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.
SS-120DUP

DATE 86/10/27

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1239

CASE NO. HUK-I
QC REPORT NO. HUK-I

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	430 R
3.	ARSENIC	23 * F	15.	MERCURY	.11 U R
4.	BARIUM	[95] * P	16.	NICKEL	[20]
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	3.3 P	18.	SELENIUM	2.8 U
7.	CALCIUM		19.	SILVER	5.6 U
8.	CHROMIUM	22 R P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	90 R P	22.	TIN	
11.	IRON	52100 P	23.	VANADIUM	
12.	LEAD	184 P	24.	ZINC	872 R *
	CYANIDE			PERCENT SOLIDS (%)	89

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 M 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.
SS-120 BLK

DATE 86/10/27

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1240

CASE NO. HUK-I
QC REPORT NO. HUK-

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	5.4 U R
3.	ARSENIC	5 U * F	15.	MERCURY	.1 U R
4.	BARIUM	30 U * P	16.	NICKEL	15 U
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	2.5 U * P	18.	SELENIUM	2.5 U
7.	CALCIUM		19.	SILVER	5 U
8.	CHROMIUM	5 U R P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	8.4 U R P	22.	TIN	
11.	IRON	40 U P	23.	VANADIUM	
12.	LEAD	2.5 U F	24.	ZINC	8.4 U R *
CYANIDE			PERCENT SOLIDS (%)		100

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 BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS: this is a field blank which was treated as a soil

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.
SS-119

DATE 86/10/27

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1241

CASE NO. HUK-I
QC REPORT NO. HUK-

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	537 R
3.	ARSENIC	15 * F	15.	MERCURY	.34 R
4.	BARIUM	[61] * P	16.	NICKEL	[21]
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	2.8 U P	18.	SELENIUM	2.8 U
7.	CALCIUM		19.	SILVER	5.6 U
8.	CHROMIUM	28 U R P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	136 R P	22.	TIN	
11.	IRON	52600 P	23.	VANADIUM	
12.	LEAD	167 P	24.	ZINC	251 R *
	CYANIDE			PERCENT SOLIDS (%)	89

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 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.
SS-120COMP

DATE 86/10/22

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1238

CASE NO. HUK-III
QC REPORT NO. HUK-I

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL SLUDGE OTHER X e.p.t

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	2280
3.	ARSENIC	10 U F	15.	MERCURY	.2 U
4.	BARIUM	[130] P	16.	NICKEL	92
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U
7.	CALCIUM		19.	SILVER	
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	38 P	22.	TIN	
11.	IRON	380 P	23.	VANADIUM	
12.	LEAD	26 F	24.	ZINC	1070
CYANIDE			PERCENT SOLIDS (%)		

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COMMENTS:

LAB MANAGER Kathi A. Mitchell

LAB NUMBER: 86101238 (CONT.)

ANALYSIS	CONCENTRATION	UNITS	BOOK/PAGE
ZINC, EP TOXICITY	DONE	.	HUKILL
ARSENIC, TOTAL	DONE	.	
BARIUM, TOTAL	DONE	.	
CADMIUM, TOTAL	DONE	.	
CHROMIUM, TOTAL	DONE	.	
COPPER, TOTAL	DONE	.	
IRON, TOTAL	DONE	.	
LEAD, TOTAL	DONE	.	
MANGANESE, TOTAL	DONE	.	
MERCURY, TOTAL	DONE	.	
NICKEL, TOTAL	DONE	.	
SELENIUM, TOTAL	DONE	.	
SILVER, TOTAL	DONE	.	
ZINC, TOTAL	DONE	.	
FLUORIDE, EP TOXICITY	1.0	MG/L	614-31
SULFATE, EP TOXICITY	38.	MG/L	635-191
CHLORIDE, EP TOXICITY	2.	MG/L	639-224
NITRATE, EP TOXICITY	ND(0.1)	MG/L	632-197
PHOSPHORUS, EP TOXICITY	ND(0.2)	MG/L	636-182

—CONCLUSION—LAB NUMBER: 86101238 SS-120 COMPOSITE

LAB NUMBER: 86101239
SAMPLE DESCRIPTION: SS-120 DUPLICATE

DATE SAMPLED: 09/26/86
TIME SAMPLED: 1435

ANALYSIS	CONCENTRATION	UNITS	BOOK-PAGE
SOLIDS, TOTAL	DONE	.	665-54
ARSENIC, EP TOXICITY	DONE	.	HUKILL
BARIUM, EP TOXICITY	DONE	.	HUKILL
CADMIUM, EP TOXICITY	DONE	.	HUKILL
CHROMIUM, EP TOXICITY	DONE	.	HUKILL
COPPER, EP TOXICITY	DONE	.	HUKILL
IRON, EP TOXICITY	DONE	.	HUKILL
LEAD, EP TOXICITY	DONE	.	HUKILL
MANGANESE, EP TOXICITY	DONE	.	HUKILL
MERCURY, EP TOXICITY	DONE	.	HUKILL
NICKEL, EP TOXICITY	DONE	.	HUKILL
SELENIUM, EP TOXICITY	DONE	.	HUKILL
SILVER, EP TOXICITY	DONE	.	HUKILL
ZINC, EP TOXICITY	DONE	.	HUKILL

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.
SS-120DUP

DATE 86/10/22

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1239

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

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL SLUDGE OTHER X E.P. tox

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	2940
3.	ARSENIC	10 U F	15.	MERCURY	.2 U
4.	BARIUM	[150] P	16.	NICKEL	130
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U F
7.	CALCIUM		19.	SILVER	
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	30 P	22.	TIN	
11.	IRON	350 P	23.	VANADIUM	
12.	LEAD	24 F	24.	ZINC	2280
	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 M BE EXPLICIT AND CONTAINED ON COVER PAGE, HOWEVER.

COMMENTS:

LAB MANAGER Kathi A. Mitchell

CLIENT: HUKILL CHEMICAL CORP.

FILE NO.: 86-9681
ORDER NO.: 4617

LAB NUMBER: 86101239 (CONT.)

ANALYSIS	CONCENTRATION	UNITS	BOOK/PAGE
ARSENIC, TOTAL	DONE	.	
BARIUM, TOTAL	DONE	.	
CADMIUM, TOTAL	DONE	.	
CHROMIUM, TOTAL	DONE	.	
COPPER, TOTAL	DONE	.	
IRON, TOTAL	DONE	.	
LEAD, TOTAL	DONE	.	
MANGANESE, TOTAL	DONE	.	
MERCURY, TOTAL	DONE	.	
NICKEL, TOTAL	DONE	.	
SELENIUM, TOTAL	DONE	.	
SILVER, TOTAL	DONE	.	
ZINC, TOTAL	DONE	.	
FLUORIDE, EP TOXICITY	1.1	MG/L	614-31
SULFATE, EP TOXICITY	41.	MG/L	635-191
CHLORIDE, EP TOXICITY	ND(2)	MG/L	639-224
NITRATE, EP TOXICITY	ND(0.1)	MG/L	632-197
PHOSPHORUS, EP TOXICITY	ND(0.2)	MG/L	636-182

—CONCLUSION—LAB NUMBER: 86101239 SS-120 DUPLICATE

LAB NUMBER: 86101240
SAMPLE DESCRIPTION: SS-120 BLANK

DATE SAMPLED: 09/26/86
TIME SAMPLED: 1435

ANALYSIS	CONCENTRATION	UNITS	BOOK-PAGE
ARSENIC, EP TOXICITY	DONE	.	HUKILL
BARIUM, EP TOXICITY	DONE	.	HUKILL
CADMIUM, EP TOXICITY	DONE	.	HUKILL
CHROMIUM, EP TOXICITY	DONE	.	HUKILL
COPPER, EP TOXICITY	DONE	.	HUKILL
IRON, EP TOXICITY	DONE	.	HUKILL
LEAD, EP TOXICITY	DONE	.	HUKILL
MANGANESE, EP TOXICITY	DONE	.	HUKILL
MERCURY, EP TOXICITY	DONE	.	HUKILL
NICKEL, EP TOXICITY	DONE	.	HUKILL
SELENIUM, EP TOXICITY	DONE	.	HUKILL
SILVER, EP TOXICITY	DONE	.	HUKILL
ZINC, EP TOXICITY	DONE	.	HUKILL
ARSENIC, TOTAL	DONE	.	
BARIUM, TOTAL	DONE	.	

FORM I

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

EPA SAMPLE NO.
SS-120BLK

DATE 86/10/22

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1240

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

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL SLUDGE OTHER X E.P.to

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	11 U
3.	ARSENIC	10 U F	15.	MERCURY	.8 U
4.	BARIUM	60 U P	16.	NICKEL	31 U
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U F
7.	CALCIUM		19.	SILVER	
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	56 P	22.	TIN	
11.	IRON	80 U P	23.	VANADIUM	
12.	LEAD	10 F	24.	ZINC	129
CYANIDE			PERCENT SOLIDS (%)		

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COMMENTS:

LAB MANAGER Kathy A. Mitchell

CLIENT: HUKILL CHEMICAL CORP.

FILE NO.: 86-9681
ORDER NO.: 4617

LAB NUMBER: 86101240 (CONT.)

ANALYSIS	CONCENTRATION	UNITS	BOOK/PAGE
CADMIUM, TOTAL	DONE	.	
CHROMIUM, TOTAL	DONE	.	
COPPER, TOTAL	DONE	.	
IRON, TOTAL	DONE	.	
LEAD, TOTAL	DONE	.	
MANGANESE, TOTAL	DONE	.	
MERCURY, TOTAL	DONE	.	
NICKEL, TOTAL	DONE	.	
SELENIUM, TOTAL	DONE	.	
SILVER, TOTAL	DONE	.	
ZINC, TOTAL	DONE	.	
FLUORIDE, EP TOXICITY	ND(0.1)	MG/L	614-31
SULFATE, EP TOXICITY	15.	MG/L	635-191
CHLORIDE, EP TOXICITY	ND(2)	MG/L	639-224
NITRATE, EP TOXICITY	0.3	MG/L	632-197
PHOSPHORUS, EP TOXICITY	ND(0.2)	MG/L	636-182

—CONCLUSION—LAB NUMBER: 86101240 SS-120 BLANK

LAB NUMBER: 86101241
SAMPLE DESCRIPTION: SS-119

DATE SAMPLED: 09/26/86
TIME SAMPLED: 1430

ANALYSIS	CONCENTRATION	UNITS	BOOK-PAGE
SOLIDS, TOTAL	DONE	.	665-54
ARSENIC, EP TOXICITY	DONE	.	HUKILL
BARIUM, EP TOXICITY	DONE	.	HUKILL
CADMIUM, EP TOXICITY	DONE	.	HUKILL
CHROMIUM, EP TOXICITY	DONE	.	HUKILL
COPPER, EP TOXICITY	DONE	.	HUKILL
IRON, EP TOXICITY	DONE	.	HUKILL
LEAD, EP TOXICITY	DONE	.	HUKILL
MANGANESE, EP TOXICITY	DONE	.	HUKILL
MERCURY, EP TOXICITY	DONE	.	HUKILL
NICKEL, EP TOXICITY	DONE	.	HUKILL
SELENIUM, EP TOXICITY	DONE	.	HUKILL
SILVER, EP TOXICITY	DONE	.	HUKILL
ZINC, EP TOXICITY	DONE	.	HUKILL
ARSENIC, TOTAL	DONE	.	
BARIUM, TOTAL	DONE	.	
CADMIUM, TOTAL	DONE	.	

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.
SS-119

DATE 86/10/22

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1241

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

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER SOIL SLUDGE OTHER X E.P. to

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	3940
3.	ARSENIC	10 U F	15.	MERCURY	.2 U
4.	BARIUM	210 P	16.	NICKEL	81
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U F
7.	CALCIUM		19.	SILVER	
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	[19] P	22.	TIN	
11.	IRON	13900 P	23.	VANADIUM	
12.	LEAD	50 F	24.	ZINC	3700
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

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: 86101241
SAMPLE DESCRIPTION: SS-119

DATE SAMPLED: 09/26/86
TIME SAMPLED: 1430

ANALYSIS	CONCENTRATION	UNITS	BOOK-PAGE
SOLIDS, TOTAL	DONE	.	665-54
ARSENIC, EP TOXICITY	DONE	.	HUKILL
BARIUM, EP TOXICITY	DONE	.	HUKILL
CADMIUM, EP TOXICITY	DONE	.	HUKILL
CHROMIUM, EP TOXICITY	DONE	.	HUKILL
COPPER, EP TOXICITY	DONE	.	HUKILL
IRON, EP TOXICITY	DONE	.	HUKILL
LEAD, EP TOXICITY	DONE	.	HUKILL
MANGANESE, EP TOXICITY	DONE	.	HUKILL
MERCURY, EP TOXICITY	DONE	.	HUKILL
NICKEL, EP TOXICITY	DONE	.	HUKILL
SELENIUM, EP TOXICITY	DONE	.	HUKILL
SILVER, EP TOXICITY	DONE	.	HUKILL
ZINC, EP TOXICITY	DONE	.	HUKILL
ARSENIC, TOTAL	DONE	.	
BARIUM, TOTAL	DONE	.	
CADMIUM, TOTAL	DONE	.	
CHROMIUM, TOTAL	DONE	.	
COPPER, TOTAL	DONE	.	
IRON, TOTAL	DONE	.	
LEAD, TOTAL	DONE	.	
MANGANESE, TOTAL	DONE	.	
MERCURY, TOTAL	DONE	.	
NICKEL, TOTAL	DONE	.	
SELENIUM, TOTAL	DONE	.	
SILVER, TOTAL	DONE	.	
ZINC, TOTAL	DONE	.	
FLUORIDE, EP TOXICITY	0.1	MG/L	614-31
SULFATE, EP TOXICITY	23.	MG/L	635-191
CHLORIDE, EP TOXICITY	ND(2)	MG/L	639-224
NITRATE, EP TOXICITY	0.1	MG/L	632-197
PHOSPHORUS, EP TOXICITY	ND(0.2)	MG/L	636-182

—CONCLUSION—LAB NUMBER: 86101241 SS-119

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

CS- #1-CISTERN

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050288
Sample Matrix: Water
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/07/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 05/14/86
Date Analyzed: 05/14/86
Conc/Dil Factor: 10000 pH NR
Percent Moisture: NR
Percent Moisture (Decanted): NR

CAS Number		ug/l
74-87-3	Chloromethane	100000 u
74-83-9	Bromomethane	100000 u
75-01-4	Vinyl Chloride	100000 u
75-00-3	Chloroethane	100000 u
75-09-2	Methylene Chloride	1300000 B
67-64-1	Acetone	980000 B
75-15-0	Carbon Disulfide	50000 u
75-35-4	1,1-Dichloroethene	50000 u
75-34-3	1,1-Dichloroethane	50000 u
156-60-5	Trans-1,2-Dichloroethene	50000 u
67-66-3	Chloroform	50000 u
107-06-2	1,2-Dichloroethane	50000 u
78-93-3	2-Butanone	360000
71-55-6	1,1,1-Trichloroethane	50000 u
56-23-5	Carbon Tetrachloride	50000 u
108-05-4	Vinyl Acetate	100000 u
75-27-4	Bromodichloromethane	50000 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES #1-CISTERN

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	39000	J
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.

- Spiked compound.

NR - No value required.

Sample Number

CS-6

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050556
Sample Matrix: Water
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 05/15/86
Date Analyzed: 05/15/86
Conc/Dil Factor: 10000 pH NR
Percent Moisture: NR
Percent Moisture (Decanted): NR

CAS Number		ug/l
74-87-3	Chloromethane	100000 u
74-83-9	Bromomethane	100000 u
75-01-4	Vinyl Chloride	100000 u
75-00-3	Chloroethane	100000 u
75-09-2	Methylene Chloride	300000 B
67-64-1	Acetone	510000 B
75-15-0	Carbon Disulfide	50000 u
75-35-4	1,1-Dichloroethene	50000 u
75-34-3	1,1-Dichloroethane	50000 u
156-60-5	Trans-1,2-Dichloroethene	50000 u
67-66-3	Chloroform	50000 u
107-06-2	1,2-Dichloroethane	50000 u
78-93-3	2-Butanone	440000
71-55-6	1,1,1-Trichloroethane	50000 u
56-23-5	Carbon Tetrachloride	50000 u
108-05-4	Vinyl Acetate	100000 u
75-27-4	Bromodichloromethane	50000 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES CS-6

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	1100000
591-78-6	2-Hexanone	79000
127-18-4	Tetrachlorethene	50000 u
79-34-5	1,1,2,2-Tetrachloroethane	50000 u
108-88-3	Toluene	110000
108-90-7	Chlorobenzene	50000 u
100-41-4	Ethylbenzene	16000
100-42-5	Styrene	50000 u
	Total Xylenes	77000

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.

NR - No value required.

Laboratory Name: NUS CORPORATION Sample Number
Case No. EDER ASSOCIATES CS-6

Organics Analysis Data Sheet
(Page 6)

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/l
**********	**********	****	****	******
	UNKNOWN	VOA	275	70000
123-86-4	ACETIC ACID, BUTYL ESTER	VOA	465	60000

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.
CISTERN CS1

DATE 86/06/09

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8606-0102

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	.6
4.	BARIUM	[120] F	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 U F
8.	CHROMIUM	48 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

Sample Number

CSS-1

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050533
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/17/86
Date Analyzed: 05/17/86
Conc/Dil Factor: 8000 pH NR
Percent Moisture: 57
Percent Moisture (Decanted):

CAS Number		ug/kg
74-87-3	Chloromethane	19000000 u
74-83-9	Bromomethane	19000000 u
75-01-4	Vinyl Chloride	19000000 u
75-00-3	Chloroethane	19000000 u
75-09-2	Methylene Chloride	140,000,000 B
67-64-1	Acetone	9,300,000 J,B
75-15-0	Carbon Disulfide	9500000 u
75-35-4	1,1-Dichloroethene	9500000 u
75-34-3	1,1-Dichloroethane	9500000 u
156-60-5	Trans-1,2-Dichloroethene	9500000 u
67-66-3	Chloroform	9500000 u
107-06-2	1,2-Dichloroethane	9500000 u
78-93-3	2-Butanone	8,000,000 J,B
71-55-6	1,1,1-Trichloroethane	34,000,000
56-23-5	Carbon Tetrachloride	9500000 u
108-05-4	Vinyl Acetate	19000000 u
75-27-4	Bromodichloromethane	9500000 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES CSS-1

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
78-87-5	1,2-Dichloropropane	9500000 u
10061-02-6	Trans-1,3-Dichloropropene	9500000 u
79-01-6	Trichloroethene	8,100,000 J
124-48-1	Dibromochloromethane	9500000 u
79-00-5	1,1,2-Trichloroethane	9500000 u
71-43-2	Benzene	9500000 u
10061-01-5	cis-1,3-Dichloropropene	9500000 u
110-75-8	2-Chloroethylvinylether	19000000 u
75-25-2	Bromoform	9500000 u
108-10-1	4-Methyl-2-Pentanone	19000000 u
591-78-6	2-Hexanone	19000000 u
127-18-4	Tetrachlorethene	9500000 u
79-34-5	1,1,2,2-Tetrachloroethane	9500000 u
108-88-3	Toluene	21,000,000
108-90-7	Chlorobenzene	9500000 u
100-41-4	Ethylbenzene	4,500,000
100-42-5	Styrene	9500000 u
	Total Xylenes	22,000,000

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.

NR - No value required.

FORM I

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

EPA SAMPLE NO.
CIST RES CSS11

DATE 86/06/17

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1303

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	17 F	15.	MERCURY	~~4.1~~ 3.5
4.	BARIUM	4630 P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	92 P	18.	SELENIUM	7.1 U F
7.	CALCIUM		19.	SILVER	14 U P
8.	CHROMIUM	3390 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	7130 F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		35

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.

AMENTS:

LAB MANAGER Kathi a Mitchell

FORM I

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

EPA SAMPLE NO.
CIST/RES CSS11

DATE 86/06/16

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1303

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER √ E.P. tox

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	490 F	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	300 F	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 F
8.	CHROMIUM	200 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

Sample Number

SS-128

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050547
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: ~~05/19/86 LM~~ 05/20/86
Date Analyzed: ~~05/19/86 LM~~ 05/20/86
Conc/Dil Factor: 2 pH NR
Percent Moisture: 15
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	2400 u
74-83-9	Bromomethane	2400 u
75-01-4	Vinyl Chloride	2400 u
75-00-3	Chloroethane	2400 u
75-09-2	Methylene Chloride	1600 B
67-64-1	Acetone	23000 B
75-15-0	Carbon Disulfide	1200 u
75-35-4	1,1-Dichloroethene	1200 u
75-34-3	1,1-Dichloroethane	1200 u
156-60-5	Trans-1,2-Dichloroethene	1200 u
67-66-3	Chloroform	1200 u
107-06-2	1,2-Dichloroethane	1200 u
78-93-3	2-Butanone	10000 B
71-55-6	1,1,1-Trichloroethane	2400
56-23-5	Carbon Tetrachloride	1200 u
108-05-4	Vinyl Acetate	2400 u
75-27-4	Bromodichloromethane	1200 u

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

Laboratory Name NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-128

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg	
		**********	
78-87-5	1,2-Dichloropropane		1200 u
10061-02-6	Trans-1,3-Dichloropropene		1200 u
79-01-6	Trichloroethene		1200 u
124-48-1	Dibromochloromethane		1200 u
79-00-5	1,1,2-Trichloroethane		1200 u
71-43-2	Benzene		1200 u
10061-01-5	cis-1,3-Dichloropropene		1200 u
110-75-8	2-Chloroethylvinylether		2400 u
75-25-2	Bromoform		1200 u
108-10-1	4-Methyl-2-Pentanone	4300	
591-78-6	2-Hexanone		2400 u
127-18-4	Tetrachlorethene	15000	
79-34-5	1,1,2,2-Tetrachloroethane		1200 u
108-88-3	Toluene	14000	
108-90-7	Chlorobenzene	18000	
100-41-4	Ethylbenzene	4200	
100-42-5	Styrene		1200 u
	Total Xylenes	19000	

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.

NR - No value required.

Sample Number

SS-131

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050546
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: ~~05/19/86~~ 05/20/86 DAD 6/21/86
Date Analyzed: ~~05/19/86~~ 05/20/86
Conc/Dil Factor: 400 pH NR
Percent Moisture: 20
Percent Moisture (Decanted): NR

CAS Number		ug/kg
		**********
74-87-3	Chloromethane	500000 u
74-83-9	Bromomethane	500000 u
75-01-4	Vinyl Chloride	500000 u
75-00-3	Chloroethane	500000 u
75-09-2	Methylene Chloride	380000 B
67-64-1	Acetone	1000000 B
75-15-0	Carbon Disulfide	250000 u
75-35-4	1,1-Dichloroethene	250000 u
75-34-3	1,1-Dichloroethane	250000 u
156-60-5	Trans-1,2-Dichloroethene	250000 u
67-66-3	Chloroform	250000 u
107-06-2	1,2-Dichloroethane	250000 u
78-93-3	2-Butanone	1500000 B
71-55-6	1,1,1-Trichloroethane	250000 u
56-23-5	Carbon Tetrachloride	250000 u
108-05-4	Vinyl Acetate	500000 u
75-27-4	Bromodichloromethane	250000 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-131

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
78-87-5	1,2-Dichloropropane	250000 u
10061-02-6	Trans-1,3-Dichloropropene	250000 u
79-01-6	Trichloroethene	250000 u
124-48-1	Dibromochloromethane	250000 u
79-00-5	1,1,2-Trichloroethane	250000 u
71-43-2	Benzene	250000 u
10061-01-5	cis-1,3-Dichloropropene	250000 u
110-75-8	2-Chloroethylvinylether	500000 u
75-25-2	Bromoform	250000 u
108-10-1	4-Methyl-2-Pentanone	500000 u
591-78-6	2-Hexanone	500000 u
127-18-4	Tetrachlorethene	250000 u
79-34-5	1,1,2,2-Tetrachloroethane	250000 u
108-88-3	Toluene	680000
108-90-7	Chlorobenzene	250000 u
100-41-4	Ethylbenzene	200000 J
100-42-5	Styrene	250000 u
	Total Xylenes	940000

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.

ɔ - Spiked compound.

NR - No value required.

Sample Number

SS-132

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050550
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/20/86
Date Analyzed: 05/20/86
Conc/Dil Factor: 2 pH NR
Percent Moisture: 5
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	2100 u
74-83-9	Bromomethane	2100 u
75-01-4	Vinyl Chloride	2100 u
75-00-3	Chloroethane	2100 u
75-09-2	Methylene Chloride	6800 B
67-64-1	Acetone	16000 B
75-15-0	Carbon Disulfide	1050 u
75-35-4	1,1-Dichloroethene	1050 u
75-34-3	1,1-Dichloroethane	1050 u
156-60-5	Trans-1,2-Dichloroethene	1050 u
67-66-3	Chloroform	1050 u
107-06-2	1,2-Dichloroethane	1050 u
78-93-3	2-Butanone	16000 B
71-55-6	1,1,1-Trichloroethane	1050 u
56-23-5	Carbon Tetrachloride	1050 u
108-05-4	Vinyl Acetate	2100 u
75-27-4	Bromodichloromethane	1050 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-132

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
78-87-5	1,2-Dichloropropane	1050 u
10061-02-6	Trans-1,3-Dichloropropene	1050 u
79-01-6	Trichloroethene	1050 u
124-48-1	Dibromochloromethane	1050 u
79-00-5	1,1,2-Trichloroethane	1050 u
71-43-2	Benzene	1050 u
10061-01-5	cis-1,3-Dichloropropene	1050 u
110-75-8	2-Chloroethylvinylether	2100 u
75-25-2	Bromoform	1050 u
108-10-1	4-Methyl-2-Pentanone	7900
591-78-6	2-Hexanone	2100 u
127-18-4	Tetrachlorethene	1050 u
79-34-5	1,1,2,2-Tetrachloroethane	1050 u
108-88-3	Toluene	29000
108-90-7	Chlorobenzene	1050 u
100-41-4	Ethylbenzene	6000
100-42-5	Styrene	1050 u
	Total Xylenes	27000

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.

NR - No value required.

Sample Number

SS-133

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050548
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: ~~05/19/86~~ 05/20/86 DAA 6/21/86
Date Analyzed: ~~05/19/86~~ 05/20/86
Conc/Dil Factor: 500 pH NR
Percent Moisture: 12
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	570000 u
74-83-9	Bromomethane	570000 u
75-01-4	Vinyl Chloride	570000 u
75-00-3	Chloroethane	570000 u
75-09-2	Methylene Chloride	730000 B
67-64-1	Acetone	570000 u
75-15-0	Carbon Disulfide	285000 u
75-35-4	1,1-Dichloroethene	285000 u
75-34-3	1,1-Dichloroethane	285000 u
156-60-5	Trans-1,2-Dichloroethene	285000 u
67-66-3	Chloroform	285000 u
107-06-2	1,2-Dichloroethane	285000 u
78-93-3	2-Butanone	570000 u
71-55-6	1,1,1-Trichloroethane	285000 u
56-23-5	Carbon Tetrachloride	285000 u
108-05-4	Vinyl Acetate	570000 u
75-27-4	Bromodichloromethane	285000 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-133

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
78-87-5	1,2-Dichloropropane	285000 u
10061-02-6	Trans-1,3-Dichloropropene	285000 u
79-01-6	Trichloroethene	285000 u
124-48-1	Dibromochloromethane	285000 u
79-00-5	1,1,2-Trichloroethane	285000 u
71-43-2	Benzene	285000 u
10061-01-5	cis-1,3-Dichloropropene	285000 u
110-75-8	2-Chloroethylvinylether	570000 u
75-25-2	Bromoform	285000 u
108-10-1	4-Methyl-2-Pentanone	570000 u
591-78-6	2-Hexanone	570000 u
127-18-4	Tetrachlorethene	285000 u
79-34-5	1,1,2,2-Tetrachloroethane	285000 u
108-88-3	Toluene	2600000
108-90-7	Chlorobenzene	285000 u
100-41-4	Ethylbenzene	670000
100-42-5	Styrene	285000 u
	Total Xylenes	2700000

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.

NR - No value required.

Sample Number

SS-135

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050549
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/23/86
Date Analyzed: 05/23/86
Conc/Dil Factor: 1 pH NR
Percent Moisture: 14
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	1200 u
74-83-9	Bromomethane	1200 u
75-01-4	Vinyl Chloride	1200 u
75-00-3	Chloroethane	1200 u
75-09-2	Methylene Chloride	700 B
67-64-1	Acetone	5300 B
75-15-0	Carbon Disulfide	600 u
75-35-4	1,1-Dichloroethene	600 u
75-34-3	1,1-Dichloroethane	600 u
156-60-5	Trans-1,2-Dichloroethene	600 u
67-66-3	Chloroform	600 u
107-06-2	1,2-Dichloroethane	600 u
78-93-3	2-Butanone	5800 B
71-55-6	1,1,1-Trichloroethane	600 u
56-23-5	Carbon Tetrachloride	600 u
108-05-4	Vinyl Acetate	1200 u
75-27-4	Bromodichloromethane	600 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-135

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
78-87-5	1,2-Dichloropropane	600 u
10061-02-6	Trans-1,3-Dichloropropene	600 u
79-01-6	Trichloroethene	600 u
124-48-1	Dibromochloromethane	600 u
79-00-5	1,1,2-Trichloroethane	600 u
71-43-2	Benzene	600 u
10061-01-5	cis-1,3-Dichloropropene	600 u
110-75-8	2-Chloroethylvinylether	1200 u
75-25-2	Bromoform	600 u
108-10-1	4-Methyl-2-Pentanone	1200 u
591-78-6	2-Hexanone	1200 u
127-18-4	Tetrachlorethene	600 u
79-34-5	1,1,2,2-Tetrachloroethane	600 u
108-88-3	Toluene	600 u
108-90-7	Chlorobenzene	600 u
100-41-4	Ethylbenzene	600 u
100-42-5	Styrene	600 u
	Total Xylenes	600 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.

NR - No value required.

Sample Number

SS-136

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050552
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

****

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/23/86
Date Analyzed: 05/23/86
Conc/Dil Factor: 2 pH NR
Percent Moisture: 5
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	2100 u
74-83-9	Bromomethane	2100 u
75-01-4	Vinyl Chloride	2100 u
75-00-3	Chloroethane	2100 u
75-09-2	Methylene Chloride	1700 B
67-64-1	Acetone	7800 B
75-15-0	Carbon Disulfide	1050 u
75-35-4	1,1-Dichloroethene	1050 u
75-34-3	1,1-Dichloroethane	1050 u
156-60-5	Trans-1,2-Dichloroethene	1050 u
67-66-3	Chloroform	1050 u
107-06-2	1,2-Dichloroethane	1050 u
78-93-3	2-Butanone	6600 B
71-55-6	1,1,1-Trichloroethane	1050 u
56-23-5	Carbon Tetrachloride	1050 u
108-05-4	Vinyl Acetate	2100 u
75-27-4	Bromodichloromethane	1050 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-136

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
78-87-5	1,2-Dichloropropane	1050 u
10061-02-6	Trans-1,3-Dichloropropene	1050 u
79-01-6	Trichloroethene	1050 u
124-48-1	Dibromochloromethane	1050 u
79-00-5	1,1,2-Trichloroethane	1050 u
71-43-2	Benzene	1050 u
10061-01-5	cis-1,3-Dichloropropene	1050 u
110-75-8	2-Chloroethylvinylether	2100 u
75-25-2	Bromoform	1050 u
108-10-1	4-Methyl-2-Pentanone	2100 u
591-78-6	2-Hexanone	2100 u
127-18-4	Tetrachlorethene	1050 u
79-34-5	1,1,2,2-Tetrachloroethane	1050 u
108-88-3	Toluene	9100
108-90-7	Chlorobenzene	1050 u
100-41-4	Ethylbenzene	2700 B
100-42-5	Styrene	1050 u
	Total Xylenes	13000 B

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.

NR - No value required.

Sample Number

SS-137

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050538
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/18/86
Date Analyzed: 05/18/86
Conc/Dil Factor: 200 pH NR
Percent Moisture: 14
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	230000 u
74-83-9	Bromomethane	230000 u
75-01-4	Vinyl Chloride	230000 u
75-00-3	Chloroethane	230000 u
75-09-2	Methylene Chloride	78000 J,B
67-64-1	Acetone	230000 u
75-15-0	Carbon Disulfide	115000 u
75-35-4	1,1-Dichloroethene	115000 u
75-34-3	1,1-Dichloroethane	115000 u
156-60-5	Trans-1,2-Dichloroethene	115000 u
67-66-3	Chloroform	115000 u
107-06-2	1,2-Dichloroethane	115000 u
78-93-3	2-Butanone	230000 u
71-55-6	1,1,1-Trichloroethane	160000
56-23-5	Carbon Tetrachloride	115000 u
108-05-4	Vinyl Acetate	230000 u
75-27-4	Bromodichloromethane	115000 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-137

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
78-87-5	1,2-Dichloropropane	115000 u
10061-02-6	Trans-1,3-Dichloropropene	115000 u
79-01-6	Trichloroethene	115000 u
124-48-1	Dibromochloromethane	115000 u
79-00-5	1,1,2-Trichloroethane	115000 u
71-43-2	Benzene	115000 u
10061-01-5	cis-1,3-Dichloropropene	115000 u
110-75-8	2-Chloroethylvinylether	230000 u
75-25-2	Bromoform	115000 u
108-10-1	4-Methyl-2-Pentanone	230000 u
591-78-6	2-Hexanone	230000 u
127-18-4	Tetrachloroethene	280000
79-34-5	1,1,2,2-Tetrachloroethane	115000 u
108-88-3	Toluene	1600000
108-90-7	Chlorobenzene	115000 u
100-41-4	Ethylbenzene	510000
100-42-5	Styrene	115000 u
	Total Xylenes	2000000

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.

NR - No value required.

Sample Number

SS-138

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050537
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

****

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/18/86
Date Analyzed: 05/18/86
Conc/Dil Factor: 40 pH NR
Percent Moisture: 16
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	48000 u
74-83-9	Bromomethane	48000 u
75-01-4	Vinyl Chloride	48000 u
75-00-3	Chloroethane	48000 u
75-09-2	Methylene Chloride	19000 J,B
67-64-1	Acetone	100000 B
75-15-0	Carbon Disulfide	24000 u
75-35-4	1,1-Dichloroethene	24000 u
75-34-3	1,1-Dichloroethane	24000 u
156-60-5	Trans-1,2-Dichloroethene	24000 u
67-66-3	Chloroform	24000 u
107-06-2	1,2-Dichloroethane	24000 u
78-93-3	2-Butanone	46000 J,B
71-55-6	1,1,1-Trichloroethane	24000 u
56-23-5	Carbon Tetrachloride	24000 u
108-05-4	Vinyl Acetate	48000 u
75-27-4	Bromodichloromethane	24000 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-138

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
78-87-5	1,2-Dichloropropane	24000 u
10061-02-6	Trans-1,3-Dichloropropene	24000 u
79-01-6	Trichloroethene	24000 u
124-48-1	Dibromochloromethane	24000 u
79-00-5	1,1,2-Trichloroethane	24000 u
71-43-2	Benzene	24000 u
10061-01-5	cis-1,3-Dichloropropene	24000 u
110-75-8	2-Chloroethylvinylether	48000 u
75-25-2	Bromoform	24000 u
108-10-1	4-Methyl-2-Pentanone	48000 u
591-78-6	2-Hexanone	48000 u
127-18-4	Tetrachlorethene	24000 u
79-34-5	1,1,2,2-Tetrachloroethane	24000 u
108-88-3	Toluene	120000
108-90-7	Chlorobenzene	24000 u
100-41-4	Ethylbenzene	43000
100-42-5	Styrene	24000 u
	Total Xylenes	200000

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.

NR - No value required.

Sample Number

SS-139

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050539
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/19/86
Date Analyzed: 05/19/86
Conc/Dil Factor: 4 pH NR
Percent Moisture: 17
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	4800 u
74-83-9	Bromomethane	4800 u
75-01-4	Vinyl Chloride	4800 u
75-00-3	Chloroethane	4800 u
75-09-2	Methylene Chloride	84000 B
67-64-1	Acetone	45000 B
75-15-0	Carbon Disulfide	2400 u
75-35-4	1,1-Dichloroethene	2400 u
75-34-3	1,1-Dichloroethane	2400 u
156-60-5	Trans-1,2-Dichloroethene	2400 u
67-66-3	Chloroform	2400 u
107-06-2	1,2-Dichloroethane	2400 u
78-93-3	2-Butanone	76000 B
71-55-6	1,1,1-Trichloroethane	5000
56-23-5	Carbon Tetrachloride	2400 u
108-05-4	Vinyl Acetate	4800 u
75-27-4	Bromodichloromethane	2400 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-139

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
78-87-5	1,2-Dichloropropane	2400 u
10061-02-6	Trans-1,3-Dichloropropene	2400 u
79-01-6	Trichloroethene	2400 u
124-48-1	Dibromochloromethane	2400 u
79-00-5	1,1,2-Trichloroethane	2400 u
71-43-2	Benzene	2400 u
10061-01-5	cis-1,3-Dichloropropene	2400 u
110-75-8	2-Chloroethylvinylether	4800 u
75-25-2	Bromoform	2400 u
108-10-1	4-Methyl-2-Pentanone	27000
591-78-6	2-Hexanone	4800 u
127-18-4	Tetrachlorethene	4200
79-34-5	1,1,2,2-Tetrachloroethane	2400 u
108-88-3	Toluene	41000
108-90-7	Chlorobenzene	2400 u
100-41-4	Ethylbenzene	13000
100-42-5	Styrene	2400 u
	Total Xylenes	47000

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.

NR - No value required.

Sample Number

SS-140

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050541
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/19/86
Date Analyzed: 05/19/86
Conc/Dil Factor: 4 pH NR
Percent Moisture: 14
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	4700 u
74-83-9	Bromomethane	4700 u
75-01-4	Vinyl Chloride	4700 u
75-00-3	Chloroethane	4700 u
75-09-2	Methylene Chloride	8500 B
67-64-1	Acetone	32000 B
75-15-0	Carbon Disulfide	2350 u
75-35-4	1,1-Dichloroethene	2350 u
75-34-3	1,1-Dichloroethane	2350 u
156-60-5	Trans-1,2-Dichloroethene	2350 u
67-66-3	Chloroform	2350 u
107-06-2	1,2-Dichloroethane	2350 u
78-93-3	2-Butanone	49000 B
71-55-6	1,1,1-Trichloroethane	2350 u
56-23-5	Carbon Tetrachloride	2350 u
108-05-4	Vinyl Acetate	4700 u
75-27-4	Bromodichloromethane	2350 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-140

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
78-87-5	1,2-Dichloropropane	2350 u
10061-02-6	Trans-1,3-Dichloropropene	2350 u
79-01-6	Trichloroethene	2350 u
124-48-1	Dibromochloromethane	2350 u
79-00-5	1,1,2-Trichloroethane	2350 u
71-43-2	Benzene	2350 u
10061-01-5	cis-1,3-Dichloropropene	2350 u
110-75-8	2-Chloroethylvinylether	4700 u
75-25-2	Bromoform	2350 u
108-10-1	4-Methyl-2-Pentanone	11000
591-78-6	2-Hexanone	4700 u
127-18-4	Tetrachlorethene	4800
79-34-5	1,1,2,2-Tetrachloroethane	2350 u
108-88-3	Toluene	24000
108-90-7	Chlorobenzene	2350 u
100-41-4	Ethylbenzene	7800
100-42-5	Styrene	2350 u
	Total Xylenes	32000

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.

NR - No value required.

Sample Number

SS-142

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050540
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/19/86
Date Analyzed: 05/19/86
Conc/Dil Factor: 4 pH NR
Percent Moisture: 6
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	4300 u
74-83-9	Bromomethane	4300 u
75-01-4	Vinyl Chloride	4300 u
75-00-3	Chloroethane	4300 u
75-09-2	Methylene Chloride	6100 B
67-64-1	Acetone	38000 B
75-15-0	Carbon Disulfide	2150 u
75-35-4	1,1-Dichloroethene	2150 u
75-34-3	1,1-Dichloroethane	2150 u
156-60-5	Trans-1,2-Dichloroethene	2150 u
67-66-3	Chloroform	2150 u
107-06-2	1,2-Dichloroethane	2150 u
78-93-3	2-Butanone	22000
71-55-6	1,1,1-Trichloroethane	2150 u
56-23-5	Carbon Tetrachloride	2150 u
108-05-4	Vinyl Acetate	4300 u
75-27-4	Bromodichloromethane	2150 u

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

Laboratory Name NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-142

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
78-87-5	1,2-Dichloropropane	2150 u
10061-02-6	Trans-1,3-Dichloropropene	2150 u
79-01-6	Trichloroethene	2150 u
124-48-1	Dibromochloromethane	2150 u
79-00-5	1,1,2-Trichloroethane	2150 u
71-43-2	Benzene	2150 u
10061-01-5	cis-1,3-Dichloropropene	2150 u
110-75-8	2-Chloroethylvinylether	4300 u
75-25-2	Bromoform	2150 u
108-10-1	4-Methyl-2-Pentanone	4300 u
591-78-6	2-Hexanone	4300 u
127-18-4	Tetrachlorethene	2150 u
79-34-5	1,1,2,2-Tetrachloroethane	2150 u
108-88-3	Toluene	3400
108-90-7	Chlorobenzene	2150 u
100-41-4	Ethylbenzene	1000 J
100-42-5	Styrene	2150 u
	Total Xylenes	5400

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.

NR - No value required.

Sample Number

SS-143

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050544
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

****

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/19/86
Date Analyzed: 05/19/86
Conc/Dil Factor: 2 pH NR
Percent Moisture: 13
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	2300 u
74-83-9	Bromomethane	2300 u
75-01-4	Vinyl Chloride	2300 u
75-00-3	Chloroethane	2300 u
75-09-2	Methylene Chloride	2700 B
67-64-1	Acetone	16000 B
75-15-0	Carbon Disulfide	1150 u
75-35-4	1,1-Dichloroethene	1150 u
75-34-3	1,1-Dichloroethane	1150 u
156-60-5	Trans-1,2-Dichloroethene	1150 u
67-66-3	Chloroform	1150 u
107-06-2	1,2-Dichloroethane	1150 u
78-93-3	2-Butanone	22000 B
71-55-6	1,1,1-Trichloroethane	1150 u
56-23-5	Carbon Tetrachloride	1150 u
108-05-4	Vinyl Acetate	2300 u
75-27-4	Bromodichloromethane	1150 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-143

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
78-87-5	1,2-Dichloropropane	1150 u
10061-02-6	Trans-1,3-Dichloropropene	1150 u
79-01-6	Trichloroethene	1150 u
124-48-1	Dibromochloromethane	1150 u
79-00-5	1,1,2-Trichloroethane	1150 u
71-43-2	Benzene	1150 u
10061-01-5	cis-1,3-Dichloropropene	1150 u
110-75-8	2-Chloroethylvinylether	2300 u
75-25-2	Bromoform	1150 u
108-10-1	4-Methyl-2-Pentanone	4200
591-78-6	2-Hexanone	2300 u
127-18-4	Tetrachlorethene	1150 u
79-34-5	1,1,2,2-Tetrachloroethane	1150 u
108-88-3	Toluene	2300
108-90-7	Chlorobenzene	1150 u
100-41-4	Ethylbenzene	820 J
100-42-5	Styrene	1150 u
	Total Xylenes	3300

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.

NR - No value required.

Sample Number

SS-144

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050542
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/19/86
Date Analyzed: 05/19/86
Conc/Dil Factor: 100 pH NR
Percent Moisture: 15
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	120000 u
74-83-9	Bromomethane	120000 u
75-01-4	Vinyl Chloride	120000 u
75-00-3	Chloroethane	120000 u
75-09-2	Methylene Chloride	63000 B
67-64-1	Acetone	240000 B
75-15-0	Carbon Disulfide	60000 u
75-35-4	1,1-Dichloroethene	60000 u
75-34-3	1,1-Dichloroethane	60000 u
156-60-5	Trans-1,2-Dichloroethene	60000 u
67-66-3	Chloroform	60000 u
107-06-2	1,2-Dichloroethane	60000 u
78-93-3	2-Butanone	320000 B
71-55-6	1,1,1-Trichloroethane	60000 u
56-23-5	Carbon Tetrachloride	60000 u
108-05-4	Vinyl Acetate	120000 u
75-27-4	Bromodichloromethane	60000 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-144

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
78-87-5	1,2-Dichloropropane	60000 u
10061-02-6	Trans-1,3-Dichloropropene	60000 u
79-01-6	Trichloroethene	60000 u
124-48-1	Dibromochloromethane	60000 u
79-00-5	1,1,2-Trichloroethane	60000 u
71-43-2	Benzene	60000 u
10061-01-5	cis-1,3-Dichloropropene	60000 u
110-75-8	2-Chloroethylvinylether	120000 u
75-25-2	Bromoform	60000 u
108-10-1	4-Methyl-2-Pentanone	120000 u
591-78-6	2-Hexanone	120000 u
127-18-4	Tetrachlorethene	330000
79-34-5	1,1,2,2-Tetrachloroethane	60000 u
108-88-3	Toluene	91000
108-90-7	Chlorobenzene	60000 u
100-41-4	Ethylbenzene	24000 J
100-42-5	Styrene	60000 u
	Total Xylenes	130000

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.

NR - No value required.

Sample Number

SS-146

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050545
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/20/86
Date Analysed: 05/20/86
Conc/Dil Factor: 2 pH NR
Percent Moisture: 18
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	2400 u
74-83-9	Bromomethane	2400 u
75-01-4	Vinyl Chloride	2400 u
75-00-3	Chloroethane	2400 u
75-09-2	Methylene Chloride	1700 B
67-64-1	Acetone	6900 B
75-15-0	Carbon Disulfide	1200 u
75-35-4	1,1-Dichloroethene	1200 u
75-34-3	1,1-Dichloroethane	1200 u
156-60-5	Trans-1,2-Dichloroethene	1200 u
67-66-3	Chloroform	1200 u
107-06-2	1,2-Dichloroethane	1200 u
78-93-3	2-Butanone	9300 B
71-55-6	1,1,1-Trichloroethane	1200 u
56-23-5	Carbon Tetrachloride	1200 u
108-05-4	Vinyl Acetate	2400 u
75-27-4	Bromodichloromethane	1200 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-146

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
78-87-5	1,2-Dichloropropane	1200 u
10061-02-6	Trans-1,3-Dichloropropene	1200 u
79-01-6	Trichloroethene	1200 u
124-48-1	Dibromochloromethane	1200 u
79-00-5	1,1,2-Trichloroethane	1200 u
71-43-2	Benzene	1200 u
10061-01-5	cis-1,3-Dichloropropene	1200 u
110-75-8	2-Chloroethylvinylether	2400 u
75-25-2	Bromoform	1200 u
108-10-1	4-Methyl-2-Pentanone	2400 u
591-78-6	2-Hexanone	2400 u
127-18-4	Tetrachlorethene	1200 u
79-34-5	1,1,2,2-Tetrachloroethane	1200 u
108-88-3	Toluene	1500
108-90-7	Chlorobenzene	1200 u
100-41-4	Ethylbenzene	290 J
100-42-5	Styrene	1200 u
	Total Xylenes	1000 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 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.

NR - No value required.

Sample Number

SS-147

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050531
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

****

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/17/86
Date Analyzed: 05/17/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: 5
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	1100 u
74-83-9	Bromomethane	1100 u
75-01-4	Vinyl Chloride	1100 u
75-00-3	Chloroethane	1100 u
75-09-2	Methylene Chloride	1800 B
67-64-1	Acetone	3200 B
75-15-0	Carbon Disulfide	550 u
75-35-4	1,1-Dichloroethene	550 u
75-34-3	1,1-Dichloroethane	550 u
156-60-5	Trans-1,2-Dichloroethene	550 u
67-66-3	Chloroform	550 u
107-06-2	1,2-Dichloroethane	550 u
78-93-3	2-Butanone	5400 B
71-55-6	1,1,1-Trichloroethane	550 u
56-23-5	Carbon Tetrachloride	550 u
108-05-4	Vinyl Acetate	1100 u
75-27-4	Bromodichloromethane	550 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-147

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
78-87-5	1,2-Dichloropropane	550 u
10061-02-6	Trans-1,3-Dichloropropene	550 u
79-01-6	Trichloroethene	550 u
124-48-1	Dibromochloromethane	550 u
79-00-5	1,1,2-Trichloroethane	550 u
71-43-2	Benzene	550 u
10061-01-5	cis-1,3-Dichloropropene	550 u
110-75-8	2-Chloroethylvinylether	1100 u
75-25-2	Bromoform	550 u
108-10-1	4-Methyl-2-Pentanone	3200
591-78-6	2-Hexanone	1100 u
127-18-4	Tetrachlorethene	880
79-34-5	1,1,2,2-Tetrachloroethane	550 u
108-88-3	Toluene	11000
108-90-7	Chlorobenzene	550 u
100-41-4	Ethylbenzene	5200
100-42-5	Styrene	550 u
	Total Xylenes	23000

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.

NR - No value required.

Sample Number

SS-148

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050536
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

****

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/18/86
Date Analyzed: 05/18/86
Conc/Dil Factor: 4 pH NR
Percent Moisture: 21
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	5100 u
74-83-9	Bromomethane	5100 u
75-01-4	Vinyl Chloride	5100 u
75-00-3	Chloroethane	5100 u
75-09-2	Methylene Chloride	41000 B
67-64-1	Acetone	160000 B
75-15-0	Carbon Disulfide	2550 u
75-35-4	1,1-Dichloroethene	2550 u
75-34-3	1,1-Dichloroethane	2550 u
156-60-5	Trans-1,2-Dichloroethene	2550 u
67-66-3	Chloroform	2550 u
107-06-2	1,2-Dichloroethane	2550 u
78-93-3	2-Butanone	130000 B
71-55-6	1,1,1-Trichloroethane	2550 u
56-23-5	Carbon Tetrachloride	2550 u
108-05-4	Vinyl Acetate	5100 u
75-27-4	Bromodichloromethane	2550 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-148

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
78-87-5	1,2-Dichloropropane	2550 u
10061-02-6	Trans-1,3-Dichloropropene	2550 u
79-01-6	Trichloroethene	2550 u
124-48-1	Dibromochloromethane	2550 u
79-00-5	1,1,2-Trichloroethane	2550 u
71-43-2	Benzene	2550 u
10061-01-5	cis-1,3-Dichloropropene	2550 u
110-75-8	2-Chloroethylvinylether	5100 u
75-25-2	Bromoform	2550 u
108-10-1	4-Methyl-2-Pentanone	19000
591-78-6	2-Hexanone	5100 u
127-18-4	Tetrachlorethene	2550 u
79-34-5	1,1,2,2-Tetrachloroethane	2550 u
108-88-3	Toluene	7200
108-90-7	Chlorobenzene	2550 u
100-41-4	Ethylbenzene	1300 J
100-42-5	Styrene	2550 u
	Total Xylenes	6600

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.

NR - No value required.

Sample Number

SS-151

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050543
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/19/86
Date Analyzed: 05/19/86
Conc/Dil Factor: 2 pH NR
Percent Moisture: 6
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	2100 u
74-83-9	Bromomethane	2100 u
75-01-4	Vinyl Chloride	2100 u
75-00-3	Chloroethane	2100 u
75-09-2	Methylene Chloride	4300 B
67-64-1	Acetone	12000 B
75-15-0	Carbon Disulfide	1050 u
75-35-4	1,1-Dichloroethene	1050 u
75-34-3	1,1-Dichloroethane	1050 u
156-60-5	Trans-1,2-Dichloroethene	1050 u
67-66-3	Chloroform	1050 u
107-06-2	1,2-Dichloroethane	1050 u
78-93-3	2-Butanone	15000
71-55-6	1,1,1-Trichloroethane	1050 u
56-23-5	Carbon Tetrachloride	1050 u
108-05-4	Vinyl Acetate	2100 u
75-27-4	Bromodichloromethane	1050 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-151

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg	
		**********	
78-87-5	1,2-Dichloropropane		1050 u
10061-02-6	Trans-1,3-Dichloropropene		1050 u
* 79-01-6	Trichloroethene		1050 u
124-48-1	Dibromochloromethane		1050 u
79-00-5	1,1,2-Trichloroethane		1050 u
71-43-2	Benzene		1050 u
10061-01-5	cis-1,3-Dichloropropene		1050 u
110-75-8	2-Chloroethylvinylether		2100 u
75-25-2	Bromoform		1050 u
108-10-1	4-Methyl-2-Pentanone	2800	
591-78-6	2-Hexanone		2100 u
127-18-4	Tetrachlorethene		1050 u
79-34-5	1,1,2,2-Tetrachloroethane		1050 u
108-88-3	Toluene	7500	
108-90-7	Chlorobenzene		1050 u
100-41-4	Ethylbenzene	2100	
100-42-5	Styrene		1050 u
	Total Xylenes	8700	

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.

NR - No value required.

Sample Number

SS-152

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050534
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 05/18/86
Date Analyzed: 05/18/86
Conc/Dil Factor: 10 pH NR
Percent Moisture: 18
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	12000 u
74-83-9	Bromomethane	12000 u
75-01-4	Vinyl Chloride	12000 u
75-00-3	Chloroethane	12000 u
75-09-2	Methylene Chloride	6800 B
67-64-1	Acetone	12000 u
75-15-0	Carbon Disulfide	6000 u
75-35-4	1,1-Dichloroethene	6000 u
75-34-3	1,1-Dichloroethane	6000 u
156-60-5	Trans-1,2-Dichloroethene	6000 u
67-66-3	Chloroform	6000 u
107-06-2	1,2-Dichloroethane	6000 u
78-93-3	2-Butanone	9000 J,B
71-55-6	1,1,1-Trichloroethane	6000 u
56-23-5	Carbon Tetrachloride	6000 u
108-05-4	Vinyl Acetate	12000 u
75-27-4	Bromodichloromethane	6000 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-152

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
78-87-5	1,2-Dichloropropane	6000 u
10061-02-6	Trans-1,3-Dichloropropene	6000 u
79-01-6	Trichloroethene	6000 u
124-48-1	Dibromochloromethane	6000 u
79-00-5	1,1,2-Trichloroethane	6000 u
71-43-2	Benzene	6000 u
10061-01-5	cis-1,3-Dichloropropene	6000 u
110-75-8	2-Chloroethylvinylether	12000 u
75-25-2	Bromoform	6000 u
108-10-1	4-Methyl-2-Pentanone	12000 u
591-78-6	2-Hexanone	12000 u
127-18-4	Tetrachlorethene	9900
79-34-5	1,1,2,2-Tetrachloroethane	6000 u
108-88-3	Toluene	47000
108-90-7	Chlorobenzene	6000 u
100-41-4	Ethylbenzene	20000
100-42-5	Styrene	6000 u
	Total Xylenes	120000

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.

_ - Spiked compound.

NR - No value required.

Sample Number

SS-155

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050535
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 05/19/86
Date Analyzed: 05/19/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: 6
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	11 u
74-83-9	Bromomethane	11 u
75-01-4	Vinyl Chloride	11 u
75-00-3	Chloroethane	11 u
75-09-2	Methylene Chloride	210 B
67-64-1	Acetone	140 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	8
67-66-3	Chloroform	5 u
107-06-2	1,2-Dichloroethane	5 u
78-93-3	2-Butanone	6 J
71-55-6	1,1,1-Trichloroethane	43
56-23-5	Carbon Tetrachloride	5 u
108-05-4	Vinyl Acetate	11 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 SS-155

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
78-87-5	1,2-Dichloropropane	5 u
10061-02-6	Trans-1,3-Dichloropropene	5 u
79-01-6	Trichloroethene	10
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	11 u
75-25-2	Bromoform	5 u
108-10-1	4-Methyl-2-Pentanone	11 u
591-78-6	2-Hexanone	11 u
127-18-4	Tetrachlorethene	41
79-34-5	1,1,2,2-Tetrachloroethane	5 u
108-88-3	Toluene	180
108-90-7	Chlorobenzene	5 u
100-41-4	Ethylbenzene	37
100-42-5	Styrene	5 u
	Total Xylenes	180

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.

NR - No value required

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-155

Organics Analysis Data Sheet
(Page 6)

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
**********	**********	****	****	******
76-13-1	ETHANE,1,1,2-TRICHLORO-1,2,2-TRIFLUORO-	VOA	226	90 J

Sample Number

SS-155 RA

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050535RA
Sample Matrix: Soil
Data Release Authorized By:
****

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/10/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 05/19/86
Date Analyzed: 05/19/86
Conc/Dil Factor: 2.5 pH NR
Percent Moisture: 6
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	27 u
74-83-9	Bromomethane	27 u
75-01-4	Vinyl Chloride	27 u
75-00-3	Chloroethane	27 u
75-09-2	Methylene Chloride	210 B
67-64-1	Acetone	110 B
75-15-0	Carbon Disulfide	13 u
75-35-4	1,1-Dichloroethene	13 u
75-34-3	1,1-Dichloroethane	13 u
156-60-5	Trans-1,2-Dichloroethene	13 u
67-66-3	Chloroform	13 u
107-06-2	1,2-Dichloroethane	13 u
78-93-3	2-Butanone	27 u
71-55-6	1,1,1-Trichloroethane	37
56-23-5	Carbon Tetrachloride	13 u
108-05-4	Vinyl Acetate	27 u
75-27-4	Bromodichloromethane	13 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-155 RA

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
78-87-5	1,2-Dichloropropane	13 u
10061-02-6	Trans-1,3-Dichloropropene	13 u
79-01-6	Trichloroethene	10 J
124-48-1	Dibromochloromethane	13 u
79-00-5	1,1,2-Trichloroethane	13 u
71-43-2	Benzene	13 u
10061-01-5	cis-1,3-Dichloropropene	13 u
110-75-8	2-Chloroethylvinylether	27 u
75-25-2	Bromoform	13 u
108-10-1	4-Methyl-2-Pentanone	27 u
591-78-6	2-Hexanone	27 u
127-18-4	Tetrachlorethene	42
79-34-5	1,1,2,2-Tetrachloroethane	13 u
108-88-3	Toluene	160
108-90-7	Chlorobenzene	13 u
100-41-4	Ethylbenzene	35
100-42-5	Styrene	13 u
	Total Xylenes	190

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.

NR - No value required

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES SS-155 RA

Organics Analysis Data Sheet
(Page 6)

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
**********	**********	****	****	******
76-13-1	ETHANE,1,1,2-TRICHLORO-1,2,2-TRIFLUORO-	VOA	226	60 J
1066-40-6	SILANOL,TRIMETHYL-	VOA	270	30 J

FORM I

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

EPA SAMPLE NO.
SBC1 SSM128

DATE 86/06/17

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1275

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	13 F	15.	MERCURY	.13 U
4.	BARIUM	40 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	3.3 U P	18.	SELENIUM	3.3 U F
7.	CALCIUM		19.	SILVER	6.6 U P
8.	CHROMIUM	6.6 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	5.3 F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	75

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.

JMMENTS:

LAB MANAGER Kathi A. Mitchell

FORM I

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

EPA SAMPLE NO.
SBC1 SSM131

DATE 86/06/17

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1278

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	17 F	15.	MERCURY	.11 U
4.	BARIUM	[96] P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	2.8 U P	18.	SELENIUM	2.8 U F
7.	CALCIUM		19.	SILVER	5.6 U P
8.	CHROMIUM	23 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	70 F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		88

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.

OMMENTS:

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.
SBC1 SSM132

DATE 86/06/17

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1279

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	18 F	15.	MERCURY	.11 U
4.	BARIUM	31 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	2.6 U P	18.	SELENIUM	2.6 U F
7.	CALCIUM		19.	SILVER	5.2 U P
8.	CHROMIUM	16 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	9.9 S F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		95

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.
SBC2 SSM133

DATE 86/06/17

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1280

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	16 F	15.	MERCURY	.11 U
4.	BARIUM	33 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	2.8 U P	18.	SELENIUM	2.8 U F
7.	CALCIUM		19.	SILVER	5.6 U P
8.	CHROMIUM	5.6 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	7.8 F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	89

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.
SBC2 SSM135

DATE 86/06/17

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1282

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	22 F	15.	MERCURY	.12 U
4.	BARIUM	35 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	2.9 U P	18.	SELENIUM	2.9 U F
7.	CALCIUM		19.	SILVER	5.8 U P
8.	CHROMIUM	12 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	12 F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	85

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.
SBC2 SSM136

DATE 86/06/17

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1283

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	29 F	15.	MERCURY	.1 U
4.	BARIUM	31 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	4.1 P	18.	SELENIUM	2.6 U F
7.	CALCIUM		19.	SILVER	5.2 U P
8.	CHROMIUM	15 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	19 S F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		96

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 Kathy A Mitchell

FORM I

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

EPA SAMPLE NO.
SBC3 SSM137

DATE 86/06/17

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1284

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	16 F	15.	MERCURY	.12 U
4.	BARIUM	35 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	2.9 U P	18.	SELENIUM	2.9 U P
7.	CALCIUM		19.	SILVER	5.8 U P
8.	CHROMIUM	5.8 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	10 F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		85

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.

OMMENTS:

LAB MANAGER Kathi A. Morrell

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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.
SBC3 SSM139

DATE 86/06/17

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1286

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	23 F	15.	MERCURY	.14 U
4.	BARIUM	[76] F	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	3.4 U F	18.	SELENIUM	3.4 U F
7.	CALCIUM		19.	SILVER	6.9 U F
8.	CHROMIUM	6.9 U F	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	21 S F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		72

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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EPA SAMPLE NO.
SBC3 SSM140

DATE 86/06/17

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1297

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	19 F	15.	MERCURY	.11 U
4.	BARIUM	32 U F	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5.3 F	18.	SELENIUM	2.6 U F
7.	CALCIUM		19.	SILVER	5.3 U F
8.	CHROMIUM	11 F	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	9 S F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	94

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 Mitchell

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EPA SAMPLE NO.
SBC4 SSM144

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INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1291

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	15 F	15.	MERCURY	.13 U
4.	BARIUM	38 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	3.1 U P	18.	SELENIUM	3.1 U F
7.	CALCIUM		19.	SILVER	6.3 U P
8.	CHROMIUM	6.3 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	15 S F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	79

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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INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1293

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	21 F	15.	MERCURY	.12 U
4.	BARIUM	35 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	4.1 P	18.	SELENIUM	2.9 U F
7.	CALCIUM		19.	SILVER	5.9 U P
8.	CHROMIUM	18 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	15 F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	84

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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EPA SAMPLE NO.
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DATE 86/06/17

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1294

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	17 F	15.	MERCURY	.12 U
4.	BARIUM	35 U P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	2.9 U P	18.	SELENIUM	2.9 U F
7.	CALCIUM		19.	SILVER	5.9 U P
8.	CHROMIUM	12 P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	2.9 U F	24.	ZINC	

CYANIDE

PERCENT SOLIDS (%) 84

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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SBC1 SSM128

DATE 86/06/16

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1275

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER E.P. tox

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	240 P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 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.

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LAB MANAGER Kathi A. Mitchell

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INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 6605-1278

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER ✓ E.P. tox

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
4.	BARIUM	600 P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	11 P	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 P
8.	CHROMIUM	10 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	43 F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		

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LAB MANAGER Kathy A. Mitchell

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INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1279

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER ✓ E.P. tox

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	10 U F	15.	MERCURY	.5
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 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.

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LAB MANAGER Kathi O. Mitchell

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INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1280

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER ✓ E.P. tox

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	[150] F	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U F	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 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.

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LAB MANAGER Kathi A. Mitchell

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DATE 86/06/16

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1282

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER √E.P.tox

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
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 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.

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LAB MANAGER Kathi a. mitchell

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EPA SAMPLE NO.
SBC2 SSM136

DATE 86/06/16

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1283

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER ✓ E.P. tox

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 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.

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EPA SAMPLE NO.
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DATE 86/06/16

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1284

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER E.P. tox

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	[160] F	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	17 P	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 P
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 (%)	

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OMMENTS:

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DATE 86/06/16

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1286

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER ✓ E.P. tox

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	260 P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U P	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 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.

OMMENTS:

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EPA SAMPLE NO.
SBC3 SSM140

DATE 86/06/16

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1287

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER ✓ E.P. tox

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	[70] F	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U F	18.	SELENIUM	5 U R F
7.	CALCIUM		19.	SILVER	10 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.
SBC4 SSM144

DATE 86/06/16

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1291

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER ✓E.P. tox

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	230 F	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	5 U F	18.	SELENIUM	5 U F
7.	CALCIUM		19.	SILVER	10 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. Mathew

FORM I

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

EPA SAMPLE NO.
SBC4 SSM146

DATE 86/06/16

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1293

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER ✓E.P. tox

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 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.
SBC4 SSM147

DATE 86/06/16

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-1294

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW X MEDIUM
MATRIX: WATER X SOIL SLUDGE OTHER √ E.P. tox

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 F
8.	CHROMIUM	10 U F	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	146 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

Sample Number

SS-24

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091021
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/18/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 09/26/86
Date Analysed: 09/26/86
Conc/Dil Factor: 4000 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	40000 U	78-87-5	1,2-Dichloropropane	20000 U
74-83-9	Bromomethane	40000 U	10061-02-6	Trans-1,3-Dichloropropene	20000 U
75-01-4	Vinyl Chloride	40000 U	79-01-6	Trichloroethene	20000 U
75-00-3	Chloroethane	40000 U	124-48-1	Dibromochloromethane	20000 U
75-09-2	Methylene Chloride	380000 B	79-00-5	1,1,2-Trichloroethane	20000 U
67-64-1	Acetone	220000 B	71-43-2	Benzene	20000 U
75-15-0	Carbon Disulfide	20000 U	10061-01-5	cis-1,3-Dichloropropene	20000 U
75-35-4	1,1-Dichloroethene	20000 U	110-75-8	2-Chloroethylvinylether	40000 U
75-34-3	1,1-Dichloroethane	20000 U	75-25-2	Bromoform	20000 U
156-60-5	Trans-1,2-Dichloroethene	20000 U	108-10-1	4-Methyl-2-Pentanone	36000 J
67-66-3	Chloroform	20000 U	591-78-6	2-Hexanone	360000
107-06-2	1,2-Dichloroethane	20000 U	127-18-4	Tetrachloroethene	20000 U
78-93-3	2-Butanone	430000	79-34-5	1,1,2,2-Tetrachloroethane	20000 U
71-55-6	1,1,1-Trichloroethane	20000 U	108-88-3	Toluene	24000
56-23-5	Carbon Tetrachloride	20000 U	108-90-7	Chlorobenzene	20000 U
108-05-4	Vinyl Acetate	40000 U	100-41-4	Ethylbenzene	20000 U
75-27-4	Bromodichloromethane	20000 U	100-42-5	Styrene	20000 U
				Total Xylenes	20000 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 w 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 pos probable blank contamination and warns the 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 descr attached to the data summary report.

S Spiked Compound

NR No value required.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
SS-34

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/l
1 .	109-99-9	FURAN, TETRAHYDRO-	VOA	229	70000 J
2 .		UNKNOWN	VOA	274	600000 J
3 .					
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
15 .					
16 .					
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29 .					
30 .					

Sample Number

SS-27

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091032
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/20/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 09/26/86
Date Analyzed: 09/26/86
Conc/Dil Factor: 4000 pH NR
Percent Moisture: NR
Percent Moisture (Not Decanted): NR

CAS Number		ug/l	CAS Number		ug/l
74-87-3	Chloromethane	40000 U	78-87-5	1,2-Dichloropropane	20000 U
74-83-9	Bromomethane	40000 U	10061-02-6	Trans-1,3-Dichloropropene	20000 U
75-01-4	Vinyl Chloride	40000 U	79-01-6	Trichloroethene	20000 U
75-00-3	Chloroethane	40000 U	124-48-1	Dibromochloromethane	20000 U
75-09-2	Methylene Chloride	440000 B	79-00-5	1,1,2-Trichloroethane	20000 U
67-64-1	Acetone	230000 B	71-43-2	Benzene	20000 U
75-15-0	Carbon Disulfide	20000 U	10061-01-5	cis-1,3-Dichloropropene	20000 U
75-35-4	1,1-Dichloroethene	20000 U	110-75-8	2-Chloroethylvinylether	40000 U
75-34-3	1,1-Dichloroethane	20000 U	75-25-2	Bromoform	20000 U
156-60-5	Trans-1,2-Dichloroethene	20000 U	108-10-1	4-Methyl-2-Pentanone	31000 J
67-66-3	Chloroform	20000 U	591-78-6	2-Hexanone	240000
107-06-2	1,2-Dichloroethane	20000 U	127-18-4	Tetrachloroethene	20000 U
78-93-3	2-Butanone	420000	79-34-5	1,1,2,2-Tetrachloroethane	20000 U
71-55-6	1,1,1-Trichloroethane	20000 U	108-88-3	Toluene	25000
56-23-5	Carbon Tetrachloride	20000 U	108-90-7	Chlorobenzene	20000 U
108-05-4	Vinyl Acetate	40000 U	100-41-4	Ethylbenzene	20000 U
75-27-4	Bromodichloromethane	20000 U	100-42-5	Styrene	20000 U
				Total Xylenes	20000 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 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
SS-27

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/l
1 .	67-63-0	:2-PROPANOL	VOA	203	30000 J
* 2 .	109-99-9	FURAN, TETRAHYDRO-	VOA	230	70000 J
3 .		UNKNOWN	VOA	287	40000 J
4 .		UNKNOWN	VOA	296	2000000 J
5 .	4229-91-8	FURAN, 2-PROPYL-	VOA	322	30000 J
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
15 .					
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26 .					
27 .					
28 .					
29 .					
30 .					

Sample Number

SS-19

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091023
Sample Matrix: Water
Date Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/20/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/02/86
Date Analyzed: 10/02/86
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	8000 U	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	160000
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

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)=10ug/ml 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.

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: 09/20/86

SAMPLE IDENTIFICATION		NUS SAMPLE NO	RESULTS	UNITS
SB-34 SS-17	09/17	16091016		
OF19 HSL-Volatile Organic Acid-Soil				
SB-35 SS-6	09/17	16091017		
OF19 HSL-Volatile Organic Acid-Soil				
SB-37 SS-22	09/17	16091018		
OF19 HSL-Volatile Organic Acid-Soil				
SB-38 SS-11	09/17	16091019		
OF19 HSL-Volatile Organic Acid-Soil				
SB-38 SS-13	09/17	16091020		
OF19 HSL-Volatile Organic Acid-Soil				
SB-36 SS-24	09/18	16091021		
OF02 HSL - Volatile Organic Acids				
W116 Organic Carbon(non-purgeable)			42000	mg/l
W315 Halogens, Total Organic (TOX)			49000	ug/l
SB-36A SS-27	09/18	16091022		
OF02 HSL - Volatile Organic Acids				
W116 Organic Carbon(non-purgeable)			38500	mg/l
W315 Halogens, Total Organic (TOX)			62000	ug/l
SB-37 SS-19	09/18	16091023		
OF02 HSL - Volatile Organic Acids				
W116 Organic Carbon(non-purgeable)			49.9	mg/l
W315 Halogens, Total Organic (TOX)			300	ug/l

COMMENTS:

Reviewed and Approved by: JMC

CC INVOICE

Sample Number

SS-17

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091816
Sample Matrix: Soil
Date Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/20/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 09/24/86
Date Analyzed: 09/24/86
Conc/Dil Factor: 1.7 pH NR
Percent Moisture: 13
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
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	20 U	79-01-6	Trichloroethene	10 U
75-00-3	Chloroethane	20 U	124-48-1	Dibromochloromethane	10 U
75-09-2	Methylene Chloride	12 B	79-00-5	1,1,2-Trichloroethane	10 U
67-64-1	Acetone	210 B	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	10 U	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	13 J	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	10 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)=10ug/ml 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.

FORM I

Sample Number

SS-6

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091017
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/20/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 09/25/86
Date Analysed: 09/25/86
Conc/Dil Factor: 5 pH NR
Percent Moisture: 4
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	52 U	78-87-5	1,2-Dichloropropane	26 U
74-83-9	Bromomethane	52 U	10061-02-6	Trans-1,3-Dichloropropene	26 U
75-01-4	Vinyl Chloride	52 U	79-01-6	Trichloroethene	110
75-00-3	Chloroethane	52 U	124-48-1	Dibromochloromethane	26 U
75-09-2	Methylene Chloride	510 B	79-00-5	1,1,2-Trichloroethane	26 U
67-64-1	Acetone	130 B	71-43-2	Benzene	26 U
75-15-0	Carbon Disulfide	26 U	10061-01-5	cis-1,3-Dichloropropene	26 U
75-35-4	1,1-Dichloroethene	26 U	110-75-8	2-Chloroethylvinylether	52 U
75-34-3	1,1-Dichloroethane	26 U	75-25-2	Bromoform	26 U
156-60-5	Trans-1,2-Dichloroethene	26 U	108-10-1	4-Methyl-2-Pentanone	26 J
67-66-3	Chloroform	26 U	591-78-6	2-Hexanone	52 U
107-06-2	1,2-Dichloroethane	26 U	127-18-4	Tetrachloroethene	600
78-93-3	2-Butanone	41 J	79-34-5	1,1,2,2-Tetrachloroethane	26 U
71-55-6	1,1,1-Trichloroethane	110	108-88-3	Toluene	100
56-23-5	Carbon Tetrachloride	26 U	108-90-7	Chlorobenzene	26 U
108-05-4	Vinyl Acetate	52 U	100-41-4	Ethylbenzene	43
75-27-4	Bromodichloromethane	26 U	100-42-5	Styrene	26 U
				Total Xylenes	250

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 descrip attached to the data summary report.

S Spiked Compound

NR No value required.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
SB-6

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
1 .		UNKNOWN	VOA	626	400 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

SS-22

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16891810
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/20/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 09/26/86
Date Analyzed: 09/26/86
Conc/Dil Factor: 2.5 pH NR
Percent Moisture: 5
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	26 u	78-87-5	1,2-Dichloropropane	13 u
74-83-9	Bromomethane	26 u	10061-02-6	Trans-1,3-Dichloropropene	13 u
75-01-4	Vinyl Chloride	26 u	79-01-6	Trichloroethene	13 u
75-00-3	Chloroethane	26 u	124-48-1	Dibromochloromethane	13 u
75-09-2	Methylene Chloride	74 B	79-00-5	1,1,2-Trichloroethane	13 u
67-64-1	Acetone	230 B	71-43-2	Benzene	13 u
75-15-0	Carbon Disulfide	13 u	10061-01-5	cis-1,3-Dichloropropene	13 u
75-35-4	1,1-Dichloroethene	13 u	110-75-8	2-Chloroethylvinylether	26 u
75-34-3	1,1-Dichloroethane	13 u	75-25-2	Bromoform	13 u
156-60-5	Trans-1,2-Dichloroethene	13 u	108-10-1	4-Methyl-2-Pentanone	26 u
67-66-3	Chloroform	13 u	591-78-6	2-Hexanone	26 u
107-06-2	1,2-Dichloroethane	13 u	127-18-4	Tetrachloroethene	13 u
78-93-3	2-Butanone	16 J	79-34-5	1,1,2,2-Tetrachloroethane	13 u
71-55-6	1,1,1-Trichloroethane	13 u	108-88-3	Toluene	13 u
56-23-5	Carbon Tetrachloride	13 u	108-90-7	Chlorobenzene	13 u
108-05-4	Vinyl Acetate	26 u	100-41-4	Ethylbenzene	13 u
75-27-4	Bromodichloromethane	13 u	100-42-5	Styrene	13 u
				Total Xylenes	13 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.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
SS-23

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
1 .	76-13-1	ETHANE,1,1,2-TRICHLORO-1,2,2-TRIFLUORO-	VOA	257	700 J
2 .		UNKNOWN	VOA	391	20 J
3 .					
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
15 .					
16 .					
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25 .					
26 .					
27 .					
28 .					
29 .					
30 .					

11-7-86

Sample Number

SS-11

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: MVS CORPORATION
Lab Sample ID No: 16071019
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/30/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 10/01/86
Date Analysed: 10/01/86
Conc/Dil Factor: 40 pH NR
Percent Moisture: 0
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	40000 U	78-87-5	1,2-Dichloropropane	20000 U
74-83-9	Bromomethane	40000 U	10061-02-6	Trans-1,3-Dichloropropene	20000 U
75-01-4	Vinyl Chloride	40000 U	79-01-6	Trichloroethene	20000 U
75-00-3	Chloroethane	40000 U	124-48-1	Dibromochloromethane	20000 U
75-09-2	Methylene Chloride	11,000 ~~20000 U~~ 11-8-86	79-00-5	1,1,2-Trichloroethane	20000 U
67-64-1	Acetone	40000 U	71-43-2	Benzene	20000 U
75-15-0	Carbon Disulfide	20000 U	10061-01-5	cis-1,3-Dichloropropene	20000 U
75-35-4	1,1-Dichloroethene	20000 U	110-75-8	2-Chloroethylvinylether	40000 U
75-34-3	1,1-Dichloroethane	20000 U	75-25-2	Bromoform	20000 U
156-60-5	Trans-1,2-Dichloroethene	20000 U	108-10-1	4-Methyl-2-Pentanone	40000 U
67-66-3	Chloroform	20000 U	591-78-6	2-Hexanone	40000 U
107-06-2	1,2-Dichloroethane	20000 U	127-18-4	Tetrachloroethene	20000 U
78-93-3	2-Butanone	40000 U	79-34-5	1,1,2,2-Tetrachloroethane	20000 U
71-55-6	1,1,1-Trichloroethane	20000 U	108-88-3	Toluene	37000
56-23-5	Carbon Tetrachloride	20000 U	108-90-7	Chlorobenzene	20000 U
108-05-4	Vinyl Acetate	40000 U	100-41-4	Ethylbenzene	16000 J
75-27-4	Bromodichloromethane	20000 U	100-42-5	Styrene	20000 U
				Total Xylenes	82000

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 a 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 descriptions attached to the data summary report.

S — Spiked Compound

NR — No value required.

Sample Number

SS-13

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 14091020
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/20/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 09/26/86
Date Analyzed: 09/26/86
Conc/Dil Factor: 2.5 pH NR
Percent Moisture: 6
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	27 U	78-87-5	1,2-Dichloropropane	13 U
74-83-9	Bromomethane	27 U	10061-02-6	Trans-1,3-Dichloropropene	13 U
75-01-4	Vinyl Chloride	27 U	79-01-6	Trichloroethene	13 U
75-00-3	Chloroethane	27 U	124-48-1	Dibromochloromethane	13 U
75-09-2	Methylene Chloride	130 B	79-00-5	1,1,2-Trichloroethane	13 U
67-64-1	Acetone	570 B	71-43-2	Benzene	13 J
75-15-0	Carbon Disulfide	13 U	10061-01-5	cis-1,3-Dichloropropene	13 U
75-35-4	1,1-Dichloroethene	13 U	110-75-8	2-Chloroethylvinylether	27 U
75-34-3	1,1-Dichloroethane	13 U	75-25-2	Bromoform	13 U
156-60-5	Trans-1,2-Dichloroethene	13 U	108-10-1	4-Methyl-2-Pentanone	69
67-66-3	Chloroform	13 U	591-78-6	2-Hexanone	27 U
107-06-2	1,2-Dichloroethane	13 U	127-18-4	Tetrachloroethene	26
78-93-3	2-Butanone	170	79-34-5	1,1,2,2-Tetrachloroethane	13 U
71-55-6	1,1,1-Trichloroethane	15	108-88-3	Toluene	250
56-23-5	Carbon Tetrachloride	13 U	108-90-7	Chlorobenzene	13 U
108-05-4	Vinyl Acetate	27 U	100-41-4	Ethylbenzene	29
75-27-4	Bromodichloromethane	13 U	100-42-5	Styrene	13 U
				Total Xylenes	110

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 descrip attached to the data summary report.

S Spiked Compound

NR No value required.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
SS-13

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
1 .	76-13-1	ETHANE,1,1,2-TRICHLORO-1,2,2-TRIFLUORO-	VOA	356	400 J, B
2 .	108-20-3	PROPANE, 2-2'-OXYBIS-	VOA	380	20 J
3 .		UNKNOWN	VOA	389	10 J
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
15 .					
16 .					
17 .					
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30 .					

11-7-86

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.
NPS C-1

DATE 86/10/27

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1242

CASE NO. HUK-I
QC REPORT NO. HUK-

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	16 * F	15.	MERCURY	.12 U R
4.	BARIUM	[98] * P	16.	NICKEL	19 U
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	3.1 U P	18.	SELENIUM	3.1 U
7.	CALCIUM		19.	SILVER	6.1 U
8.	CHROMIUM	26 R P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	657 R P	22.	TIN	
11.	IRON	68300 P	23.	VANADIUM	
12.	LEAD	159 P	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	81

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 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.
NPS C-2

DATE 86/10/27

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1243

CASE NO. HUK-I
QC REPORT NO. HUK-

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	6.1 * F	15.	MERCURY	.12 U R
4.	BARIUM	[55] * P	16.	NICKEL	19 U
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	3.1 U P	18.	SELENIUM	3.1 U
7.	CALCIUM		19.	SILVER	6.1 U
8.	CHROMIUM	12 R P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	41 R P	22.	TIN	
11.	IRON	30900 P	23.	VANADIUM	
12.	LEAD	29 + F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		81

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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.
NPS C-3

DATE 86/10/27

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1244

CASE NO. HUK-I
QC REPORT NO. HUK-I

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	9.6 * F	15.	MERCURY	.11 U R
4.	BARIUM	[45] * P	16.	NICKEL	35
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	3.4 P	18.	SELENIUM	2.8 U
7.	CALCIUM		19.	SILVER	5.6 U
8.	CHROMIUM	17 R P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	26 P	22.	TIN	
11.	IRON	39400 F	23.	VANADIUM	
12.	LEAD	17 F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		88

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 M 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.
NPS ~~C-3~~ C-4

DATE 86/10/27

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1245

CASE NO. HUK-I
QC REPORT NO. HUK-1

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	38 * F	15.	MERCURY	.12 R
4.	BARIUM	[98] * P	16.	NICKEL	35
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	4.9 P	18.	SELENIUM	3.1 U
7.	CALCIUM		19.	SILVER	6.1 U
8.	CHROMIUM	31 U R P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	203 P	22.	TIN	
11.	IRON	67600 P	23.	VANADIUM	
12.	LEAD	92 + F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		81

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 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.
NPS C-5

DATE 86/10/27

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1246

CASE NO. HUK-I
QC REPORT NO. HUK-

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	14 * F	15.	MERCURY	.12 U R
4.	BARIUM	[54] * P	16.	NICKEL	54
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	3 U P	18.	SELENIUM	3 U
7.	CALCIUM		19.	SILVER	6 U
8.	CHROMIUM	38 R P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	110 P	22.	TIN	
11.	IRON	33800 P	23.	VANADIUM	
12.	LEAD	88 + F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		82

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 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.
NPS C-6

DATE 86/10/27

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8610-1247

CASE NO. HUK-I
QC REPORT NO. HUK-I

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	11 * F	15.	MERCURY	.11 U R
4.	BARIUM	[51] * P	16.	NICKEL	30
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	2.8 U P	18.	SELENIUM	2.8 U
7.	CALCIUM		19.	SILVER	5.7 U
8.	CHROMIUM	15 R P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER	27 R P	22.	TIN	
11.	IRON	28700 P	23.	VANADIUM	
12.	LEAD	15 S F	24.	ZINC	
CYANIDE			PERCENT SOLIDS (%)		87

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 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.
PH-1

DATE 86/05/05

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0421

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	17 F	15.	MERCURY	.12 U
4.	BARIUM	[59] P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	7.1 P	18.	SELENIUM	2.9 U R F
7.	CALCIUM		19.	SILVER	5.9 U R P
8.	CHROMIUM	5.9 U P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	44 R F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	84

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

EPA SAMPLE NO.

PH3 ION

DATE 86/05/28

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0886

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	14 F	15.	MERCURY	.13 U
4.	BARIUM	[53] P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	3.3 U P	18.	SELENIUM	3.3 U R F
7.	CALCIUM		19.	SILVER	9.9 P
8.	CHROMIUM	32 R P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	20 * F	24.	ZINC	

CYANIDE

PERCENT SOLIDS (%) 76

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.

JMMENTS:

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.
PH2+3COMPOSITE

DATE 86/05/28

INORGANIC ANALYSIS DATA SHEET

LAB NAME WILSON LABORATORIES
SOW NO. 784
LAB SAMPLE ID. NO. 8605-0885

CASE NO. HUKILL
QC REPORT NO. HUKILL

ELEMENTS IDENTIFIED AND MEASURED

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

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

1.	ALUMINUM		13.	MAGNESIUM	
2.	ANTIMONY		14.	MANGANESE	
3.	ARSENIC	21 F	15.	MERCURY	.12 U
4.	BARIUM	[99] P	16.	NICKEL	
5.	BERYLLIUM		17.	POTASSIUM	
6.	CADMIUM	7 P	18.	SELENIUM	2.9 U R F
7.	CALCIUM		19.	SILVER	5.8 U P
8.	CHROMIUM	324 R P	20.	SODIUM	
9.	COBALT		21.	THALLIUM	
10.	COPPER		22.	TIN	
11.	IRON		23.	VANADIUM	
12.	LEAD	72 S * F	24.	ZINC	
	CYANIDE			PERCENT SOLIDS (%)	86

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

Sample Number

SS-122

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 14188114
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/02/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/13/86
Date Analysed: 10/13/86
Conc/Dil Factor: 1 pH NR
Percent Moisture: 13
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	11 U	78-87-5	1,2-Dichloropropane	5 U
74-83-9	Bromomethane	11 U	10061-02-6	Trans-1,3-Dichloropropene	5 U
75-01-4	Vinyl Chloride	11 U	79-01-6	Trichloroethene	5 U
75-00-3	Chloroethane	11 U	124-48-1	Dibromochloromethane	5 U
75-09-2	Methylene Chloride	89 B	79-00-5	1,1,2-Trichloroethane	5 U
67-64-1	Acetone	44 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	11 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	11 U
67-66-3	Chloroform	5 U	591-78-6	2-Hexanone	11 U
107-06-2	1,2-Dichloroethane	5 U	127-18-4	Tetrachloroethene	5 U
78-93-3	2-Butanone	11 U	79-34-5	1,1,2,2-Tetrachloroethane	5 U
71-55-6	1,1,1-Trichloroethane	5 U	108-88-3	Toluene	1 J,B
56-23-5	Carbon Tetrachloride	5 U	108-90-7	Chlorobenzene	5 U
108-05-4	Vinyl Acetate	11 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.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
SS-123

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
1 .	76-13-1	ETHANE, 1,1,2-TRICHLORO-1,2,2-TRIFLUORO-	VOA	339	180 J,B
2 .					
3 .					
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
15 .					
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26 .					
27 .					
28 .					
29 .					
30 .					

Sample Number

SS-123

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16100115
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/02/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/13/86
Date Analyzed: 10/13/86
Conc/Dil Factor: 1 pH NR
Percent Moisture: 12
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	11 U	78-87-5	1,2-Dichloropropane	5 U
74-83-9	Bromomethane	11 U	10061-02-6	Trans-1,3-Dichloropropene	5 U
75-01-4	Vinyl Chloride	11 U	79-01-6	Trichloroethene	5 U
75-00-3	Chloroethane	11 U	124-48-1	Dibromochloromethane	5 U
75-09-2	Methylene Chloride	48 B	79-00-5	1,1,2-Trichloroethane	5 U
67-64-1	Acetone	78 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	11 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	11 U
67-66-3	Chloroform	21	591-78-6	2-Hexanone	11 U
107-06-2	1,2-Dichloroethane	5 U	127-18-4	Tetrachloroethene	5 U
78-93-3	2-Butanone	11 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	11 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.

Ine 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 th 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.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
SS-133

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
1 .	76-13-1	ETHANE, 1,1,2-TRICHLORO-1,2,2-TRIFLUORO-	VOA	236	20 J,B
2 .	1066-40-6	SILANOL,TRIMETHYL-	VOA	284	6 J,B
3 .	108-20-3	PROPANE, 2,2'-OXYBIS-	VOA	367	40 J
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
15 .					
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27 .					
28 .					
29 .					
30 .					

Sample Number

SS-124

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16100116
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDEN ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/02/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/14/86
Date Analyzed: 10/14/86
Conc/Dil Factor: 1 pH NR
Percent Moisture: 14
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	12 u	78-87-5	1,2-Dichloropropane	6 u
74-83-9	Bromomethane	12 u	10061-02-6	Trans-1,3-Dichloropropene	6 u
75-01-4	Vinyl Chloride	12 u	79-01-6	Trichloroethene	6 u
75-00-3	Chloroethane	12 u	124-48-1	Dibromochloromethane	6 u
75-09-2	Methylene Chloride	18 B	79-00-5	1,1,2-Trichloroethane	6 u
67-64-1	Acetone	38 B	71-43-2	Benzene	6 u
75-15-0	Carbon Disulfide	6 u	10061-01-5	cis-1,3-Dichloropropene	6 u
75-35-4	1,1-Dichloroethene	6 u	110-75-8	2-Chloroethylvinylether	12 u
75-34-3	1,1-Dichloroethane	6 u	75-25-2	Bromoform	6 u
156-60-5	Trans-1,2-Dichloroethene	6 u	108-10-1	4-Methyl-2-Pentanone	12 u
67-66-3	Chloroform	6 u	591-78-6	2-Hexanone	12 u
107-06-2	1,2-Dichloroethane	6 u	127-18-4	Tetrachloroethene	6 u
78-93-3	2-Butanone	12 u	79-34-5	1,1,2,2-Tetrachloroethane	6 u
71-55-6	1,1,1-Trichloroethane	6 u	108-88-3	Toluene	15 B
56-23-5	Carbon Tetrachloride	6 u	108-90-7	Chlorobenzene	6 u
108-05-4	Vinyl Acetate	12 u	100-41-4	Ethylbenzene	6 u
75-27-4	Bromodichloromethane	6 u	100-42-5	Styrene	6 u
				Total Xylenes	6 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.

lue 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 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.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
SS-124

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
1 .	1066-40-6	SILANOL,TRIMETHYL-	VOA	284	10 J,B
2 .					
3 .					
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
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Sample Number

SS-124 RA

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 14100114RA
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/02/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/14/86
Date Analysed: 10/14/86
Conc/Dil Factor: 1 pH NR
Percent Moisture: 14
Percent Moisture (Not Decanted): NR

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

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
SS-124 RA

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
1 .	76-13-1	ETHANE, 1,1,2-TRICHLORO-1,2,2-TRIFLUORO-	VOA	334	100 J,B
2 .	1066-40-6	SILANOL,TRIMETHYL-	VOA	382	10 J,B
3 .		UNKNOWN	VOA	538	7 J
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
15 .					
16 .					
17 .					
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26 .					
27 .					
28 .					
29 .					
30 .					

Sample Number

SS-124 DUP

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16100117
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/02/86

Volatile Compounds
Concentration: Low
Date Extracted/Prepared: 10/13/86
Date Analysed: 10/13/86
Conc/Dil Factor: 5 pH NR
Percent Moisture: 16
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	60 u	78-87-5	1,2-Dichloropropane	30 u
74-83-9	Bromomethane	60 u	10061-02-6	Trans-1,3-Dichloropropene	30 u
75-01-4	Vinyl Chloride	60 u	79-01-6	Trichloroethene	30 u
75-00-3	Chloroethane	60 u	124-48-1	Dibromochloromethane	30 u
75-09-2	Methylene Chloride	77 B	79-00-5	1,1,2-Trichloroethane	30 u
67-64-1	Acetone	100 B	71-43-2	Benzene	30 u
75-15-0	Carbon Disulfide	30 u	10061-01-5	cis-1,3-Dichloropropene	30 u
75-35-4	1,1-Dichloroethene	30 u	110-75-8	2-Chloroethylvinylether	60 u
75-34-3	1,1-Dichloroethane	30 u	75-25-2	Bromoform	30 u
156-60-5	Trans-1,2-Dichloroethene	30 u	108-10-1	4-Methyl-2-Pentanone	60 u
67-66-3	Chloroform	30 u	591-78-6	2-Hexanone	60 u
107-06-2	1,2-Dichloroethane	30 u	127-18-4	Tetrachloroethene	30 u
78-93-3	2-Butanone	60 u	79-34-5	1,1,2,2-Tetrachloroethane	30 u
71-55-6	1,1,1-Trichloroethane	30 u	108-88-3	Toluene	30 u
56-23-5	Carbon Tetrachloride	30 u	108-90-7	Chlorobenzene	30 u
108-05-4	Vinyl Acetate	60 u	100-41-4	Ethylbenzene	30 u
75-27-4	Bromodichloromethane	30 u	100-42-5	Styrene	30 u
				Total Xylenes	30 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 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 th 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.

FORM I

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
SS-124 DUP

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
1 .	1066-40-6	SILANOL, TRIMETHYL-	VOA	281	40 J,B
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

SS-124 DUP RA

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16100117RA
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/02/86

Volatile Compounds
Concentration: Low
Date Extracted/Prepared: 10/14/86
Date Analyzed: 10/14/86
Conc/Dil Factor: 1 pH NR
Percent Moisture: 16
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	12 U	78-87-5	1,2-Dichloropropane	6 U
74-83-9	Bromomethane	12 U	10061-02-6	Trans-1,3-Dichloropropene	6 U
75-01-4	Vinyl Chloride	12 U	79-01-6	Trichloroethene	6 U
75-00-3	Chloroethane	12 U	124-48-1	Dibromochloromethane	6 U
75-09-2	Methylene Chloride	11 B	79-00-5	1,1,2-Trichloroethane	6 U
67-64-1	Acetone	32 B	71-43-2	Benzene	6 U
75-15-0	Carbon Disulfide	6 U	10061-01-5	cis-1,3-Dichloropropene	6 U
75-35-4	1,1-Dichloroethene	6 U	110-75-8	2-Chloroethylvinylether	12 U
75-34-3	1,1-Dichloroethane	6 U	75-25-2	Bromoform	6 U
156-60-5	Trans-1,2-Dichloroethene	6 U	108-10-1	4-Methyl-2-Pentanone	12 U
67-66-3	Chloroform	6 U	591-78-6	2-Hexanone	12 U
107-06-2	1,2-Dichloroethane	6 U	127-18-4	Tetrachloroethene	6 U
78-93-3	2-Butanone	12 U	79-34-5	1,1,2,2-Tetrachloroethane	6 U
71-55-6	1,1,1-Trichloroethane	6 U	108-88-3	Toluene	6 U
56-23-5	Carbon Tetrachloride	6 U	108-90-7	Chlorobenzene	6 U
108-05-4	Vinyl Acetate	12 U	100-41-4	Ethylbenzene	6 U
75-27-4	Bromodichloromethane	6 U	100-42-5	Styrene	6 U
				Total Xylenes	6 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)=10ug/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.

FORM I

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
SS-124 DUP RA

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
1 .	1066-40-6	SILANOL,TRIMETHYL-	VOA	283	9 J,B
2 .		UNKNOWN	VOA	446	10 J
3 .					
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
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27 .					
28 .					
29 .					
30 .					

Sample Number

SS-124 BLANK

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16180119
Sample Matrix: Water
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/02/86

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	29 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.

Ivo 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

SS-126

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16100118
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 10/02/86

Volatile Compounds
Concentration: Low
Date Extracted/Prepared: 10/13/86
Date Analysed: 10/13/86
Conc/Dil Factor: 5 pH NR
Percent Moisture: 14
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	58 u	78-87-5	1,2-Dichloropropane	29 u
74-83-9	Bromomethane	58 u	10061-02-6	Trans-1,3-Dichloropropene	29 u
75-01-4	Vinyl Chloride	58 u	79-01-6	Trichloroethene	29 u
75-00-3	Chloroethane	58 u	124-48-1	Dibromochloromethane	29 u
75-09-2	Methylene Chloride	37 B	79-00-5	1,1,2-Trichloroethane	29 u
67-64-1	Acetone	82 B	71-43-2	Benzene	29 u
75-15-0	Carbon Disulfide	29 u	10061-01-5	cis-1,3-Dichloropropene	29 u
75-35-4	1,1-Dichloroethene	29 u	110-75-8	2-Chloroethylvinylether	58 u
75-34-3	1,1-Dichloroethane	29 u	75-25-2	Bromoform	29 u
156-60-5	Trans-1,2-Dichloroethene	29 u	108-10-1	4-Methyl-2-Pentanone	58 u
67-66-3	Chloroform	29 u	591-78-6	2-Hexanone	58 u
107-06-2	1,2-Dichloroethane	29 u	127-18-4	Tetrachloroethene	29 u
78-93-3	2-Butanone	58 u	79-34-5	1,1,2,2-Tetrachloroethane	29 u
71-55-6	1,1,1-Trichloroethane	29 u	108-88-3	Toluene	29 u
56-23-5	Carbon Tetrachloride	29 u	108-90-7	Chlorobenzene	29 u
108-05-4	Vinyl Acetate	58 u	100-41-4	Ethylbenzene	29 u
75-27-4	Bromodichloromethane	29 u	100-42-5	Styrene	29 u
				Total Xylenes	29 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.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
SS-136

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
1.	1066-40-6	SILANOL,TRIMETHYL-	VOA	283	60 J,B
2.	108-20-3	PROPANE, 2,2'-OXYBIS-	VOA	366	1000 J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
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14.					
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16.					
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18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Sample Number

SS-117

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16891575
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDEN ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/27/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/06/86
Date Analyzed: 10/06/86
Conc/Dil Factor: 5 pH NR
Percent Moisture: 16
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	12 U	78-87-5	1,2-Dichloropropane	6 U
74-83-9	Bromomethane	12 U	10061-02-6	Trans-1,3-Dichloropropene	6 U
75-01-4	Vinyl Chloride	12 U	79-01-6	Trichloroethene	6 U
75-00-3	Chloroethane	12 U	124-48-1	Dibromochloromethane	6 U
75-09-2	Methylene Chloride	88 B	79-00-5	1,1,2-Trichloroethane	6 U
67-64-1	Acetone	85 B	71-43-2	Benzene	6 U
75-15-0	Carbon Disulfide	6 U	10061-01-5	cis-1,3-Dichloropropene	6 U
75-35-4	1,1-Dichloroethene	6 U	110-75-8	2-Chloroethylvinylether	12 U
75-34-3	1,1-Dichloroethane	6 U	75-25-2	Bromoform	6 U
156-60-5	Trans-1,2-Dichloroethene	6 U	108-10-1	4-Methyl-2-Pentanone	12 U
67-66-3	Chloroform	6 U	591-78-6	2-Hexanone	12 U
107-06-2	1,2-Dichloroethane	6 U	127-18-4	Tetrachloroethene	6 U
78-93-3	2-Butanone	12 U	79-34-5	1,1,2,2-Tetrachloroethane	6 U
71-55-6	1,1,1-Trichloroethane	6 U	108-88-3	Toluene	38 B
56-23-5	Carbon Tetrachloride	6 U	108-90-7	Chlorobenzene	6 U
108-05-4	Vinyl Acetate	12 U	100-41-4	Ethylbenzene	6 U
75-27-4	Bromodichloromethane	6 U	100-42-5	Styrene	6 U
				Total Xylenes	6 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.

V 'ue — 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.

FORM I

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
SS-117

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
1 .	108-20-3	PROPANE, 2-2'-OXYBIS-	VOA	395	2000 J
2 .					
3 .					
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
15 .					
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17 .					
18 .					
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27 .					
28 .					
29 .					
30 .					

Sample Number

SS-118

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16891374
Sample Matrix: Soil
Date Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/27/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/06/86
Date Analysed: 10/06/86
Conc/Dil Factor: 5 pH NR
Percent Moisture: 14
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	12 U	78-87-5	1,2-Dichloropropane	6 U
74-83-9	Bromomethane	12 U	10061-02-6	Trans-1,3-Dichloropropene	6 U
75-01-4	Vinyl Chloride	12 U	79-01-6	Trichloroethene	6 U
75-00-3	Chloroethane	12 U	124-48-1	Dibromochloromethane	6 U
75-09-2	Methylene Chloride	78 B	79-00-5	1,1,2-Trichloroethane	6 U
67-64-1	Acetone	76 B	71-43-2	Benzene	6 U
75-15-0	Carbon Disulfide	6 U	10061-01-5	cis-1,3-Dichloropropene	6 U
75-35-4	1,1-Dichloroethene	6 U	110-75-8	2-Chloroethylvinylether	12 U
75-34-3	1,1-Dichloroethane	6 U	75-25-2	Bromoform	6 U
156-60-5	Trans-1,2-Dichloroethene	6 U	108-10-1	4-Methyl-2-Pentanone	12 U
67-66-3	Chloroform	6 U	591-78-6	2-Hexanone	12 U
107-06-2	1,2-Dichloroethane	6 U	127-18-4	Tetrachloroethene	6 U
78-93-3	2-Butanone	12 U	79-34-5	1,1,2,2-Tetrachloroethane	6 U
71-55-6	1,1,1-Trichloroethane	6 U	108-88-3	Toluene	27 B
56-23-5	Carbon Tetrachloride	6 U	108-90-7	Chlorobenzene	6 U
108-05-4	Vinyl Acetate	12 U	100-41-4	Ethylbenzene	6 U
75-27-4	Bromodichloromethane	6 U	100-42-5	Styrene	6 U
				Total Xylenes	6 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 th 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

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
SS-118

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
1 .	108-20-3	PROPANE, 2-2'-OXYBIS-	VOA	394	2000 J
2 .					
3 .					
4 .					
5 .					
6 .					
7 .					
8 .					
9 .					
10 .					
11 .					
12 .					
13 .					
14 .					
15 .					
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28 .					
29 .					
30 .					

Sample Number

SS-114

Organics Analysis Data Sheet

(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091573
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/27/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/06/86
Date Analysed: 10/06/86
Conc/Dil Factor: 1 pH NR
Percent Moisture: 13
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	11 U	78-87-5	1,2-Dichloropropane	5 U
74-83-9	Bromomethane	11 U	10061-02-6	Trans-1,3-Dichloropropene	5 U
75-01-4	Vinyl Chloride	11 U	79-01-6	Trichloroethene	5 U
75-00-3	Chloroethane	11 U	124-48-1	Dibromochloromethane	5 U
75-09-2	Methylene Chloride	12 B	79-00-5	1,1,2-Trichloroethane	5 U
67-64-1	Acetone	22 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	11 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	11 U
67-66-3	Chloroform	5 U	591-78-6	2-Hexanone	11 U
107-06-2	1,2-Dichloroethane	5 U	127-18-4	Tetrachloroethene	5 U
78-93-3	2-Butanone	11 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,B
56-23-5	Carbon Tetrachloride	5 U	108-90-7	Chlorobenzene	5 U
108-05-4	Vinyl Acetate	11 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

PH-1

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050017
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/01/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 05/08/86
Date Analyzed: 05/08/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: 8
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	11 u
74-83-9	Bromomethane	11 u
75-01-4	Vinyl Chloride	11 u
75-00-3	Chloroethane	11 u
75-09-2	Methylene Chloride	12 B
67-64-1	Acetone	24 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	11 u
71-55-6	1,1,1-Trichloroethane	5 u
56-23-5	Carbon Tetrachloride	5 u
108-05-4	Vinyl Acetate	11 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 PH-1

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
		**********
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	11 u
75-25-2	Bromoform	5 u
108-10-1	4-Methyl-2-Pentanone	11 u
591-78-6	2-Hexanone	11 u
127-18-4	Tetrachlorethene	5 u
79-34-5	1,1,2,2-Tetrachloroethane	5 u
108-88-3	Toluene	2 B,J
108-90-7	Chlorobenzene	5 u
100-41-4	Ethylbenzene	5 u
100-42-5	Styrene	5 u
	Total Xylenes	1 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 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.

- Spiked compound

NR - No value required.

Sample Number

PH 2-3

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16050018
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 05/01/86

****

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 05/08/86
Date Analyzed: 05/08/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: 18
Percent Moisture (Decanted): NR

CAS Number		ug/kg
74-87-3	Chloromethane	12 u
74-83-9	Bromomethane	12 u
75-01-4	Vinyl Chloride	12 u
75-00-3	Chloroethane	12 u
75-09-2	Methylene Chloride	15 B
67-64-1	Acetone	23 B
75-15-0	Carbon Disulfide	6 u
75-35-4	1,1-Dichloroethene	6 u
75-34-3	1,1-Dichloroethane	6 u
156-60-5	Trans-1,2-Dichloroethene	6 u
67-66-3	Chloroform	6 u
107-06-2	1,2-Dichloroethane	6 u
78-93-3	2-Butanone	12 u
71-55-6	1,1,1-Trichloroethane	6 u
56-23-5	Carbon Tetrachloride	6 u
108-05-4	Vinyl Acetate	12 u
75-27-4	Bromodichloromethane	6 u

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

Laboratory Name: NUS CORPORATION Sample Number
Case No: EDER ASSOCIATES PH 2-3

Organics Analysis Data Sheet
(Page 2)

Volatile Compounds (continued)

CAS Number		ug/kg
78-87-5	1,2-Dichloropropane	6 u
10061-02-6	Trans-1,3-Dichloropropene	6 u
79-01-6	Trichloroethene	6 u
124-48-1	Dibromochloromethane	6 u
* 79-00-5	1,1,2-Trichloroethane	6 u
71-43-2	Benzene	6 u
10061-01-5	cis-1,3-Dichloropropene	6 u
110-75-8	2-Chloroethylvinylether	12 u
75-25-2	Bromoform	6 u
108-10-1	4-Methyl-2-Pentanone	2 B,J
591-78-6	2-Hexanone	12 u
127-18-4	Tetrachlorethene	6 u
79-34-5	1,1,2,2-Tetrachloroethane	6 u
108-88-3	Toluene	2 B,J
108-90-7	Chlorobenzene	6 u
100-41-4	Ethylbenzene	6 u
100-42-5	Styrene	6 u
	Total Xylenes	3 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 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.

- Spiked compound.

..d - No value required.

Sample Number

55-19

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091655
Sample Matrix: Soil
Data Release Authorized By:

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

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 10/15/86
Date Analyzed: 10/15/86
Conc/Dil Factor: 80 pH NR
Percent Moisture: 14
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	93000 U	78-87-5	1,2-Dichloropropane	46500 U
74-83-9	Bromomethane	93000 U	10061-02-6	Trans-1,3-Dichloropropene	46500 U
75-01-4	Vinyl Chloride	93000 U	79-01-6	Trichloroethene	46500 U
75-00-3	Chloroethane	93000 U	124-48-1	Dibromochloromethane	46500 U
75-09-2	Methylene Chloride	41000 B,J	79-00-5	1,1,2-Trichloroethane	46500 U
67-64-1	Acetone	93000 U	71-43-2	Benzene	46500 U
75-15-0	Carbon Disulfide	46500 U	10061-01-5	cis-1,3-Dichloropropene	46500 U
75-35-4	1,1-Dichloroethene	46500 U	110-75-8	2-Chloroethylvinylether	93000 U
75-34-3	1,1-Dichloroethane	46500 U	75-25-2	Bromoform	46500 U
156-60-5	Trans-1,2-Dichloroethene	46500 U	108-10-1	4-Methyl-2-Pentanone	93000 U
67-66-3	Chloroform	46500 U	591-78-6	2-Hexanone	93000 U
107-06-2	1,2-Dichloroethane	46500 U	127-18-4	Tetrachloroethene	46500 U
78-93-3	2-Butanone	93000 U	79-34-5	1,1,2,2-Tetrachloroethane	46500 U
71-55-6	1,1,1-Trichloroethane	46500 U	108-88-3	Toluene	17000 J
56-23-5	Carbon Tetrachloride	46500 U	108-90-7	Chlorobenzene	46500 U
108-05-4	Vinyl Acetate	93000 U	100-41-4	Ethylbenzene	9000 J
75-27-4	Bromodichloromethane	46500 U	100-42-5	Styrene	46500 U
				Total Xylenes	79000

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 here 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)>10ug/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

SS-41

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091369
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/25/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 10/04/86
Date Analysed: 10/04/86
Conc/Dil Factor: 40 pH NR
Percent Moisture: 22
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	51000 U	78-87-5	1,2-Dichloropropane	25500 U
74-83-9	Bromomethane	51000 U	10061-02-6	Trans-1,3-Dichloropropene	25500 U
75-01-4	Vinyl Chloride	51000 U	79-01-6	Trichloroethene	25500 U
75-00-3	Chloroethane	51000 U	124-48-1	Dibromochloromethane	25500 U
75-09-2	Methylene Chloride	51000 B	79-00-5	1,1,2-Trichloroethane	25500 U
67-64-1	Acetone	51000 U	71-43-2	Benzene	25500 U
75-15-0	Carbon Disulfide	25500 U	10061-01-5	cis-1,3-Dichloropropene	25500 U
75-35-4	1,1-Dichloroethene	25500 U	110-75-8	2-Chloroethylvinylether	51000 U
75-34-3	1,1-Dichloroethane	25500 U	75-25-2	Bromoform	25500 U
156-60-5	Trans-1,2-Dichloroethene	18000 J	108-10-1	4-Methyl-2-Pentanone	51000 U
67-66-3	Chloroform	25500 U	591-78-6	2-Hexanone	51000 U
107-06-2	1,2-Dichloroethane	25500 U	127-18-4	Tetrachloroethene	25500 U
78-93-3	2-Butanone	51000 U	79-34-5	1,1,2,2-Tetrachloroethane	25500 U
71-55-6	1,1,1-Trichloroethane	25500 U	108-88-3	Toluene	230000
56-23-5	Carbon Tetrachloride	25500 U	108-90-7	Chlorobenzene	25500 U
108-05-4	Vinyl Acetate	51000 U	100-41-4	Ethylbenzene	230000
75-27-4	Bromodichloromethane	25500 U	100-42-5	Styrene	25500 U
				Total Xylenes	1000000

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 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 us they must be fully described and such descripti attached to the data summary report.

S Spiked Compound

NR No value required.

Sample Number

SS-43

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091370
Sample Matrix: Soil
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: 10/04/86
Date Analyzed: 10/04/86
Conc/Dil Factor: 5 pH NR
Percent Moisture: 3
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	52 U	78-87-5	1,2-Dichloropropane	26 U
74-83-9	Bromomethane	52 U	10061-02-6	Trans-1,3-Dichloropropene	26 U
75-01-4	Vinyl Chloride	52 U	79-01-6	Trichloroethene	26 U
75-00-3	Chloroethane	52 U	124-48-1	Dibromochloromethane	26 U
75-09-2	Methylene Chloride	51 B	79-00-5	1,1,2-Trichloroethane	26 U
67-64-1	Acetone	98 B	71-43-2	Benzene	26 U
75-15-0	Carbon Disulfide	26 U	10061-01-5	cis-1,3-Dichloropropene	26 U
75-35-4	1,1-Dichloroethene	26 U	110-75-8	2-Chloroethylvinylether	52 U
75-34-3	1,1-Dichloroethane	26 U	75-25-2	Bromoform	26 U
156-60-5	Trans-1,2-Dichloroethene	80	108-10-1	4-Methyl-2-Pentanone	52 U
67-66-3	Chloroform	26 U	591-78-6	2-Hexanone	52 U
107-06-2	1,2-Dichloroethane	26 U	127-18-4	Tetrachloroethene	26 U
78-93-3	2-Butanone	38 J	79-34-5	1,1,2,2-Tetrachloroethane	26 U
71-55-6	1,1,1-Trichloroethane	26 U	108-88-3	Toluene	81 B
56-23-5	Carbon Tetrachloride	26 U	108-90-7	Chlorobenzene	26 U
108-05-4	Vinyl Acetate	52 U	100-41-4	Ethylbenzene	27
75-27-4	Bromodichloromethane	26 U	100-42-5	Styrene	26 U
				Total Xylenes	228

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.

Laboratory Name: NUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
SS-45

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
1 .	1066-40-6	SILANOL, TRIMETHYL-	VOA	297	30 J,B
2 .		UNKNOWN	VOA	357	40 J
3 .					
4 .	110-54-3	HEXANE	VOA	389	60 J
5 .		UNKNOWN	VOA	449	50 J
6 .	591-76-4	HEXANE, 2-METHYL-	VOA	459	30 J
7 .		UNKNOWN	VOA	542	40 J
8 .		UNKNOWN	VOA	551	30 J
9 .					
10 .					
11 .					
12 .					
13 .					
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30 .					

Sample Number

SS-30

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091371
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/25/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 10/04/86
Date Analysed: 10/04/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: 10
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	1200 U	78-87-5	1,2-Dichloropropane	600 U
74-83-9	Bromomethane	1200 U	10061-02-6	Trans-1,3-Dichloropropene	600 U
75-01-4	Vinyl Chloride	1200 U	79-01-6	Trichloroethene	600 U
75-00-3	Chloroethane	1200 U	124-48-1	Dibromochloromethane	600 U
75-09-2	Methylene Chloride	3400 B	79-00-5	1,1,2-Trichloroethane	600 U
67-64-1	Acetone	4000 B	71-43-2	Benzene	600 U
75-15-0	Carbon Disulfide	600 U	10061-01-5	cis-1,3-Dichloropropene	600 U
75-35-4	1,1-Dichloroethene	600 U	110-75-8	2-Chloroethylvinylether	1200 U
75-34-3	1,1-Dichloroethane	600 U	75-25-2	Bromoform	600 U
156-60-5	Trans-1,2-Dichloroethene	600 U	108-10-1	4-Methyl-2-Pentanone	1200 U
67-66-3	Chloroform	600 U	591-78-6	2-Hexanone	1200 U
107-06-2	1,2-Dichloroethane	600 U	127-18-4	Tetrachloroethene	600 U
78-93-3	2-Butanone	4900 B	79-34-5	1,1,2,2-Tetrachloroethane	600 U
71-55-6	1,1,1-Trichloroethane	600 U	108-88-3	Toluene	12000
56-23-5	Carbon Tetrachloride	600 U	108-90-7	Chlorobenzene	600 U
108-05-4	Vinyl Acetate	1200 U	100-41-4	Ethylbenzene	2700
75-27-4	Bromodichloromethane	600 U	100-42-5	Styrene	600 U
				Total Xylenes	5200

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>10ug/ml in the final extract should be confirmed by GC/MS.

B This flag is used when the analyte is found in a 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

SS-52

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16091372
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/25/86

Volatile Compounds

Concentration: Medium
Date Extracted/Prepared: 10/04/86
Date Analyzed: 10/04/86
Conc/Dil Factor: 1.0 pH NR
Percent Moisture: 15
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	1200 U	78-87-5	1,2-Dichloropropane	600 U
74-83-9	Bromomethane	1200 U	10061-02-6	Trans-1,3-Dichloropropene	600 U
75-01-4	Vinyl Chloride	1200 U	79-01-6	Trichloroethene	600 U
75-00-3	Chloroethane	1200 U	124-48-1	Dibromochloromethane	600 U
75-09-2	Methylene Chloride	2600 B	79-00-5	1,1,2-Trichloroethane	600 U
67-64-1	Acetone	3900 B	71-43-2	Benzene	600 U
75-15-0	Carbon Disulfide	600 U	10061-01-5	cis-1,3-Dichloropropene	600 U
75-35-4	1,1-Dichloroethene	600 U	110-75-8	2-Chloroethylvinylether	1200 U
75-34-3	1,1-Dichloroethane	600 U	75-25-2	Bromoform	600 U
156-60-5	Trans-1,2-Dichloroethene	600 U	108-10-1	4-Methyl-2-Pentanone	1200 U
67-66-3	Chloroform	600 U	591-78-6	2-Hexanone	1200 U
107-06-2	1,2-Dichloroethane	600 U	127-18-4	Tetrachloroethene	600 U
78-93-3	2-Butanone	4900 B	79-34-5	1,1,2,2-Tetrachloroethane	600 U
71-55-6	1,1,1-Trichloroethane	600 U	108-88-3	Toluene	600 U
56-23-5	Carbon Tetrachloride	600 U	108-90-7	Chlorobenzene	600 U
108-05-4	Vinyl Acetate	1200 U	100-41-4	Ethylbenzene	600 U
75-27-4	Bromodichloromethane	600 U	100-42-5	Styrene	600 U
				Total Xylenes	600 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

SS-60

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 14071373
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/25/86

Volatile Compounds

Concentration: Low
Date Extracted/Prepared: 10/05/86
Date Analyzed: 10/05/86
Conc/Dil Factor: 1.7 pH NR
Percent Moisture: 3
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	18 U	78-87-5	1,2-Dichloropropane	9 U
74-83-9	Bromomethane	18 U	10061-02-6	Trans-1,3-Dichloropropene	9 U
75-01-4	Vinyl Chloride	18 U	79-01-6	Trichloroethene	9 U
75-00-3	Chloroethane	18 U	124-48-1	Dibromochloromethane	9 U
75-09-2	Methylene Chloride	17 B	79-00-5	1,1,2-Trichloroethane	9 U
67-64-1	Acetone	48 47 B	71-43-2	Benzene	9 U
75-15-0	Carbon Disulfide	9 U	10061-01-5	cis-1,3-Dichloropropene	9 U
75-35-4	1,1-Dichloroethene	9 U	110-75-8	2-Chloroethylvinylether	18 U
75-34-3	1,1-Dichloroethane	9 U	75-25-2	Bromoform	9 U
156-60-5	Trans-1,2-Dichloroethene	9 U	108-10-1	4-Methyl-2-Pentanone	18 U
67-66-3	Chloroform	9 U	591-78-6	2-Hexanone	18 U
107-06-2	1,2-Dichloroethane	9 U	127-18-4	Tetrachloroethene	9 U
78-93-3	2-Butanone	12 J	79-34-5	1,1,2,2-Tetrachloroethane	9 U
71-55-6	1,1,1-Trichloroethane	9 U	108-88-3	Toluene	11
56-23-5	Carbon Tetrachloride	9 U	108-90-7	Chlorobenzene	9 U
108-05-4	Vinyl Acetate	18 U	100-41-4	Ethylbenzene	9 U
75-27-4	Bromodichloromethane	9 U	100-42-5	Styrene	9 U
				Total Xylenes	9 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.

Laboratory Name: MUS CORPORATION
Case No: EDER ASSOCIATES

Sample Number
SS-40

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	Scan Number	Estimated concentration ug/kg
1 .	1066-40-6	SILANOL, TRIMETHYL-	VOA	307	20 J
2 .		UNKNOWN	VOA	408	9 J
3 .		UNKNOWN	VOA	461	9 J
4 .		UNKNOWN	VOA	465	9 J
5 .					
6 .					
7 .					
8 .					
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30 .					

Sample Number

SS-63

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: NUS CORPORATION
Lab Sample ID No: 16891374
Sample Matrix: Soil
Data Release Authorized By:

Case No: EDER ASSOCIATES
QC Report No:
Contract No:
Date Sample Received: 09/25/86

Volatile Compounds
Concentration: Medium
Date Extracted/Prepared: 10/04/86
Date Analyzed: 10/04/86
Conc/Dil Factor: 8 pH NR
Percent Moisture: 15
Percent Moisture (Not Decanted): NR

CAS Number		ug/kg	CAS Number		ug/kg
74-87-3	Chloromethane	9400 U	78-87-5	1,2-Dichloropropane	4700 U
74-83-9	Bromomethane	9400 U	10061-02-6	Trans-1,3-Dichloropropene	4700 U
75-01-4	Vinyl Chloride	9400 U	79-01-6	Trichloroethene	4700 U
75-00-3	Chloroethane	9400 U	124-48-1	Dibromochloromethane	4700 U
75-09-2	Methylene Chloride	19000 B	79-00-5	1,1,2-Trichloroethane	4700 U
67-64-1	Acetone	16000 B	71-43-2	Benzene	4700 U
75-15-0	Carbon Disulfide	4700 U	10061-01-5	cis-1,3-Dichloropropene	4700 U
75-35-4	1,1-Dichloroethene	4700 U	110-75-8	2-Chloroethylvinylether	9400 U
75-34-3	1,1-Dichloroethane	4700 U	75-25-2	Bromoform	4700 U
156-60-5	Trans-1,2-Dichloroethene	4700 U	108-10-1	4-Methyl-2-Pentanone	9400 U
67-66-3	Chloroform	4700 U	591-78-6	2-Hexanone	9400 U
107-06-2	1,2-Dichloroethane	4700 U	127-18-4	Tetrachloroethene	4700 U
78-93-3	2-Butanone	17000 B	79-34-5	1,1,2,2-Tetrachloroethane	4700 U
71-55-6	1,1,1-Trichloroethane	4700 U	108-88-3	Toluene	4700 U
56-23-5	Carbon Tetrachloride	4700 U	108-90-7	Chlorobenzene	4700 U
108-05-4	Vinyl Acetate	9400 U	100-41-4	Ethylbenzene	4700 U
75-27-4	Bromodichloromethane	4700 U	100-42-5	Styrene	4700 U
				Total Xylenes	4700 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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S Spiked Compound

NR No value required.