
INDENO(1,2,3-CD)PYRENE	ND (0.01)	mg/L
ISOPHORONE	ND (0.01)	mg/L
N-NITROSODI-N-PROPYLAMINE	ND (0.01)	mg/L
N-NITROSODIMETHYLAMINE	ND (0.01)	mg/L
N-NITROSODIPHENYLAMINE	ND (0.01)	mg/L
NAPHTHALENE	ND (0.01)	mg/L
NITROBENZENE	ND (0.01)	mg/L
PHENANTHRENE	ND (0.01)	mg/L
PYRENE	ND (0.01)	mg/L
TETRACHLORODIBENZO-P-DIOXIN	ND (0.01)	mg/L
TRICHLOROBENZENE, 1,2,4-	ND (0.01)	mg/L
B/N SCAN	ND (0.01)	mg/L
ACID FRACTION (PRIOR. POLLS. METH 625)		
CHLOROPHENOL, 2-	ND (0.01)	mg/L
NITROPHENOL, 2-	ND (0.01)	mg/L
PHENOL	ND (0.01)	mg/L
DIMETHYLPHENOL, 2,4-	ND (0.01)	mg/L
DICHLOROPHENOL, 2,4-	ND (0.01)	mg/L
TRICHLOROPHENOL, 2,4,6-	ND (0.01)	mg/L
CHLORO-3-METHYLPHENOL, 4-	ND (0.01)	mg/L
DINITROPHENOL, 2,4-	ND (0.01)	mg/L
METHYL-4,6-DINITROPHENOL, 2-	ND (0.01)	mg/L
PENTACHLOROPHENOL	ND (0.01)	mg/L
NITROPHENOL, 4-	ND (0.01)	mg/L
ACID SCAN	ND (0.01)	mg/L
P. POLL PEST. AND PCB'S		
ALDRIN	ND (0.10)	ug/L

CONTINUED

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4051 BLANK
ERG SAMPLE NO: 08/094275
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
a-BHC	ND (0.10)	ug/L
b-BHC	ND (0.10)	ug/L
d-BHC	ND (0.10)	ug/L
g-BHC	ND (0.10)	ug/L
CHLORDANE	ND (0.10)	ug/L
4,4'-DDD	ND (0.020)	ug/L
4,4'-DDE	ND (0.20)	ug/L
4,4'-DDT	ND (0.10)	ug/L
ELDRIN	ND (0.040)	ug/L
ENDOSULFAN I	ND (0.030)	ug/L
ENDOSULFAN II	ND (0.020)	ug/L
ENDOSULFAN SULFATE	ND (0.050)	ug/L
ENDRIN	ND (0.047)	ug/L
ENDRIN ALDEHYDE	0.12	ug/L
HEPTACHLOR	ND (0.10)	ug/L
HEPTACHLOR EPOXIDE	ND (0.070)	ug/L
TOXAPHENE	ND (0.20)	ug/L
PCB 1016	ND (0.10)	ug/L
PCB 1221	ND (0.10)	ug/L
PCB 1232	ND (0.10)	ug/L
PCB 1242	ND (0.10)	ug/L
PCB 1248	ND (0.10)	ug/L
PCB 1254	ND (0.10)	ug/L
PCB 1260	ND (0.10)	ug/L
IN SCREEN (BY GC-EC)	ND (0.080)	ug/L

CLIENT I.D.: C-4052
ERG SAMPLE NO: 08/094276
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
OLATILE FRACTION (PRIOR. POLLS. EPA METH 624)		
ACROLEIN	ND (0.01)	mg/L
ACRYLONITRILE	ND (0.01)	mg/L
BENZENE	ND (0.01)	mg/L
BROMODICHLOROMETHANE	ND (0.01)	mg/L
BROMOFORM	ND (0.01)	mg/L
BROMOMETHANE	ND (0.01)	mg/L
CARBON TETRACHLORIDE	ND (0.01)	mg/L
CHLOROBENZENE	ND (0.01)	mg/L

CONTINUED

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ORIGINAL

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4052
ERG SAMPLE NO: 03/094276
MATRIX: NATURAL WATER
DATE COLLECTED: 03-16-83

PARAMETER	RESULTS	UNITS
CHLOROETHANE	ND (0.01)	mg/L
CHLOROETHYLVINYLETHER,2	ND (0.01)	mg/L
CHLOROFORM	<0.01	mg/L
CHLOROMETHANE	ND (0.01)	mg/L
CIS-1,3-DICHLOROPROPENE	ND (0.01)	mg/L
DIBROMOCHLOROMETHANE	ND (0.01)	mg/L
DICHLOROETHANE, 1,1-	ND (0.01)	mg/L
DICHLOROETHANE, 1,2-	ND (0.01)	mg/L
DICHLOROETHENE, 1,1-	ND (0.01)	mg/L
DICHLOROPROPANE, 1,2-	ND (0.01)	mg/L
ETHYLBENZENE	ND (0.01)	mg/L
METHYLENE CHLORIDE	0.30	mg/L
TETRACHLOROETHANE, 1,1,2,2-	ND (0.01)	mg/L
TETRACHLOROETHENE	ND (0.01)	mg/L
TOLUENE	ND (0.01)	mg/L
TRANS-1,3-DICHLOROPROPENE	ND (0.01)	mg/L
TRANS-1,2-DICHLOROETHYLENE	ND (0.01)	mg/L
TRICHLOROETHANE, 1,1,1-	ND (0.01)	mg/L
TRICHLOROETHANE, 1,1,2-	ND (0.01)	mg/L
TRICHLOROETHENE	ND (0.01)	mg/L
TRICHLOROFLUOROMETHANE	ND (0.01)	mg/L
VINYL CHLORIDE	ND (0.01)	mg/L
VOLATILE ORGANIC SCAN	ND (0.01)	mg/L
B/N FRACTION (PRIOR. POLLS METH. 625)		
ACENAPTHENE	ND (0.01)	mg/L
ACENAPTHYLENE	ND (0.01)	mg/L
ANTHRACENE	ND (0.01)	mg/L
BENZIDINE	ND (0.01)	mg/L
BENZO(A)ANTHRACENE	ND (0.01)	mg/L
BENZO(A)PYRENE	ND (0.01)	mg/L
BENZO(B)FLUORANTHENE	ND (0.01)	mg/L
BENZO(K)FLUORANTHENE	ND (0.01)	mg/L
BENZO(G,H,I)PERYLENE	ND (0.01)	mg/L
BIS(2-CHLOROETHYL)ETHER	ND (0.01)	mg/L
BIS(2-CHLORETHOXY)METHANE	ND (0.01)	mg/L
BIS(2-CHLOROISOPROPYL)ETHER	ND (0.01)	mg/L
BIS(2-ETHYLHEXYL)PHTHALATE	ND (0.01)	mg/L
BROMOPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/L
BUTYL BENZYL PHTHALATE	ND (0.01)	mg/L
CHLORONAPHTHALENE, 2-	ND (0.01)	mg/L
CHLOROPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/L
CHRYSENE	ND (0.01)	mg/L

CONTINUED

 SEE LAST PAGE FOR EXPLANATION OF SYMBOLS

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ORIGINAL (Red)

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4052
ERG SAMPLE NO. 08/094276
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
DI-N-BUTYLPHTHALATE	ND (0.01)	mg/L
DIBENZO(A,H)ANTHRACENE	ND (0.01)	mg/L
DICHLOROBENZENE, 1,2-	ND (0.01)	mg/L
DICHLOROBENZENE, 1,3-	ND (0.01)	mg/L
DICHLOROBENZENE, 1,4-	ND (0.01)	mg/L
DICHLOROBENZIDINE, 3,3'-	ND (0.01)	mg/L
DIETHYLPHTHALATE	ND (0.01)	mg/L
DIMETHYLPHTHALATE	ND (0.01)	mg/L
DINITROTOLUENE 2,4-	ND (0.01)	mg/L
DINITROTOLUENE 2,6-	ND (0.01)	mg/L
DIOCTYLPHTHALATE	ND (0.01)	mg/L
DIPHENYLHYDRAZINE 1,2-	ND (0.01)	mg/L
FLUORANTHENE	ND (0.01)	mg/L
FLUORENE	ND (0.01)	mg/L
HEXACHLOROBENZENE	ND (0.01)	mg/L
HEXACHLOROBUTADIENE	ND (0.01)	mg/L
HEXACHLOROCYCLOPENTADIENE	ND (0.01)	mg/L
HEXACHLOROETHANE	ND (0.01)	mg/L
INDENO(1,2,3-CD)PYRENE	ND (0.01)	mg/L
ISOPHORONE	ND (0.01)	mg/L
N-NITROSODI-N-PROPYLAMINE	ND (0.01)	mg/L
N-NITROSODIMETHYLAMINE	ND (0.01)	mg/L
N-NITROSODIPHENYLAMINE	ND (0.01)	mg/L
NAPHTHALENE	ND (0.01)	mg/L
NITROBENZENE	ND (0.01)	mg/L
PHENANTHRENE	ND (0.01)	mg/L
PYRENE	ND (0.01)	mg/L
TETRACHLORODIBENZO-P-DIOXIN	ND (0.01)	mg/L
TRICHLOROBENZENE, 1,2,4-	ND (0.01)	mg/L
V/N SCAN	ND (0.01)	mg/L
ACID FRACTION (PRIOR. POLLS. METH 625)		
CHLOROPHENOL, 2-	ND (0.01)	mg/L
NITROPHENOL, 2-	ND (0.01)	mg/L
PHENOL	ND (0.01)	mg/L
DIMETHYLPHENOL, 2,4-	ND (0.01)	mg/L
DICHLOROPHENOL, 2,4-	ND (0.01)	mg/L
TRICHLOROPHENOL, 2,4,6-	ND (0.01)	mg/L
CHLORO-3-METHYLPHENOL, 4-	ND (0.01)	mg/L
DINITROPHENOL, 2,4-	ND (0.01)	mg/L
METHYL-4,6-DINITROPHENOL, 2-	ND (0.01)	mg/L
PENTACHLOROPHENOL	ND (0.01)	mg/L
NITROPHENOL, 4-	ND (0.01)	mg/L

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4052
ERG SAMPLE NO: 08/094276
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
ACID SCAN	ND (0.01)	mg/L
P. POLL PEST. AND PCB'S		
ALDRIN	ND (0.10)	ug/L
a-BHC	ND (0.10)	ug/L
b-BHC	ND (0.10)	ug/L
d-BHC	ND (0.10)	ug/L
g-BHC	ND (0.10)	ug/L
CHLORDANE	ND (0.10)	ug/L
4,4'-DDD	ND (0.020)	ug/L
4,4'-DDE	ND (0.20)	ug/L
4,4'-DDT	ND (0.10)	ug/L
DIELDRIN	ND (0.040)	ug/L
ENDOSULFAN I	ND (0.030)	ug/L
ENDOSULFAN II	ND (0.020)	ug/L
ENDOSULFAN SULFATE	ND (0.050)	ug/L
ENDRIN	ND (0.047)	ug/L
ENDRIN ALDEHYDE	ND (0.12)	ug/L
HEPTACHLOR	ND (0.10)	ug/L
HEPTACHLOR EPOXIDE	ND (0.070)	ug/L
TOXAPHENE	ND (0.20)	ug/L
PCB 1016	ND (0.10)	ug/L
PCB 1221	ND (0.10)	ug/L
PCB 1232	ND (0.10)	ug/L
PCB 1242	ND (0.10)	ug/L
PCB 1248	ND (0.10)	ug/L
PCB 1254	ND (0.10)	ug/L
PCB 1260	ND (0.10)	ug/L
DIOXIN SCREEN (BY GC-EC)	ND (0.080)	ug/L

CLIENT I.D.: C-4053
ERG SAMPLE NO: 08/094277
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
VOLATILE FRACTION (PRIOR. POLLS. EPA METH 624)		
ACROLEIN	ND (0.01)	mg/L
ACRYLONITRILE	ND (0.01)	mg/L
BENZENE	ND (0.01)	mg/L
BROMODICHLOROMETHANE	ND (0.01)	mg/L
BROMOFORM	ND (0.01)	mg/L
BROMOMETHANE	ND (0.01)	mg/L

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4054 FIELD BLANK
ERG SAMPLE NO: 03/094278
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
BROMOFORM	ND (0.01)	mg/L
BROMOMETHANE	ND (0.01)	mg/L
CARBON TETRACHLORIDE	ND (0.01)	mg/L
CHLOROBENZENE	ND (0.01)	mg/L
CHLOROETHANE	ND (0.01)	mg/L
CHLOROETHYLVINYLETHER,2	ND (0.01)	mg/L
CHLOROFORM	<0.01	mg/L
CHLOROMETHANE	ND (0.01)	mg/L
CIS-1,3-DICHLOROPROPENE	ND (0.01)	mg/L
DIBROMOCHLOROMETHANE	ND (0.01)	mg/L
DICHLOROETHANE, 1,1-	ND (0.01)	mg/L
DICHLOROETHANE, 1,2-	ND (0.01)	mg/L
DICHLOROETHENE, 1,1-	ND (0.01)	mg/L
DICHLOROPROPANE, 1,2-	ND (0.01)	mg/L
ETHYLBENZENE	ND (0.01)	mg/L
METHYLENE CHLORIDE	ND (0.01)	mg/L
TETRACHLOROETHANE, 1,1,2,2-	ND (0.01)	mg/L
TETRACHLOROETHENE	ND (0.01)	mg/L
TOLUENE	<0.01	mg/L
TRANS-1,3-DICHLOROPROPENE	ND (0.01)	mg/L
TRANS-1,2-DICHLOROETHYLENE	ND (0.01)	mg/L
TRICHLOROETHANE, 1,1,1-	<0.01	mg/L
TRICHLOROETHANE, 1,1,2-	ND (0.01)	mg/L
TRICHLOROETHENE	ND (0.01)	mg/L
TRICHLOROFLUOROMETHANE	<0.01	mg/L
VINYL CHLORIDE	ND (0.01)	mg/L
VOLATILE ORGANIC SCAN	ND (0.01)	mg/L
B/N FRACTION (PRIOR. POLLS METH. 625)		
ACENAPTHENE	ND (0.01)	mg/L
ACENAPTHYLENE	ND (0.01)	mg/L
ANTHRACENE	ND (0.01)	mg/L
BENZIDINE	ND (0.01)	mg/L
BENZO(A)ANTHRACENE	ND (0.01)	mg/L
BENZO(A)PYRENE	ND (0.01)	mg/L
BENZO(B)FLUORANTHENE	ND (0.01)	mg/L
BENZO(K)FLUORANTHENE	ND (0.01)	mg/L
BENZO(G,H,I)PERYLENE	ND (0.01)	mg/L
BIS(2-CHLOROETHYL)ETHER	ND (0.01)	mg/L
BIS(2-CHLORETHOXY)METHANE	ND (0.01)	mg/L
BIS(2-CHLOROISOPROPYL)ETHER	ND (0.01)	mg/L
BIS(2-ETHYLHEXYL)PHTHALATE	ND (0.01)	mg/L
BROMOPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/L

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ORIGINAL

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4054 FIELD BLANK
ERG SAMPLE NO: 08/094278
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
BUTYL BENZYL PHTHALATE	ND (0.01)	mg/L
CHLORONAPHTHALENE, 2-	ND (0.01)	mg/L
CHLOROPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/L
CHRYSENE	ND (0.01)	mg/L
DI-N-BUTYLPHTHALATE	ND (0.01)	mg/L
DIBENZO(A,H)ANTHRACENE	ND (0.01)	mg/L
ICHLOROBENZENE, 1,2-	ND (0.01)	mg/L
DICHLOROBENZENE, 1,3-	ND (0.01)	mg/L
DICHLOROBENZENE, 1,4-	ND (0.01)	mg/L
ICHLOROBENZIDINE, 3,3'-	ND (0.01)	mg/L
DIETHYLPHTHALATE	ND (0.01)	mg/L
DIMETHYLPHTHALATE	ND (0.01)	mg/L
INITROTOLUENE 2,4-	ND (0.01)	mg/L
INITROTOLUENE 2,6-	ND (0.01)	mg/L
DIOCTYLPHTHALATE	ND (0.01)	mg/L
IPHENYLHYDRAZINE 1,2-	ND (0.01)	mg/L
LUORANTHENE	ND (0.01)	mg/L
LUORENE	ND (0.01)	mg/L
HEXACHLOROBENZENE	ND (0.01)	mg/L
EXACHLOROBUTADIENE	ND (0.01)	mg/L
EXACHLOROCYCLOPENTADIENE	ND (0.01)	mg/L
HEXACHLOROETHANE	ND (0.01)	mg/L
DENO(1,2,3-CD)PYRENE	ND (0.01)	mg/L
SOPHORONE	ND (0.01)	mg/L
N- TROSODI-N-PROPYLAMINE	ND (0.01)	mg/L
-NITROSODIMETHYLAMINE	ND (0.01)	mg/L
-NITROSODIPHENYLAMINE	ND (0.01)	mg/L
NAPHTHALENE	ND (0.01)	mg/L
NITROBENZENE	ND (0.01)	mg/L
HENANTHRENE	ND (0.01)	mg/L
PYRENE	ND (0.01)	mg/L
TETRACHLORODIBENZO-P-DIOXIN	ND (0.01)	mg/L
RICHLOROBENZENE,1,2,4-	ND (0.01)	mg/L
/N SCAN	ND (0.01)	mg/L
CID FRACTION (PRIOR. POLLS. METH 625)		
CHLOROPHENOL, 2-	ND (0.01)	mg/L
ITROPHENOL, 2-	ND (0.01)	mg/L
HENOL	0.022	mg/L
DIMETHYLPHENOL, 2,4-	ND (0.01)	mg/L
ICHLOROPHENOL, 2,4-	ND (0.01)	mg/L
ICHLOROPHENOL, 2,4,6-	ND (0.01)	mg/L
CHLORO-3-METHYLPHENOL, 4-	ND (0.01)	mg/L

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4054 FIELD BLANK
ERG SAMPLE NO: 08/094278
MATRIX: NATURAL WATER
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
DINITROPHENOL, 2,4-	ND (0.01)	mg/L
METHYL-4,6-DINITROPHENOL, 2-	ND (0.01)	mg/L
PENTACHLOROPHENOL	ND (0.01)	mg/L
NITROPHENOL, 4-	ND (0.01)	mg/L
ACID SCAN	ND (0.01)	mg/L
P. POLL PEST. AND PCB'S		
ALDRIN	ND (0.10)	ug/L
a-BHC	ND (0.10)	ug/L
b-BHC	ND (0.10)	ug/L
d-BHC	ND (0.10)	ug/L
g-BHC	ND (0.10)	ug/L
CHLORDANE	ND (0.10)	ug/L
4,4'-DDD	ND (0.020)	ug/L
4,4'-DDE	ND (0.20)	ug/L
4,4'-DDT	ND (0.10)	ug/L
DIELDRIN	ND (0.040)	ug/L
ENDOSULFAN I	ND (0.030)	ug/L
ENDOSULFAN II	ND (0.020)	ug/L
ENDOSULFAN SULFATE	ND (0.050)	ug/L
ENDRIN	ND (0.047)	ug/L
ENDRIN ALDEHYDE	ND (0.12)	ug/L
HEPTACHLOR	ND (0.10)	ug/L
HEPTACHLOR EPOXIDE	ND (0.070)	ug/L
TOXAPHENE	ND (0.20)	ug/L
PCB 1016	ND (0.10)	ug/L
PCB 1221	ND (0.10)	ug/L
PCB 1232	ND (0.10)	ug/L
PCB 1242	ND (0.10)	ug/L
PCB 1248	ND (0.10)	ug/L
PCB 1254	ND (0.10)	ug/L
PCB 1260	ND (0.10)	ug/L
DIOXIN SCREEN (BY GC-EC)	ND (0.080)	ug/L

CLIENT I.D.: C-4055
ERG SAMPLE NO: 08/094279
MATRIX: SOLID
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
VOLATILE FRACTION (PRIOR. POLLS. EPA METH 624)		
ACROLEIN	ND (0.01)	mg/Kg

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4055
ERG SAMPLE NO: 08/094279
MATRIX: SOLID
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
ACRYLONITRILE	ND (0.01)	mg/Kg
BENZENE	ND (0.01)	mg/Kg
BROMODICHLOROMETHANE	ND (0.01)	mg/Kg
BROMOFORM	ND (0.01)	mg/Kg
BROMOMETHANE	ND (0.01)	mg/Kg
CARBON TETRACHLORIDE	ND (0.01)	mg/Kg
CHLOROBENZENE	ND (0.01)	mg/Kg
CHLOROETHANE	ND (0.01)	mg/Kg
CHLOROETHYLVINYLETHER,2	ND (0.01)	mg/Kg
HLOROFORM	<0.01	mg/Kg
HLOROMETHANE	ND (0.01)	mg/Kg
CIS-1,3-DICHLOROPROPENE	ND (0.01)	mg/Kg
DIBROMOCHLOROMETHANE	ND (0.01)	mg/Kg
DICHLOROETHANE, 1,1-	ND (0.01)	mg/Kg
DICHLOROETHANE, 1,2-	ND (0.01)	mg/Kg
DICHLOROETHENE, 1,1-	ND (0.01)	mg/Kg
DICHLOROPROPANE, 1,2-	ND (0.01)	mg/Kg
ETHYLBENZENE	ND (0.01)	mg/Kg
METHYLENE CHLORIDE	ND (0.01)	mg/Kg
TETRACHLOROETHANE, 1,1,2,2-	ND (0.01)	mg/Kg
TETRACHLOROETHENE	ND (0.01)	mg/Kg
TOLUENE	0.028	mg/Kg
TRANS-1,3-DICHLOROPROPENE	ND (0.01)	mg/Kg
TRANS-1,2-DICHLOROETHYLENE	ND (0.01)	mg/Kg
TRICHLOROETHANE, 1,1,1-	ND (0.01)	mg/Kg
TRICHLOROETHANE, 1,1,2-	ND (0.01)	mg/Kg
ICHLOROETHENE	ND (0.01)	mg/Kg
TRICHLOROFLUOROMETHANE	ND (0.01)	mg/Kg
VINYL CHLORIDE	ND (0.01)	mg/Kg
LATILE ORGANIC SCAN	SR	
N FRACTION (PRIOR. POLLS METH. 625)		
ACENAPTHENE	ND (0.01)	mg/Kg
ACENAPTHYLENE	ND (0.01)	mg/Kg
ANTHRACENE	ND (0.01)	mg/Kg
BENZIDINE	ND (0.01)	mg/Kg
BENZO(A)ANTHRACENE	ND (0.01)	mg/Kg
BENZO(A)PYRENE	ND (0.01)	mg/Kg
BENZO(B)FLUORANTHENE	ND (0.01)	mg/Kg
BENZO(K)FLUORANTHENE	ND (0.01)	mg/Kg
BENZO(G,H,I)PERYLENE	ND (0.01)	mg/Kg
BIS(2-CHLOROETHYL)ETHER	ND (0.01)	mg/Kg
BIS(2-CHLORETHOXY)METHANE	ND (0.01)	mg/Kg

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 SEE LAST PAGE FOR EXPLANATION OF SYMBOLS

ORIGINAL (Red)

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4055
ERG SAMPLE NO: 03/094279
MATRIX: SOLID
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
BIS(2-CHLOROISOPROPYL)ETHER	ND (0.01)	mg/Kg
BIS(2-ETHYLHEXYL)PHTHALATE	5.2	mg/Kg
BROMOPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/Kg
BUTYL BENZYL PHTHALATE	ND (0.01)	mg/Kg
CHLORONAPHTHALENE, 2-	ND (0.01)	mg/Kg
CHLOROPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/Kg
CHRYSENE	ND (0.01)	mg/Kg
DI-N-BUTYLPHTHALATE	ND (0.01)	mg/Kg
DIBENZO(A,H)ANTHRACENE	ND (0.01)	mg/Kg
DICHLOROBENZENE, 1,2-	ND (0.01)	mg/Kg
DICHLOROBENZENE, 1,3-	ND (0.01)	mg/Kg
DICHLOROBENZENE, 1,4-	ND (0.01)	mg/Kg
DICHLOROBENZIDINE, 3,3'-	ND (0.01)	mg/Kg
DIETHYLPHTHALATE	ND (0.01)	mg/Kg
DIMETHYLPHTHALATE	ND (0.01)	mg/Kg
DINITROTOLUENE 2,4-	ND (0.01)	mg/Kg
DINITROTOLUENE 2,6-	ND (0.01)	mg/Kg
DIOCTYLPHTHALATE	0.27	mg/Kg
DIPHENYLHYDRAZINE 1,2-	ND (0.01)	mg/Kg
FLUORANTHENE	ND (0.01)	mg/Kg
FLUORENE	ND (0.01)	mg/Kg
HEXACHLOROBENZENE	ND (0.01)	mg/Kg
HEXACHLOROBUTADIENE	ND (0.01)	mg/Kg
HEXACHLOROCYCLOPENTADIENE	ND (0.01)	mg/Kg
HEXACHLOROETHANE	ND (0.01)	mg/Kg
INDENO(1,2,3-CD)PYRENE	ND (0.01)	mg/Kg
ISOPHORONE	ND (0.01)	mg/Kg
N-NITROSODI-N-PROPYLAMINE	ND (0.01)	mg/Kg
N-NITROSODIMETHYLAMINE	ND (0.01)	mg/Kg
N-NITROSODIPHENYLAMINE	ND (0.01)	mg/Kg
NAPHTHALENE	ND (0.01)	mg/Kg
NITROBENZENE	ND (0.01)	mg/Kg
PHENANTHRENE	ND (0.01)	mg/Kg
PYRENE	ND (0.01)	mg/Kg
TETRACHLORODIBENZO-P-DIOXIN	ND (0.01)	mg/Kg
TRICHLOROBENZENE, 1,2,4-	ND (0.01)	
B/N SCAN	SR	
ACID FRACTION (PRIOR. POLLS. METH 625)		
CHLOROPHENOL, 2-	ND (0.01)	mg/Kg
NITROPHENOL, 2-	ND (0.01)	mg/Kg
PHENOL	ND (0.01)	mg/Kg
DIMETHYLPHENOL, 2,4-	ND (0.01)	mg/Kg

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4055
ERG SAMPLE NO: 08/094279
MATRIX: SOLID
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
DICHLOROPHENOL, 2,4-	ND (0.01)	mg/Kg
TRICHLOROPHENOL, 2,4,6-	ND (0.01)	mg/Kg
CHLORO-3-METHYLPHENOL, 4-	ND (0.01)	mg/Kg
DINITROPHENOL, 2,4-	ND (0.01)	mg/Kg
METHYL-4,6-DINITROPHENOL, 2-	ND (0.01)	mg/Kg
PENTACHLOROPHENOL	ND (0.01)	mg/Kg
NITROPHENOL, 4-	ND (0.01)	mg/Kg
ID SCAN	ND (0.01)	mg/Kg
POLL PEST. AND PCB'S		
ALDRIN	ND (0.010)	mg/Kg
a-BHC	ND (0.010)	mg/Kg
b-BHC	ND (0.010)	mg/Kg
d-BHC	ND (0.010)	mg/Kg
g-BHC	ND (0.010)	mg/Kg
CHLORDANE	ND (0.010)	mg/Kg
4,4'-DDD	ND (0.0020)	mg/Kg
4,4'-DDE	ND (0.020)	mg/Kg
4,4'-DDT	ND (0.010)	mg/Kg
DIELDRIN	ND (0.0040)	mg/Kg
ENDOSULFAN I	ND (0.0030)	mg/Kg
ENDOSULFAN II	ND (0.0020)	mg/Kg
ENDOSULFAN SULFATE	ND (0.0050)	mg/Kg
ENDRIN	ND (0.0047)	mg/Kg
ENDRIN ALDEHYDE	ND (0.012)	mg/Kg
EPTACHLOR	ND (0.010)	mg/Kg
EPTACHLOR EPOXIDE	ND (0.0070)	mg/Kg
TOXAPHENE	ND (0.020)	mg/Kg
PCB 1016	ND (0.010)	mg/Kg
PCB 1221	ND (0.010)	mg/Kg
PCB 1232	ND (0.010)	mg/Kg
PCB 1242	ND (0.010)	mg/Kg
PCB 1248	ND (0.010)	mg/Kg
PCB 1254	ND (0.010)	mg/Kg
PCB 1260	ND (0.010)	mg/Kg
IOXIN SCREEN (BY GC-EC)	ND (0.0080)	mg/Kg

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

(Red)

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4056
ERG SAMPLE NO: 09/094280
MATRIX: SOLID
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
VOLATILE FRACTION (PRIOR. POLLS. EPA METH 624)		
ACROLEIN	ND (0.01)	mg/Kg
ACRYLONITRILE	ND (0.01)	mg/Kg
BENZENE	ND (0.01)	mg/Kg
BROMODICHLOROMETHANE	ND (0.01)	mg/Kg
BROMOFORM	ND (0.01)	mg/Kg
BROMOMETHANE	ND (0.01)	mg/Kg
CARBON TETRACHLORIDE	ND (0.01)	mg/Kg
CHLOROBENZENE	ND (0.01)	mg/Kg
CHLOROETHANE	ND (0.01)	mg/Kg
CHLOROETHYLVINYLETHER,2	ND (0.01)	mg/Kg
CHLOROFORM	ND (0.01)	mg/Kg
CHLOROMETHANE	ND (0.01)	mg/Kg
CIS-1,3-DICHLOROPROPENE	ND (0.01)	mg/Kg
DIBROMOCHLOROMETHANE	ND (0.01)	mg/Kg
DICHLOROETHANE, 1,1-	ND (0.01)	mg/Kg
DICHLOROETHANE, 1,2-	ND (0.01)	mg/Kg
DICHLOROETHENE, 1,1-	ND (0.01)	mg/Kg
DICHLOROPROPANE, 1,2-	ND (0.01)	mg/Kg
ETHYLBENZENE	0.012	mg/Kg
METHYLENE CHLORIDE	0.11	mg/Kg
TETRACHLOROETHANE, 1,1,2,2-	ND (0.01)	mg/Kg
TETRACHLOROETHENE	<0.01	mg/Kg
TOLUENE	0.054	mg/Kg
TRANS-1,3-DICHLOROPROPENE	ND (0.01)	mg/Kg
TRANS-1,2-DICHLOROETHYLENE	0.015	mg/Kg
TRICHLOROETHANE, 1,1,1-	<0.01	mg/Kg
TRICHLOROETHANE, 1,1,2-	ND (0.01)	mg/Kg
TRICHLOROETHENE	0.011	mg/Kg
TRICHLOROFLUOROMETHANE	ND (0.01)	mg/Kg
VINYL CHLORIDE	ND (0.01)	mg/Kg
VOLATILE ORGANIC SCAN	SR	
B/N FRACTION (PRIOR. POLLS METH. 625)		
ACENAPTHENE	0.06	mg/Kg
ACENAPTHYLENE	ND (0.01)	mg/Kg
ANTHRACENE	0.71	mg/Kg
BENZIDINE	ND (0.01)	mg/Kg
BENZO(A)ANTHRACENE	0.59	mg/Kg
BENZO(A)PYRENE	4.7	mg/Kg
BENZO(B)FLUORANTHENE	0.45	mg/Kg
BENZO(K)FLUORANTHENE	ND (0.01)	mg/Kg
BENZO(G,H,I)PERYLENE	0.16	mg/Kg
BIS(2-CHLOROETHYL)ETHER	ND (0.01)	mg/Kg

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ORIGINAL

ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4056
ERG SAMPLE NO: 08/094280
MATRIX: SOLID
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
BIS(2-CHLORETHOXY)METHANE	ND (0.01)	mg/Kg
BIS(2-CHLOROISOPROPYL)ETHER	ND (0.01)	mg/Kg
BIS(2-ETHYLHEXYL)PHTHALATE	1.1	mg/Kg
BROMOPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/Kg
BUTYL BENZYL PHTHALATE	0.27	mg/Kg
CHLORONAPHTHALENE, 2-	ND (0.01)	mg/Kg
CHLOROPHENYL PHENYL ETHER, 4-	ND (0.01)	mg/Kg
CHRYSENE	0.44	mg/Kg
DI-N-BUTYLPHTHALATE	35	mg/Kg
DIBENZO(A,H)ANTHRACENE	ND (0.01)	mg/Kg
DICHLOROBENZENE, 1,2-	ND (0.01)	mg/Kg
DICHLOROBENZENE, 1,3-	ND (0.01)	mg/Kg
DICHLOROBENZENE, 1,4-	ND (0.01)	mg/Kg
DICHLOROBENZIDINE, 3,3'-	ND (0.01)	mg/Kg
DIETHYLPHTHALATE	ND (0.01)	mg/Kg
DIMETHYLPHTHALATE	ND (0.01)	mg/Kg
DINITROTOLUENE 2,4-	ND (0.01)	mg/Kg
DINITROTOLUENE 2,6-	ND (0.01)	mg/Kg
DIOCTYLPHTHALATE	0.15	mg/Kg
DIPHENYLHYDRAZINE 1,2-	ND (0.01)	mg/Kg
FLUORANTHENE	1.3	mg/Kg
FLUORENE	0.06	mg/Kg
HEXACHLOROBENZENE	ND (0.01)	mg/Kg
HEXACHLOROBUTADIENE	ND (0.01)	mg/Kg
HEXACHLOROCYCLOPENTADIENE	ND (0.01)	mg/Kg
HEXACHLOROETHANE	ND (0.01)	mg/Kg
INDENO(1,2,3-CD)PYRENE	0.19	mg/Kg
ISOPHORONE	ND (0.01)	mg/Kg
N-NITROSODI-N-PROPYLAMINE	ND (0.01)	mg/Kg
N-NITROSODIMETHYLAMINE	ND (0.01)	mg/Kg
N-NITROSODIPHENYLAMINE	0.12	mg/Kg
NAPHTHALENE	ND (0.01)	mg/Kg
NITROBENZENE	ND (0.01)	mg/Kg
PHENANTHRENE	0.18	mg/Kg
PYRENE	0.35	mg/Kg
TETRACHLORODIBENZO-P-DIOXIN	ND (0.01)	mg/Kg
TRICHLOROBENZENE,1,2,4-	ND (0.01)	
/N SCAN	ND (0.01)	mg/Kg
ACID FRACTION (PRIOR. POLLS. METH 625)		
CHLOROPHENOL, 2-	ND (0.01)	mg/Kg
NITROPHENOL, 2-	ND (0.01)	mg/Kg
PHENOL	ND (0.01)	mg/Kg

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N. U. S. CORPORATION 10-21-83

CLIENT I. D.: C-4056
ERG SAMPLE NO: 08/094280
MATRIX: SOLID
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
DIMETHYLPHENOL, 2,4-	ND (0.01)	mg/Kg
DICHLOROPHENOL, 2,4-	ND (0.01)	mg/Kg
TRICHLOROPHENOL, 2,4,6-	ND (0.01)	mg/Kg
CHLORO-3-METHYLPHENOL, 4-	ND (0.01)	mg/Kg
DINITROPHENOL, 2,4-	ND (0.01)	mg/Kg
METHYL-4,6-DINITROPHENOL, 2-	ND (0.01)	mg/Kg
PENTACHLOROPHENOL	ND (0.01)	mg/Kg
NITROPHENOL, 4-	ND (0.01)	mg/Kg
ACID SCAN	ND (0.01)	mg/Kg
P. POLL PEST. AND PCB'S		
ALDRIN	ND (0.010)	mg/Kg
a-BHC	ND (0.010)	mg/Kg
b-BHC	ND (0.010)	mg/Kg
d-BHC	ND (0.010)	mg/Kg
g-BHC	ND (0.010)	mg/Kg
CHLORDANE	ND (0.010)	mg/Kg
4,4'-DDD	ND (0.0020)	mg/Kg
4,4'-DDE	ND (0.020)	mg/Kg
4,4'-DDT	ND (0.010)	mg/Kg
DIELDRIN	ND (0.0040)	mg/Kg
ENDOSULFAN I	ND (0.0030)	mg/Kg
ENDOSULFAN II	ND (0.0020)	mg/Kg
ENDOSULFAN SULFATE	ND (0.0050)	mg/Kg
ENDRIN	ND (0.0047)	mg/Kg
ENDRIN ALDEHYDE	ND (0.012)	mg/Kg
HEPTACHLOR	ND (0.010)	mg/Kg
HEPTACHLOR EPOXIDE	ND (0.0070)	mg/Kg
TOXAPHENE	ND (0.020)	mg/Kg
PCB 1016	ND (0.010)	mg/Kg
PCB 1221	ND (0.010)	mg/Kg
PCB 1232	ND (0.010)	mg/Kg
PCB 1242	ND (0.010)	mg/Kg
PCB 1248	ND (0.010)	mg/Kg
PCB 1254	ND (0.010)	mg/Kg
PCB 1260	ND (0.010)	mg/Kg
COMMENTS: *		
DIOXIN SCREEN (BY GC-EC)	ND (0.0080)	mg/Kg

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CONFIDENTIAL (Red)

CLIENT I.D.: C4056 SPIKE A
ERG SAMPLE NO: 03/094281
MATRIX: SOLID
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
'OLATILE FRACTION (PRIOR. POLLS. EPA METH 624)		
ACROLEIN	157	%
ACRYLONITRILE	138	%
BENZENE	238	%
BROMODICHLOROMETHANE	239	%
BROMOFORM	201	%
BROMOMETHANE	0	
CARBON TETRACHLORIDE	273	%
CHLOROBENZENE	162	%
CHLOROETHANE	0	
CHLOROETHYLVINYLETHER,2	136	%
CHLOROFORM	219	%
CHLOROMETHANE	0	
CIS-1,3-DICHLOROPROPENE	220	%
DIBROMOCHLOROMETHANE	234	%
DICHLOROETHANE, 1,1-	220	%
DICHLOROETHANE, 1,2-	210	%
DICHLOROETHENE, 1,1-	232	%
DICHLOROPROPANE, 1,2-	226	%
ETHYLBENZENE	192	%
METHYLENE CHLORIDE	317	%
TETRACHLOROETHANE, 1,1,2,2-	103	%
TETRACHLOROETHENE	172	%
TOLUENE	256	%
TRANS-1,3-DICHLOROPROPENE	232	%
TRANS-1,2-DICHLOROETHYLENE	237	%
RICHLOROETHANE, 1,1,1-	241	%
,RICHLOROETHANE, 1,1,2-	206	%
TRICHLOROETHENE	241	%
TRICHLOROFLUOROMETHANE	239	%
VINYL CHLORIDE	0	
'OLATILE ORGANIC SCAN	NA	
/N FRACTION (PRIOR. POLLS METH. 625)		
ACENAPTHENE	59	%
ACENAPTHYLENE	70	%
ANTHRACENE	155	%
BENZIDINE	416	%
BENZO(A)ANTHRACENE	9	%
BENZO(A)PYRENE	0	
BENZO(B)FLUORANTHENE	39	%
BENZO(K)FLUORANTHENE	0	
BENZO(G,H,I)PERYLENE	0	
BIS(2-CHLOROETHYL)ETHER	65	%

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N. U. S. CORPORATION 10-21-83

CLIENT I. D.: C4056 SPIKE A
ERG SAMPLE NO: 09/094281
MATRIX: SOLID
DATE COLLECTED: 09-16-83

PARAMETER	RESULTS	UNITS
BIS(2-CHLORETHOXY)METHANE	54	%
BIS(2-CHLOROISOPROPYL)ETHER	64	%
BIS(2-ETHYLHEXYL)PHTHALATE	82	%
BROMOPHENYL PHENYL ETHER, 4-	69	%
BUTYL BENZYL PHTHALATE	18	%
CHLORONAPHTHALENE, 2-	0	
CHLOROPHENYL PHENYL ETHER, 4-	53	%
CHRYSENE	112	%
DI-N-BUTYLPHTHALATE	125	%
DIBENZO(A,H)ANTHRACENE	0	
DICHLOROBENZENE, 1,2-	54	%
DICHLOROBENZENE, 1,3-	54	%
DICHLOROBENZENE, 1,4-	55	%
DICHLOROBENZIDINE, 3,3'-	64	%
DIETHYLPHTHALATE	62	%
DIMETHYLPHTHALATE	49	%
DINITROTOLUENE 2,4-	97	%
DINITROTOLUENE 2,6-	65	%
DIOCTYLPHTHALATE	133	%
DIPHENYLHYDRAZINE 1,2-	0	
FLUORANTHENE	201	%
FLUORENE	66	%
HEXACHLOROBENZENE	41	%
HEXACHLOROBUTADIENE	61	%
HEXACHLOROCYCLOPENTADIENE	44	%
HEXACHLOROETHANE	61	%
INDENO(1,2,3-CD)PYRENE	0	
ISOPHORONE	64	%
N-NITROSODI-N-PROPYLAMINE	44	%
N-NITROSODIMETHYLAMINE	295	%
N-NITROSODIPHENYLAMINE	449	%
NAPHTHALENE	70	%
NITROBENZENE	72	%
PHENANTHRENE	60	%
PYRENE	49	%
TETRACHLORODIBENZO-P-DIOXIN	0	
TRICHLOROBENZENE,1,2,4-	74	%
B/N SCAN	NA	
ACID FRACTION (PRIOR. POLLS. METH 625)		
CHLOROPHENOL, 2-	64	%
NITROPHENOL, 2-	33	%
PHENOL	70	%

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C4056 SPIKE A
ERG SAMPLE NO: 08/094281
MATRIX: SOLID
DATE COLLECTED: 08-16-83

PARAMETER	RESULTS	UNITS
DIMETHYLPHENOL, 2,4-	63	%
DICHLOROPHENOL, 2,4-	56	%
TRICHLOROPHENOL, 2,4,6-	93	%
CHLORO-3-METHYLPHENOL, 4-	81	%
DINITROPHENOL, 2,4-	0	
METHYL-4,6-DINITROPHENOL, 2-	0	
PENTACHLOROPHENOL	161	%
NITROPHENOL, 4-	66	%
D SCAN	NA	
. POLL PEST. AND PCB'S		
ALDRIN	46	%
a-BHC	NA	
b-BHC	NA	
d-BHC	NA	
g-BHC	60	%
CHLORDANE	NA	
4,4'-DDD	65	%
4,4'-DDE	59	%
4,4'-DDT	70	%
DIELDRIN	48	%
ENDOSULFAN I	80	%
ENDOSULFAN II	NA	
ENDOSULFAN SULFATE	65	%
ENDRIN	56	%
ENDRIN ALDEHYDE	62	%
EPTACHLOR	65	%
HEPTACHLOR EPOXIDE	55	%
TOXAPHENE	NA	
PCB 1016	NA	
PCB 1221	NA	
PCB 1232	NA	
PCB 1242	NA	
PCB 1248	NA	
PCB 1254	NA	
PCB 1260	NA	
IOXIN SCREEN (BY GC-EC)	NA	

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ANALYTICAL REPORT

ENVIRONMENTAL RESEARCH GROUP, INC.

ERG PROJECT NO. 1268 - N.U.S. CORPORATION 10-21-83

CLIENT I.D.: C-4056 SPIKE B
ERG SAMPLE NO: 03/094282
MATRIX: SOLID
DATE COLLECTED: 03-16-83

PARAMETER	RESULTS	UNITS
VOLATILE FRACTION (PRIOR. POLLS. EPA METH 624)		
ACROLEIN	140	%
ACRYLONITRILE	134	%
BENZENE	179	%
BROMODICHLOROMETHANE	189	%
BROMOFORM	220	%
BROMOMETHANE	0	
CARBON TETRACHLORIDE	170	%
CHLOROBENZENE	149	%
CHLOROETHANE	0	
CHLOROETHYLVINYLETHER,2	98	%
CHLOROFORM	168	%
CHLOROMETHANE	0	
CIS-1,3-DICHLOROPROPENE	169	%
DIBROMOCHLOROMETHANE	196	%
DICHLOROETHANE, 1,1-	168	%
DICHLOROETHANE, 1,2-	155	%
DICHLOROETHENE, 1,1-	227	%
DICHLOROPROPANE, 1,2-	169	%
ETHYLBENZENE	164	%
METHYLENE CHLORIDE	239	%
TETRACHLOROETHANE, 1,1,2,2-	106	%
TETRACHLOROETHENE	160	%
TOLUENE	198	%
TRANS-1,3-DICHLOROPROPENE	180	%
TRANS-1,2-DICHLOROETHYLENE	204	%
TRICHLOROETHANE, 1,1,1-	160	%
TRICHLOROETHANE, 1,1,2-	160	%
TRICHLOROETHENE	183	%
TRICHLOROFLUOROMETHANE	220	%
VINYL CHLORIDE	0	
VOLATILE ORGANIC SCAN	NA	
B/N FRACTION (PRIOR. POLLS METH. 625)		
ACENAPTHENE	101	%
ACENAPTHYLENE	86	%
ANTHRACENE	272	%
BENZIDINE	787	%
BENZO(A)ANTHRACENE	70	%
BENZO(A)PYRENE	0	
BENZO(B)FLUORANTHENE	182	%
BENZO(K)FLUORANTHENE	0	
BENZO(G,H,I)PERYLENE	0	
BIS(2-CHLOROETHYL)ETHER	86	%

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