Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES #8 GW-3

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/l
		**********
78-87-5	1,2-Dichloropropane	50000 u
10061-02-6	Trans-1,3-Dichloropropene	50000 u
79-01-6	Trichloroethene	50000 u
124-48-1	Dibromochloromethane	50000 u
79-00-5	1,1,2-Trichloroethane	50000 u
71-43-2	Benzene	50000 u
10061-01-5	cis-1,3-Dichloropropene	50000 u
110-75-8	2-Chloroethylvinylether	100000 u
75-25-2	Bromoform	50000 u
108-10-1	4-Methyl-2-Pentanone	100000 u
591-78-6	2-Hexanone	100000 u
127-18-4	Tetrachlorethene	50000 u
79-34-5	1,1,2,2-Tetrachloroethane	50000 u
108-88-3	Toluene	50000 u
108-90-7	Chlorobenzene	50000 u
100-41-4	Ethylbenzene	50000 u
100-42-5	Styrene	50000 u
	Total Xylenes	50000 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value - If the result is a value greater than or equal to the detection limit, report the value

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the indicated detection limit but greater than zero (e.g. 10J).

C - This flag applies to pesticide parameters where the identification has been comfirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

S - Spiked compound.

N - No value required.

Sample Number

#13 GW-7
SW-1

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050944
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/20/86

****

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 05/22/86
Date Analyzed: 05/22/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: NR
Percent Moisture (Decanted): NR

CAS Number		ug/l
74-87-3	Chloromethane	10 u
74-83-9	Bromomethane	10 u
75-01-4	Vinyl Chloride	10 u
75-00-3	Chloroethane	10 u
75-09-2	Methylene Chloride	1 J,B
67-64-1	Acetone	14 B
75-15-0	Carbon Disulfide	5 u
75-35-4	1,1-Dichloroethene	5 u
75-34-3	1,1-Dichloroethane	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u
67-66-3	Chloroform	5 u
107-06-2	1,2-Dichloroethane	5 u
78-93-3	2-Butanone	10 u
71-55-6	1,1,1-Trichloroethane	5 u
56-23-5	Carbon Tetrachloride	5 u
108-05-4	Vinyl Acetate	10 u
75-27-4	Bromodichloromethane	5 u

Data reporting qualifiers are explained on Page 2.
****

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES #13 GW-7

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/l
		**********
78-87-5	1,2-Dichloropropane	5 u
10061-02-6	Trans-1,3-Dichloropropene	5 u
79-01-6	Trichloroethene	5 u
124-48-1	Dibromochloromethane	5 u
79-00-5	1,1,2-Trichloroethane	5 u
71-43-2	Benzene	5 u
10061-01-5	cis-1,3-Dichloropropene	5 u
110-75-8	2-Chloroethylvinylether	10 u
75-25-2	Bromoform	5 u
108-10-1	4-Methyl-2-Pentanone	10 u
591-78-6	2-Hexanone	10 u
127-18-4	Tetrachlorethene	5 u
79-34-5	1,1,2,2-Tetrachloroethane	5 u
108-88-3	Toluene	5 u
108-90-7	Chlorobenzene	5 u
100-41-4	Ethylbenzene	5 u
100-42-5	Styrene	5 u
	Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

alue - If the result is a value greater than or equal to the detection limit, report the value

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the indicated detection limit but greater than zero (e.g. 10J).

- This flag applies to pesticide parameters where the identification has been comfirmed by GC/MS. Single component pesticides>=10ng/ul in the final extract should be confirmed by GC/MS.

- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

- Spiked compound.

- No value required.

Sample Number

#11 GW-5
SW-3

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050943
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/20/86

****

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 05/22/86
Date Analyzed: 05/22/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: NR
Percent Moisture (Decanted): NR

CAS Number		ug/l
74-87-3	Chloromethane	10 u
74-83-9	Bromomethane	10 u
75-01-4	Vinyl Chloride	10 u
75-00-3	Chloroethane	10 u
75-09-2	Methylene Chloride	3 J,B
67-64-1	Acetone	20 B
75-15-0	Carbon Disulfide	5 u
75-35-4	1,1-Dichloroethene	5 u
75-34-3	1,1-Dichloroethane	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u
67-66-3	Chloroform	5 u
107-06-2	1,2-Dichloroethane	5 u
78-93-3	2-Butanone	10 u
71-55-6	1,1,1-Trichloroethane	5 u
56-23-5	Carbon Tetrachloride	5 u
108-05-4	Vinyl Acetate	10 u
75-27-4	Bromodichloromethane	5 u

Data reporting qualifiers are explained on Page 2.
****

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES #11 GW-5

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/l
		**********
78-87-5	1,2-Dichloropropane	5 u
10061-02-6	Trans-1,3-Dichloropropene	5 u
79-01-6	Trichloroethene	5 u
124-48-1	Dibromochloromethane	5 u
79-00-5	1,1,2-Trichloroethane	5 u
71-43-2	Benzene	5 u
10061-01-5	cis-1,3-Dichloropropene	5 u
110-75-8	2-Chloroethylvinylether	10 u
75-25-2	Bromoform	5 u
108-10-1	4-Methyl-2-Pentanone	10 u
591-78-6	2-Hexanone	10 u
127-18-4	Tetrachlorethene	5 u
79-34-5	1,1,2,2-Tetrachloroethane	5 u
108-88-3	Toluene	5 u
108-90-7	Chlorobenzene	5 u
100-41-4	Ethylbenzene	5 u
100-42-5	Styrene	5 u
	Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

alue - If the result is a value greater than or equal to the detection limit, report the value

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the indicated detection limit but greater than zero (e.g. 10J).

- This flag applies to pesticide parameters where the identification has been comfirmed by GC/MS. Single component pesticides>=10ng/ul in the final extract should be confirmed by GC/MS.

- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

- Spiked compound.

R - No value required.

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES #11 GW-5

Organics Analysis Data Sheet
(Page 6)

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/l
*********	**********	****	****	******
	UNKNOWN	VOA	238	10 J

Sample Number

#10 GW-4
SW-4

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050942
Sample Matrix: Water
Data Release Authorized By:
David A. Damer
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/20/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 05/22/86
Date Analyzed: 05/22/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: NR
Percent Moisture (Decanted): NR

CAS Number		ug/l
74-87-3	Chloromethane	10 u
74-83-9	Bromomethane	10 u
75-01-4	Vinyl Chloride	10 u
75-00-3	Chloroethane	10 u
75-09-2	Methylene Chloride	42 B
67-64-1	Acetone	47 B
75-15-0	Carbon Disulfide	5 u
75-35-4	1,1-Dichloroethene	5 u
75-34-3	1,1-Dichloroethane	16
156-60-5	Trans-1,2-Dichloroethene	5 u
67-66-3	Chloroform	5 u
107-06-2	1,2-Dichloroethane	5 u
78-93-3	2-Butanone	23
71-55-6	1,1,1-Trichloroethane	5 u
56-23-5	Carbon Tetrachloride	5 u
108-05-4	Vinyl Acetate	10 u
75-27-4	Bromodichloromethane	5 u

Data reporting qualifiers are explained on Page 2.
****

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES #10 GW-4

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/l
		**********
78-87-5	1,2-Dichloropropane	5 u
10061-02-6	Trans-1,3-Dichloropropene	5 u
79-01-6	Trichloroethene	5 u
124-48-1	Dibromochloromethane	5 u
79-00-5	1,1,2-Trichloroethane	5 u
71-43-2	Benzene	5 u
10061-01-5	cis-1,3-Dichloropropene	5 u
110-75-8	2-Chloroethylvinylether	10 u
75-25-2	Bromoform	5 u
108-10-1	4-Methyl-2-Pentanone	9 J
591-78-6	2-Hexanone	10 u
127-18-4	Tetrachlorethene	5 u
79-34-5	1,1,2,2-Tetrachloroethane	5 u
108-88-3	Toluene	5
108-90-7	Chlorobenzene	5 u
100-41-4	Ethylbenzene	5 u
100-42-5	Styrene	5 u
	Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

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J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the indicated detection limit but greater than zero (e.g. 10J).

C - This flag applies to pesticide parameters where the identification has been comfirmed by GC/MS. Single component pesticides>=10ng/ul in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

S - Spiked compound.

NR - No value required.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
#10 GW-4

Organics Analysis Data Sheet
(Page 6)

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/l
**********	**********	****	****	******
	UNKNOWN	VOA	226	50 J
108-20-3	PROPANE, 2,2'-OXYBIS-	VOA	377	80 J

NUS CORPORATION

Laboratory Services Division
5350 Campbells Run Road
Pittsburgh, PA 15205

REMIT TO:
Park West Two
Cliff Mine Road
Pittsburgh, PA 15275
412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EBER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVENUE
LOCUST VALLEY, NY 11560

ATTENTION: MR. NICK ANDRIANAS

REPORT DATE: 05/30/86

NUS CLIENT NO: 893901
VENDOR NO: 07785900
WORK ORDER NO: 55830
DATE RECEIVED: 05/20/86

SAMPLE IDENTIFICATION			NUS SAMPLE NO	RESULTS	UNITS
#4 - GW-1 - WELL A		05/16 1100	16050937		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			1.4	mg/l
W315	Halogens, Total Organic (TOX)			< 10	ug/l
#5 - GW-2 - WELL B		05/16 335 PM	16050938		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			59.8	mg/l
W315	Halogens, Total Organic (TOX)			22000	ug/l
#6 - GW-2 - WELL B - DUPLICATE		05/16 335 PM	16050939		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			71.1	mg/l
W315	Halogens, Total Organic (TOX)			180000	ug/l
#8 - GW-3 - WELL C		05/16 345 PM	16050940		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			107	mg/l
W315	Halogens, Total Organic (TOX)			120000	ug/l
#9 - GW-2 - WELL B - BLANK		05/16 335 PM	16050941		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			1.4	mg/l
W315	Halogens, Total Organic (TOX)			< 10	ug/l
#10 - GW-4 - SW-4		05/16 0830	16050942		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			22.6	mg/l
W315	Halogens, Total Organic (TOX)			< 200	ug/l
#11 - GW-5 - WELL SW-3		05/17 1223	16050943		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			73.9	mg/l

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NUS CORPORATION

Laboratory Services Division
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Pittsburgh, PA 15205

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Pittsburgh, PA 15275
412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EDER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVENUE
LOCUST VALLEY, NY 11560
ATTENTION: MR. NICK ANDRIANAS

REPORT DATE: 05/30/86

NUS CLIENT NO: 893901
VENDOR NO: 07785900
WORK ORDER NO: 55830
DATE RECEIVED: 05/20/86

SAMPLE IDENTIFICATION			NUS SAMPLE NO	RESULTS	UNITS
#11 - GW-5 - WELL SW-3		05/17 1223	16050943 - CONTINUED		
W315	Halogens, Total Organic (TOX)			270	ug/l
#13 - GW-7 - SW-1		05/17 417 PM	16050944		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			2.8	mg/l
W315	Halogens, Total Organic (TOX)			< 40	ug/l
#14 - FINAL RINSE WATER		05/17 615 PM	16050945		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			2.7	mg/l
W315	Halogens, Total Organic (TOX)			< 40	ug/l
#15 - WASH WATER - DECON-1		05/18 0947	16050946		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			22.7	mg/l
W315	Halogens, Total Organic (TOX)			420	ug/l

COMMENTS:

Reviewed and Approved by: JMC

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5350 Campbells Run Road
Pittsburgh, PA 15205

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Pittsburgh, PA 15275

412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EDER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVENUE
LOCUST VALLEY, NY 11560

ATTENTION: MR. NICK ANDRIANAS

REPORT DATE: 06/20/86

NUS CLIENT NO: 893901
VENDOR NO: 07785900
WORK ORDER NO: 55830
DATE RECEIVED: 05/07/86

SAMPLE IDENTIFICATION		NUS SAMPLE NO	RESULTS	UNITS
#1-CISTERN (CS-1,CS-2,CS-3,CS-4)	05/05 1250	16050288		
0F02 HSL - Volatile Organic Acids				
W116 Organic Carbon(non-purgeable)			2760	mg/l
W315 Halogens, Total Organic (TOX)			23000	ug/l
#14 SS-106 SB-12	05/05 1206	16050289		
0F19 HSL-Volatile Organic Acid-Soil				
#17 SS-93 SB-11	05/05 0845	16050290		
0F19 HSL-Volatile Organic Acid-Soil				
#46 SS-84 SB-10	05/05 1144	16050291		
0F19 HSL-Volatile Organic Acid-Soil				
#49 SS-70 BLANK WELL "C"	04/30 1209	16050292		
0F19 HSL-Volatile Organic Acid-Soil				
#52 SS-96 SB-11	05/05 0907	16050293		
0F19 HSL-Volatile Organic Acid-Soil				
#53 SS-96 SB-11 DUP	05/05 0927	16050294		
0F19 HSL-Volatile Organic Acid-Soil				
#54 SS-96 SB-11 BLANK	05/05	16050295		
0F19 HSL-Volatile Organic Acid-Soil				
#59 SS-101 SB-12	05/05 1104	16050296		
0F19 HSL-Volatile Organic Acid-Soil				
#60 SS-70 WELL "C" DUP	04/30 1209	16050297		
0F19 HSL-Volatile Organic Acid-Soil				

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412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EDER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVENUE
LOCUST VALLEY, NY 11560

ATTENTION: MR. NICK ANDRIANAS

REPORT DATE: 06/20/86

NUS CLIENT NO: 893901
VENDOR NO: 07785900
WORK ORDER NO: 55830
DATE RECEIVED: 05/07/86

SAMPLE IDENTIFICATION		NUS SAMPLE NO	RESULTS	UNITS
#64 SS-66 WELL "C"	04/30 1123	16050298		
OF19 HSL-Volatile Organic Acid-Soil				
#68 SS-70 WELL "C"	04/30 1209	16050299		
OF19 HSL-Volatile Organic Acid-Soil				
#71 SS-76 SB-9	05/02 0839	16050300		
OF19 HSL-Volatile Organic Acid-Soil				
#72 SS-79 SB-9	05/02 0956	16050301		
OF19 HSL-Volatile Organic Acid-Soil				
#80 SS-90 SB-10	05/02 106	16050302		
OF19 HSL-Volatile Organic Acid-Soil				

COMMENTS: Organic Data Package shipped 6/18/86.

Reviewed and Approved by: JMC

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NUS CORPORATION

Laboratory Services Division
5350 Campbells Run Road
Pittsburgh, PA 15205

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Pittsburgh, PA 15275

412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EDER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVENUE
LOCUST VALLEY, NY 11560
ATTENTION: MR. NICK ANDRIANAS

REPORT DATE: 05/16/86

NUS CLIENT NO: 893901
NUS SAMPLE NO: 16050599
VENDOR NO: 07785900
WORK ORDER NO: 55830
DATE RECEIVED: 05/11/86

SAMPLE IDENTIFICATION: #2 - CS-6 - INFLUENT PIPE TO CISTERN 1120-RUSH!

TEST	DETERMINATION	RESULTS	UNITS
OM98	Hydrocarbon GC Scan		
OP80	Total PCB's	< 50	mg/kg

COMMENTS: SAMPLE HAD THE ODOR OF METHYL ISOBUTYL KETONE. HYDROCARBON SCAN RESULTS: MINERAL SPIRITS.

Reviewed and Approved by: JMC

NUS CORPORATION

Laboratory Services Division
5350 Campbells Run Road
Pittsburgh, PA 15205

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Park West Two
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Pittsburgh, PA 15275

412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EBER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVENUE
LOCUST VALLEY, NY 11560

ATTENTION: MR. NICK ANDRIANAS

REPORT DATE: 05/30/86

NUS CLIENT NO: 893901
VENDOR NO: 07785900
WORK ORDER NO: 55830
DATE RECEIVED: 05/19/86

SAMPLE IDENTIFICATION			NUS SAMPLE NO	RESULTS	UNITS
#3 - STR-1 - STREAM BLANK SCUM		05/15	16050846		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			19.0	mg/l
W315	Halogens, Total Organic (TOX)			17	ug/l
#83 - SB-1 - SS-158		05/17 1137	16050847		
OF19	HSL-Volatile Organic Acid-Soil				
#88 - SB-1 - SS-156		05/09 1200	16050848		
OF19	HSL-Volatile Organic Acid-Soil				
#126 - SB-1 - SS-162		05/12 610 PM	16050849		
OF19	HSL-Volatile Organic Acid-Soil				
#127 - SB-1 - SS-162 DUP		05/12 610 PM	16050850		
OF19	HSL-Volatile Organic Acid-Soil				
#129 - SB-3 - SS-165		05/13 0910	16050851		
OF19	HSL-Volatile Organic Acid-Soil				
#132 - SB-3 - SS-167		05/13 1123	16050852		
OF19	HSL-Volatile Organic Acid-Soil				
#137 - SB-6 - SS-173		05/14 1050	16050853		
OF19	HSL-Volatile Organic Acid-Soil				
#139 - SB-6 - SS-171		05/14 0930	16050854		
OF19	HSL-Volatile Organic Acid-Soil				
#141 - SB-4 - SS-176		05/14 309 PM	16050855		
OF19	HSL-Volatile Organic Acid-Soil				

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Laboratory Services Division
5350 Campbells Run Road
Pittsburgh, PA 15205

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Park West Two
Cliff Mine Road
Pittsburgh, PA 15275
412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EDER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVENUE
LOCUST VALLEY, NY 11560

ATTENTION: MR. NICK ANDRIANAS

REPORT DATE: 05/30/86

NUS CLIENT NO: 893901
VENDOR NO: 07785900
WORK ORDER NO: 55830
DATE RECEIVED: 05/19/86

SAMPLE IDENTIFICATION		NUS SAMPLE NO	RESULTS	UNITS
#142 - SB-4 - SS-176 - DUP OF19 HSL-Volatile Organic Acid-Soil	05/14 309 PM	16050856		
#143 - SB-4 - SS-179 OF19 HSL-Volatile Organic Acid-Soil	05/14 355 PM	16050857		
#146 - SB-4 - SS-176 - BLANK OF19 HSL-Volatile Organic Acid-Soil	05/14 309 PM	16050858		
#149 - SB-7 - SS-181 OF19 HSL-Volatile Organic Acid-Soil	05/15 1130	16050859		
#150 - SB-7 - SS-184 OF19 HSL-Volatile Organic Acid-Soil	05/15 140 PM	16050860		
#152 - SB-1 - SS-162 - BLANK OF19 HSL-Volatile Organic Acid-Soil	05/12 610 PM	16050861		

COMMENTS:

Reviewed and Approved by: JMC

A Halliburton Company

CLIENT ORIGINAL

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
WELLA GW1

DATE 86/06/09

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8606-0094

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	10 U F	15.	MERCURY	.2 U
4.	BARIUM	60 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 U P
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	5 U F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi A. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
WELLB GW2

DATE 86/06/09

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8606-0095

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	10 U F	15.	MERCURY	.2 U
4.	BARIUM	[190] P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 U P
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	5 U F	24.	ZINC	

CYANIDE

PERCENT SOLIDS (%)

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi O. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
WELLB GW2DUP

DATE 86/06/09

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8606-0096

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	10 U F	15.	MERCURY	.2 U
4.	BARIUM	[190] P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 U P
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	5 U F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUST BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi O. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
WELLB GW2BLK

DATE 86/06/09

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8606-0097

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	10 U F	15.	MERCURY	.2 U
4.	BARIUM	60 U F	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U F	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 U F
8.	CHROMIUM	10 U F	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	5 U F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi A. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
WELLC GW3

DATE 86/06/09

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8606-0098

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	10 U F	15.	MERCURY	.4 U
4.	BARIUM	[100] F	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U F	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 U F
8.	CHROMIUM	10 U F	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	5 U F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MU BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi O. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
SW1 GW7

DATE 86/06/09

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8606-0101

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	10 U F	15.	MERCURY	.2 U
4.	BARIUM	60 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 U P
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	5 U F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi A. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
SW3 GW5

DATE 86/06/09

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8606-0100

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	10 U F	15.	MERCURY	.2 U
4.	BARIUM	60 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 U P
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	5 U F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi A. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
SW4 GW4

DATE 86/06/09

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8606-0099

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	10 U F	15.	MERCURY	.2 U
4.	BARIUM	210 P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 U P
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	5 U F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi O. Mitchell

Sample Number

GW-1

WELL SW-1

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091126
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/23/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/02/86
Date Analysed: 10/02/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	10 u	78-87-5	1,2-Dichloropropane	5 u
74-83-9	Bromomethane	10 u	10061-02-6	Trans-1,3-Dichloropropene	5 u
75-01-4	Vinyl Chloride	10 u	79-01-6	Trichloroethene	5 u
75-00-3	Chloroethane	10 u	124-48-1	Dibromochloromethane	5 u
75-09-2	Methylene Chloride	180	79-00-5	1,1,2-Trichloroethane	5 u
67-64-1	Acetone	10 u	71-43-2	Benzene	5 u
75-15-0	Carbon Disulfide	5 u	10061-01-5	cis-1,3-Dichloropropene	5 u
75-35-4	1,1-Dichloroethene	5 u	110-75-8	2-Chloroethylvinylether	10 u
75-34-3	1,1-Dichloroethane	5 u	75-25-2	Bromoform	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u	108-10-1	4-Methyl-2-Pentanone	10 u
67-66-3	Chloroform	5 u	591-78-6	2-Hexanone	10 u
107-06-2	1,2-Dichloroethane	5 u	127-18-4	Tetrachloroethene	5 u
78-93-3	2-Butanone	10 u	79-34-5	1,1,2,2-Tetrachloroethane	5 u
71-55-6	1,1,1-Trichloroethane	5 u	108-88-3	Toluene	2 J
56-23-5	Carbon Tetrachloride	5 u	108-90-7	Chlorobenzene	5 u
108-05-4	Vinyl Acetate	10 u	100-41-4	Ethylbenzene	5 u
75-27-4	Bromodichloromethane	5 u	100-42-5	Styrene	5 u
				Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit, report the value.

U Indicates compound was analysed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analysed for but not detected. The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C This flag applies to pesticide parameters wher the identification has been confirmed by GC/MS Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in blank as well as a sample. It indicates possib probable blank contamination and warns the dat user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If us they must be fully described and such descript attached to the data summary report.

S Spiked Compound

NR No value required.

Sample Number

WELL: SW-2

Sample ID # GW-

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16100396
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/04/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/09/86
Date Analysed: 10/09/86
Conc/Dil Factor: 1 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	10 u	78-87-5	1,2-Dichloropropane	5 u
74-83-9	Bromomethane	10 u	10061-02-6	Trans-1,3-Dichloropropene	5 u
75-01-4	Vinyl Chloride	10 u	79-01-6	Trichloroethene	5 u
75-00-3	Chloroethane	10 u	124-48-1	Dibromochloromethane	5 u
75-09-2	Methylene Chloride	7 B	79-00-5	1,1,2-Trichloroethane	5 u
67-64-1	Acetone	10 u	71-43-2	Benzene	5 u
75-15-0	Carbon Disulfide	5 u	10061-01-5	cis-1,3-Dichloropropene	5 u
75-35-4	1,1-Dichloroethene	5 u	110-75-8	2-Chloroethylvinylether	10 u
75-34-3	1,1-Dichloroethane	5 u	75-25-2	Bromoform	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u	108-10-1	4-Methyl-2-Pentanone	10 u
67-66-3	Chloroform	5 u	591-78-6	2-Hexanone	10 u
107-06-2	1,2-Dichloroethane	5 u	127-18-4	Tetrachloroethene	5 u
78-93-3	2-Butanone	10 u	79-34-5	1,1,2,2-Tetrachloroethane	5 u
71-55-6	1,1,1-Trichloroethane	5 u	108-88-3	Toluene	5 u
56-23-5	Carbon Tetrachloride	5 u	108-90-7	Chlorobenzene	5 u
108-05-4	Vinyl Acetate	10 u	100-41-4	Ethylbenzene	5 u
75-27-4	Bromodichloromethane	5 u	100-42-5	Styrene	5 u
				Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value — If the result is a value greater than or equal to the detection limit, report the value.

U — Indicates compound was analysed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analysed for but not detected. The number is the minimum attainable detection limit for the sample.

J — Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C — This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B — This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take the appropriate action.

Other — Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

S — Spiked Compound

NR — No value required.

Sample Number

GW-2

well SW-3

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091127
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/23/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/02/86
Date Analyzed: 10/02/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	10 u	78-87-5	1,2-Dichloropropane	5 u
74-83-9	Bromomethane	10 u	10061-02-6	Trans-1,3-Dichloropropene	5 u
75-01-4	Vinyl Chloride	10 u	79-01-6	Trichloroethene	5 u
75-00-3	Chloroethane	10 u	124-48-1	Dibromochloromethane	5 u
75-09-2	Methylene Chloride	100	79-00-5	1,1,2-Trichloroethane	5 u
67-64-1	Acetone	10 u	71-43-2	Benzene	5 u
75-15-0	Carbon Disulfide	5 u	10061-01-5	cis-1,3-Dichloropropene	5 u
75-35-4	1,1-Dichloroethene	5 u	110-75-8	2-Chloroethylvinylether	10 u
75-34-3	1,1-Dichloroethane	5 u	75-25-2	Bromoform	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u	108-10-1	4-Methyl-2-Pentanone	10 u
67-66-3	Chloroform	5 u	591-78-6	2-Hexanone	10 u
107-06-2	1,2-Dichloroethane	5 u	127-18-4	Tetrachloroethene	5 u
78-93-3	2-Butanone	10 u	79-34-5	1,1,2,2-Tetrachloroethane	5 u
71-55-6	1,1,1-Trichloroethane	5 u	108-88-3	Toluene	5 u
56-23-5	Carbon Tetrachloride	5 u	108-90-7	Chlorobenzene	5 u
108-05-4	Vinyl Acetate	10 u	100-41-4	Ethylbenzene	5 u
75-27-4	Bromodichloromethane	5 u	100-42-5	Styrene	5 u
				Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit, report the value.

U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C This flag applies to pesticide parameters wh the identification has been confirmed by GC/ Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found blank as well as a sample. It indicates poss probable blank contamination and warns the d user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If they must be fully described and such descri attached to the data summary report.

S Spiked Compound

NR No value required.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
GW-2

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/l
1 .	629-14-1	ETHANE, 1,2-DIETHOXY-	VOA	228	20 J
2 .					
3 .					
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
15 .					
16 .					
17 .					
18 .					
19 .					
20 .					
21 .					
22 .					
23 .					
24 .					
25 .					
26 .					
27 .					
28 .					
29 .					
30 .					

Sample Number

CV-4

WELL: SW-4

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091129
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/23/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/02/86
Date Analyzed: 10/02/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	10 u	78-87-5	1,2-Dichloropropane	5 u
74-83-9	Bromomethane	10 u	10061-02-6	Trans-1,3-Dichloropropene	5 u
75-01-4	Vinyl Chloride	10 u	79-01-6	Trichloroethene	5 u
75-00-3	Chloroethane	10 u	124-48-1	Dibromochloromethane	5 u
75-09-2	Methylene Chloride	170	79-00-5	1,1,2-Trichloroethane	5 u
67-64-1	Acetone	10 u	71-43-2	Benzene	5 u
75-15-0	Carbon Disulfide	5 u	10061-01-5	cis-1,3-Dichloropropene	5 u
75-35-4	1,1-Dichloroethene	5 u	110-75-8	2-Chloroethylvinylether	10 u
75-34-3	1,1-Dichloroethane	12	75-25-2	Bromoform	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u	108-10-1	4-Methyl-2-Pentanone	10 u
67-66-3	Chloroform	5 u	591-78-6	2-Hexanone	10 u
107-06-2	1,2-Dichloroethane	5 u	127-18-4	Tetrachloroethene	5 u
78-93-3	2-Butanone	10 u	79-34-5	1,1,2,2-Tetrachloroethane	5 u
71-55-6	1,1,1-Trichloroethane	5 u	108-88-3	Toluene	3 J
56-23-5	Carbon Tetrachloride	5 u	108-90-7	Chlorobenzene	5 u
108-05-4	Vinyl Acetate	10 u	100-41-4	Ethylbenzene	5 u
75-27-4	Bromodichloromethane	5 u	100-42-5	Styrene	5 u
				Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit, report the value.

U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C This flag applies to pesticide parameters wher the identification has been confirmed by GC/MS Single component pesticides)>10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in blank as well as a sample. It indicates possib probable blank contamination and warns the data user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If us they must be fully described and such descript attached to the data summary report.

S Spiked Compound

NR No value required.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
GW-4

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/l
1 .	75-65-0	2-PROPANOL, 2-METHYL-	VOA	220	10 J
2 .	108-20-3	PROPANE, 2-2'-OXYBIS-	VOA	365	100 J
3 .					
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
15 .					
16 .					
17 .					
18 .					
19 .					
20 .					
21 .					
22 .					
23 .					
24 .					
25 .					
26 .					
27 .					
28 .					
29 .					
30 .					

Sample Number

GW-3
WELL A

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091128
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/23/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/02/86
Date Analyzed: 10/02/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	10 u	78-87-5	1,2-Dichloropropane	5 u
74-83-9	Bromomethane	10 u	10061-02-6	Trans-1,3-Dichloropropene	5 u
75-01-4	Vinyl Chloride	10 u	79-01-6	Trichloroethene	5 u
75-00-3	Chloroethane	10 u	124-48-1	Dibromochloromethane	5 u
75-09-2	Methylene Chloride	170	79-00-5	1,1,2-Trichloroethane	5 u
67-64-1	Acetone	10 u	71-43-2	Benzene	5 u
75-15-0	Carbon Disulfide	5 u	10061-01-5	cis-1,3-Dichloropropene	5 u
75-35-4	1,1-Dichloroethene	5 u	110-75-8	2-Chloroethylvinylether	10 u
75-34-3	1,1-Dichloroethane	5 u	75-25-2	Bromoform	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u	108-10-1	4-Methyl-2-Pentanone	10 u
67-66-3	Chloroform	5 u	591-78-6	2-Hexanone	10 u
107-06-2	1,2-Dichloroethane	5 u	127-18-4	Tetrachloroethene	5 u
78-93-3	2-Butanone	10 u	79-34-5	1,1,2,2-Tetrachloroethane	5 u
71-55-6	1,1,1-Trichloroethane	5 u	108-88-3	Toluene	2 J
56-23-5	Carbon Tetrachloride	5 u	108-90-7	Chlorobenzene	5 u
108-05-4	Vinyl Acetate	10 u	100-41-4	Ethylbenzene	5 u
75-27-4	Bromodichloromethane	5 u	100-42-5	Styrene	5 u
				Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit, report the value.

U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C This flag applies to pesticide parameters whe the identification has been confirmed by GC/M Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found i blank as well as a sample. It indicates possi probable blank contamination and warns the da user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If u they must be fully described and such descri attached to the data summary report.

S Spiked Compound

NR No value required.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
GW-3

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/l
1 .		UNKNOWN	VOA	272	6 J
2 .					
3 .					
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
15 .					
16 .					
17 .					
18 .					
19 .					
20 .					
21 .					
22 .					
23 .					
24 .					
25 .					
26 .					
27 .					
28 .					
29 .					
30 .					

Sample Number

GV-S

WELL B

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091130
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/23/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/02/86
Date Analysed: 10/02/86
Conc/Dil Factor: 8000 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	80000 u	78-87-5	1,2-Dichloropropane	40000 u
74-83-9	Bromomethane	80000 u	10061-02-6	Trans-1,3-Dichloropropene	40000 u
75-01-4	Vinyl Chloride	80000 u	79-01-6	Trichloroethene	40000 u
75-00-3	Chloroethane	80000 u	124-48-1	Dibromochloromethane	40000 u
75-09-2	Methylene Chloride	610000	79-00-5	1,1,2-Trichloroethane	40000 u
67-64-1	Acetone	80000 u	71-43-2	Benzene	40000 u
75-15-0	Carbon Disulfide	40000 u	10061-01-5	cis-1,3-Dichloropropene	40000 u
75-35-4	1,1-Dichloroethene	40000 u	110-75-8	2-Chloroethylvinylether	80000 u
75-34-3	1,1-Dichloroethane	40000 u	75-25-2	Bromoform	40000 u
156-60-5	Trans-1,2-Dichloroethene	40000 u	108-10-1	4-Methyl-2-Pentanone	80000 u
67-66-3	Chloroform	40000 u	591-78-6	2-Hexanone	80000 u
107-06-2	1,2-Dichloroethane	40000 u	127-18-4	Tetrachloroethene	40000 u
78-93-3	2-Butanone	80000 u	79-34-5	1,1,2,2-Tetrachloroethane	40000 u
71-55-6	1,1,1-Trichloroethane	40000 u	108-88-3	Toluene	40000 u
56-23-5	Carbon Tetrachloride	40000 u	108-90-7	Chlorobenzene	40000 u
108-05-4	Vinyl Acetate	80000 u	100-41-4	Ethylbenzene	40000 u
75-27-4	Bromodichloromethane	40000 u	100-42-5	Styrene	40000 u
				Total Xylenes	40000 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit, report the value.

U Indicates compound was analysed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analysed for but not detected. The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C This flag applies to pesticide parameters wher the identification has been confirmed by GC/MS Single component pesticides)>10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in blank as well as a sample. It indicates possib probable blank contamination and warns the dat user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If us they must be fully described and such descript attached to the data summary report.

S Spiked Compound

NR No value required.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
GW-5

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/l
1 .		UNKNOWN	VOA	216	90000 J
2 .					
3 .					
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
15 .					
16 .					
17 .					
18 .					
19 .					
20 .					
21 .					
22 .					
23 .					
24 .					
25 .					
26 .					
27 .					
28 .					
29 .					
30 .					

Sample Number

GW-6

WELL C

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091131
Sample Matrix: Water
Data Release Authorized By: David A. Damer

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/23/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/02/86
Date Analyzed: 10/02/86
Conc/Dil Factor: 8000 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	80000 u	78-87-5	1,2-Dichloropropane	40000 u
74-83-9	Bromomethane	80000 u	10061-02-6	Trans-1,3-Dichloropropene	40000 u
75-01-4	Vinyl Chloride	80000 u	79-01-6	Trichloroethene	40000 u
75-00-3	Chloroethane	80000 u	124-48-1	Dibromochloromethane	40000 u
75-09-2	Methylene Chloride	1500000	79-00-5	1,1,2-Trichloroethane	40000 u
67-64-1	Acetone	80000 u	71-43-2	Benzene	40000 u
75-15-0	Carbon Disulfide	40000 u	10061-01-5	cis-1,3-Dichloropropene	40000 u
75-35-4	1,1-Dichloroethene	40000 u	110-75-8	2-Chloroethylvinylether	80000 u
75-34-3	1,1-Dichloroethane	40000 u	75-25-2	Bromoform	40000 u
156-60-5	Trans-1,2-Dichloroethene	40000 u	108-10-1	4-Methyl-2-Pentanone	80000 u
67-66-3	Chloroform	40000 u	591-78-6	2-Hexanone	80000 u
107-06-2	1,2-Dichloroethane	40000 u	127-18-4	Tetrachloroethene	40000 u
78-93-3	2-Butanone	80000 u	79-34-5	1,1,2,2-Tetrachloroethane	40000 u
71-55-6	1,1,1-Trichloroethane	40000 u	108-88-3	Toluene	40000 u
56-23-5	Carbon Tetrachloride	40000 u	108-90-7	Chlorobenzene	40000 u
108-05-4	Vinyl Acetate	80000 u	100-41-4	Ethylbenzene	40000 u
75-27-4	Bromodichloromethane	40000 u	100-42-5	Styrene	40000 u
				Total Xylenes	40000 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit, report the value.

U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C This flag applies to pesticide parameters wher the identification has been confirmed by GC/MS Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in blank as well as a sample. It indicates possib probable blank contamination and warns the dat user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If us they must be fully described and such descript attached to the data summary report.

S Spiked Compound

NR No value required.

Sample Number

~~SW-10~~ GW-10 WELL E

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16100395
Sample Matrix: Water
Data Release Authorized By: David R. Danner

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/04/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/09/86
Date Analyzed: 10/09/86
Conc/Dil Factor: 1 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	10 u	78-87-5	1,2-Dichloropropane	5 u
74-83-9	Bromomethane	10 u	10061-02-6	Trans-1,3-Dichloropropene	5 u
75-01-4	Vinyl Chloride	10 u	79-01-6	Trichloroethene	5 u
75-00-3	Chloroethane	10 u	124-48-1	Dibromochloromethane	5 u
75-09-2	Methylene Chloride	5 u	79-00-5	1,1,2-Trichloroethane	5 u
67-64-1	Acetone	10 u	71-43-2	Benzene	5 u
75-15-0	Carbon Disulfide	5 u	10061-01-5	cis-1,3-Dichloropropene	5 u
75-35-4	1,1-Dichloroethene	5 u	110-75-8	2-Chloroethylvinylether	10 u
75-34-3	1,1-Dichloroethane	5 u	75-25-2	Bromoform	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u	108-10-1	4-Methyl-2-Pentanone	10 u
67-66-3	Chloroform	5 u	591-78-6	2-Hexanone	10 u
107-06-2	1,2-Dichloroethane	5 u	127-18-4	Tetrachloroethene	5 u
78-93-3	2-Butanone	10 u	79-34-5	1,1,2,2-Tetrachloroethane	5 u
71-55-6	1,1,1-Trichloroethane	5 u	108-88-3	Toluene	5 u
56-23-5	Carbon Tetrachloride	5 u	108-90-7	Chlorobenzene	5 u
108-05-4	Vinyl Acetate	10 u	100-41-4	Ethylbenzene	5 u
75-27-4	Bromodichloromethane	5 u	100-42-5	Styrene	5 u
				Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value — If the result is a value greater than or equal to the detection limit, report the value.

U — Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J — Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J

C — This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B — This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take the appropriate action.

Other — Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

S — Spiked Compound

NR — No value required.

Sample Number

GW-7

WELL F

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16100391
Sample Matrix: Water
Data Release Authorized By:

David A. Danner

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/04/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/09/86
Date Analyzed: 10/09/86
Conc/Dil Factor: 2 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	20 u	78-87-5	1,2-Dichloropropane	10 u
74-83-9	Bromomethane	20 u	10061-02-6	Trans-1,3-Dichloropropene	10 u
75-01-4	Vinyl Chloride	24	79-01-6	Trichloroethene	10 u
75-00-3	Chloroethane	20 u	124-48-1	Dibromochloromethane	10 u
75-09-2	Methylene Chloride	47 B	79-00-5	1,1,2-Trichloroethane	10 u
67-64-1	Acetone	20 u	71-43-2	Benzene	10 u
75-15-0	Carbon Disulfide	10 u	10061-01-5	cis-1,3-Dichloropropene	10 u
75-35-4	1,1-Dichloroethene	10 u	110-75-8	2-Chloroethylvinylether	20 u
75-34-3	1,1-Dichloroethane	10 u	75-25-2	Bromoform	10 u
156-60-5	Trans-1,2-Dichloroethene	240	108-10-1	4-Methyl-2-Pentanone	20 u
67-66-3	Chloroform	10 u	591-78-6	2-Hexanone	20 u
107-06-2	1,2-Dichloroethane	10 u	127-18-4	Tetrachloroethene	10 u
78-93-3	2-Butanone	20 u	79-34-5	1,1,2,2-Tetrachloroethane	10 u
71-55-6	1,1,1-Trichloroethane	10 u	108-88-3	Toluene	10 u
56-23-5	Carbon Tetrachloride	10 u	108-90-7	Chlorobenzene	10 u
108-05-4	Vinyl Acetate	20 u	100-41-4	Ethylbenzene	10 u
75-27-4	Bromodichloromethane	10 u	100-42-5	Styrene	10 u
				Total Xylenes	12

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

a If the result is a value greater than or equal to the detection limit, report the value.

Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

S Spiked Compound

NR No value required.

Sample Number

GW-7 DUP

WELL F

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16100392
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/04/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/09/86
Date Analysed: 10/09/86
Conc/Dil Factor: 2 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	20 u	78-87-5	1,2-Dichloropropane	10 u
74-83-9	Bromomethane	20 u	10061-02-6	Trans-1,3-Dichloropropene	10 u
75-01-4	Vinyl Chloride	30	79-01-6	Trichloroethene	10 u
75-00-3	Chloroethane	20 u	124-48-1	Dibromochloromethane	10 u
75-09-2	Methylene Chloride	7 B	79-00-5	1,1,2-Trichloroethane	10 u
67-64-1	Acetone	20 u	71-43-2	Benzene	10 u
75-15-0	Carbon Disulfide	10 u	10061-01-5	cis-1,3-Dichloropropene	10 u
75-35-4	1,1-Dichloroethene	10 u	110-75-8	2-Chloroethylvinylether	20 u
75-34-3	1,1-Dichloroethane	10 u	75-25-2	Bromoform	10 u
156-60-5	Trans-1,2-Dichloroethene	250	108-10-1	4-Methyl-2-Pentanone	20 u
67-66-3	Chloroform	10 u	591-78-6	2-Hexanone	20 u
107-06-2	1,2-Dichloroethane	10 u	127-18-4	Tetrachloroethene	10 u
78-93-3	2-Butanone	20 u	79-34-5	1,1,2,2-Tetrachloroethane	10 u
71-55-6	1,1,1-Trichloroethane	10 u	108-88-3	Toluene	6
56-23-5	Carbon Tetrachloride	10 u	108-90-7	Chlorobenzene	10 u
108-05-4	Vinyl Acetate	20 u	100-41-4	Ethylbenzene	10 u
75-27-4	Bromodichloromethane	10 u	100-42-5	Styrene	10 u
				Total Xylenes	17

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

a[illegible] If the result is a value greater than or equal to the detection limit, report the value.

U Indicates compound was analysed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analysed for but not detected. The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

S Spiked Compound

NR No value required.

Sample Number

GW-7 BLANK

WELL F

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16100393
Sample Matrix: Water
Data Release Authorized By: David A. Damm

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/04/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/09/86
Date Analyzed: 10/09/86
Conc/Dil Factor: 1 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	10 u	78-87-5	1,2-Dichloropropane	5 u
74-83-9	Bromomethane	10 u	10061-02-6	Trans-1,3-Dichloropropene	5 u
75-01-4	Vinyl Chloride	10 u	79-01-6	Trichloroethene	5 u
75-00-3	Chloroethane	10 u	124-48-1	Dibromochloromethane	5 u
75-09-2	Methylene Chloride	5 u	79-00-5	1,1,2-Trichloroethane	5 u
67-64-1	Acetone	10 u	71-43-2	Benzene	5 u
75-15-0	Carbon Disulfide	5 u	10061-01-5	cis-1,3-Dichloropropene	5 u
75-35-4	1,1-Dichloroethene	5 u	110-75-8	2-Chloroethylvinylether	10 u
75-34-3	1,1-Dichloroethane	5 u	75-25-2	Bromoform	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u	108-10-1	4-Methyl-2-Pentanone	10 u
67-66-3	Chloroform	5 u	591-78-6	2-Hexanone	10 u
107-06-2	1,2-Dichloroethane	5 u	127-18-4	Tetrachloroethene	5 u
78-93-3	2-Butanone	10 u	79-34-5	1,1,2,2-Tetrachloroethane	5 u
71-55-6	1,1,1-Trichloroethane	5 u	108-88-3	Toluene	5 u
56-23-5	Carbon Tetrachloride	5 u	108-90-7	Chlorobenzene	5 u
108-05-4	Vinyl Acetate	10 u	100-41-4	Ethylbenzene	5 u
75-27-4	Bromodichloromethane	5 u	100-42-5	Styrene	5 u
				Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

a If the result is a value greater than or equal to the detection limit, report the value.

U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J

C This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

S Spiked Compound

NR No value required.

Sample Number

CW-8

WELL G

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16100390
Sample Matrix: Water
Data Release Authorized By:

David A. Damer

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/04/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/08/86
Date Analysed: 10/08/86
Conc/Dil Factor: 1600 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	16000 u	78-87-5	1,2-Dichloropropane	8000 u
74-83-9	Bromomethane	16000 u	10061-02-6	Trans-1,3-Dichloropropene	8000 u
75-01-4	Vinyl Chloride	16000 u	79-01-6	Trichloroethene	8000 u
75-00-3	Chloroethane	16000 u	124-48-1	Dibromochloromethane	8000 u
75-09-2	Methylene Chloride	270000 B	79-00-5	1,1,2-Trichloroethane	8000 u
67-64-1	Acetone	16000 u	71-43-2	Benzene	8000 u
75-15-0	Carbon Disulfide	8000 u	10061-01-5	cis-1,3-Dichloropropene	8000 u
75-35-4	1,1-Dichloroethene	8000 u	110-75-8	2-Chloroethylvinylether	16000 u
75-34-3	1,1-Dichloroethane	8000 u	75-25-2	Bromoform	8000 u
156-60-5	Trans-1,2-Dichloroethene	8000 u	108-10-1	4-Methyl-2-Pentanone	16000 u
67-66-3	Chloroform	8000 u	591-78-6	2-Hexanone	16000 u
107-06-2	1,2-Dichloroethane	8000 u	127-18-4	Tetrachloroethene	8000 u
78-93-3	2-Butanone	16000 u	79-34-5	1,1,2,2-Tetrachloroethane	8000 u
71-55-6	1,1,1-Trichloroethane	8000 u	108-88-3	Toluene	3600 J
56-23-5	Carbon Tetrachloride	8000 u	108-90-7	Chlorobenzene	8000 u
108-05-4	Vinyl Acetate	16000 u	100-41-4	Ethylbenzene	8000 u
75-27-4	Bromodichloromethane	8000 u	100-42-5	Styrene	8000 u
				Total Xylenes	8000 u

DAD 11/13/8

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value — If the result is a value greater than or equal to the detection limit, report the value.

U — Indicates compound was analysed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analysed for but not detected. The number is the minimum attainable detection limit for the sample.

J — Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C — This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides)>10ng/ul in the final extract should be confirmed by GC/MS.

B — This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take the appropriate action.

Other — Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

S — Spiked Compound

NR — No value required.

NUS CORPORATION

Laboratory Services Division
5350 Campbells Run Road
Pittsburgh, PA 15205

REMIT TO:
Park West Two
Cliff Mine Road
Pittsburgh, PA 15275

412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EDER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVENUE
LOCUST VALLEY, NY 11560
ATTENTION: MR. NICK ANDRIANAS

REPORT DATE: 10/07/86

NUS CLIENT NO: 893901
VENDOR NO: 05626100
WORK ORDER NO: 55830
DATE RECEIVED: 09/23/86

SAMPLE IDENTIFICATION			NUS SAMPLE NO	RESULTS	UNITS
WELL SW-1 GW-1		09/20	16091126		
NOTE: Elevated detection limit for TOX due to large amount of undissolved solids in the sample.					
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			7.6	mg/l
W315	Halogens, Total Organic (TOX)			< 20	ug/l
WELL SW-3 GW-2		09/20	16091127		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			83.8	mg/l
W315	Halogens, Total Organic (TOX)			180	ug/l
WELL A GW-3		09/20	16091128		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			1.3	mg/l
W315	Halogens, Total Organic (TOX)			< 10	ug/l
WELL SW-4 GW-4		09/20	16091129		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			9.6	mg/l
W315	Halogens, Total Organic (TOX)			16	ug/l
WELL B GW-5		09/21	16091130		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			83.8	mg/l
W315	Halogens, Total Organic (TOX)			25000	ug/l
WELL C GW-6		09/21	16091131		
OF02	HSL - Volatile Organic Acids				
W116	Organic Carbon(non-purgeable)			134	mg/l
W315	Halogens, Total Organic (TOX)			40000	ug/l

COMMENTS:

Reviewed and Approved by: JMC

CC: INVOICE

NUS CORPORATION

Laboratory Services Division
5350 Campbells Run Road
Pittsburgh, PA 15205

REMIT TO:
Park West Two
Cliff Mine Road
Pittsburgh, PA 15275

412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EDER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVE
LOCUST VALLEY, NY 11560

REPORT DATE: 11/10/86

ATTENTION: MR. NICK ANDRIANAS

NUS CLIENT NO: 893902
NUS SAMPLE NO: 16100396
VENDOR NO: 05626100
WORK ORDER NO: 55830
DATE RECEIVED: 10/04/86

SAMPLE IDENTIFICATION: GW-9 WELL SW-2 10/02

TEST	DETERMINATION	RESULTS	UNITS
0118	POLYNUCLEAR AROMATICS		
0B01	Acenaphthene	< 5	ug/l
0B02	Acenaphthylene	< 5	ug/l
0B03	Anthracene	< 5	ug/l
0B05	Benzo(a)Anthracene	< 5	ug/l
0B06	Benzo(a)Pyrene	< 5	ug/l
0B07	3,4-Benzofluoranthene	< 5	ug/l
0B08	Benzo(ghi)Perylene	< 5	ug/l
0B09	Benzo(k)Fluoranthene	< 5	ug/l
0B18	Chrysene	< 5	ug/l
0B19	Dibenzo(a,h)Anthracene	< 5	ug/l
0B31	Fluoranthene	< 5	ug/l
0B32	Fluorene	< 5	ug/l
0B37	Indeno(1,2,3 cd)Pyrene	< 5	ug/l
0B39	Naphthalene	< 5	ug/l
0B44	Phenanthrene	< 5	ug/l
0B45	Pyrene	< 5	ug/l
0D12	2-Methylnaphthalene	< 5	ug/l
0E25	Base Neutral Extraction-Water		
0F02	HSL - Volatile Organic Acids		
W116	Organic Carbon(non-purgeable)	20.9	mg/l
W315	Halogens, Total Organic (TOX)	22	ug/l

COMMENTS:

Reviewed and Approved by: JMC

CC: INVOICE

NUS CORPORATION

Laboratory Services Division
5350 Campbells Run Road
Pittsburgh, PA 15205

REMIT TO:
Park West Two
Cliff Mine Road
Pittsburgh, PA 15275

412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EBER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVE
LOCUST VALLEY, NY 11560
ATTENTION: MR. NICK ANDRIANAS

REPORT DATE: 11/10/86

NUS CLIENT NO: 893902
NUS SAMPLE NO: 16100390
VENDOR NO: 05626100
WORK ORDER NO: 55830
DATE RECEIVED: 10/04/86

SAMPLE IDENTIFICATION: GW-8 WELL 6 10/01

TEST	DETERMINATION	RESULTS	UNITS
0F02	HSL - Volatile Organic Acids		
W116	Organic Carbon(non-purgeable)	44.5	mg/l
W315	Halogens, Total Organic (TOX)	53000	ug/l

COMMENTS:

Reviewed and Approved by: JMC

CC: INVOICE

NUS CORPORATION

Laboratory Services Division
5350 Campbells Run Road
Pittsburgh, PA 15205

REMIT TO:
Park West Two
Cliff Mine Road
Pittsburgh, PA 15275

412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EDER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVE
LOCUST VALLEY, NY 11560

REPORT DATE: 11/10/86

ATTENTION: MR. NICK ANDRIANAS

NUS CLIENT NO: 893902
NUS SAMPLE NO: 16100391
VENDOR NO: 05626100
WORK ORDER NO: 55830
DATE RECEIVED: 10/04/86

SAMPLE IDENTIFICATION: GW-7 WELL F 10/01

TEST	DETERMINATION	RESULTS	UNITS
0F02	HSL - Volatile Organic Acids		
W116	Organic Carbon(non-purgeable)	5.5	mg/l
W315	Halogens, Total Organic (TOX)	170	ug/l

COMMENTS:

Reviewed and Approved by: JMC

CC: INVOICE

A Halliburton Company

CLIENT ORIGINAL

NUS CORPORATION

Laboratory Services Division
5350 Campbells Run Road
Pittsburgh, PA 15205

REMIT TO:
Park West Two
Cliff Mine Road
Pittsburgh, PA 15275

412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EDER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVE
LOCUST VALLEY, NY 11560

REPORT DATE: 11/10/86

ATTENTION: MR. NICK ANDRIANAS

NUS CLIENT NO: 893902
NUS SAMPLE NO: 16100392
VENDOR NO: 05626100
WORK ORDER NO: 55830
DATE RECEIVED: 10/04/86

SAMPLE IDENTIFICATION: GW-7 WELL F-DUPLICATE 10/01

TEST	DETERMINATION	RESULTS	UNITS
0F02	HSL - Volatile Organic Acids		
W116	Organic Carbon(non-purgeable)	5.7	mg/l
W315	Halogens, Total Organic (TOX)	160	ug/l

COMMENTS:

Reviewed and Approved by: JMC

CC: INVOICE

A Halliburton Company

CLIENT ORIGINAL

NUS CORPORATION

Laboratory Services Division
5350 Campbells Run Road
Pittsburgh, PA 15205

REMIT TO:
Park West Two
Cliff Mine Road
Pittsburgh, PA 15275

412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EDER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVE
LOCUST VALLEY, NY 11560

REPORT DATE: 11/10/86

ATTENTION: MR. NICK ANDRIANAS

NUS CLIENT NO: 893902
NUS SAMPLE NO: 16100393
VENDOR NO: 05626100
WORK ORDER NO: 55830
DATE RECEIVED: 10/04/86

SAMPLE IDENTIFICATION: GW-7 WELL F-BLANK 10/01

TEST	DETERMINATION	RESULTS	UNITS
0F02	HSL - Volatile Organic Acids		
W116	Organic Carbon(non-purgeable)	1.1	mg/l
W315	Halogens, Total Organic (TOX)	11	ug/l

COMMENTS:

Reviewed and Approved by: JMC

CC: INVOICE

A Halliburton Company

CLIENT ORIGINAL

NUS CORPORATION

Laboratory Services Division
5350 Campbells Run Road
Pittsburgh, PA 15205

REMIT TO:
Park West Two
Cliff Mine Road
Pittsburgh, PA 15275

412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EDER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVE
LOCUST VALLEY, NY 11560

REPORT DATE: 11/10/86

ATTENTION: MR. NICK ANDRIANAS

NUS CLIENT NO: 893902
NUS SAMPLE NO: 16100395
VENDOR NO: 05626100
WORK ORDER NO: 55830
DATE RECEIVED: 10/04/86

SAMPLE IDENTIFICATION: GW-10 WELL E 10/02

TEST	DETERMINATION	RESULTS	UNITS
0118	POLYNUCLEAR AROMATICS		
0B01	Acenaphthene	< 5	ug/l
0B02	Acenaphthylene	< 5	ug/l
0B03	Anthracene	< 5	ug/l
0B05	Benzo(a)Anthracene	< 5	ug/l
0B06	Benzo(a)Pyrene	< 5	ug/l
0B07	3,4-Benzofluoranthene	< 5	ug/l
0B08	Benzo(ghi)Perylene	< 5	ug/l
0B09	Benzo(k)Fluoranthene	< 5	ug/l
0B18	Chrysene	< 5	ug/l
0B19	Dibenzo(a,h)Anthracene	< 5	ug/l
0B31	Fluoranthene	< 5	ug/l
0B32	Fluorene	< 5	ug/l
0B37	Indeno(1,2,3 cd)Pyrene	< 5	ug/l
0B39	Naphthalene	< 5	ug/l
0B44	Phenanthrene	< 5	ug/l
0B45	Pyrene	< 5	ug/l
0D12	2-Methylnaphthalene	< 5	ug/l
0E25	Base Neutral Extraction-Water		
0F02	HSL - Volatile Organic Acids		
W116	Organic Carbon(non-purgeable)	4.6	mg/l
W315	Halogens, Total Organic (TOX)	26	ug/l

COMMENTS:

Reviewed and Approved by: JMC

CC: INVOICE

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.

GW-1

DATE 86/10/21

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1221

CASE NO. HUK-II
QC REPORT NO. HUK-II

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	10 U R F	15.	MERCURY	1
4.	BARIUM	60 U P	16.	NICKEL	31 U P
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U F
7.	CALCIUM		19.	SILVER	10 U P
8.	CHROMIUM	10 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	37 P	22.	TIN	
11.	IRON	1200 P	23.	VANADIUM	
12.	LEAD	5 U * R F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathy a. mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.

GW-9

DATE 86/10/21

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8611-0029

CASE NO. HUK-II
QC REPORT NO. HUK-II

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	6720 P
3.	ARSENIC	10 U R F	15.	MERCURY	2.7
4.	BARIUM	[70] P	16.	NICKEL	31 U P
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U F
7.	CALCIUM		19.	SILVER	10 U P
8.	CHROMIUM	18 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	488 P	22.	TIN	
11.	IRON	19600 P	23.	VANADIUM	
12.	LEAD	14 * R F	24.	ZINC	1230 P
	CYANIDE			PERCENT SOLIDS (%)	

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi a. mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
GW-2

DATE 86/10/21

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1222

CASE NO. HUK-II
QC REPORT NO. HUK-II

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	10 U R F	15.	MERCURY	.3
4.	BARIUM	60 U P	16.	NICKEL	31 U P
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U S F
7.	CALCIUM		19.	SILVER	10 U P
8.	CHROMIUM	12 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	25 P	22.	TIN	
11.	IRON	200 P	23.	VANADIUM	
12.	LEAD	6 * R F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi a. Mitchell

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
GW-4

DATE 86/10/21

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1224

CASE NO. HUK-II
QC REPORT NO. HUK-II

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	10 U R F	15.	MERCURY	.6
4.	BARIUM	60 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U F
7.	CALCIUM		19.	SILVER	10 U P
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	5 U * R F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi A. Mitchell

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U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.

GW-3

DATE 86/10/21

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1223

CASE NO. HUK-II
QC REPORT NO. HUK-II

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	10 U R F	15.	MERCURY	1
4.	BARIUM	60 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U F
7.	CALCIUM		19.	SILVER	10 U P
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	18 * R F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi A. Mitchell

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U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.

GW-5

DATE 86/10/21

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1225

CASE NO. HUK-II
QC REPORT NO. HUK-II

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	18 R F	15.	MERCURY	.9
4.	BARIUM	280 P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U F
7.	CALCIUM		19.	SILVER	10 U P
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	~~[0]~~ ~~F~~	22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	5 U * R F	24.	ZINC	~~[0]~~
	CYANIDE			PERCENT SOLIDS (%)	

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

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703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
GW-6

DATE 86/10/21

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1226

CASE NO. HUK-II
QC REPORT NO. HUK-II

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

(UG/L) OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	10 U R F	15.	MERCURY	.8
4.	BARIUM	[90] P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U F
7.	CALCIUM		19.	SILVER	10 U P
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	~~[0]~~ P	22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	5 U * R F	24.	ZINC	~~[0]~~
	CYANIDE			PERCENT SOLIDS (%)	

FOOTNOTES: FOR REPORTING RESULTS TO EPA, STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON COVER PAGE. ADDITIONAL FLAGS OR FOOTNOTES EXPLAINING RESULTS ARE ENCOURAGED. DEFINITION OF SUCH FLAGS MUS BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

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LAB MANAGER Kathi a mitchey

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703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.

GW-10

DATE 86/10/21

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8611-0031

CASE NO. HUK-II
QC REPORT NO. HUK-II

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	2420 P
3.	ARSENIC	10 U R F	15.	MERCURY	.7
4.	BARIUM	60 U P	16.	NICKEL	31 U P
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U F
7.	CALCIUM		19.	SILVER	10 U P
8.	CHROMIUM	12 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	74 P	22.	TIN	
11.	IRON	23800 P	23.	VANADIUM	
12.	LEAD	5 U * R F	24.	ZINC	367 P
	CYANIDE			PERCENT SOLIDS (%)	

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LAB MANAGER Kathi a. mitchey

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P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.

GW-7

DATE 86/10/21

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8611-0025

CASE NO. HUK-II
QC REPORT NO. HUK-II

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

(UG/L) OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	68 P
3.	ARSENIC	10 U R F	15.	MERCURY	.5
4.	BARIUM	[90] P	16.	NICKEL	31 U P
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U F
7.	CALCIUM	45200 P	19.	SILVER	10 U P
8.	CHROMIUM	22 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	[23] P	22.	TIN	
11.	IRON	580 P	23.	VANADIUM	
12.	LEAD	5 U * R F	24.	ZINC	54 P
	CYANIDE			PERCENT SOLIDS (%)	

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LAB MANAGER Kathy A. Mitchell

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P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.
GW-7DUP

DATE 86/10/21

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8611-0026

CASE NO. HUK-II
QC REPORT NO. HUK-II

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	62 P
3.	ARSENIC	10 U R F	15.	MERCURY	
4.	BARIUM	[90] P	16.	NICKEL	31 U P
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U F
7.	CALCIUM	44500 P	19.	SILVER	10 U P
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	31 P	22.	TIN	
11.	IRON	670 P	23.	VANADIUM	
12.	LEAD	10 * R F	24.	ZINC	52 P
	CYANIDE			PERCENT SOLIDS (%)	

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LAB MANAGER Kathi a. Mitchell

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U.S. EPA CONTRACT LABORATORY PROGRAM
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P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.

GW-7BLK

DATE 86/10/21

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8611-0028

CASE NO. HUK-II
QC REPORT NO. HUK-II

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	11 U P
3.	ARSENIC	10 U R F	15.	MERCURY	.2 U
4.	BARIUM	60 U P	16.	NICKEL	31 U P
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U F
7.	CALCIUM	4500 U P	19.	SILVER	10 U P
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	[23] P	22.	TIN	
11.	IRON	80 U P	23.	VANADIUM	
12.	LEAD	5 U * R F	24.	ZINC	41 P
	CYANIDE			PERCENT SOLIDS (%)	

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LAB MANAGER Kathi O. Mitchell

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U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS:8-557-2490

EPA SAMPLE NO.

GW-8

DATE 86/10/21

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8611-0027

CASE NO. HUK-II
QC REPORT NO. HUK-II

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	3580 P
3.	ARSENIC	10 U R F	15.	MERCURY	.3
4.	BARIUM	[140] P	16.	NICKEL	179 P
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U F
7.	CALCIUM		19.	SILVER	10 U P
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	28 P	22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	5 U * R F	24.	ZINC	2340 P
	CYANIDE			PERCENT SOLIDS (%)	

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COMMENTS:

LAB MANAGER Kathi a. mitchell

WILSON LABORATORIES

525 NORTH EIGHTH STREET - P.O. BOX 1884 - SALINA, KANSAS 67402-1884 - (913)825-7186

LABORATORY REPORT SW-1

CLIENT: HUKILL CHEMICAL CORP.
ATTN:
7013 KRICK ROAD
BEDFORD, OH 44146

DATE RPTD: 12/10/86
DATE RCVD: 10/01/86
PURCHASE AUTH:
FILE NO.: 86-9681
ORDER NO.: 4617

LAB NUMBER: 86101221
SAMPLE DESCRIPTION: GW-1 WATER

DATE SAMPLED: 09/20/86
TIME SAMPLED: 1330

ANALYSIS	CONCENTRATION	UNITS	BOOK-PAGE
ARSENIC, TOTAL	DONE	.	HUKILL
BARIUM, TOTAL	DONE	.	HUKILL
CADMIUM, TOTAL	DONE	.	HUKILL
CHROMIUM, TOTAL	DONE	.	HUKILL
COPPER, TOTAL	DONE	.	HUKILL
IRON, TOTAL	DONE	.	HUKILL
LEAD, TOTAL	DONE	.	HUKILL
MERCURY, TOTAL	DONE	.	HUKILL
NICKEL, TOTAL	DONE	.	HUKILL
SELENIUM, TOTAL	DONE	.	HUKILL
SILVER, TOTAL	DONE	.	HUKILL
CHLORIDE	16.	MG/L	639-221
FLUORIDE	0.7	MG/L	614-30
PHOSPHORUS, TOTAL	ND(0.2)	MG/L AS P	636-177
SULFATE	480.	MG/L	635-189

—CONCLUSION—LAB NUMBER: 86101221 GW-1 WATER

ND(), WHERE NOTED, INDICATES NONE DETECTED WITH THE DETECTION LIMIT IN PARENTHESES.

ANALYSES WERE PERFORMED ON SAMPLES AS RECEIVED IN ACCORDANCE WITH PROCEDURES PUBLISHED IN THE FEDERAL REGISTER, VOL. 49, NO. 209, OCT. 26, 1984 OR IN EPA PUBLICATION, SW 846, 2ND EDITION, JULY 1982 AND IN THE PROPOSED ADDITION TO SW 846, 1984.

SAMPLES WILL BE RETAINED FOR 30 DAYS UNLESS OTHERWISE NOTIFIED.

WILSON LABORATORIES

Lynn R. Newcomer

LYNN R. NEWCOMER
CHIEF CHEMIST

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WILSON LABORATORIES

525 NORTH EIGHTH STREET - P.O. BOX 1884 - SALINA, KANSAS 67402-1884 - (913)825-7186

LABORATORY REPORT

CLIENT: HUKILL CHEMICAL CORP.
ATTN:
7013 KRICK ROAD
BEDFORD, OH 44146

DATE RPTD: 10/27/86
DATE RCVD: 10/04/86
PURCHASE AUTH:
FILE NO.: 86-9681
ORDER NO.: 4638

LAB NUMBER: 86110029
SAMPLE DESCRIPTION: GW-9 ACIDIFIED WATER

DATE SAMPLED: 10/02/86
TIME SAMPLED: 1100

ANALYSIS	CONCENTRATION	UNITS	BOOK-PAGE
CHLORIDE	84.	MG/L	639-221
FLUORIDE	0.3	MG/L	614-31
PHOSPHORUS, TOTAL	0.2	MG/L AS P	636-177
SULFATE	93.	MG/L	635-191

—CONCLUSION—LAB NUMBER: 86110029 GW-9 ACIDIFIED WATER

ND(), WHERE NOTED, INDICATES NONE DETECTED WITH THE DETECTION LIMIT IN PARENTHESES.

ANALYSES WERE PERFORMED ON SAMPLES AS RECEIVED IN ACCORDANCE WITH PROCEDURES PUBLISHED IN THE FEDERAL REGISTER, VOL. 49, NO. 209, OCT. 26, 1984 OR IN EPA PUBLICATION, SW 846, 2ND EDITION, JULY 1982 AND IN THE PROPOSED ADDITION TO SW 846, 1984.

SAMPLES WILL BE RETAINED FOR 30 DAYS UNLESS OTHERWISE NOTIFIED.

WILSON LABORATORIES

Lynn R Newcomer

LYNN R. NEWCOMER
CHIEF CHEMIST

WILSON LABORATORIES

525 NORTH EIGHTH STREET - P.O. BOX 1884 - SALINA, KANSAS 67402-1884 - (913)825-7186

LABORATORY REPORT SW-3

CLIENT: HUKILL CHEMICAL CORP.
ATTN:
7013 KRICK ROAD
BEDFORD, OH 44146

DATE RPTD: 12/10/86
DATE RCVD: 10/01/86
PURCHASE AUTH:
FILE NO.: 86-9681
ORDER NO.: 4617

LAB NUMBER: 86101222
SAMPLE DESCRIPTION: GW-2

DATE SAMPLED: 09/20/86
TIME SAMPLED: 1230

ANALYSIS	CONCENTRATION	UNITS	BOOK-PAGE
ARSENIC, TOTAL	DONE	.	HUKILL
BARIUM, TOTAL	DONE	.	HUKILL
CADMIUM, TOTAL	DONE	.	HUKILL
CHROMIUM, TOTAL	DONE	.	HUKILL
COPPER, TOTAL	DONE	.	HUKILL
IRON, TOTAL	DONE	.	HUKILL
LEAD, TOTAL	DONE	.	HUKILL
MERCURY, TOTAL	DONE	.	HUKILL
NICKEL, TOTAL	DONE	.	HUKILL
SELENIUM, TOTAL	DONE	.	HUKILL
SILVER, TOTAL	DONE	.	HUKILL
CHLORIDE	330.	MG/L	639-222
FLUORIDE	0.2	MG/L	614-30
PHOSPHORUS, TOTAL	ND(0.2)	MG/L AS P	636-177
SULFATE	2200.	MG/L	635-188

—CONCLUSION—LAB NUMBER: 86101222 GW-2

ND(), WHERE NOTED, INDICATES NONE DETECTED WITH THE DETECTION LIMIT IN PARENTHESES.

ANALYSES WERE PERFORMED ON SAMPLES AS RECEIVED IN ACCORDANCE WITH PROCEDURES PUBLISHED IN THE FEDERAL REGISTER, VOL. 49, NO. 209, OCT. 26, 1984 OR IN EPA PUBLICATION, SW 846, 2ND EDITION, JULY 1982 AND IN THE PROPOSED ADDITION TO SW 846, 1984.

SAMPLES WILL BE RETAINED FOR 30 DAYS UNLESS OTHERWISE NOTIFIED.

WILSON LABORATORIES

Lynn R Newcomer

LYNN R. NEWCOMER
CHIEF CHEMIST

WILSON LABORATORIES

525 NORTH EIGHTH STREET - P.O. BOX 1884 - SALINA, KANSAS 67402-1884 - (913)825-7186

LABORATORY REPORT

CLIENT: HUKILL CHEMICAL CORP.
ATTN:
7013 KRICK ROAD
BEDFORD, OH 44146

DATE RPTD: 10/27/86
DATE RCVD: 10/04/86
PURCHASE AUTH:
FILE NO.: 86-9681
ORDER NO.: 4638

LAB NUMBER: 86110031
SAMPLE DESCRIPTION: GW-10 ACIDIFIED WATER

DATE SAMPLED: 10/02/86
TIME SAMPLED: 1400

ANALYSIS	CONCENTRATION	UNITS	BOOK-PAGE
CHLORIDE	530.	MG/L	639-222
FLUORIDE	0.2	MG/L	614-31
PHOSPHORUS, TOTAL	ND(0.2)	MG/L AS P	636-177
SULFATE	135.	MG/L	635-191

—CONCLUSION—LAB NUMBER: 86110031 GW-10 ACIDIFIED WATER

ND(), WHERE NOTED, INDICATES NONE DETECTED WITH THE DETECTION LIMIT IN PARENTHESES.

ANALYSES WERE PERFORMED ON SAMPLES AS RECEIVED IN ACCORDANCE WITH PROCEDURES PUBLISHED IN THE FEDERAL REGISTER, VOL. 49, NO. 209, OCT. 26, 1984 OR IN EPA PUBLICATION, SW 846, 2ND EDITION, JULY 1982 AND IN THE PROPOSED ADDITION TO SW 846, 1984.

SAMPLES WILL BE RETAINED FOR 30 DAYS UNLESS OTHERWISE NOTIFIED.

WILSON LABORATORIES

Lynn R Newcomer

LYNN R. NEWCOMER
CHIEF CHEMIST

WILSON LABORATORIES

525 NORTH EIGHTH STREET - P.O. BOX 1884 - SALINA, KANSAS 67402-1884 - (913)825-7186

LABORATORY REPORT

CLIENT: HUKILL CHEMICAL CORP.
ATTN:
7013 KRICK ROAD
BEDFORD, OH 44146

DATE RPTD: 10/27/86
DATE RCVD: 10/04/86
PURCHASE AUTH:
FILE NO.: 86-9681
ORDER NO.: 4638

LAB NUMBER: 86110025
SAMPLE DESCRIPTION: GW-7 WATER

DATE SAMPLED: 10/02/86
TIME SAMPLED: 0900

ANALYSIS	CONCENTRATION	UNITS	BOOK-PAGE
CHLORIDE	170.	MG/L	639-222
FLUORIDE	0.8	MG/L	614-31
PHOSPHORUS, TOTAL	ND(0.2)	MG/L AS P	636-177
SULFATE	77.	MG/L	635-191

—CONCLUSION—LAB NUMBER: 86110025 GW-7 WATER

ND(), WHERE NOTED, INDICATES NONE DETECTED WITH THE DETECTION LIMIT IN PARENTHESES.

ANALYSES WERE PERFORMED ON SAMPLES AS RECEIVED IN ACCORDANCE WITH PROCEDURES PUBLISHED IN THE FEDERAL REGISTER, VOL. 49, NO. 209, OCT. 26, 1984 OR IN EPA PUBLICATION, SW 846, 2ND EDITION, JULY 1982 AND IN THE PROPOSED ADDITION TO SW 846, 1984.

SAMPLES WILL BE RETAINED FOR 30 DAYS UNLESS OTHERWISE NOTIFIED.

WILSON LABORATORIES

Lynn R Newcomer

LYNN R. NEWCOMER
CHIEF CHEMIST

WILSON LABORATORIES

525 NORTH EIGHTH STREET - P.O. BOX 1884 - SALINA, KANSAS 67402-1884 - (913)825-7186

LABORATORY REPORT

CLIENT: HUKILL CHEMICAL CORP.
ATTN:
7013 KRICK ROAD
BEDFORD, OH 44146

DATE RPTD: 10/27/86
DATE RCVD: 10/04/86
PURCHASE AUTH:
FILE NO.: 86-9681
ORDER NO.: 4638

LAB NUMBER: 86110026
SAMPLE DESCRIPTION: GW-7 DUPLICATE WATER

DATE SAMPLED: 10/02/86
TIME SAMPLED: 0900

ANALYSIS	CONCENTRATION	UNITS	BOOK-PAGE
CHLORIDE	170.	MG/L	639-222
FLUORIDE	0.7	MG/L	614-31
PHOSPHORUS, TOTAL	ND(0.2)	MG/L AS P	636-177
SULFATE	75.	MG/L	635-191

—CONCLUSION—LAB NUMBER: 86110026 GW-7 DUPLICATE WATER

ND(), WHERE NOTED, INDICATES NONE DETECTED WITH THE DETECTION LIMIT IN PARENTHESES.

ANALYSES WERE PERFORMED ON SAMPLES AS RECEIVED IN ACCORDANCE WITH PROCEDURES PUBLISHED IN THE FEDERAL REGISTER, VOL. 49, NO. 209, OCT. 26, 1984 OR IN EPA PUBLICATION, SW 846, 2ND EDITION, JULY 1982 AND IN THE PROPOSED ADDITION TO SW 846, 1984.

SAMPLES WILL BE RETAINED FOR 30 DAYS UNLESS OTHERWISE NOTIFIED.

WILSON LABORATORIES

Lynn R Newcomer

LYNN R. NEWCOMER
CHIEF CHEMIST

WILSON LABORATORIES

525 NORTH EIGHTH STREET - P.O. BOX 1884 - SALINA, KANSAS 67402-1884 - (913)825-7186

LABORATORY REPORT

CLIENT: HUKILL CHEMICAL CORP.
ATTN:
7013 KRICK ROAD
BEDFORD, OH 44146

DATE RPTD: 10/27/86
DATE RCVD: 10/04/86
PURCHASE AUTH:
FILE NO.: 86-9681
ORDER NO.: 4638

LAB NUMBER: 86110028
SAMPLE DESCRIPTION: GW-7 BLANK WATER

DATE SAMPLED: 10/02/86
TIME SAMPLED: 1007

ANALYSIS	CONCENTRATION	UNITS	BOOK-PAGE
CHLORIDE	ND(2)	MG/L	639-221
FLUORIDE	ND(0.1)	MG/L	614-31
PHOSPHORUS, TOTAL	ND(0.2)	MG/L AS P	636-177
SULFATE	ND(10)	MG/L	635-191

—CONCLUSION—LAB NUMBER: 86110028 GW-7 BLANK WATER

ND(), WHERE NOTED, INDICATES NONE DETECTED WITH THE DETECTION LIMIT IN PARENTHESES.

ANALYSES WERE PERFORMED ON SAMPLES AS RECEIVED IN ACCORDANCE WITH PROCEDURES PUBLISHED IN THE FEDERAL REGISTER, VOL. 49, NO. 209, OCT. 26, 1984 OR IN EPA PUBLICATION, SW 846, 2ND EDITION, JULY 1982 AND IN THE PROPOSED ADDITION TO SW 846, 1984.

SAMPLES WILL BE RETAINED FOR 30 DAYS UNLESS OTHERWISE NOTIFIED.

WILSON LABORATORIES

Lynn R Newcomer

LYNN R. NEWCOMER
CHIEF CHEMIST

WILSON LABORATORIES

525 NORTH EIGHTH STREET - P.O. BOX 1884 - SALINA, KANSAS 67402-1884 - (913)825-7186

LABORATORY REPORT

CLIENT: HUKILL CHEMICAL CORP.
ATTN:
7013 KRICK ROAD
BEDFORD, OH 44146

DATE RPTD: 10/27/86
DATE RCVD: 10/04/86
PURCHASE AUTH:
FILE NO.: 86-9681
ORDER NO.: 4638

LAB NUMBER: 86110027
SAMPLE DESCRIPTION: GW-8 WATER

DATE SAMPLED: 10/02/86
TIME SAMPLED: 0900

ANALYSIS	CONCENTRATION	UNITS	BOOK-PAGE
CHLORIDE	490.	MG/L	639-222
FLUORIDE	0.7	MG/L	614-31
PHOSPHORUS, TOTAL	ND(0.2)	MG/L AS P	636-177
SULFATE	142.	MG/L	635-191

—CONCLUSION—LAB NUMBER: 86110027 GW-8 WATER

ND(), WHERE NOTED, INDICATES NONE DETECTED WITH THE DETECTION LIMIT IN PARENTHESES.

ANALYSES WERE PERFORMED ON SAMPLES AS RECEIVED IN ACCORDANCE WITH PROCEDURES PUBLISHED IN THE FEDERAL REGISTER, VOL. 49, NO. 209, OCT. 26, 1984 OR IN EPA PUBLICATION, SW 846, 2ND EDITION, JULY 1982 AND IN THE PROPOSED ADDITION TO SW 846, 1984.

SAMPLES WILL BE RETAINED FOR 30 DAYS UNLESS OTHERWISE NOTIFIED.

WILSON LABORATORIES

Lynn R Newcomer

LYNN R. NEWCOMER
CHIEF CHEMIST

Sample Number

W-1 WELL A

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 17021504
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 02/23/87

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 02/25/87
Date Analyzed: 02/25/87
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	10 u	78-87-5	1,2-Dichloropropane	5 u
74-83-9	Bromomethane	10 u	10061-02-6	Trans-1,3-Dichloropropene	5 u
75-01-4	Vinyl Chloride	10 u	79-01-6	Trichloroethene	5 u
75-00-3	Chloroethane	10 u	124-48-1	Dibromochloromethane	5 u
75-09-2	Methylene Chloride	5 u	79-00-5	1,1,2-Trichloroethane	5 u
67-64-1	Acetone	26 B	71-43-2	Benzene	5 u
75-15-0	Carbon Disulfide	5 u	10061-01-5	cis-1,3-Dichloropropene	5 u
75-35-4	1,1-Dichloroethene	5 u	110-75-8	2-Chloroethylvinylether	10 u
75-34-3	1,1-Dichloroethane	7	75-25-2	Bromoform	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u	108-10-1	4-Methyl-2-Pentanone	10 u
67-66-3	Chloroform	5 u	591-78-6	2-Hexanone	10 u
107-06-2	1,2-Dichloroethane	5 u	127-18-4	Tetrachloroethene	5 u
78-93-3	2-Butanone	10 u	79-34-5	1,1,2,2-Tetrachloroethane	5 u
71-55-6	1,1,1-Trichloroethane	5 u	108-88-3	Toluene	5 u
56-23-5	Carbon Tetrachloride	5 u	108-90-7	Chlorobenzene	5 u
108-05-4	Vinyl Acetate	10 u	100-41-4	Ethylbenzene	5 u
75-27-4	Bromodichloromethane	5 u	100-42-5	Styrene	5 u
				Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value — If the result is a value greater than or equal to the detection limit, report the value.

U — Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J — Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C — This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B — This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take the appropriate action.

Other — Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

S — Spiked Compound

NR — No value required.

Sample Number

W-1A DUP WELL A

Organics Analysis Data Sheet

(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 17021505
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 02/23/87

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 02/25/87
Date Analyzed: 02/25/87
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	10 u	78-87-5	1,2-Dichloropropane	5 u
74-83-9	Bromomethane	10 u	10061-02-6	Trans-1,3-Dichloropropene	5 u
75-01-4	Vinyl Chloride	10 u	79-01-6	Trichloroethene	5 u
75-00-3	Chloroethane	10 u	124-48-1	Dibromochloromethane	5 u
75-09-2	Methylene Chloride	5 u	79-00-5	1,1,2-Trichloroethane	5 u
67-64-1	Acetone	29 B	71-43-2	Benzene	5 u
75-15-0	Carbon Disulfide	5 u	10061-01-5	cis-1,3-Dichloropropene	5 u
75-35-4	1,1-Dichloroethene	5 u	110-75-8	2-Chloroethylvinylether	10 u
75-34-3	1,1-Dichloroethane	6	75-25-2	Bromoform	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u	108-10-1	4-Methyl-2-Pentanone	10 u
67-66-3	Chloroform	5 u	591-78-6	2-Hexanone	10 u
107-06-2	1,2-Dichloroethane	5 u	127-18-4	Tetrachloroethene	5 u
78-93-3	2-Butanone	10 u	79-34-5	1,1,2,2-Tetrachloroethane	5 u
71-55-6	1,1,1-Trichloroethane	5 u	108-88-3	Toluene	5 u
56-23-5	Carbon Tetrachloride	5 u	108-90-7	Chlorobenzene	5 u
108-05-4	Vinyl Acetate	10 u	100-41-4	Ethylbenzene	5 u
75-27-4	Bromodichloromethane	5 u	100-42-5	Styrene	5 u
				Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Val If the result is a value greater than or equal to the detection limit, report the value.

Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

S Spiked Compound

NR No value required.

Sample Number

V-2 SV-3

Organics Analysis Data Sheet

(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 17021506
Sample Matrix: Water
Date Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 02/23/87

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 02/25/87
Date Analyzed: 02/25/87
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	10 u	78-87-5	1,2-Dichloropropane	5 u
74-83-9	Bromomethane	10 u	10061-02-6	Trans-1,3-Dichloropropene	5 u
75-01-4	Vinyl Chloride	10 u	79-01-6	Trichloroethene	5 u
75-00-3	Chloroethane	10 u	124-48-1	Dibromochloromethane	5 u
75-09-2	Methylene Chloride	5 B	79-00-5	1,1,2-Trichloroethane	5 u
67-64-1	Acetone	4 J,B	71-43-2	Benzene	5 u
75-15-0	Carbon Disulfide	5 u	10061-01-5	cis-1,3-Dichloropropene	5 u
75-35-4	1,1-Dichloroethene	5 u	110-75-8	2-Chloroethylvinylether	10 u
75-34-3	1,1-Dichloroethane	5 u	75-25-2	Bromoform	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u	108-10-1	4-Methyl-2-Pentanone	10 u
67-66-3	Chloroform	5 u	591-78-6	2-Hexanone	10 u
107-06-2	1,2-Dichloroethane	5 u	127-18-4	Tetrachloroethene	5 u
78-93-3	2-Butanone	10 u	79-34-5	1,1,2,2-Tetrachloroethane	5 u
71-55-6	1,1,1-Trichloroethane	5 u	108-88-3	Toluene	5 u
56-23-5	Carbon Tetrachloride	5 u	108-90-7	Chlorobenzene	5 u
108-05-4	Vinyl Acetate	10 u	100-41-4	Ethylbenzene	5 u
75-27-4	Bromodichloromethane	5 u	100-42-5	Styrene	5 u
				Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

alue If the result is a value greater than or equal to the detection limit, report the value.

U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C This flag applies to pesticide parameters where the identification has been confirmed by GC/MS Single component pesticides)>10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in blank as well as a sample. It indicates possib probable blank contamination and warns the data user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If us they must be fully described and such descript attached to the data summary report.

S Spiked Compound

NR No value required.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
W-2 SW-3

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/l
1 .		ETHYL ETHER	VOA	233	22 J
2 .		1,4-DIOXANE	VOA	280	9 J
3 .					
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
15 .					
16 .					
17 .					
18 .					
19 .					
20 .					
21 .					
22 .					
23 .					
24 .					
25 .					
26 .					
27 .					
28 .					
29 .					
30 .					

Sample Number

V-3 SV-4

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 17021507
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 02/23/87

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 02/26/87
Date Analyzed: 02/26/87
Conc/Dil Factor: 5.0 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	50 u	78-87-5	1,2-Dichloropropane	25 u
74-83-9	Bromomethane	50 u	10061-02-6	Trans-1,3-Dichloropropene	25 u
75-01-4	Vinyl Chloride	12 J	79-01-6	Trichloroethene	25 u
75-00-3	Chloroethane	50 u	124-48-1	Dibromochloromethane	25 u
75-09-2	Methylene Chloride	230 B	79-00-5	1,1,2-Trichloroethane	25 u
67-64-1	Acetone	190 B	71-43-2	Benzene	25 u
75-15-0	Carbon Disulfide	25 u	10061-01-5	cis-1,3-Dichloropropene	25 u
75-35-4	1,1-Dichloroethene	25 u	110-75-8	2-Chloroethylvinylether	50 u
75-34-3	1,1-Dichloroethane	13 J	75-25-2	Bromoform	25 u
156-60-5	Trans-1,2-Dichloroethene	14 J	108-10-1	4-Methyl-2-Pentanone	50 u
67-66-3	Chloroform	25 u	591-78-6	2-Hexanone	50 u
107-06-2	1,2-Dichloroethane	25 u	127-18-4	Tetrachloroethene	25 u
78-93-3	2-Butanone	50 u	79-34-5	1,1,2,2-Tetrachloroethane	25 u
71-55-6	1,1,1-Trichloroethane	25 u	108-88-3	Toluene	25 u
56-23-5	Carbon Tetrachloride	25 u	108-90-7	Chlorobenzene	25 u
108-05-4	Vinyl Acetate	50 u	100-41-4	Ethylbenzene	25 u
75-27-4	Bromodichloromethane	25 u	100-42-5	Styrene	25 u
				Total Xylenes	25 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

alue If the result is a value greater than or equal to the detection limit, report the value.

U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in blank as well as a sample. It indicates possibl probable blank contamination and warns the data user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If use they must be fully described and such descripti attached to the data summary report.

S Spiked Compound

NR No value required.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
W-3 SW-4

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/l
1 .	18641-81-1	ETHER, ISOPROPYL	VOA	374	97 J
2 .					
3 .					
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
15 .					
16 .					
17 .					
18 .					
19 .					
20 .					
21 .					
22 .					
23 .					
24 .					
25 .					
26 .					
27 .					
28 .					
29 .					
30 .					

Sample Number

V-4 WELL G

Organics Analysis Data Sheet

(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 17021508
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 02/23/87

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 02/26/87
Date Analysed: 02/26/87
Conc/Dil Factor: 20000 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	200000 U	78-87-5	1,2-Dichloropropane	100000 U
74-83-9	Bromomethane	200000 U	10061-02-6	Trans-1,3-Dichloropropene	100000 U
75-01-4	Vinyl Chloride	200000 U	79-01-6	Trichloroethene	100000 U
75-00-3	Chloroethane	200000 U	124-48-1	Dibromochloromethane	100000 U
75-09-2	Methylene Chloride	730000 B	79-00-5	1,1,2-Trichloroethane	100000 U
67-64-1	Acetone	730000 B	71-43-2	Benzene	100000 U
75-15-0	Carbon Disulfide	100000 U	10061-01-5	cis-1,3-Dichloropropene	100000 U
75-35-4	1,1-Dichloroethene	100000 U	110-75-8	2-Chloroethylvinylether	200000 U
75-34-3	1,1-Dichloroethane	100000 U	75-25-2	Bromoform	100000 U
156-60-5	Trans-1,2-Dichloroethene	100000 U	108-10-1	4-Methyl-2-Pentanone	200000 U
67-66-3	Chloroform	100000 U	591-78-6	2-Hexanone	200000 U
107-06-2	1,2-Dichloroethane	100000 U	127-18-4	Tetrachloroethene	100000 U
78-93-3	2-Butanone	200000 U	79-34-5	1,1,2,2-Tetrachloroethane	100000 U
71-55-6	1,1,1-Trichloroethane	100000 U	108-88-3	Toluene	100000 U
56-23-5	Carbon Tetrachloride	100000 U	108-90-7	Chlorobenzene	100000 U
108-05-4	Vinyl Acetate	200000 U	100-41-4	Ethylbenzene	100000 U
75-27-4	Bromodichloromethane	100000 U	100-42-5	Styrene	100000 U
				Total Xylenes	100000 U

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit, report the value.

U Indicates compound was analysed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analysed for but not detected. The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in t blank as well as a sample. It indicates possible probable blank contamination and warns the data user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used they must be fully described and such descriptio attached to the data summary report.

S Spiked Compound

NR No value required.

Sample Number

STR-1

UPSTREAM

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16100386
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/04/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/08/86
Date Analyzed: 10/08/86
Conc/Dil Factor: 1 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	10 u	78-87-5	1,2-Dichloropropane	5 u
74-83-9	Bromomethane	10 u	10061-02-6	Trans-1,3-Dichloropropene	5 u
75-01-4	Vinyl Chloride	10 u	79-01-6	Trichloroethene	5 u
75-00-3	Chloroethane	10 u	124-48-1	Dibromochloromethane	5 u
75-09-2	Methylene Chloride	5 u	79-00-5	1,1,2-Trichloroethane	5 u
67-64-1	Acetone	21 B	71-43-2	Benzene	5 u
75-15-0	Carbon Disulfide	5 u	10061-01-5	cis-1,3-Dichloropropene	5 u
75-35-4	1,1-Dichloroethene	5 u	110-75-8	2-Chloroethylvinylether	10 u
75-34-3	1,1-Dichloroethane	5 u	75-25-2	Bromoform	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u	108-10-1	4-Methyl-2-Pentanone	10 u
67-66-3	Chloroform	5 u	591-78-6	2-Hexanone	10 u
107-06-2	1,2-Dichloroethane	5 u	127-18-4	Tetrachloroethene	5 u
78-93-3	2-Butanone	10 u	79-34-5	1,1,2,2-Tetrachloroethane	5 u
71-55-6	1,1,1-Trichloroethane	5 u	108-88-3	Toluene	5 u
56-23-5	Carbon Tetrachloride	5 u	108-90-7	Chlorobenzene	5 u
108-05-4	Vinyl Acetate	10 u	100-41-4	Ethylbenzene	5 u
75-27-4	Bromodichloromethane	5 u	100-42-5	Styrene	5 u
				Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Iue If the result is a value greater than or equal to the detection limit, report the value.

U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

S Spiked Compound

NR No value required.

NUS CORPORATION

Laboratory Services Division
5350 Campbells Run Road
Pittsburgh, PA 15205

REMIT TO:
Park West Two
Cliff Mine Road
Pittsburgh, PA 15275

412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EBER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVE
LOCUST VALLEY, NY 11560

REPORT DATE: 11/10/86

ATTENTION: MR. NICK ANDRIANAS

NUS CLIENT NO: 893902
NUS SAMPLE NO: 16100386
VENDOR NO: 05626100
WORK ORDER NO: 55830
DATE RECEIVED: 10/04/86

SAMPLE IDENTIFICATION: STR-1 UPSTREAM 10/02

TEST	DETERMINATION	RESULTS	UNITS
0F02	HSL - Volatile Organic Acids		
W116	Organic Carbon(non-purgeable)	18.8	mg/l
W315	Halogens, Total Organic (TOX)	49	ug/l

COMMENTS:

Reviewed and Approved by: JMC

CC: INVOICE

Sample Number

STR-1 DUP

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16100387
Sample Matrix: Water
Data Release Authorized By:

David A. Dauer

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/04/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/08/86
Date Analysed: 10/08/86
Conc/Dil Factor: 1 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	10 u	78-87-5	1,2-Dichloropropane	5 u
74-83-9	Bromomethane	10 u	10061-02-6	Trans-1,3-Dichloropropene	5 u
75-01-4	Vinyl Chloride	10 u	79-01-6	Trichloroethene	5 u
75-00-3	Chloroethane	10 u	124-48-1	Dibromochloromethane	5 u
75-09-2	Methylene Chloride	5 u	79-00-5	1,1,2-Trichloroethane	5 u
67-64-1	Acetone	10 u	71-43-2	Benzene	5 u
75-15-0	Carbon Disulfide	5 u	10061-01-5	cis-1,3-Dichloropropene	5 u
75-35-4	1,1-Dichloroethene	5 u	110-75-8	2-Chloroethylvinylether	10 u
75-34-3	1,1-Dichloroethane	5 u	75-25-2	Bromoform	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u	108-10-1	4-Methyl-2-Pentanone	10 u
67-66-3	Chloroform	5 u	591-78-6	2-Hexanone	10 u
107-06-2	1,2-Dichloroethane	5 u	127-18-4	Tetrachloroethene	5 u
78-93-3	2-Butanone	10 u	79-34-5	1,1,2,2-Tetrachloroethane	5 u
71-55-6	1,1,1-Trichloroethane	5 u	108-88-3	Toluene	5 u
56-23-5	Carbon Tetrachloride	5 u	108-90-7	Chlorobenzene	5 u
108-05-4	Vinyl Acetate	10 u	100-41-4	Ethylbenzene	5 u
75-27-4	Bromodichloromethane	5 u	100-42-5	Styrene	5 u
				Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

al... If the result is a value greater than or equal to the detection limit, report the value.

Indicates compound was analysed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analysed for but not detected. The number is the minimum attainable detection limit for the sample.

Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification ...teria but the result is less than the specified detection limit but ...ter than zero.(e.g.10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J.

C This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

S Spiked Compound

NR No value required.

NUS CORPORATION

Laboratory Services Division
5350 Campbells Run Road
Pittsburgh, PA 15205

REMIT TO:
Park West Two
Cliff Mine Road
Pittsburgh, PA 15275

412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EBER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVE
LOCUST VALLEY, NY 11560

REPORT DATE: 11/10/86

ATTENTION: MR. NICK ANDRIANAS

NUS CLIENT NO: 893902
NUS SAMPLE NO: 16100387
VENDOR NO: 05626100
WORK ORDER NO: 55830
DATE RECEIVED: 10/04/86

SAMPLE IDENTIFICATION: STR-1 UPSTREAM-DUPLICATE 10/02

TEST	DETERMINATION	RESULTS	UNITS
OF02	MSL - Volatile Organic Acids		
W116	Organic Carbon(non-purgeable)	26.2	mg/l
W315	Halogens, Total Organic (TOX)	55	ug/l

COMMENTS:

Reviewed and Approved by: JMC

CC: INVOICE

A Halliburton Company

CLIENT ORIGINAL

Sample Number

STR-1 BLANK

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16100388
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/04/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/08/86
Date Analyzed: 10/08/86
Conc/Dil Factor: 1 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	10 u	78-87-5	1,2-Dichloropropane	5 u
74-83-9	Bromomethane	10 u	10061-02-6	Trans-1,3-Dichloropropene	5 u
75-01-4	Vinyl Chloride	10 u	79-01-6	Trichloroethene	5 u
75-00-3	Chloroethane	10 u	124-48-1	Dibromochloromethane	5 u
75-09-2	Methylene Chloride	5 u	79-00-5	1,1,2-Trichloroethane	5 u
67-64-1	Acetone	10 u	71-43-2	Benzene	5 u
75-15-0	Carbon Disulfide	5 u	10061-01-5	cis-1,3-Dichloropropene	5 u
75-35-4	1,1-Dichloroethene	5 u	110-75-8	2-Chloroethylvinylether	10 u
75-34-3	1,1-Dichloroethane	5 u	75-25-2	Bromoform	5 u
156-60-5	Trans-1,2-Dichloroethene	5 u	108-10-1	4-Methyl-2-Pentanone	10 u
67-66-3	Chloroform	5 u	591-78-6	2-Hexanone	10 u
107-06-2	1,2-Dichloroethane	5 u	127-18-4	Tetrachloroethene	5 u
78-93-3	2-Butanone	10 u	79-34-5	1,1,2,2-Tetrachloroethane	5 u
71-55-6	1,1,1-Trichloroethane	5 u	108-88-3	Toluene	5 u
56-23-5	Carbon Tetrachloride	5 u	108-90-7	Chlorobenzene	5 u
108-05-4	Vinyl Acetate	10 u	100-41-4	Ethylbenzene	5 u
75-27-4	Bromodichloromethane	5 u	100-42-5	Styrene	5 u
				Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

'alue If the result is a value greater than or equal to the detection limit, report the value.

U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g 10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J

C This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take the appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

S Spiked Compound

NR No value required.

NUS CORPORATION

Laboratory Services Division
5350 Campbells Run Road
Pittsburgh, PA 15205

REMIT TO:
Park West Two
Cliff Mine Road
Pittsburgh, PA 15275

412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EBER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVE
LOCUST VALLEY, NY 11560

REPORT DATE: 11/10/86

ATTENTION: MR. NICK ANDRIANAS

NUS CLIENT NO: 893902
NUS SAMPLE NO: 16100388
VENDOR NO: 05626100
WORK ORDER NO: 55830
DATE RECEIVED: 10/04/86

SAMPLE IDENTIFICATION: STR-1 UPSTREAM-BLANK 10/02

TEST	DETERMINATION	RESULTS	UNITS
0F02	MSL - Volatile Organic Acids		
M116	Organic Carbon(non-purgeable)	1.5	mg/l
M315	Halogens, Total Organic (TOX)	(10	ug/l

COMMENTS:

Reviewed and Approved by: JMC

CC: INVOICE

A Halliburton Company

CLIENT ORIGINAL

Sample Number

STR-2

DOWNSTREAM

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16100389
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/04/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/08/86
Date Analysed: 10/08/86
Conc/Dil Factor: 1 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	10 u	78-87-5	1,2-Dichloropropane	5 u
74-83-9	Bromomethane	10 u	10061-02-6	Trans-1,3-Dichloropropene	5 u
75-01-4	Vinyl Chloride	10 u	79-01-6	Trichloroethene	5 u
75-00-3	Chloroethane	10 u	124-48-1	Dibromochloromethane	5 u
75-09-2	Methylene Chloride	5 u	79-00-5	1,1,2-Trichloroethane	5 u
67-64-1	Acetone	10 u	71-43-2	Benzene	5 u
75-15-0	Carbon Disulfide	5 u	10061-01-5	cis-1,3-Dichloropropene	5 u
75-35-4	1,1-Dichloroethene	5 u	110-75-8	2-Chloroethylvinylether	10 u
75-34-3	1,1-Dichloroethane	5 u	75-25-2	Bromoform	5 u
156-60-5	Trans-1,2-Dichloroethene	8	108-10-1	4-Methyl-2-Pentanone	10 u
67-66-3	Chloroform	5 u	591-78-6	2-Hexanone	10 u
107-06-2	1,2-Dichloroethane	5 u	127-18-4	Tetrachloroethene	5 u
78-93-3	2-Butanone	10 u	79-34-5	1,1,2,2-Tetrachloroethane	5 u
71-55-6	1,1,1-Trichloroethane	5 u	108-88-3	Toluene	5 u
56-23-5	Carbon Tetrachloride	5 u	108-90-7	Chlorobenzene	5 u
108-05-4	Vinyl Acetate	10 u	100-41-4	Ethylbenzene	5 u
75-27-4	Bromodichloromethane	5 u	100-42-5	Styrene	5 u
				Total Xylenes	4 J

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit, report the value.

U Indicates compound was analysed for but not detected. Report the minimum detection limit for the sample with the U(e.g., 10U)based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analysed for but not detected. The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.(e.g 10J). If limit of detection is 10ug/l and a concentration of 3ug/l is calculated, report as 3J

C This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides)=10ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in t blank as well as a sample. It indicates possible probable blank contamination and warns the data user to take the appropriate action.

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S Spiked Compound

NR No value required.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
STR-2

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/l
1.	108-20-3	PROPANE, 2-2'-OXYBIS-	VOA	382	10 J
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
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26.					
27.					
28.					
29.					
30.					

NUS CORPORATION

Laboratory Services Division
5350 Campbells Run Road
Pittsburgh, PA 15205

REMIT TO:
Park West Two
Cliff Mine Road
Pittsburgh, PA 15275

412-788-1080

LAB ANALYSIS REPORT

CLIENT NAME: EDER ASSOCIATES
ADDRESS: PO BOX-H,85 FOREST AVE
LOCUST VALLEY, NY 11560
ATTENTION: MR. NICK ANDRIANAS

REPORT DATE: 11/10/86

NUS CLIENT NO: 893902
NUS SAMPLE NO: 16100389
VENDOR NO: 05626100
WORK ORDER NO: 55830
DATE RECEIVED: 10/04/86

SAMPLE IDENTIFICATION: STR-2 ~~UPSTREAM~~ DOWNSTREAM 10/02

TEST	DETERMINATION	RESULTS	UNITS
0F02	HSL - Volatile Organic Acids		
W116	Organic Carbon(non-purgeable)	68.1	mg/l
W315	Halogens, Total Organic (TOX)	62	ug/l

COMMENTS:

Reviewed and Approved by: JMC

CC: INVOICE

HUKILL CHEMICAL CORPORATION

BEDFORD, OHIO

SITE INVESTIGATION REPORT

REVISION NUMBER 1

10-88 APPENDIX C

VOLUME III

DRAFT COPY

PROJECT #495-1

OCTOBER 1988

EDER ASSOCIATES

CONSULTING ENGINEERS, P.C.

Locust Valley, New York

Madison, Wisconsin

Ann Arbor, Michigan

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: WILSON LABORATORIES Contract: 68-W8-0027

Lab Code: WILSON Case No.: EDER1 SAS No.: SDG No.: EDER1

SOW No.: 7/87

EPA Sample No.	Lab Sample ID.
116 MWF	88050116
117 MWE	88050117
118 MWEFB	88050118
119 MWSW1	88050119
119D MWSW1D	88050675
119S MWSW1S	88050676
120 MWSW2	88050120
121 MWA	88050121
122 MWB	88050122
123 MWC	88050123
124 MWSW3	88050124
125 MWSW4	88050125
126 MWSW3D	88050126
127 MWG	88050127
128 MWH	88050128
129 OF001	88050129
130 OF001D	88050130
131 SWA H_2O	88050131
132 SWB H_2O	88050132
133 SWC H_2O	88050133

Were ICP interelement corrections applied? Yes/No NO

Were ICP background corrections applied? Yes/No YES
If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Lab Manager: Kathy A Mitchell

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: WILSON LABORATORIES Contract: 68-W8-0027

Lab Code: WILSON Case No.: EDER2 SAS No.: SDG No.: EDER2

SOW No.: 7/87

EPA Sample No.	Lab Sample ID.
677 SWA soil	88050677
678 SWB soil	88050678
XXX679 SWC soil	88050679
XXX679D SWC dup	88050680
XXX679S SWC spike	88050681

Were ICP interelement corrections applied? Yes/No NO

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Lab Manager: Kaur P. Patel

Date: 5 15

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

116

Lab Name: WILSON LABORATORIES Contract: 68-W8-0027

Lab Code: WILSON Case No.: EDER1 SAS No.: SDG No.: EDER1

Matrix (soil/water): WATER Lab Sample ID: 88050116

Level (low/med): LOW Date Received: 04/19/88

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	9.6	U		F
7440-39-3	Barium	60.0	U		P
7440-41-7	Beryllium				
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium				
7440-47-3	Chromium	9.0	U		P
7440-48-4	Cobalt				
7440-50-8	Copper	24.0	U		P
7439-89-6	Iron	80.0	U		P
7439-92-1	Lead	3.7	U		F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc	12.0	U		P
	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
EDER ID = MWF

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

117

Lab Name: WILSON LABORATORIES Contract: 68-W8-0027

Lab Code: WILSON Case No.: EDER1 SAS No.: SDG No.: EDER1

Matrix (soil/water): WATER Lab Sample ID: 88050117

Level (low/med): LOW Date Received: 04/19/88

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	9.6	U		F
7440-39-3	Barium	60.0	U		P
7440-41-7	Beryllium				
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium				
7440-47-3	Chromium	9.0	U		P
7440-48-4	Cobalt				
7440-50-8	Copper	24.0	U		P
7439-89-6	Iron	1820			P
7439-92-1	Lead	3.7	U		F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc	12.8	B		P
	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
EDER ID = MWE

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

118

Lab Name: WILSON LABORATORIES Contract: 68-W8-0027

Lab Code: WILSON Case No.: EDER1 SAS No.: SDG No.: EDER1

Matrix (soil/water): WATER Lab Sample ID: 88050118

Level (low/med): LOW Date Received: 04/19/88

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	9.6	U		F
7440-39-3	Barium	60.0	U		P
7440-41-7	Beryllium				
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium				
7440-47-3	Chromium	9.0	U		P
7440-48-4	Cobalt				
7440-50-8	Copper	24.0	B		P
7439-89-6	Iron	80.0	U		P
7439-92-1	Lead	3.7	U		F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc	12.0	U		P
	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
FIELD ID = MWEFB

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

119

Lab Name: WILSON LABORATORIES Contract: 68-W8-0027

Lab Code: WILSON Case No.: EDER1 SAS No.: SDG No.: EDER1

Matrix (soil/water): WATER Lab Sample ID: 88050119

Level (low/med): LOW Date Received: 04/19/88

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	9.6	U		F
7440-39-3	Barium	60.0	U		P
7440-41-7	Beryllium				
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium				
7440-47-3	Chromium	9.0	U		P
7440-48-4	Cobalt				
7440-50-8	Copper	29.3			P
7439-89-6	Iron	80.0	U		P
7439-92-1	Lead	3.7	U	W	F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.40	U		CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc	57.6			P
	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
EDER ID = MWSW1

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

120

Lab Name: WILSON LABORATORIES Contract: 68-W8-0027

Lab Code: WILSON Case No.: EDER1 SAS No.: SDG No.: EDER1

Matrix (soil/water): WATER Lab Sample ID: 88050120

Level (low/med): LOW Date Received: 04/19/88

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	9.6	U		F
7440-39-3	Barium	60.0	U		P
7440-41-7	Beryllium				
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium				
7440-47-3	Chromium	9.0	U		P
7440-48-4	Cobalt				
7440-50-8	Copper	31.2			P
7439-89-6	Iron	80.0	U		P
7439-92-1	Lead	3.7	U	W	F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc	22.5			P
	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
EDER ID = MWSW2