641SERBSF10,636

641SERBSF10,636

Site Name (Subject):	UNION OIL CO. SE TERM
Site ID (Document ID):	NCD000609974
Document Name (DocType):	Contractor Report (CONTR)
Report Segment:	
Description:	Data Validation Package
Date of Document:	9/15/1991
Date Received:	
Box: *Enter SF and # with no spaces*	SF10,636
Access Level:	PUBLIC
Division:	WASTE MANAGEMENT
Section:	SUPERFUND
Program (Document Group):	SERB (SERB)
Document Category:	FACILITY

Print Report for Record | **Go to New Blank Record** | **Go to New Record - (default to last record values)** | **Delete Record**

DATA VALIDATION PACKAGE

Union Oil Company, SE Terminal

Greensboro, Guilford County, North Carolina

NCD 000 609 974

September 1991

NUS CORPORATION
1927 LAKESIDE PARKWAY
SUITE 614
TUCKER, GEORGIA 30084
404-938-7710

RECEIVED
SEP 16 1991
SUPERFUND SECTION

C-586-9-1-23

September 5, 1991

Mr. Harvey Allen
North Carolina Department of Health and Natural Resources
Superfund Section
401 Oberlin Road
Raleigh, North Carolina 27604

Subject: Data Transmittal
Union Oil Company, SE Terminal
Greensboro, North Carolina
TDD No. F4-9105-21

Dear Mr. Allen:

Enclosed is the complete analytical data package for the above subject site inspection. If you have any questions, please call me at (404) 938-7710.

Very truly yours,

R. Roger Franklin
Director of Field Operations

RRF/gwn

Enclosure

cc: Debbie Vaughn-Wright, EPA

CERCLA

INORGANIC DATA

INORGANIC DATA QUALIFIERS REPORT

Case Number: 16599
Project Number: 91-727
Site: Union Oil Co. SE Term., Greensboro, NC

Element	Flag	Samples Affected	Reason
A. Water			
Al, Be, Fe, Pb, Se	U	All positives >IDL but <CRDL	Baseline instability
Sb, Ca, Mg	U	All positives >IDL but <10X contaminant level	Positives in Blanks
Sb	J	All	Matrix spike recovery - 73.4%
As	J R	All positives All negatives	Matrix spike recovery - 0%
Se	J R	All positives All Negatives	Matrix spike recovery - 0%
Al	J	All	Matrix duplicate RPD - 24%
Zn	J	All	Matrix duplicate RPD - 59.9%
Hg	J	MDBF63	Technical holding time exceeded
Ni	U	MDBF52	% RSD > 20% for ICP multiple exposures
V	U	MDBF57	% RSD > 20% for ICP multiple exposures
Ag	U	MDBF57	% RSD > 20% for ICP multiple exposures
B. Soil			
Al, Be, Fe, Pb, Se	U	All positives >IDL but <CRDL	Baseline instability
Sb, Ca, Na, Zn	U	All positives >IDL but <10X contaminant level	Positives in blanks
Sb	J R	All positives All negatives	Matrix spike recovery - 17.5%
As	J R	All Positives All negatives	Matrix spike recovery - 16.7%
Hg	J	All positives	Matrix spike recovery - 159.6%
Se	J R	All positives All negatives	Matrix spike recovery - 0%
V	J	All	Matrix spike recovery - 73.9%
Co	U	MDBF62	% RSD > 20% for ICP multiple exposures
Co	J	MDBF37 and 49	% RSD > 20% for ICP multiple exposures

INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 16599
Project Number: 91-727
Site: Union Oil Co. SE Term., Greensboro, NC

Element	Flag	Samples Affected	Reason
Ni	U	MDBF41 and 62	% RSD > 20% for ICP multiple exposures
Ni	J	MDBF42 and 50	% RSD > 20% for ICP multiple exposures

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59074 SAMPLE TYPE: SOIL
PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM
CITY: GREENSBORO ST: NC
STATION ID: SB01
COLLECTION START: 06/12/91 1455 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.:
D. NO.: BC37 MD NO: BF37

RESULTS	UNITS	PARAMETER
6.1U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

```
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
**   PROJECT NO. 91-727   SAMPLE NO. 59076  SAMPLE TYPE: SOIL       PROG ELEM: NSF   COLLECTED BY: A WILLIAMS          **
**   SOURCE: UNION OIL CO SE TERM                                   CITY: GREENSBORO           ST: NC                    **
**   STATION ID: SB02                                               COLLECTION START: 06/12/91  1515   STOP: 00/00/00   **
**   CASE.NO.: 16599          SAS NO.:                              D. NO.: BC39               MD NO: BF39              **
**                                                                                                                      **
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
```

RESULTS	UNITS	PARAMETER
6.9U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59078 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: SB03 COLLECTION START: 06/12/91 1530 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.: D. NO.: BC41 MD NO: BF41

RESULTS	UNITS	PARAMETER
7U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59079 SAMPLE TYPE: SOIL	PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM	CITY: GREENSBORO ST: NC
STATION ID: SB04	COLLECTION START: 06/12/91 1555 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.:	D. NO.: BC42 MD NO: BF42

RESULTS	UNITS	PARAMETER
6.4U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59082 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB05
CASE.NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0830 STOP: 00/00/00
D. NO.: BC45 MD NO: BF45

RESULTS	UNITS	PARAMETER
7U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59084 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB06
CASE.NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1235 STOP: 00/00/00
D. NO.: BC47 MD NO: BF47

RESULTS	UNITS	PARAMETER
7.7U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

```
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
**   PROJECT NO. 91-727   SAMPLE NO. 59086  SAMPLE TYPE: SOIL        PROG ELEM: NSF   COLLECTED BY: A WILLIAMS                  **
**   SOURCE: UNION OIL CO SE TERM                                    CITY: GREENSBORO            ST: NC                        **
**   STATION ID: SB07                                                COLLECTION START: 06/13/91  1210   STOP: 00/00/00         **
**   CASE.NO.: 16599          SAS NO.:                               D. NO.: BC49                MD NO: BF49                   **
**                                                                                                                             **
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
```

RESULTS	UNITS	PARAMETER
6.4U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

*** ***
** PROJECT NO. 91-727 SAMPLE NO. 59100 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: SB08 COLLECTION START: 06/13/91 1150 STOP: 00/00/00 **
** CASE.NO.: 16599 SAS NO.: D. NO.: BC62 MD NO: BF62 **
** **
*** ***

RESULTS	UNITS	PARAMETER
6.5U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727   SAMPLE NO. 59087   SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SD01
CASE.NO.: 16599   SAS NO.:

PROG ELEM: NSF   COLLECTED BY: A WILLIAMS
CITY: GREENSBORO   ST: NC
COLLECTION START: 06/13/91 1000   STOP: 00/00/00
D. NO.: BC50   MD NO: BF50

RESULTS	UNITS	PARAMETER
6.9U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59073 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS01
CASE.NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1445 STOP: 00/00/00
D. NO.: BC36 MD NO: BF36

RESULTS	UNITS	PARAMETER
5.8U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SPECIFIED ANALYSIS DATA REPORT

*** ***
** PROJECT NO. 91-727 SAMPLE NO. 59075 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: SS02 COLLECTION START: 06/12/91 1510 STOP: 00/00/00 **
** CASE.NO.: 16599 SAS NO.: D. NO.: BC38 MD NO: BF38 **
** **
*** ***

RESULTS	UNITS	PARAMETER
6.8U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727   SAMPLE NO. 59077   SAMPLE TYPE: SOIL   PROG ELEM: NSF   COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM   CITY: GREENSBORO   ST: NC
STATION ID: SS03   COLLECTION START: 06/12/91 1525   STOP: 00/00/00
CASE.NO.: 16599   SAS NO.:   D. NO.: BC40   MD NO: BF40

RESULTS	UNITS	PARAMETER
5.9U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59080 SAMPLE TYPE: SOIL	PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM	CITY: GREENSBORO ST: NC
STATION ID: SS04	COLLECTION START: 06/12/91 1545 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.:	D. NO.: BC43 MD NO: BF43

RESULTS	UNITS	PARAMETER
5.6U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

*** ***

** PROJECT NO. 91-727 SAMPLE NO. 59081 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: SS05 COLLECTION START: 06/13/91 0825 STOP: 00/00/00 **
** CASE.NO.: 16599 SAS NO.: D. NO.: BC44 MD NO: BF44 **
** **

*** ***

RESULTS	UNITS	PARAMETER
6.2U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59083 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS06
CASE.NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1225 STOP: 00/00/00
D. NO.: BC46 MD NO: BF46

RESULTS	UNITS	PARAMETER
5.6U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59085 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: SS07 COLLECTION START: 06/13/91 1200 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.: D. NO.: BC48 MD NO: BF48

RESULTS	UNITS	PARAMETER
5.5U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

```
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
**   PROJECT NO. 91-727    SAMPLE NO. 59099  SAMPLE TYPE: SOIL        PROG ELEM: NSF   COLLECTED BY: A WILLIAMS          **
**   SOURCE: UNICN OIL CO SE TERM                                     CITY: GREENSBORO              ST: NC                **
**   STATION ID: SS08                                                 COLLECTION START: 06/13/91  1140   STOP: 00/00/00   **
**   CASE.NO.: 16599           SAS NO.:                               D. NO.: BC61                MD NO: BF61             **
**                                                                                                                        **
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
```

RESULTS	UNITS	PARAMETER
6U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59074 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB01
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1455 STOP: 00/00/00
MD NUMBER: BF37

MG/KG	ANALYTICAL RESULTS
17000	ALUMINUM
4.5UR	ANTIMONY
2UJ	ARSENIC
8.9	BARIUM
0.26U	BERYLLIUM
0.79U	CADMIUM
40U	CALCIUM
16	CHROMIUM
3J	COBALT
27	COPPER
61000	IRON
8.5	LEAD
250	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
110	MANGANESE
0.12U	MERCURY
2.3	NICKEL
89	POTASSIUM
1UR	SELENIUM
1.1U	SILVER
40U	SODIUM
0.26U	THALLIUM
NA	TIN
200J	VANADIUM
20U	ZINC
25	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59076 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB02
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1515 STOP: 00/00/00
MD NUMBER: BF39

MG/KG	ANALYTICAL RESULTS
14000	ALUMINUM
5UR	ANTIMONY
0.58UR	ARSENIC
32	BARIUM
.29U	BERYLLIUM
0.88U	CADMIUM
30U	CALCIUM
11	CHROMIUM
5.9	COBALT
20	COPPER
37000	IRON
13	LEAD
330	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
400	MANGANESE
0.14U	MERCURY
21	NICKEL
83	POTASSIUM
1.2UR	SELENIUM
1.2U	SILVER
60U	SODIUM
0.29U	THALLIUM
NA	TIN
87J	VANADIUM
30U	ZINC
32	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59078 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB03
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1530 STOP: 00/00/00
MD NUMBER: BF41

MG/KG	ANALYTICAL RESULTS
17000	ALUMINUM
4.8UR	ANTIMONY
1UJ	ARSENIC
15	BARIUM
0.28U	BERYLLIUM
0.84U	CADMIUM
20U	CALCIUM
22	CHROMIUM
3.5	COBALT
37	COPPER
45000	IRON
12	LEAD
250	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
94	MANGANESE
0.12U	MERCURY
3U	NICKEL
80U	POTASSIUM
1.1UR	SELENIUM
1.1U	SILVER
50U	SODIUM
0.27U	THALLIUM
NA	TIN
120J	VANADIUM
22	ZINC
29	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 08/19/91

** PROJECT NO. 91-727 SAMPLE NO. 59079 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: SB04 COLLECTION START: 06/12/91 1555 STOP: 00/00/00 **
** CASE NUMBER: 16599 SAS NUMBER: MD NUMBER: BF42 **

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
22000	ALUMINUM	280	MANGANESE
4.5UR	ANTIMONY	0.13U	MERCURY
2UJ	ARSENIC	6.1J	NICKEL
33	BARIUM	190	POTASSIUM
0.26U	BERYLLIUM	1UR	SELENIUM
0.79U	CADMIUM	1.1U	SILVER
580	CALCIUM	50U	SODIUM
39	CHROMIUM	0.25U	THALLIUM
4.9	COBALT	NA	TIN
22	COPPER	150J	VANADIUM
54000	IRON	30U	ZINC
14	LEAD	27	PERCENT MOISTURE
350	MAGNESIUM		

REMARKS ***REMARKS***

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 08/19/91

** PROJECT NO. 91-727 SAMPLE NO. 59082 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: SB05 COLLECTION START: 06/13/91 0830 STOP: 00/00/00 **
** CASE NUMBER: 16599 SAS NUMBER: MD NUMBER: BF45 **

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
14000	ALUMINUM	490	MANGANESE
4.9UR	ANTIMONY	0.13U	MERCURY
0.56UR	ARSENIC	8.6	NICKEL
56	BARIUM	150	POTASSIUM
0.29U	BERYLLIUM	1.1UR	SELENIUM
0.87U	CADMIUM	1.2U	SILVER
30U	CALCIUM	50U	SODIUM
24	CHROMIUM	0.28U	THALLIUM
16	COBALT	NA	TIN
61	COPPER	160J	VANADIUM
48000	IRON	30U	ZINC
4.5	LEAD	33	PERCENT MOISTURE
700	MAGNESIUM		

REMARKS ***REMARKS***

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59084 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB06
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1235 STOP: 00/00/00
MD NUMBER: BF47

MG/KG	ANALYTICAL RESULTS
25000	ALUMINUM
5.1UR	ANTIMONY
0.53UR	ARSENIC
55	BARIUM
0.30U	BERYLLIUM
0.89U	CADMIUM
30U	CALCIUM
32	CHROMIUM
21	COBALT
110	COPPER
63000	IRON
6.4	LEAD
310	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
420	MANGANESE
0.13U	MERCURY
6.8	NICKEL
140	POTASSIUM
1.1UR	SELENIUM
1.2U	SILVER
40U	SODIUM
0.27U	THALLIUM
NA	TIN
200J	VANADIUM
30U	ZINC
35	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59086 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB07
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1210 STOP: 00/00/00
MD NUMBER: BF49

ANALYTICAL RESULTS

MG/KG	
14000	ALUMINUM
4UR	ANTIMONY
2UJ	ARSENIC
10	BARIUM
0.24U	BERYLLIUM
0.71U	CADMIUM
40U	CALCIUM
36	CHROMIUM
2.2J	COBALT
33	COPPER
54000	IRON
10	LEAD
160	MAGNESIUM

ANALYTICAL RESULTS

MG/KG	
100	MANGANESE
0.12U	MERCURY
3.2	NICKEL
79	POTASSIUM
1UR	SELENIUM
0.95U	SILVER
30U	SODIUM
.25U	THALLIUM
NA	TIN
160J	VANADIUM
20U	ZINC
25	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59100 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB08
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1150 STOP: 00/00/00
MD NUMBER: BF62

MG/KG	ANALYTICAL RESULTS
11000	ALUMINUM
4.2UR	ANTIMONY
1UJ	ARSENIC
59	BARIUM
0.25U	BERYLLIUM
0.75U	CADMIUM
270	CALCIUM
22	CHROMIUM
2U	COBALT
15	COPPER
8500	IRON
12	LEAD
420	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
27	MANGANESE
0.12U	MERCURY
2U	NICKEL
130	POTASSIUM
0.89UR	SELENIUM
1U	SILVER
100U	SODIUM
0.22U	THALLIUM
NA	TIN
73J	VANADIUM
9.4	ZINC
25	PERCENT MOISTURE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59087 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SD01
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1000 STOP: 00/00/00
MD NUMBER: BF50

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
15000	ALUMINUM	380	MANGANESE
4.50UR	ANTIMONY	0.12U	MERCURY
3J	ARSENIC	4.6J	NICKEL
38	BARIUM	250	POTASSIUM
0.26U	BERYLLIUM	0.99UR	SELENIUM
0.79U	CADMIUM	1U	SILVER
590	CALCIUM	100U	SODIUM
51	CHROMIUM	0.25U	THALLIUM
8	COBALT	NA	TIN
22	COPPER	110J	VANADIUM
43000	IRON	54	ZINC
42	LEAD	29	PERCENT MOISTURE
490	MAGNESIUM		

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59073 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS01
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1445 STOP: 00/00/00
MD NUMBER: BF36

MG/KG	ANALYTICAL RESULTS
26000	ALUMINUM
5UJ	ANTIMONY
2UJ	ARSENIC
75	BARIUM
0.23U	BERYLLIUM
0.70U	CADMIUM
640	CALCIUM
32	CHROMIUM
7.6	COBALT
16	COPPER
40000	IRON
14	LEAD
350	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
390	MANGANESE
0.10U	MERCURY
4.3	NICKEL
190	POTASSIUM
0.89UR	SELENIUM
0.94U	SILVER
50U	SODIUM
0.22U	THALLIUM
NA	TIN
120J	VANADIUM
20U	ZINC
16	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59075 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS02
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1510 STOP: 00/00/00
MD NUMBER: BF38

ANALYTICAL RESULTS

MG/KG	
14000	ALUMINUM
4.4UR	ANTIMONY
1UJ	ARSENIC
16	BARIUM
0.26U	BERYLLIUM
0.77U	CADMIUM
40U	CALCIUM
25	CHROMIUM
5	COBALT
25	COPPER
42000	IRON
9.2	LEAD
270	MAGNESIUM

ANALYTICAL RESULTS

MG/KG	
360	MANGANESE
0.13U	MERCURY
40	NICKEL
70U	POTASSIUM
0.94UR	SELENIUM
1U	SILVER
40U	SODIUM
0.23U	THALLIUM
NA	TIN
110J	VANADIUM
30U	ZINC
28	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59077 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: SS03 COLLECTION START: 06/12/91 1525 STOP: 00/00/00
CASE NUMBER: 16599 SAS NUMBER: MD NUMBER: BF40

ANALYTICAL RESULTS

MG/KG	
19000	ALUMINUM
4UR	ANTIMONY
3UJ	ARSENIC
11	BARIUM
0.24U	BERYLLIUM
0.71U	CADMIUM
90U	CALCIUM
35	CHROMIUM
2.8	COBALT
20	COPPER
46000	IRON
9.7	LEAD
280	MAGNESIUM

ANALYTICAL RESULTS

MG/KG	
110	MANGANESE
0.12U	MERCURY
4.5	NICKEL
170	POTASSIUM
1UR	SELENIUM
0.95U	SILVER
40U	SODIUM
0.25U	THALLIUM
NA	TIN
130J	VANADIUM
20U	ZINC
21	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59080 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS04
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1545 STOP: 00/00/00
MD NUMBER: BF43

MG/KG	ANALYTICAL RESULTS
17000	ALUMINUM
3.5UR	ANTIMONY
3.1J	ARSENIC
40	BARIUM
0.21U	BERYLLIUM
0.62U	CADMIUM
520	CALCIUM
110	CHROMIUM
4.9	COBALT
22	COPPER
45000	IRON
63	LEAD
710	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
180	MANGANESE
0.12U	MERCURY
15	NICKEL
170	POTASSIUM
1UJ	SELENIUM
0.82U	SILVER
40U	SODIUM
0.21U	THALLIUM
NA	TIN
120J	VANADIUM
46	ZINC
18	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59081 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS05
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0825 STOP: 00/00/00
MD NUMBER: BF44

MG/KG	ANALYTICAL RESULTS
20000	ALUMINUM
4.3UR	ANTIMONY
0.51UR	ARSENIC
34	BARIUM
0.25U	BERYLLIUM
0.76U	CADMIUM
130U	CALCIUM
17	CHROMIUM
6.9	COBALT
42	COPPER
52000	IRON
9.5	LEAD
530	MAGNESIUM

MG/KG	ANALYTICAL RESULTS
260	MANGANESE
0.12U	MERCURY
4.1	NICKEL
160	POTASSIUM
1UR	SELENIUM
1U	SILVER
50U	SODIUM
0.25U	THALLIUM
NA	TIN
140J	VANADIUM
20U	ZINC
25	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59083 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS06
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1225 STOP: 00/00/00
MD NUMBER: BF46

ANALYTICAL RESULTS

MG/KG	
24000	ALUMINUM
3.6UR	ANTIMONY
2UJ	ARSENIC
98	BARIUM
1.2	BERYLLIUM
0.63U	CADMIUM
3400	CALCIUM
49	CHROMIUM
13	COBALT
39	COPPER
69000	IRON
500	LEAD
840	MAGNESIUM

ANALYTICAL RESULTS

MG/KG	
170	MANGANESE
0.10U	MERCURY
18	NICKEL
1800	POTASSIUM
0.86UR	SELENIUM
0.84U	SILVER
380	SODIUM
0.22U	THALLIUM
NA	TIN
100J	VANADIUM
370	ZINC
13	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59085 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS07
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1200 STOP: 00/00/00
MD NUMBER: BF48

ANALYTICAL RESULTS

MG/KG	
14000	ALUMINUM
3.7UR	ANTIMONY
2UJ	ARSENIC
36	BARIUM
0.22U	BERYLLIUM
0.65U	CADMIUM
1100	CALCIUM
27	CHROMIUM
5.9	COBALT
23	COPPER
35000	IRON
230	LEAD
940	MAGNESIUM

ANALYTICAL RESULTS

MG/KG	
160	MANGANESE
0.10U	MERCURY
5.2	NICKEL
690	POTASSIUM
0.76UR	SELENIUM
0.87U	SILVER
80U	SODIUM
0.19U	THALLIUM
NA	TIN
89J	VANADIUM
150	ZINC
12	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59099 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS08
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1140 STOP: 00/00/00
MD NUMBER: BF61

MG/KG	ANALYTICAL RESULTS
20000	ALUMINUM
4UJ	ANTIMONY
2UJ	ARSENIC
160	BARIUM
0.23U	BERYLLIUM
0.70U	CADMIUM
990	CALCIUM
32	CHROMIUM
22	COBALT
17	COPPER
29000	IRON
38	LEAD
550	MAGNESIUM
1900	MANGANESE
0.11U	MERCURY
7.4	NICKEL
450	POTASSIUM
0.94UR	SELENIUM
0.93U	SILVER
120U	SODIUM
0.23U	THALLIUM
NA	TIN
72J	VANADIUM
100	ZINC
19	PERCENT MOISTURE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

*** ***
** PROJECT NO. 91-727 SAMPLE NO. 59093 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: MW02 COLLECTION START: 06/13/91 1045 STOP: 00/00/00 **
** CASE.NO.: 16599 SAS NO.: D. NO.: BC55 MD NO: BF55 **
** **
*** ***

RESULTS	UNITS	PARAMETER
10U	UG/L	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59096 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW03 COLLECTION START: 06/13/91 1255 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.: D. NO.: BC58 MD NO: BF58

RESULTS	UNITS	PARAMETER
10U	UG/L	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59094 SAMPLE TYPE: GROUNDWA
PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM
CITY: GREENSBORO ST: NC
STATION ID: MW04
COLLECTION START: 06/13/91 1110 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.:
D. NO.: BC56 MD NO: BF56

RESULTS	UNITS	PARAMETER
10U	UG/L	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59095 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW05 COLLECTION START: 06/13/91 1125 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.: D. NO.: BC57 MD NO: BF57

RESULTS	UNITS	PARAMETER
10U	UG/L	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

```
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
**   PROJECT NO. 91-727   SAMPLE NO. 59089  SAMPLE TYPE: GROUNDWA    PROG ELEM: NSF   COLLECTED BY: A WILLIAMS          **
**   SOURCE: UNION OIL CO SE TERM                                    CITY: GREENSBORO            ST: NC                 **
**   STATION ID: MW08                                                COLLECTION START: 06/13/91  0845   STOP: 00/00/00  **
**   CASE.NO.: 16599           SAS NO.:                              D. NO.: BC51              MD NO: BF51              **
**                                                                                                                      **
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
```

RESULTS	UNITS	PARAMETER
10U	UG/L	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59090 SAMPLE TYPE: GROUNDWA
PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM
CITY: GREENSBORO ST: NC
STATION ID: MW09
COLLECTION START: 06/13/91 0925 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.:
D. NO.: BC52 MD NO: BF52

RESULTS	UNITS	PARAMETER
10U	UG/L	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

*** ***
** PROJECT NO. 91-727 SAMPLE NO. 59092 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: MW12 COLLECTION START: 06/13/91 0950 STOP: 00/00/00 **
** CASE.NO.: 16599 SAS NO.: D. NO.: BC54 MD NO: BF54 **
** **
*** ***

RESULTS	UNITS	PARAMETER
10U	UG/L	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727   SAMPLE NO. 59091   SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW13
CASE.NO.: 16599   SAS NO.:

PROG ELEM: NSF   COLLECTED BY: A WILLIAMS
CITY: GREENSBORO   ST: NC
COLLECTION START: 06/13/91 0935   STOP: 00/00/00
D. NO.: BC53   MD NO: BF53

RESULTS	UNITS	PARAMETER
10U	UG/L	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59097 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW17 COLLECTION START: 06/13/91 1010 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.: D. NO.: BC59 MD NO: BF59

RESULTS	UNITS	PARAMETER
10U	UG/L	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59098 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW18 COLLECTION START: 06/13/91 1015 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.: D. NO.: BC60 MD NO: BF60

RESULTS	UNITS	PARAMETER
10U	UG/L	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.
08/19/91

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59104 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: PB01 COLLECTION START: 06/12/91 0700 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.: D. NO.: MD NO: BF63

RESULTS	UNITS	PARAMETER
10U	UG/L	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 08/19/91

PROJECT NO. 91-727 SAMPLE NO. 59093 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW02 COLLECTION START: 06/13/91 1045 STOP: 00/00/00
CASE NUMBER: 16599 SAS NUMBER: MD NUMBER: BF55

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
7900J	ALUMINUM	110	MANGANESE
17UJ	ANTIMONY	0.20U	MERCURY
4UR	ARSENIC	6U	NICKEL
57	BARIUM	1500	POTASSIUM
3U	BERYLLIUM	4UR	SELENIUM
3U	CADMIUM	4U	SILVER
1500	CALCIUM	2200	SODIUM
7U	CHROMIUM	3U	THALLIUM
4U	COBALT	NA	TIN
11U	COPPER	46	VANADIUM
17000	IRON	47J	ZINC
4	LEAD		
570	MAGNESIUM		

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59096 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW03 COLLECTION START: 06/13/91 1255 STOP: 00/00/00
CASE NUMBER: 16599 SAS NUMBER: MD NUMBER: BF58

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
1600J	ALUMINUM	180	MANGANESE
17UJ	ANTIMONY	0.20U	MERCURY
4UR	ARSENIC	6U	NICKEL
69	BARIUM	1600	POTASSIUM
2U	BERYLLIUM	4UR	SELENIUM
3U	CADMIUM	5U	SILVER
720	CALCIUM	2900	SODIUM
7U	CHROMIUM	3U	THALLIUM
4U	COBALT	NA	TIN
11U	COPPER	8	VANADIUM
2700	IRON	27J	ZINC
5	LEAD		
840	MAGNESIUM		

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59094 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW04 COLLECTION START: 06/13/91 1110 STOP: 00/00/00
CASE NUMBER: 16599 SAS NUMBER: MD NUMBER: BF56

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
2600J	ALUMINUM	220	MANGANESE
17UJ	ANTIMONY	0.20U	MERCURY
4UR	ARSENIC	6U	NICKEL
56	BARIUM	370	POTASSIUM
3U	BERYLLIUM	4UR	SELENIUM
3U	CADMIUM	4U	SILVER
350U	CALCIUM	350	SODIUM
7U	CHROMIUM	3U	THALLIUM
4U	COBALT	NA	TIN
11U	COPPER	14	VANADIUM
5100	IRON	66J	ZINC
4	LEAD		
330U	MAGNESIUM		

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59095 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW05
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1125 STOP: 00/00/00
MD NUMBER: BF57

UG/L	ANALYTICAL RESULTS
260J	ALUMINUM
17UJ	ANTIMONY
4UR	ARSENIC
37	BARIUM
2U	BERYLLIUM
3U	CADMIUM
980	CALCIUM
7U	CHROMIUM
6	COBALT
11U	COPPER
4200	IRON
4	LEAD
1300	MAGNESIUM

UG/L	ANALYTICAL RESULTS
240	MANGANESE
0.20U	MERCURY
6U	NICKEL
1000	POTASSIUM
4UR	SELENIUM
4U	SILVER
6100	SODIUM
3U	THALLIUM
NA	TIN
4U	VANADIUM
8UJ	ZINC

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59089 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW08 COLLECTION START: 06/13/91 0845 STOP: 00/00/00
CASE NUMBER: 16599 SAS NUMBER: MD NUMBER: BF51

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
17000J	ALUMINUM	290	MANGANESE
17UJ	ANTIMONY	0.20U	MERCURY
4UR	ARSENIC	27	NICKEL
47	BARIUM	760	POTASSIUM
2U	BERYLLIUM	4UR	SELENIUM
3U	CADMIUM	4U	SILVER
290U	CALCIUM	1800	SODIUM
98	CHROMIUM	3U	THALLIUM
13	COBALT	NA	TIN
32	COPPER	93	VANADIUM
52000	IRON	25J	ZINC
6	LEAD		
1200	MAGNESIUM		

REMARKS
~~AQUA REGIA DIGESTION ICP 6000 VERIFY~~ HGB

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 08/19/91

** PROJECT NO. 91-727 SAMPLE NO. 59090 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: MW09 COLLECTION START: 06/13/91 0925 STOP: 00/00/00 **
** CASE NUMBER: 16599 SAS NUMBER: MD NUMBER: BF52 **

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
27000J	ALUMINUM	960	MANGANESE
17UJ	ANTIMONY	0.74	MERCURY
4UR	ARSENIC	8U	NICKEL
150	BARIUM	1200	POTASSIUM
1U	BERYLLIUM	4UR	SELENIUM
3U	CADMIUM	4U	SILVER
200U	CALCIUM	940	SODIUM
18	CHROMIUM	3U	THALLIUM
31	COBALT	NA	TIN
60	COPPER	140	VANADIUM
48000	IRON	52J	ZINC
6	LEAD		
1400	MAGNESIUM		

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59092 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW12
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0950 STOP: 00/00/00
MD NUMBER: BF54

ANALYTICAL RESULTS

UG/L	
350J	ALUMINUM
17UJ	ANTIMONY
4UR	ARSENIC
19	BARIUM
2U	BERYLLIUM
3U	CADMIUM
400	CALCIUM
7U	CHROMIUM
28	COBALT
11U	COPPER
650	IRON
140	LEAD
160U	MAGNESIUM

ANALYTICAL RESULTS

UG/L	
590	MANGANESE
0.3U	MERCURY
6U	NICKEL
360	POTASSIUM
4UR	SELENIUM
4U	SILVER
2300	SODIUM
3U	THALLIUM
NA	TIN
3U	VANADIUM
8UJ	ZINC

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59091 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW13
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0935 STOP: 00/00/00
MD NUMBER: BF53

UG/L	ANALYTICAL RESULTS
4500J	ALUMINUM
17UJ	ANTIMONY
4UR	ARSENIC
85	BARIUM
2U	BERYLLIUM
3U	CADMIUM
210U	CALCIUM
7U	CHROMIUM
10	COBALT
11U	COPPER
6400	IRON
8	LEAD
1500	MAGNESIUM

UG/L	ANALYTICAL RESULTS
74	MANGANESE
0.20U	MERCURY
6U	NICKEL
1100	POTASSIUM
4UR	SELENIUM
4U	SILVER
2700	SODIUM
3U	THALLIUM
NA	TIN
20	VANADIUM
29J	ZINC

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59097 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW17
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1010 STOP: 00/00/00
MD NUMBER: BF59

UG/L	ANALYTICAL RESULTS
4400J	ALUMINUM
17UJ	ANTIMONY
4UR	ARSENIC
36	BARIUM
2U	BERYLLIUM
3U	CADMIUM
36000	CALCIUM
8U	CHROMIUM
4U	COBALT
11U	COPPER
3100	IRON
4	LEAD
1900	MAGNESIUM

UG/L	ANALYTICAL RESULTS
77	MANGANESE
0.20U	MERCURY
6U	NICKEL
1800	POTASSIUM
4UR	SELENIUM
4U	SILVER
7400	SODIUM
3U	THALLIUM
NA	TIN
12	VANADIUM
22J	ZINC

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59098 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW18
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1015 STOP: 00/00/00
MD NUMBER: BF60

UG/L	ANALYTICAL RESULTS
1500J	ALUMINUM
17UJ	ANTIMONY
4UR	ARSENIC
48	BARIUM
1U	BERYLLIUM
3U	CADMIUM
23000	CALCIUM
7U	CHROMIUM
4U	COBALT
11U	COPPER
2300	IRON
8	LEAD
2500	MAGNESIUM

UG/L	ANALYTICAL RESULTS
120	MANGANESE
0.20U	MERCURY
6U	NICKEL
1600	POTASSIUM
4UR	SELENIUM
4U	SILVER
8600	SODIUM
3U	THALLIUM
NA	TIN
13	VANADIUM
8UJ	ZINC

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/19/91

METALS DATA REPORT

PROJECT NO. 91-727   SAMPLE NO. 59104   SAMPLE TYPE: SURFACEWA   PROG ELEM: NSF   COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM   CITY: GREENSBORO   ST: NC
STATION ID: PB01   COLLECTION START: 06/12/91 0700   STOP: 00/00/00
CASE NUMBER: 16599   SAS NUMBER: MD NUMBER: BF63

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
27UJ	ALUMINUM	9U	MANGANESE
17UJ	ANTIMONY	0.20U	MERCURY
4UR	ARSENIC	6U	NICKEL
2U	BARIUM	260U	POTASSIUM
1U	BERYLLIUM	4UR	SELENIUM
3U	CADMIUM	4U	SILVER
50U	CALCIUM	30U	SODIUM
7U	CHROMIUM	3U	THALLIUM
4U	COBALT	NA	TIN
11U	COPPER	3U	VANADIUM
100U	IRON	8UJ	ZINC
1U	LEAD		
40U	MAGNESIUM		

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

ORGANIC DATA

ORGANIC DATA QUALIFIER REPORT

Case Number 16599 Project Number 91-727 SAS Number

Site ID. Union Oil Co, SE Term, Greensboro, SC.

Affected Samples	Compound or Fraction	Flag Used	Reason
Volatiles			
59087,59097	benzene	J	<quantitation limit
59098	ethylbenzene	J	<quantitation limit
59092	ethylbenzene	J	<quantitation limit, dilution
Extractables			
all soil samples	acenaphthylene	R	unacceptable blind spike recovery
all water samples	chrysene	R	unacceptable blind spike recovery
	benzo(g,h,i)perylene	J	low blind spike recovery
59076,59087	all positives	J	<quabtitation limit
59092	phenanthrene	J	<quantitation limit

Pesticides

none

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59074 SAMPLE TYPE: SOIL
** SOURCE: UNION OIL CO SE TERM
** STATION ID: SB01
** CASE NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1455 STOP: 00/00/00
D. NO.: BC37

UG/KG	ANALYTICAL RESULTS
13U	CHLOROMETHANE
13U	BROMOMETHANE
13U	VINYL CHLORIDE
13U	CHLOROETHANE
13U	METHYLENE CHLORIDE
13U	ACETONE
13U	CARBON DISULFIDE
13U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
13U	1,1-DICHLOROETHANE
13U	1,2-DICHLOROETHENE (TOTAL)
13U	CHLOROFORM
13U	1,2-DICHLOROETHANE
13U	METHYL ETHYL KETONE
13U	1,1,1-TRICHLOROETHANE
13U	CARBON TETRACHLORIDE
13U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
13U	1,2-DICHLOROPROPANE
13U	CIS-1,3-DICHLOROPROPENE
13U	TRICHLOROETHENE(TRICHLOROETHYLENE)
13U	DIBROMOCHLOROMETHANE
13U	1,1,2-TRICHLOROETHANE
13U	BENZENE
13U	TRANS-1,3-DICHLOROPROPENE
13U	BROMOFORM
13U	METHYL ISOBUTYL KETONE
13U	METHYL BUTYL KETONE
13U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
13U	1,1,2,2-TETRACHLOROETHANE
13U	TOLUENE
13U	CHLOROBENZENE
13U	ETHYL BENZENE
13U	STYRENE
13U	TOTAL XYLENES
25	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59076 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB02

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1515 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC39

UG/KG	ANALYTICAL RESULTS
15U	CHLOROMETHANE
15U	BROMOMETHANE
15U	VINYL CHLORIDE
15U	CHLOROETHANE
20U	METHYLENE CHLORIDE
15U	ACETONE
15U	CARBON DISULFIDE
15U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
15U	1,1-DICHLOROETHANE
15U	1,2-DICHLOROETHENE (TOTAL)
15U	CHLOROFORM
15U	1,2-DICHLOROETHANE
15U	METHYL ETHYL KETONE
15U	1,1,1-TRICHLOROETHANE
15U	CARBON TETRACHLORIDE
15U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
15U	1,2-DICHLOROPROPANE
15U	CIS-1,3-DICHLOROPROPENE
15U	TRICHLOROETHENE(TRICHLOROETHYLENE)
15U	DIBROMOCHLOROMETHANE
15U	1,1,2-TRICHLOROETHANE
15U	BENZENE
15U	TRANS-1,3-DICHLOROPROPENE
15U	BROMOFORM
15U	METHYL ISOBUTYL KETONE
15U	METHYL BUTYL KETONE
15U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
15U	1,1,2,2-TETRACHLOROETHANE
15U	TOLUENE
15U	CHLOROBENZENE
15U	ETHYL BENZENE
15U	STYRENE
15U	TOTAL XYLENES
32	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59078 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB03

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1530 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC41

UG/KG	ANALYTICAL RESULTS
14U	CHLOROMETHANE
14U	BROMOMETHANE
14U	VINYL CHLORIDE
14U	CHLOROETHANE
40U	METHYLENE CHLORIDE
70U	ACETONE
14U	CARBON DISULFIDE
14U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
14U	1,1-DICHLOROETHANE
14U	1,2-DICHLOROETHENE (TOTAL)
14U	CHLOROFORM
14U	1,2-DICHLOROETHANE
14U	METHYL ETHYL KETONE
14U	1,1,1-TRICHLOROETHANE
14U	CARBON TETRACHLORIDE
14U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
14U	1,2-DICHLOROPROPANE
14U	CIS-1,3-DICHLOROPROPENE
14U	TRICHLOROETHENE(TRICHLOROETHYLENE)
14U	DIBROMOCHLOROMETHANE
14U	1,1,2-TRICHLOROETHANE
14U	BENZENE
14U	TRANS-1,3-DICHLOROPROPENE
14U	BROMOFORM
14U	METHYL ISOBUTYL KETONE
14U	METHYL BUTYL KETONE
14U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
14U	1,1,2,2-TETRACHLOROETHANE
30U	TOLUENE
14U	CHLOROBENZENE
14U	ETHYL BENZENE
14U	STYRENE
14U	TOTAL XYLENES
30	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59079 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB04

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1555 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC42

UG/KG	ANALYTICAL RESULTS
14U	CHLOROMETHANE
14U	BROMOMETHANE
14U	VINYL CHLORIDE
14U	CHLOROETHANE
20U	METHYLENE CHLORIDE
14U	ACETONE
14U	CARBON DISULFIDE
14U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
14U	1,1-DICHLOROETHANE
14U	1,2-DICHLOROETHENE (TOTAL)
14U	CHLOROFORM
14U	1,2-DICHLOROETHANE
14U	METHYL ETHYL KETONE
14U	1,1,1-TRICHLOROETHANE
14U	CARBON TETRACHLORIDE
14U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
14U	1,2-DICHLOROPROPANE
14U	CIS-1,3-DICHLOROPROPENE
14U	TRICHLOROETHENE(TRICHLOROETHYLENE)
14U	DIBROMOCHLOROMETHANE
14U	1,1,2-TRICHLOROETHANE
14U	BENZENE
14U	TRANS-1,3-DICHLOROPROPENE
14U	BROMOFORM
14U	METHYL ISOBUTYL KETONE
14U	METHYL BUTYL KETONE
14U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
14U	1,1,2,2-TETRACHLOROETHANE
20U	TOLUENE
14U	CHLOROBENZENE
14U	ETHYL BENZENE
14U	STYRENE
14U	TOTAL XYLENES
28	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59082 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB05

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0830 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC45

UG/KG	ANALYTICAL RESULTS
71U	CHLOROMETHANE
71U	BROMOMETHANE
71U	VINYL CHLORIDE
71U	CHLOROETHANE
100U	METHYLENE CHLORIDE
71U	ACETONE
71U	CARBON DISULFIDE
71U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
71U	1,1-DICHLOROETHANE
71U	1,2-DICHLOROETHENE (TOTAL)
71U	CHLOROFORM
71U	1,2-DICHLOROETHANE
71U	METHYL ETHYL KETONE
71U	1,1,1-TRICHLOROETHANE
71U	CARBON TETRACHLORIDE
71U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
71U	1,2-DICHLOROPROPANE
71U	CIS-1,3-DICHLOROPROPENE
71U	TRICHLOROETHENE(TRICHLOROETHYLENE)
71U	DIBROMOCHLOROMETHANE
71U	1,1,2-TRICHLOROETHANE
71U	BENZENE
71U	TRANS-1,3-DICHLOROPROPENE
71U	BROMOFORM
71U	METHYL ISOBUTYL KETONE
71U	METHYL BUTYL KETONE
71U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
71U	1,1,2,2-TETRACHLOROETHANE
98	TOLUENE
71U	CHLOROBENZENE
140	ETHYL BENZENE
71U	STYRENE
1500	TOTAL XYLENES
30	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59084 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB06

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1235 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC47

UG/KG	ANALYTICAL RESULTS
15U	CHLOROMETHANE
15U	BROMOMETHANE
15U	VINYL CHLORIDE
15U	CHLOROETHANE
40U	METHYLENE CHLORIDE
15U	ACETONE
15U	CARBON DISULFIDE
15U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
15U	1,1-DICHLOROETHANE
15U	1,2-DICHLOROETHENE (TOTAL)
15U	CHLOROFORM
15U	1,2-DICHLOROETHANE
15U	METHYL ETHYL KETONE
15U	1,1,1-TRICHLOROETHANE
15U	CARBON TETRACHLORIDE
15U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
15U	1,2-DICHLOROPROPANE
15U	CIS-1,3-DICHLOROPROPENE
15U	TRICHLOROETHENE(TRICHLOROETHYLENE)
15U	DIBROMOCHLOROMETHANE
15U	1,1,2-TRICHLOROETHANE
15U	BENZENE
15U	TRANS-1,3-DICHLOROPROPENE
15U	BROMOFORM
15U	METHYL ISOBUTYL KETONE
15U	METHYL BUTYL KETONE
15U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
15U	1,1,2,2-TETRACHLOROETHANE
15U	TOLUENE
15U	CHLOROBENZENE
15U	ETHYL BENZENE
15U	STYRENE
15U	TOTAL XYLENES
35	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59086 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB07

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1210 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC49

UG/KG	ANALYTICAL RESULTS
13U	CHLOROMETHANE
13U	BROMOMETHANE
13U	VINYL CHLORIDE
13U	CHLOROETHANE
30U	METHYLENE CHLORIDE
30U	ACETONE
13U	CARBON DISULFIDE
13U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
13U	1,1-DICHLOROETHANE
13U	1,2-DICHLOROETHENE (TOTAL)
13U	CHLOROFORM
13U	1,2-DICHLOROETHANE
13U	METHYL ETHYL KETONE
13U	1,1,1-TRICHLOROETHANE
13U	CARBON TETRACHLORIDE
13U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
13U	1,2-DICHLOROPROPANE
13U	CIS-1,3-DICHLOROPROPENE
13U	TRICHLOROETHENE(TRICHLOROETHYLENE)
13U	DIBROMOCHLOROMETHANE
13U	1,1,2-TRICHLOROETHANE
13U	BENZENE
13U	TRANS-1,3-DICHLOROPROPENE
13U	BROMOFORM
13U	METHYL ISOBUTYL KETONE
13U	METHYL BUTYL KETONE
13U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
13U	1,1,2,2-TETRACHLOROETHANE
20U	TOLUENE
13U	CHLOROBENZENE
13U	ETHYL BENZENE
13U	STYRENE
13U	TOTAL XYLENES
25	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59100 SAMPLE TYPE: SOIL
** SOURCE: UNION OIL CO SE TERM
** STATION ID: SB08
**
** CASE NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1150 STOP: 00/00/00
D. NO.: BC62

UG/KG	ANALYTICAL RESULTS
13U	CHLOROMETHANE
13U	BROMOMETHANE
13U	VINYL CHLORIDE
13U	CHLOROETHANE
30U	METHYLENE CHLORIDE
300U	ACETONE
13U	CARBON DISULFIDE
13U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
13U	1,1-DICHLOROETHANE
13U	1,2-DICHLOROETHENE (TOTAL)
13U	CHLOROFORM
13U	1,2-DICHLOROETHANE
13U	METHYL ETHYL KETONE
13U	1,1,1-TRICHLOROETHANE
13U	CARBON TETRACHLORIDE
13U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
13U	1,2-DICHLOROPROPANE
13U	CIS-1,3-DICHLOROPROPENE
13U	TRICHLOROETHENE(TRICHLOROETHYLENE)
13U	DIBROMOCHLOROMETHANE
13U	1,1,2-TRICHLOROETHANE
13U	BENZENE
13U	TRANS-1,3-DICHLOROPROPENE
13U	BROMOFORM
13U	METHYL ISOBUTYL KETONE
13U	METHYL BUTYL KETONE
13U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
13U	1,1,2,2-TETRACHLOROETHANE
13U	TOLUENE
13U	CHLOROBENZENE
13U	ETHYL BENZENE
13U	STYRENE
13U	TOTAL XYLENES
24	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59087 SAMPLE TYPE: SOIL
** SOURCE: UNION OIL CO SE TERM
** STATION ID: SD01
**
** CASE NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1000 STOP: 00/00/00
D. NO.: BC50

UG/KG	ANALYTICAL RESULTS
14U	CHLOROMETHANE
14U	BROMOMETHANE
14U	VINYL CHLORIDE
14U	CHLOROETHANE
30U	METHYLENE CHLORIDE
90U	ACETONE
14U	CARBON DISULFIDE
14U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
14U	1,1-DICHLOROETHANE
14U	1,2-DICHLOROETHENE (TOTAL)
14U	CHLOROFORM
14U	1,2-DICHLOROETHANE
20U	METHYL ETHYL KETONE
14U	1,1,1-TRICHLOROETHANE
14U	CARBON TETRACHLORIDE
14U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
14U	1,2-DICHLOROPROPANE
14U	CIS-1,3-DICHLOROPROPENE
14U	TRICHLOROETHENE(TRICHLOROETHYLENE)
14U	DIBROMOCHLOROMETHANE
14U	1,1,2-TRICHLOROETHANE
7J	BENZENE
14U	TRANS-1,3-DICHLOROPROPENE
14U	BROMOFORM
14U	METHYL ISOBUTYL KETONE
14U	METHYL BUTYL KETONE
14U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
14U	1,1,2,2-TETRACHLOROETHANE
14U	TOLUENE
14U	CHLOROBENZENE
14U	ETHYL BENZENE
14U	STYRENE
18	TOTAL XYLENES
31	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59073 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS01

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1445 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC36

UG/KG	ANALYTICAL RESULTS
12U	CHLOROMETHANE
12U	BROMOMETHANE
12U	VINYL CHLORIDE
12U	CHLOROETHANE
12U	METHYLENE CHLORIDE
12U	ACETONE
12U	CARBON DISULFIDE
12U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
12U	1,1-DICHLOROETHANE
12U	1,2-DICHLOROETHENE (TOTAL)
12U	CHLOROFORM
12U	1,2-DICHLOROETHANE
12U	METHYL ETHYL KETONE
12U	1,1,1-TRICHLOROETHANE
12U	CARBON TETRACHLORIDE
12U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
12U	1,2-DICHLOROPROPANE
12U	CIS-1,3-DICHLOROPROPENE
12U	TRICHLOROETHENE(TRICHLOROETHYLENE)
12U	DIBROMOCHLOROMETHANE
12U	1,1,2-TRICHLOROETHANE
12U	BENZENE
12U	TRANS-1,3-DICHLOROPROPENE
12U	BROMOFORM
12U	METHYL ISOBUTYL KETONE
12U	METHYL BUTYL KETONE
12U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
12U	1,1,2,2-TETRACHLOROETHANE
30U	TOLUENE
12U	CHLOROBENZENE
12U	ETHYL BENZENE
12U	STYRENE
12U	TOTAL XYLENES
16	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59075 SAMPLE TYPE: SOIL
** SOURCE: UNION OIL CO SE TERM
** STATION ID: SS02
**
** CASE NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1510 STOP: 00/00/00
D. NO.: BC38

UG/KG	ANALYTICAL RESULTS
14U	CHLOROMETHANE
14U	BROMOMETHANE
14U	VINYL CHLORIDE
14U	CHLOROETHANE
20U	METHYLENE CHLORIDE
14U	ACETONE
14U	CARBON DISULFIDE
14U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
14U	1,1-DICHLOROETHANE
14U	1,2-DICHLOROETHENE (TOTAL)
14U	CHLOROFORM
14U	1,2-DICHLOROETHANE
14U	METHYL ETHYL KETONE
14U	1,1,1-TRICHLOROETHANE
14U	CARBON TETRACHLORIDE
14U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
14U	1,2-DICHLOROPROPANE
14U	CIS-1,3-DICHLOROPROPENE
14U	TRICHLOROETHENE(TRICHLOROETHYLENE)
14U	DIBROMOCHLOROMETHANE
14U	1,1,2-TRICHLOROETHANE
14U	BENZENE
14U	TRANS-1,3-DICHLOROPROPENE
14U	BROMOFORM
14U	METHYL ISOBUTYL KETONE
14U	METHYL BUTYL KETONE
14U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
14U	1,1,2,2-TETRACHLOROETHANE
14U	TOLUENE
14U	CHLOROBENZENE
14U	ETHYL BENZENE
14U	STYRENE
14U	TOTAL XYLENES
28	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.,THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59077 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS03

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1525 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC40

UG/KG	ANALYTICAL RESULTS
13U	CHLOROMETHANE
13U	BROMOMETHANE
13U	VINYL CHLORIDE
13U	CHLOROETHANE
20U	METHYLENE CHLORIDE
20U	ACETONE
13U	CARBON DISULFIDE
13U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
13U	1,1-DICHLOROETHANE
13U	1,2-DICHLOROETHENE (TOTAL)
13U	CHLOROFORM
13U	1,2-DICHLOROETHANE
13U	METHYL ETHYL KETONE
13U	1,1,1-TRICHLOROETHANE
13U	CARBON TETRACHLORIDE
13U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
13U	1,2-DICHLOROPROPANE
13U	CIS-1,3-DICHLOROPROPENE
13U	TRICHLOROETHENE(TRICHLOROETHYLENE)
13U	DIBROMOCHLOROMETHANE
13U	1,1,2-TRICHLOROETHANE
13U	BENZENE
13U	TRANS-1,3-DICHLOROPROPENE
13U	BROMOFORM
13U	METHYL ISOBUTYL KETONE
13U	METHYL BUTYL KETONE
13U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
13U	1,1,2,2-TETRACHLOROETHANE
13U	TOLUENE
13U	CHLOROBENZENE
13U	ETHYL BENZENE
13U	STYRENE
13U	TOTAL XYLENES
22	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59080 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS04

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1545 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC43

UG/KG	ANALYTICAL RESULTS
13U	CHLOROMETHANE
13U	BROMOMETHANE
13U	VINYL CHLORIDE
13U	CHLOROETHANE
80U	METHYLENE CHLORIDE
50U	ACETONE
13U	CARBON DISULFIDE
13U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
13U	1,1-DICHLOROETHANE
13U	1,2-DICHLOROETHENE (TOTAL)
13U	CHLOROFORM
13U	1,2-DICHLOROETHANE
13U	METHYL ETHYL KETONE
13U	1,1,1-TRICHLOROETHANE
13U	CARBON TETRACHLORIDE
13U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
13U	1,2-DICHLOROPROPANE
13U	CIS-1,3-DICHLOROPROPENE
13U	TRICHLOROETHENE(TRICHLOROETHYLENE)
13U	DIBROMOCHLOROMETHANE
13U	1,1,2-TRICHLOROETHANE
13U	BENZENE
13U	TRANS-1,3-DICHLOROPROPENE
13U	BROMOFORM
13U	METHYL ISOBUTYL KETONE
13U	METHYL BUTYL KETONE
13U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
13U	1,1,2,2-TETRACHLOROETHANE
30U	TOLUENE
13U	CHLOROBENZENE
13U	ETHYL BENZENE
13U	STYRENE
13U	TOTAL XYLENES
23	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59081 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS05

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0825 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC44

UG/KG	ANALYTICAL RESULTS
13U	CHLOROMETHANE
13U	BROMOMETHANE
13U	VINYL CHLORIDE
13U	CHLOROETHANE
60U	METHYLENE CHLORIDE
40U	ACETONE
13U	CARBON DISULFIDE
13U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
13U	1,1-DICHLOROETHANE
13U	1,2-DICHLOROETHENE (TOTAL)
13U	CHLOROFORM
13U	1,2-DICHLOROETHANE
13U	METHYL ETHYL KETONE
13U	1,1,1-TRICHLOROETHANE
13U	CARBON TETRACHLORIDE
13U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
13U	1,2-DICHLOROPROPANE
13U	CIS-1,3-DICHLOROPROPENE
13U	TRICHLOROETHENE(TRICHLOROETHYLENE)
13U	DIBROMOCHLOROMETHANE
13U	1,1,2-TRICHLOROETHANE
13U	BENZENE
13U	TRANS-1,3-DICHLOROPROPENE
13U	BROMOFORM
13U	METHYL ISOBUTYL KETONE
13U	METHYL BUTYL KETONE
13U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
13U	1,1,2,2-TETRACHLOROETHANE
13U	TOLUENE
13U	CHLOROBENZENE
13U	ETHYL BENZENE
13U	STYRENE
13U	TOTAL XYLENES
25	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59083 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS06

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1225 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC46

UG/KG	ANALYTICAL RESULTS
12U	CHLOROMETHANE
12U	BROMOMETHANE
12U	VINYL CHLORIDE
12U	CHLOROETHANE
40U	METHYLENE CHLORIDE
20U	ACETONE
12U	CARBON DISULFIDE
12U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
12U	1,1-DICHLOROETHANE
12U	1,2-DICHLOROETHENE (TOTAL)
12U	CHLOROFORM
12U	1,2-DICHLOROETHANE
12U	METHYL ETHYL KETONE
12U	1,1,1-TRICHLOROETHANE
12U	CARBON TETRACHLORIDE
12U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
12U	1,2-DICHLOROPROPANE
12U	CIS-1,3-DICHLOROPROPENE
12U	TRICHLOROETHENE(TRICHLOROETHYLENE)
12U	DIBROMOCHLOROMETHANE
12U	1,1,2-TRICHLOROETHANE
12U	BENZENE
12U	TRANS-1,3-DICHLOROPROPENE
12U	BROMOFORM
12U	METHYL ISOBUTYL KETONE
12U	METHYL BUTYL KETONE
12U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
12U	1,1,2,2-TETRACHLOROETHANE
12U	TOLUENE
12U	CHLOROBENZENE
12U	ETHYL BENZENE
12U	STYRENE
12U	TOTAL XYLENES
20	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59085 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: SS07 COLLECTION START: 06/13/91 1200 STOP: 00/00/00 **
**
** CASE NO.: 16599 SAS NO.: D. NO.: BC48 **

UG/KG	ANALYTICAL RESULTS
11U	CHLOROMETHANE
11U	BROMOMETHANE
11U	VINYL CHLORIDE
11U	CHLOROETHANE
30U	METHYLENE CHLORIDE
11U	ACETONE
11U	CARBON DISULFIDE
11U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
11U	1,1-DICHLOROETHANE
11U	1,2-DICHLOROETHENE (TOTAL)
11U	CHLOROFORM
11U	1,2-DICHLOROETHANE
11U	METHYL ETHYL KETONE
11U	1,1,1-TRICHLOROETHANE
11U	CARBON TETRACHLORIDE
11U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
11U	1,2-DICHLOROPROPANE
11U	CIS-1,3-DICHLOROPROPENE
11U	TRICHLOROETHENE(TRICHLOROETHYLENE)
11U	DIBROMOCHLOROMETHANE
11U	1,1,2-TRICHLOROETHANE
11U	BENZENE
11U	TRANS-1,3-DICHLOROPROPENE
11U	BROMOFORM
11U	METHYL ISOBUTYL KETONE
11U	METHYL BUTYL KETONE
11U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
11U	1,1,2,2-TETRACHLOROETHANE
11U	TOLUENE
11U	CHLOROBENZENE
11U	ETHYL BENZENE
11U	STYRENE
11U	TOTAL XYLENES
12	PERCENT MOISTURE

REMARKS ***REMARKS***

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59099 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS08

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1140 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC61

UG/KG	ANALYTICAL RESULTS
12U	CHLOROMETHANE
12U	BROMOMETHANE
12U	VINYL CHLORIDE
12U	CHLOROETHANE
40U	METHYLENE CHLORIDE
20U	ACETONE
12U	CARBON DISULFIDE
12U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
12U	1,1-DICHLOROETHANE
12U	1,2-DICHLOROETHENE (TOTAL)
12U	CHLOROFORM
12U	1,2-DICHLOROETHANE
12U	METHYL ETHYL KETONE
12U	1,1,1-TRICHLOROETHANE
12U	CARBON TETRACHLORIDE
12U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
12U	1,2-DICHLOROPROPANE
12U	CIS-1,3-DICHLOROPROPENE
12U	TRICHLOROETHENE(TRICHLOROETHYLENE)
12U	DIBROMOCHLOROMETHANE
12U	1,1,2-TRICHLOROETHANE
12U	BENZENE
12U	TRANS-1,3-DICHLOROPROPENE
12U	BROMOFORM
12U	METHYL ISOBUTYL KETONE
12U	METHYL BUTYL KETONE
12U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
12U	1,1,2,2-TETRACHLOROETHANE
12U	TOLUENE
12U	CHLOROBENZENE
12U	ETHYL BENZENE
12U	STYRENE
12U	TOTAL XYLENES
19	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59106 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: TB01S COLLECTION START: 06/12/91 0700 STOP: 00/00/00 **
**
** CASE NO.: 16599 SAS NO.: D. NO.: BC64 **

UG/KG	ANALYTICAL RESULTS
11U	CHLOROMETHANE
11U	BROMOMETHANE
11U	VINYL CHLORIDE
11U	CHLOROETHANE
50U	METHYLENE CHLORIDE
70U	ACETONE
11U	CARBON DISULFIDE
11U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
11U	1,1-DICHLOROETHANE
11U	1,2-DICHLOROETHENE (TOTAL)
11U	CHLOROFORM
11U	1,2-DICHLOROETHANE
11U	METHYL ETHYL KETONE
11U	1,1,1-TRICHLOROETHANE
11U	CARBON TETRACHLORIDE
11U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
11U	1,2-DICHLOROPROPANE
11U	CIS-1,3-DICHLOROPROPENE
11U	TRICHLOROETHENE(TRICHLOROETHYLENE)
11U	DIBROMOCHLOROMETHANE
11U	1,1,2-TRICHLOROETHANE
11U	BENZENE
11U	TRANS-1,3-DICHLOROPROPENE
11U	BROMOFORM
11U	METHYL ISOBUTYL KETONE
11U	METHYL BUTYL KETONE
11U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
11U	1,1,2,2-TETRACHLOROETHANE
11U	TOLUENE
11U	CHLOROBENZENE
11U	ETHYL BENZENE
11U	STYRENE
11U	TOTAL XYLENES
8	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59082 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB05
CASE.NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0830 STOP: 00/00/00
D. NO.: BC45 MD NO: BF45

ANALYTICAL RESULTS UG/KG

200JN PROPYLBENZENE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

*** ***
** PROJECT NO. 91-727 SAMPLE NO. 59100 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: SB08 COLLECTION START: 06/13/91 1150 STOP: 00/00/00 **
** CASE.NO.: 16599 SAS NO.: D. NO.: BC62 MD NO: BF62 **
** **
*** ***

ANALYTICAL RESULTS UG/KG

400J 4 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

```
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
**   PROJECT NO. 91-727   SAMPLE NO. 59087  SAMPLE TYPE: SOIL       PROG ELEM: NSF   COLLECTED BY: A WILLIAMS          **
**   SOURCE: UNION OIL CO SE TERM                                   CITY: GREENSBORO              ST: NC                **
**   STATION ID: SD01                                               COLLECTION START: 06/13/91  1000   STOP: 00/00/00   **
**   CASE.NO.: 16599          SAS NO.:                              D. NO.: BC50                MD NO: BF50             **
**                                                                                                                      **
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
```

ANALYTICAL RESULTS UG/KG

100J   2 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59074 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB01

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1455 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC37

UG/KG	ANALYTICAL RESULTS
440U	PHENOL
440U	BIS(2-CHLOROETHYL) ETHER
440U	2-CHLOROPHENOL
440U	1,3-DICHLOROBENZENE
440U	1,4-DICHLOROBENZENE
440U	1,2-DICHLOROBENZENE
440U	2-METHYLPHENOL
440U	2,2'-CHLOROISOPROPYLETHER
440U	(3-AND/OR 4-)METHYLPHENOL
440U	N-NITROSODI-N-PROPYLAMINE
440U	HEXACHLOROETHANE
440U	NITROBENZENE
440U	ISOPHORONE
440U	2-NITROPHENOL
440U	2,4-DIMETHYLPHENOL
440U	BIS(2-CHLOROETHOXY) METHANE
440U	2,4-DICHLOROPHENOL
440U	1,2,4-TRICHLOROBENZENE
440U	NAPHTHALENE
440U	4-CHLOROANILINE
440U	HEXACHLOROBUTADIENE
440U	4-CHLORO-3-METHYLPHENOL
440U	2-METHYLNAPHTHALENE
440U	HEXACHLOROCYCLOPENTADIENE (HCCP)
440U	2,4,6-TRICHLOROPHENOL
1100U	2,4,5-TRICHLOROPHENOL
440U	2-CHLORONAPHTHALENE
1100U	2-NITROANILINE
440U	DIMETHYL PHTHALATE
440UR	ACENAPHTHYLENE
440U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
1100U	3-NITROANILINE
440U	ACENAPHTHENE
1100U	2,4-DINITROPHENOL
1100U	4-NITROPHENOL
440U	DIBENZOFURAN
440U	2,4-DINITROTOLUENE
440U	DIETHYL PHTHALATE
440U	4-CHLOROPHENYL PHENYL ETHER
440U	FLUORENE
1100U	4-NITROANILINE
1100U	2-METHYL-4,6-DINITROPHENOL
440U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
440U	4-BROMOPHENYL PHENYL ETHER
440U	HEXACHLOROBENZENE (HCB)
1100U	PENTACHLOROPHENOL
440U	PHENANTHRENE
440U	ANTHRACENE
440U	CARBAZOLE
440U	DI-N-BUTYLPHTHALATE
440U	FLUORANTHENE
440U	PYRENE
440U	BENZYL BUTYL PHTHALATE
440U	3,3'-DICHLOROBENZIDINE
440U	BENZO(A)ANTHRACENE
440U	CHRYSENE
440U	BIS(2-ETHYLHEXYL) PHTHALATE
440U	DI-N-OCTYLPHTHALATE
440U	BENZO(B AND/OR K)FLUORANTHENE
440U	BENZO-A-PYRENE
440U	INDENO (1,2,3-CD) PYRENE
440U	DIBENZO(A,H)ANTHRACENE
440U	BENZO(GHI)PERYLENE
25	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.   08/21/91

EXTRACTABLE ORGANICS DATA REPORT

*** ***

** PROJECT NO. 91-727 SAMPLE NO. 59076 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: SB02 COLLECTION START: 06/12/91 1515 STOP: 00/00/00 **
** **
** CASE NO.: 16599 SAS NO.: D. NO.: BC39 **

*** ***

UG/KG	ANALYTICAL RESULTS
480U	PHENOL
480U	BIS(2-CHLOROETHYL) ETHER
480U	2-CHLOROPHENOL
480U	1,3-DICHLOROBENZENE
480U	1,4-DICHLOROBENZENE
480U	1,2-DICHLOROBENZENE
480U	2-METHYLPHENOL
480U	2,2'-CHLOROISOPROPYLETHER
480U	(3-AND/OR 4-)METHYLPHENOL
480U	N-NITROSODI-N-PROPYLAMINE
480U	HEXACHLOROETHANE
480U	NITROBENZENE
480U	ISOPHORONE
480U	2-NITROPHENOL
480U	2,4-DIMETHYLPHENOL
480U	BIS(2-CHLOROETHOXY) METHANE
480U	2,4-DICHLOROPHENOL
480U	1,2,4-TRICHLOROBENZENE
480U	NAPHTHALENE
480U	4-CHLOROANILINE
480U	HEXACHLOROBUTADIENE
480U	4-CHLORO-3-METHYLPHENOL
480U	2-METHYLNAPHTHALENE
480U	HEXACHLOROCYCLOPENTADIENE (HCCP)
480U	2,4,6-TRICHLOROPHENOL
1200U	2,4,5-TRICHLOROPHENOL
480U	2-CHLORONAPHTHALENE
1200U	2-NITROANILINE
480U	DIMETHYL PHTHALATE
480UR	ACENAPHTHYLENE
480U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
1200U	3-NITROANILINE
480U	ACENAPHTHENE
1200U	2,4-DINITROPHENOL
1200U	4-NITROPHENOL
480U	DIBENZOFURAN
480U	2,4-DINITROTOLUENE
480U	DIETHYL PHTHALATE
480U	4-CHLOROPHENYL PHENYL ETHER
480U	FLUORENE
1200U	4-NITROANILINE
1200U	2-METHYL-4,6-DINITROPHENOL
480U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
480U	4-BROMOPHENYL PHENYL ETHER
480U	HEXACHLOROBENZENE (HCB)
1200U	PENTACHLOROPHENOL
480U	PHENANTHRENE
480U	ANTHRACENE
480U	CARBAZOLE
210J	DI-N-BUTYLPHTHALATE
480U	FLUORANTHENE
480U	PYRENE
480U	BENZYL BUTYL PHTHALATE
480U	3,3'-DICHLOROBENZIDINE
480U	BENZO(A)ANTHRACENE
480U	CHRYSENE
480U	BIS(2-ETHYLHEXYL) PHTHALATE
480U	DI-N-OCTYLPHTHALATE
480U	BENZO(B AND/OR K)FLUORANTHENE
480U	BENZO-A-PYRENE
480U	INDENO (1,2,3-CD) PYRENE
480U	DIBENZO(A,H)ANTHRACENE
480U	BENZO(GHI)PERYLENE
32	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59078 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB03
PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1530 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC41

UG/KG	ANALYTICAL RESULTS
470U	PHENOL
470U	BIS(2-CHLOROETHYL) ETHER
470U	2-CHLOROPHENOL
470U	1,3-DICHLOROBENZENE
470U	1,4-DICHLOROBENZENE
470U	1,2-DICHLOROBENZENE
470U	2-METHYLPHENOL
470U	2,2'-CHLOROISOPROPYLETHER
470U	(3-AND/OR 4-)METHYLPHENOL
470U	N-NITROSODI-N-PROPYLAMINE
470U	HEXACHLOROETHANE
470U	NITROBENZENE
470U	ISOPHORONE
470U	2-NITROPHENOL
470U	2,4-DIMETHYLPHENOL
470U	BIS(2-CHLOROETHOXY) METHANE
470U	2,4-DICHLOROPHENOL
470U	1,2,4-TRICHLOROBENZENE
470U	NAPHTHALENE
470U	4-CHLOROANILINE
470U	HEXACHLOROBUTADIENE
470U	4-CHLORO-3-METHYLPHENOL
470U	2-METHYLNAPHTHALENE
470U	HEXACHLOROCYCLOPENTADIENE (HCCP)
470U	2,4,6-TRICHLOROPHENOL
1100U	2,4,5-TRICHLOROPHENOL
470U	2-CHLORONAPHTHALENE
1100U	2-NITROANILINE
470U	DIMETHYL PHTHALATE
470UR	ACENAPHTHYLENE
470U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
1100U	3-NITROANILINE
470U	ACENAPHTHENE
1100U	2,4-DINITROPHENOL
1100U	4-NITROPHENOL
470U	DIBENZOFURAN
470U	2,4-DINITROTOLUENE
470U	DIETHYL PHTHALATE
470U	4-CHLOROPHENYL PHENYL ETHER
470U	FLUORENE
1100U	4-NITROANILINE
1100U	2-METHYL-4,6-DINITROPHENOL
470U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
470U	4-BROMOPHENYL PHENYL ETHER
470U	HEXACHLOROBENZENE (HCB)
1100U	PENTACHLOROPHENOL
470U	PHENANTHRENE
470U	ANTHRACENE
470U	CARBAZOLE
470U	DI-N-BUTYLPHTHALATE
470U	FLUORANTHENE
470U	PYRENE
470U	BENZYL BUTYL PHTHALATE
470U	3,3'-DICHLOROBENZIDINE
470U	BENZO(A)ANTHRACENE
470U	CHRYSENE
470U	BIS(2-ETHYLHEXYL) PHTHALATE
470U	DI-N-OCTYLPHTHALATE
470U	BENZO(B AND/OR K)FLUORANTHENE
470U	BENZO-A-PYRENE
470U	INDENO (1,2,3-CD) PYRENE
470U	DIBENZO(A,H)ANTHRACENE
470U	BENZO(GHI)PERYLENE
30	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59079 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB04

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1555 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC42

UG/KG	ANALYTICAL RESULTS
460U	PHENOL
460U	BIS(2-CHLOROETHYL) ETHER
460U	2-CHLOROPHENOL
460U	1,3-DICHLOROBENZENE
460U	1,4-DICHLOROBENZENE
460U	1,2-DICHLOROBENZENE
460U	2-METHYLPHENOL
460U	2,2'-CHLOROISOPROPYLETHER
460U	(3-AND/OR 4-)METHYLPHENOL
460U	N-NITROSODI-N-PROPYLAMINE
460U	HEXACHLOROETHANE
460U	NITROBENZENE
460U	ISOPHORONE
460U	2-NITROPHENOL
460U	2,4-DIMETHYLPHENOL
460U	BIS(2-CHLOROETHOXY) METHANE
460U	2,4-DICHLOROPHENOL
460U	1,2,4-TRICHLOROBENZENE
460U	NAPHTHALENE
460U	4-CHLOROANILINE
460U	HEXACHLOROBUTADIENE
460U	4-CHLORO-3-METHYLPHENOL
460U	2 METHYLNAPHTHALENE
460U	HEXACHLOROCYCLOPENTADIENE (HCCP)
460U	2,4,6-TRICHLOROPHENOL
1100U	2,4,5-TRICHLOROPHENOL
460U	2-CHLORONAPHTHALENE
1100U	2-NITROANILINE
460U	DIMETHYL PHTHALATE
460UR	ACENAPHTHYLENE
460U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
1100U	3-NITROANILINE
460U	ACENAPHTHENE
1100U	2,4-DINITROPHENOL
1100U	4-NITROPHENOL
460U	DIBENZOFURAN
460U	2,4-DINITROTOLUENE
460U	DIETHYL PHTHALATE
460U	4-CHLOROPHENYL PHENYL ETHER
460U	FLUORENE
1100U	4-NITROANILINE
1100U	2-METHYL-4,6-DINITROPHENOL
460U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
460U	4-BROMOPHENYL PHENYL ETHER
460U	HEXACHLOROBENZENE (HCB)
1100U	PENTACHLOROPHENOL
460U	PHENANTHRENE
460U	ANTHRACENE
460U	CARBAZOLE
460U	DI-N-BUTYLPHTHALATE
460U	FLUORANTHENE
460U	PYRENE
460U	BENZYL BUTYL PHTHALATE
460U	3,3' DICHLOROBENZIDINE
460U	BENZO(A)ANTHRACENE
460U	CHRYSENE
460U	BIS(2-ETHYLHEXYL) PHTHALATE
460U	DI-N-OCTYLPHTHALATE
460U	BENZO(B AND/OR K)FLUORANTHENE
460U	BENZO-A-PYRENE
460U	INDENO (1,2,3-CD) PYRENE
460U	DIBENZO(A,H)ANTHRACENE
460U	BENZO(GHI)PERYLENE
28	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59082 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB05

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0830 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC45

UG/KG	ANALYTICAL RESULTS
470U	PHENOL
470U	BIS(2-CHLOROETHYL) ETHER
470U	2-CHLOROPHENOL
470U	1,3-DICHLOROBENZENE
470U	1,4-DICHLOROBENZENE
470U	1,2-DICHLOROBENZENE
470U	2-METHYLPHENOL
470U	2,2'-CHLOROISOPROPYLETHER
470U	(3-AND/OR 4-)METHYLPHENOL
470U	N-NITROSODI-N-PROPYLAMINE
470U	HEXACHLOROETHANE
470U	NITROBENZENE
470U	ISOPHORONE
470U	2-NITROPHENOL
470U	2,4-DIMETHYLPHENOL
470U	BIS(2-CHLOROETHOXY) METHANE
470U	2,4-DICHLOROPHENOL
470U	1,2,4-TRICHLOROBENZENE
470U	NAPHTHALENE
470U	4-CHLOROANILINE
470U	HEXACHLOROBUTADIENE
470U	4-CHLORO-3-METHYLPHENOL
710	2-METHYLNAPHTHALENE
470U	HEXACHLOROCYCLOPENTADIENE (HCCP)
470U	2,4,6-TRICHLOROPHENOL
1100U	2,4,5-TRICHLOROPHENOL
470U	2-CHLORONAPHTHALENE
1100U	2-NITROANILINE
470U	DIMETHYL PHTHALATE
470UR	ACENAPHTHYLENE
470U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
1100U	3-NITROANILINE
470U	ACENAPHTHENE
1100U	2,4-DINITROPHENOL
1100U	4-NITROPHENOL
470U	DIBENZOFURAN
470U	2,4-DINITROTOLUENE
470U	DIETHYL PHTHALATE
470U	4-CHLOROPHENYL PHENYL ETHER
470U	FLUORENE
1100U	4-NITROANILINE
1100U	2-METHYL-4,6-DINITROPHENOL
470U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
470U	4-BROMOPHENYL PHENYL ETHER
470U	HEXACHLOROBENZENE (HCB)
1100U	PENTACHLOROPHENOL
470U	PHENANTHRENE
470U	ANTHRACENE
470U	CARBAZOLE
470U	DI-N-BUTYLPHTHALATE
470U	FLUORANTHENE
470U	PYRENE
470U	BENZYL BUTYL PHTHALATE
470U	3,3'-DICHLOROBENZIDINE
470U	BENZO(A)ANTHRACENE
470U	CHRYSENE
470U	BIS(2-ETHYLHEXYL) PHTHALATE
470U	DI-N-OCTYLPHTHALATE
470U	BENZO(B AND/OR K)FLUORANTHENE
470U	BENZO-A-PYRENE
470U	INDENO (1,2,3-CD) PYRENE
470U	DIBENZO(A,H)ANTHRACENE
470U	BENZO(GHI)PERYLENE
30	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59084 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB06

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1235 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC47

UG/KG	ANALYTICAL RESULTS	UG/KG	ANALYTICAL RESULTS
510U	PHENOL	1200U	3-NITROANILINE
510U	BIS(2-CHLOROETHYL) ETHER	510U	ACENAPHTHENE
510U	2-CHLOROPHENOL	1200U	2,4-DINITROPHENOL
510U	1,3-DICHLOROBENZENE	1200U	4-NITROPHENOL
510U	1,4-DICHLOROBENZENE	510U	DIBENZOFURAN
510U	1,2-DICHLOROBENZENE	510U	2,4-DINITROTOLUENE
510U	2-METHYLPHENOL	510U	DIETHYL PHTHALATE
510U	2,2'-CHLOROISOPROPYLETHER	510U	4-CHLOROPHENYL PHENYL ETHER
510U	(3-AND/OR 4-)METHYLPHENOL	510U	FLUORENE
510U	N-NITROSODI-N-PROPYLAMINE	1200U	4-NITROANILINE
510U	HEXACHLOROETHANE	1200U	2-METHYL-4,6-DINITROPHENOL
510U	NITROBENZENE	510U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
510U	ISOPHORONE	510U	4-BROMOPHENYL PHENYL ETHER
510U	2-NITROPHENOL	510U	HEXACHLOROBENZENE (HCB)
510U	2,4-DIMETHYLPHENOL	1200U	PENTACHLOROPHENOL
510U	BIS(2-CHLOROETHOXY) METHANE	510U	PHENANTHRENE
510U	2,4-DICHLOROPHENOL	510U	ANTHRACENE
510U	1,2,4-TRICHLOROBENZENE	510U	CARBAZOLE
510U	NAPHTHALENE	510U	DI-N-BUTYLPHTHALATE
510U	4-CHLOROANILINE	510U	FLUORANTHENE
510U	HEXACHLOROBUTADIENE	510U	PYRENE
510U	4-CHLORO-3-METHYLPHENOL	510U	BENZYL BUTYL PHTHALATE
510U	2-METHYLNAPHTHALENE	510U	3,3'-DICHLOROBENZIDINE
510U	HEXACHLOROCYCLOPENTADIENE (HCCP)	510U	BENZO(A)ANTHRACENE
510U	2,4,6-TRICHLOROPHENOL	510U	CHRYSENE
1200U	2,4,5-TRICHLOROPHENOL	510U	BIS(2-ETHYLHEXYL) PHTHALATE
510U	2-CHLORONAPHTHALENE	510U	DI-N-OCTYLPHTHALATE
1200U	2-NITROANILINE	510U	BENZO(B AND/OR K)FLUORANTHENE
510U	DIMETHYL PHTHALATE	510U	BENZO-A-PYRENE
510UR	ACENAPHTHYLENE	510U	INDENO (1,2,3-CD) PYRENE
510U	2,6-DINITROTOLUENE	510U	DIBENZO(A,H)ANTHRACENE
		510U	BENZO(GHI)PERYLENE
		35	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59086 SAMPLE TYPE: SOIL
** SOURCE: UNION OIL CO SE TERM
** STATION ID: SB07

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1210 STOP: 00/00/00

** CASE NO.: 16599 SAS NO.: D. NO.: BC49

UG/KG	ANALYTICAL RESULTS
440U	PHENOL
440U	BIS(2-CHLOROETHYL) ETHER
440U	2-CHLOROPHENOL
440U	1,3-DICHLOROBENZENE
440U	1,4-DICHLOROBENZENE
440U	1,2-DICHLOROBENZENE
440U	2-METHYLPHENOL
440U	2,2'-CHLOROISOPROPYLETHER
440U	(3-AND/OR 4-)METHYLPHENOL
440U	N-NITROSODI-N-PROPYLAMINE
440U	HEXACHLOROETHANE
440U	NITROBENZENE
440U	ISOPHORONE
440U	2-NITROPHENOL
440U	2,4-DIMETHYLPHENOL
440U	BIS(2-CHLOROETHOXY) METHANE
440U	2,4-DICHLOROPHENOL
440U	1,2,4-TRICHLOROBENZENE
440U	NAPHTHALENE
440U	4-CHLOROANILINE
440U	HEXACHLOROBUTADIENE
440U	4-CHLORO-3-METHYLPHENOL
440U	2-METHYLNAPHTHALENE
440U	HEXACHLOROCYCLOPENTADIENE (HCCP)
440U	2,4,6-TRICHLOROPHENOL
1100U	2,4,5-TRICHLOROPHENOL
440U	2-CHLORONAPHTHALENE
1100U	2-NITROANILINE
440U	DIMETHYL PHTHALATE
440UR	ACENAPHTHYLENE
440U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
1100U	3-NITROANILINE
440U	ACENAPHTHENE
1100U	2,4-DINITROPHENOL
1100U	4-NITROPHENOL
440U	DIBENZOFURAN
440U	2,4-DINITROTOLUENE
440U	DIETHYL PHTHALATE
440U	4-CHLOROPHENYL PHENYL ETHER
440U	FLUORENE
1100U	4-NITROANILINE
1100U	2-METHYL-4,6-DINITROPHENOL
440U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
440U	4-BROMOPHENYL PHENYL ETHER
440U	HEXACHLOROBENZENE (HCB)
1100U	PENTACHLOROPHENOL
440U	PHENANTHRENE
440U	ANTHRACENE
440U	CARBAZOLE
440U	DI-N-BUTYLPHTHALATE
440U	FLUORANTHENE
440U	PYRENE
440U	BENZYL BUTYL PHTHALATE
440U	3,3'-DICHLOROBENZIDINE
440U	BENZO(A)ANTHRACENE
440U	CHRYSENE
440U	BIS(2-ETHYLHEXYL) PHTHALATE
440U	DI-N-OCTYLPHTHALATE
440U	BENZO(B AND/OR K)FLUORANTHENE
440U	BENZO-A-PYRENE
440U	INDENO (1,2,3-CD) PYRENE
440U	DIBENZO(A,H)ANTHRACENE
440U	BENZO(GHI)PERYLENE
25	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59100 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB08

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1150 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC62

UG/KG	ANALYTICAL RESULTS
430U	PHENOL
430U	BIS(2-CHLOROETHYL) ETHER
430U	2-CHLOROPHENOL
430U	1,3-DICHLOROBENZENE
430U	1,4-DICHLOROBENZENE
430U	1,2-DICHLOROBENZENE
430U	2-METHYLPHENOL
430U	2,2'-CHLOROISOPROPYLETHER
430U	(3-AND/OR 4-)METHYLPHENOL
430U	N-NITROSODI-N-PROPYLAMINE
430U	HEXACHLOROETHANE
430U	NITROBENZENE
430U	ISOPHORONE
430U	2-NITROPHENOL
430U	2,4-DIMETHYLPHENOL
430U	BIS(2-CHLOROETHOXY) METHANE
430U	2,4-DICHLOROPHENOL
430U	1,2,4-TRICHLOROBENZENE
430U	NAPHTHALENE
430U	4-CHLOROANILINE
430U	HEXACHLOROBUTADIENE
430U	4-CHLORO-3-METHYLPHENOL
430U	2-METHYLNAPHTHALENE
430U	HEXACHLOROCYCLOPENTADIENE (HCCP)
430U	2,4,6-TRICHLOROPHENOL
1100U	2,4,5-TRICHLOROPHENOL
430U	2-CHLORONAPHTHALENE
1100U	2-NITROANILINE
430U	DIMETHYL PHTHALATE
430UR	ACENAPHTHYLENE
430U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
1100U	3-NITROANILINE
430U	ACENAPHTHENE
1100U	2,4-DINITROPHENOL
1100U	4-NITROPHENOL
430U	DIBENZOFURAN
430U	2,4-DINITROTOLUENE
430U	DIETHYL PHTHALATE
430U	4-CHLOROPHENYL PHENYL ETHER
430U	FLUORENE
1100U	4-NITROANILINE
1100U	2-METHYL-4,6-DINITROPHENOL
430U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
430U	4-BROMOPHENYL PHENYL ETHER
430U	HEXACHLOROBENZENE (HCB)
1100U	PENTACHLOROPHENOL
430U	PHENANTHRENE
430U	ANTHRACENE
430U	CARBAZOLE
430U	DI-N-BUTYLPHTHALATE
430U	FLUORANTHENE
430U	PYRENE
430U	BENZYL BUTYL PHTHALATE
430U	3,3'-DICHLOROBENZIDINE
430U	BENZO(A)ANTHRACENE
430U	CHRYSENE
430U	BIS(2-ETHYLHEXYL) PHTHALATE
430U	DI-N-OCTYLPHTHALATE
430U	BENZO(B AND/OR K)FLUORANTHENE
430U	BENZO-A-PYRENE
430U	INDENO (1,2,3-CD) PYRENE
430U	DIBENZO(A,H)ANTHRACENE
430U	BENZO(GHI)PERYLENE
24	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 91-727 SAMPLE NO. 59087 SAMPLE TYPE: SOIL
** SOURCE: UNION OIL CO SE TERM
** STATION ID: SD01
**
** CASE NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1000 STOP: 00/00/00
D. NO.: BC50

UG/KG	ANALYTICAL RESULTS
480U	PHENOL
480U	BIS(2-CHLOROETHYL) ETHER
480U	2-CHLOROPHENOL
480U	1,3-DICHLOROBENZENE
480U	1,4-DICHLOROBENZENE
480U	1,2-DICHLOROBENZENE
480U	2-METHYLPHENOL
480U	2,2'-CHLOROISOPROPYLETHER
480U	(3-AND/OR 4-)METHYLPHENOL
480U	N-NITROSODI-N-PROPYLAMINE
480U	HEXACHLOROETHANE
480U	NITROBENZENE
480U	ISOPHORONE
480U	2-NITROPHENOL
480U	2,4-DIMETHYLPHENOL
480U	BIS(2-CHLOROETHOXY) METHANE
480U	2,4-DICHLOROPHENOL
480U	1,2,4-TRICHLOROBENZENE
480U	NAPHTHALENE
480U	4-CHLOROANILINE
480U	HEXACHLOROBUTADIENE
480U	4-CHLORO-3-METHYLPHENOL
480U	2-METHYLNAPHTHALENE
480U	HEXACHLOROCYCLOPENTADIENE (HCCP)
480U	2,4,6-TRICHLOROPHENOL
1200U	2,4,5-TRICHLOROPHENOL
480U	2-CHLORONAPHTHALENE
1200U	2-NITROANILINE
480U	DIMETHYL PHTHALATE
480UR	ACENAPHTHYLENE
480U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
1200U	3-NITROANILINE
480U	ACENAPHTHENE
1200U	2,4-DINITROPHENOL
1200U	4-NITROPHENOL
480U	DIBENZOFURAN
480U	2,4-DINITROTOLUENE
480U	DIETHYL PHTHALATE
480U	4-CHLOROPHENYL PHENYL ETHER
480U	FLUORENE
1200U	4-NITROANILINE
1200U	2-METHYL-4,6-DINITROPHENOL
480U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
480U	4-BROMOPHENYL PHENYL ETHER
480U	HEXACHLOROBENZENE (HCB)
1200U	PENTACHLOROPHENOL
480U	PHENANTHRENE
480U	ANTHRACENE
480U	CARBAZOLE
480U	DI-N-BUTYLPHTHALATE
74J	FLUORANTHENE
79J	PYRENE
480U	BENZYL BUTYL PHTHALATE
480U	3,3'-DICHLOROBENZIDINE
480U	BENZO(A)ANTHRACENE
56J	CHRYSENE
480U	BIS(2-ETHYLHEXYL) PHTHALATE
480U	DI-N-OCTYLPHTHALATE
55J	BENZO(B AND/OR K)FLUORANTHENE
480U	BENZO-A-PYRENE
480U	INDENO (1,2,3-CD) PYRENE
480U	DIBENZO(A,H)ANTHRACENE
120J	BENZO(GHI)PERYLENE
31	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59073 SAMPLE TYPE: SOIL
** SOURCE: UNION OIL CO SE TERM
** STATION ID: SS01
**
** CASE NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1445 STOP: 00/00/00
D. NO.: BC36

UG/KG	ANALYTICAL RESULTS
390U	PHENOL
390U	BIS(2-CHLOROETHYL) ETHER
390U	2-CHLOROPHENOL
390U	1,3-DICHLOROBENZENE
390U	1,4-DICHLOROBENZENE
390U	1,2-DICHLOROBENZENE
390U	2-METHYLPHENOL
390U	2,2'-CHLOROISOPROPYLETHER
390U	(3-AND/OR 4-)METHYLPHENOL
390U	N-NITROSODI-N-PROPYLAMINE
390U	HEXACHLOROETHANE
390U	NITROBENZENE
390U	ISOPHORONE
390U	2-NITROPHENOL
390U	2,4-DIMETHYLPHENOL
390U	BIS(2-CHLOROETHOXY) METHANE
390U	2,4-DICHLOROPHENOL
390U	1,2,4-TRICHLOROBENZENE
390U	NAPHTHALENE
390U	4-CHLOROANILINE
390U	HEXACHLOROBUTADIENE
390U	4-CHLORO-3-METHYLPHENOL
390U	2-METHYLNAPHTHALENE
390U	HEXACHLOROCYCLOPENTADIENE (HCCP)
390U	2,4,6-TRICHLOROPHENOL
950U	2,4,5-TRICHLOROPHENOL
390U	2-CHLORONAPHTHALENE
950U	2-NITROANILINE
390U	DIMETHYL PHTHALATE
390UR	ACENAPHTHYLENE
390U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
950U	3-NITROANILINE
390U	ACENAPHTHENE
950U	2,4-DINITROPHENOL
950U	4-NITROPHENOL
390U	DIBENZOFURAN
390U	2,4-DINITROTOLUENE
390U	DIETHYL PHTHALATE
390U	4-CHLOROPHENYL PHENYL ETHER
390U	FLUORENE
950U	4-NITROANILINE
950U	2-METHYL-4,6-DINITROPHENOL
390U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
390U	4-BROMOPHENYL PHENYL ETHER
390U	HEXACHLOROBENZENE (HCB)
950U	PENTACHLOROPHENOL
390U	PHENANTHRENE
390U	ANTHRACENE
390U	CARBAZOLE
390U	DI-N-BUTYLPHTHALATE
390U	FLUORANTHENE
390U	PYRENE
390U	BENZYL BUTYL PHTHALATE
390U	3,3'-DICHLOROBENZIDINE
390U	BENZO(A)ANTHRACENE
390U	CHRYSENE
390U	BIS(2-ETHYLHEXYL) PHTHALATE
390U	DI-N-OCTYLPHTHALATE
390U	BENZO(B AND/OR K)FLUORANTHENE
390U	BENZO-A-PYRENE
390U	INDENO (1,2,3-CD) PYRENE
390U	DIBENZO(A,H)ANTHRACENE
390U	BENZO(GHI)PERYLENE
16	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 91-727 SAMPLE NO. 59075 SAMPLE TYPE: SOIL
** SOURCE: UNION OIL CO SE TERM
** STATION ID: SS02
**
** CASE NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1510 STOP: 00/00/00

D. NO.: BC38

UG/KG	ANALYTICAL RESULTS
460U	PHENOL
460U	BIS(2-CHLOROETHYL) ETHER
460U	2-CHLOROPHENOL
460U	1,3-DICHLOROBENZENE
460U	1,4-DICHLOROBENZENE
460U	1,2-DICHLOROBENZENE
460U	2-METHYLPHENOL
460U	2,2'-CHLOROISOPROPYLETHER
460U	(3-AND/OR 4-)METHYLPHENOL
460U	N-NITROSODI-N-PROPYLAMINE
460U	HEXACHLOROETHANE
460U	NITROBENZENE
460U	ISOPHORONE
460U	2-NITROPHENOL
460U	2,4-DIMETHYLPHENOL
460U	BIS(2-CHLOROETHOXY) METHANE
460U	2,4-DICHLOROPHENOL
460U	1,2,4-TRICHLOROBENZENE
460U	NAPHTHALENE
460U	4-CHLOROANILINE
460U	HEXACHLOROBUTADIENE
460U	4-CHLORO-3-METHYLPHENOL
460U	2-METHYLNAPHTHALENE
460U	HEXACHLOROCYCLOPENTADIENE (HCCP)
460U	2,4,6-TRICHLOROPHENOL
1100U	2,4,5-TRICHLOROPHENOL
460U	2-CHLORONAPHTHALENE
1100U	2-NITROANILINE
460U	DIMETHYL PHTHALATE
460UR	ACENAPHTHYLENE
460U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
1100U	3-NITROANILINE
460U	ACENAPHTHENE
1100U	2,4-DINITROPHENOL
1100U	4-NITROPHENOL
460U	DIBENZOFURAN
460U	2,4-DINITROTOLUENE
460U	DIETHYL PHTHALATE
460U	4-CHLOROPHENYL PHENYL ETHER
460U	FLUORENE
1100U	4-NITROANILINE
1100U	2-METHYL-4,6-DINITROPHENOL
460U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
460U	4-BROMOPHENYL PHENYL ETHER
460U	HEXACHLOROBENZENE (HCB)
1100U	PENTACHLOROPHENOL
460U	PHENANTHRENE
460U	ANTHRACENE
460U	CARBAZOLE
460U	DI-N-BUTYLPHTHALATE
460U	FLUORANTHENE
460U	PYRENE
460U	BENZYL BUTYL PHTHALATE
460U	3,3'-DICHLOROBENZIDINE
460U	BENZO(A)ANTHRACENE
460U	CHRYSENE
460U	BIS(2-ETHYLHEXYL) PHTHALATE
460U	DI-N-OCTYLPHTHALATE
460U	BENZO(B AND/OR K)FLUORANTHENE
460U	BENZO-A-PYRENE
460U	INDENO (1,2,3-CD) PYRENE
460U	DIBENZO(A,H)ANTHRACENE
460U	BENZO(GHI)PERYLENE
29	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59077 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS03

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1525 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC40

UG/KG	ANALYTICAL RESULTS
420U	PHENOL
420U	BIS(2-CHLOROETHYL) ETHER
420U	2-CHLOROPHENOL
420U	1,3-DICHLOROBENZENE
420U	1,4-DICHLOROBENZENE
420U	1,2-DICHLOROBENZENE
420U	2-METHYLPHENOL
420U	2,2'-CHLOROISOPROPYLETHER
420U	(3-AND/OR 4-)METHYLPHENOL
420U	N-NITROSODI-N-PROPYLAMINE
420U	HEXACHLOROETHANE
420U	NITROBENZENE
420U	ISOPHORONE
420U	2-NITROPHENOL
420U	2,4-DIMETHYLPHENOL
420U	BIS(2-CHLOROETHOXY) METHANE
420U	2,4-DICHLOROPHENOL
420U	1,2,4-TRICHLOROBENZENE
420U	NAPHTHALENE
420U	4-CHLOROANILINE
420U	HEXACHLOROBUTADIENE
420U	4-CHLORO-3-METHYLPHENOL
420U	2-METHYLNAPHTHALENE
420U	HEXACHLOROCYCLOPENTADIENE (HCCP)
420U	2,4,6-TRICHLOROPHENOL
1000U	2,4,5-TRICHLOROPHENOL
420U	2-CHLORONAPHTHALENE
1000U	2-NITROANILINE
420U	DIMETHYL PHTHALATE
420UR	ACENAPHTHYLENE
420U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
1000U	3-NITROANILINE
420U	ACENAPHTHENE
1000U	2,4-DINITROPHENOL
1000U	4-NITROPHENOL
420U	DIBENZOFURAN
420U	2,4-DINITROTOLUENE
420U	DIETHYL PHTHALATE
420U	4-CHLOROPHENYL PHENYL ETHER
420U	FLUORENE
1000U	4-NITROANILINE
1000U	2-METHYL-4,6-DINITROPHENOL
420U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
420U	4-BROMOPHENYL PHENYL ETHER
420U	HEXACHLOROBENZENE (HCB)
1000U	PENTACHLOROPHENOL
420U	PHENANTHRENE
420U	ANTHRACENE
420U	CARBAZOLE
420U	DI-N-BUTYLPHTHALATE
420U	FLUORANTHENE
420U	PYRENE
420U	BENZYL BUTYL PHTHALATE
420U	3,3'-DICHLOROBENZIDINE
420U	BENZO(A)ANTHRACENE
420U	CHRYSENE
420U	BIS(2-ETHYLHEXYL) PHTHALATE
420U	DI-N-OCTYLPHTHALATE
420U	BENZO(B AND/OR K)FLUORANTHENE
420U	BENZO-A-PYRENE
420U	INDENO (1,2,3-CD) PYRENE
420U	DIBENZO(A,H)ANTHRACENE
420U	BENZO(GHI)PERYLENE
22	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 91-727 SAMPLE NO. 59080 SAMPLE TYPE: SOIL
** SOURCE: UNION OIL CO SE TERM
** STATION ID: SS04
**
** CASE NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1545 STOP: 00/00/00

D. NO.: BC43

UG/KG	ANALYTICAL RESULTS
430U	PHENOL
430U	BIS(2-CHLOROETHYL) ETHER
430U	2-CHLOROPHENOL
430U	1,3-DICHLOROBENZENE
430U	1,4-DICHLOROBENZENE
430U	1,2-DICHLOROBENZENE
430U	2-METHYLPHENOL
430U	2,2'-CHLOROISOPROPYLETHER
430U	(3-AND/OR 4-)METHYLPHENOL
430U	N-NITROSODI-N-PROPYLAMINE
430U	HEXACHLOROETHANE
430U	NITROBENZENE
430U	ISOPHORONE
430U	2-NITROPHENOL
430U	2,4-DIMETHYLPHENOL
430U	BIS(2-CHLOROETHOXY) METHANE
430U	2,4-DICHLOROPHENOL
430U	1,2,4-TRICHLOROBENZENE
430U	NAPHTHALENE
430U	4-CHLOROANILINE
430U	HEXACHLOROBUTADIENE
430U	4-CHLORO-3-METHYLPHENOL
430U	2-METHYLNAPHTHALENE
430U	HEXACHLOROCYCLOPENTADIENE (HCCP)
430U	2,4,6-TRICHLOROPHENOL
1000U	2,4,5-TRICHLOROPHENOL
430U	2-CHLORONAPHTHALENE
1000U	2-NITROANILINE
430U	DIMETHYL PHTHALATE
430UR	ACENAPHTHYLENE
430U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
1000U	3-NITROANILINE
430U	ACENAPHTHENE
1000U	2,4-DINITROPHENOL
1000U	4-NITROPHENOL
430U	DIBENZOFURAN
430U	2,4-DINITROTOLUENE
430U	DIETHYL PHTHALATE
430U	4-CHLOROPHENYL PHENYL ETHER
430U	FLUORENE
1000U	4-NITROANILINE
1000U	2-METHYL-4,6-DINITROPHENOL
430U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
430U	4-BROMOPHENYL PHENYL ETHER
430U	HEXACHLOROBENZENE (HCB)
1000U	PENTACHLOROPHENOL
430U	PHENANTHRENE
430U	ANTHRACENE
430U	CARBAZOLE
430U	DI-N-BUTYLPHTHALATE
430U	FLUORANTHENE
430U	PYRENE
430U	BENZYL BUTYL PHTHALATE
430U	3,3'-DICHLOROBENZIDINE
430U	BENZO(A)ANTHRACENE
430U	CHRYSENE
430U	BIS(2-ETHYLHEXYL) PHTHALATE
430U	DI-N-OCTYLPHTHALATE
430U	BENZO(B AND/OR K)FLUORANTHENE
430U	BENZO-A-PYRENE
430U	INDENO (1,2,3-CD) PYRENE
430U	DIBENZO(A,H)ANTHRACENE
430U	BENZO(GHI)PERYLENE
23	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

EXTRACTABLE ORGANICS DATA REPORT

** PROJECT NO. 91-727 SAMPLE NO. 59081 SAMPLE TYPE: SOIL
** SOURCE: UNION OIL CO SE TERM
** STATION ID: SS05

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0825 STOP: 00/00/00

** CASE NO.: 16599 SAS NO.: D. NO.: BC44

UG/KG	ANALYTICAL RESULTS
440U	PHENOL
440U	BIS(2-CHLOROETHYL) ETHER
440U	2-CHLOROPHENOL
440U	1,3-DICHLOROBENZENE
440U	1,4-DICHLOROBENZENE
440U	1,2-DICHLOROBENZENE
440U	2-METHYLPHENOL
440U	2,2'-CHLOROISOPROPYLETHER
440U	(3-AND/OR 4-)METHYLPHENOL
440U	N-NITROSODI-N-PROPYLAMINE
440U	HEXACHLOROETHANE
440U	NITROBENZENE
440U	ISOPHORONE
440U	2-NITROPHENOL
440U	2,4-DIMETHYLPHENOL
440U	BIS(2-CHLOROETHOXY) METHANE
440U	2,4-DICHLOROPHENOL
440U	1,2,4-TRICHLOROBENZENE
440U	NAPHTHALENE
440U	4-CHLOROANILINE
440U	HEXACHLOROBUTADIENE
440U	4-CHLORO-3-METHYLPHENOL
440U	2-METHYLNAPHTHALENE
440U	HEXACHLOROCYCLOPENTADIENE (HCCP)
440U	2,4,6-TRICHLOROPHENOL
1100U	2,4,5-TRICHLOROPHENOL
440U	2-CHLORONAPHTHALENE
1100U	2-NITROANILINE
440U	DIMETHYL PHTHALATE
440UR	ACENAPHTHYLENE
440U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
1100U	3-NITROANILINE
440U	ACENAPHTHENE
1100U	2,4-DINITROPHENOL
1100U	4-NITROPHENOL
440U	DIBENZOFURAN
440U	2,4-DINITROTOLUENE
440U	DIETHYL PHTHALATE
440U	4-CHLOROPHENYL PHENYL ETHER
440U	FLUORENE
1100U	4-NITROANILINE
1100U	2-METHYL-4,6-DINITROPHENOL
440U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
440U	4-BROMOPHENYL PHENYL ETHER
440U	HEXACHLOROBENZENE (HCB)
1100U	PENTACHLOROPHENOL
440U	PHENANTHRENE
440U	ANTHRACENE
440U	CARBAZOLE
440U	DI-N-BUTYLPHTHALATE
440U	FLUORANTHENE
440U	PYRENE
440U	BENZYL BUTYL PHTHALATE
440U	3,3'-DICHLOROBENZIDINE
440U	BENZO(A)ANTHRACENE
440U	CHRYSENE
440U	BIS(2-ETHYLHEXYL) PHTHALATE
440U	DI-N-OCTYLPHTHALATE
440U	BENZO(B AND/OR K)FLUORANTHENE
440U	BENZO-A-PYRENE
440U	INDENO (1,2,3-CD) PYRENE
440U	DIBENZO(A,H)ANTHRACENE
440U	BENZO(GHI)PERYLENE
25	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59083 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: SS06 COLLECTION START: 06/13/91 1225 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC46

UG/KG	ANALYTICAL RESULTS
410U	PHENOL
410U	BIS(2-CHLOROETHYL) ETHER
410U	2-CHLOROPHENOL
410U	1,3-DICHLOROBENZENE
410U	1,4-DICHLOROBENZENE
410U	1,2-DICHLOROBENZENE
410U	2-METHYLPHENOL
410U	2,2'-CHLOROISOPROPYLETHER
410U	(3-AND/OR 4-)METHYLPHENOL
410U	N-NITROSODI-N-PROPYLAMINE
410U	HEXACHLOROETHANE
410U	NITROBENZENE
410U	ISOPHORONE
410U	2-NITROPHENOL
410U	2,4-DIMETHYLPHENOL
410U	BIS(2-CHLOROETHOXY) METHANE
410U	2,4-DICHLOROPHENOL
410U	1,2,4-TRICHLOROBENZENE
410U	NAPHTHALENE
410U	4-CHLOROANILINE
410U	HEXACHLOROBUTADIENE
410U	4-CHLORO-3-METHYLPHENOL
410U	2-METHYLNAPHTHALENE
410U	HEXACHLOROCYCLOPENTADIENE (HCCP)
410U	2,4,6-TRICHLOROPHENOL
980U	2,4,5-TRICHLOROPHENOL
410U	2-CHLORONAPHTHALENE
980U	2-NITROANILINE
410U	DIMETHYL PHTHALATE
410UR	ACENAPHTHYLENE
410U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
980U	3-NITROANILINE
410U	ACENAPHTHENE
980U	2,4-DINITROPHENOL
980U	4-NITROPHENOL
410U	DIBENZOFURAN
410U	2,4-DINITROTOLUENE
410U	DIETHYL PHTHALATE
410U	4-CHLOROPHENYL PHENYL ETHER
410U	FLUORENE
980U	4-NITROANILINE
980U	2-METHYL-4,6-DINITROPHENOL
410U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
410U	4-BROMOPHENYL PHENYL ETHER
410U	HEXACHLOROBENZENE (HCB)
980U	PENTACHLOROPHENOL
410U	PHENANTHRENE
410U	ANTHRACENE
410U	CARBAZOLE
410U	DI-N-BUTYLPHTHALATE
410U	FLUORANTHENE
410U	PYRENE
410U	BENZYL BUTYL PHTHALATE
410U	3,3'-DICHLOROBENZIDINE
410U	BENZO(A)ANTHRACENE
410U	CHRYSENE
410U	BIS(2-ETHYLHEXYL) PHTHALATE
410U	DI-N-OCTYLPHTHALATE
410U	BENZO(B AND/OR K)FLUORANTHENE
410U	BENZO-A-PYRENE
410U	INDENO (1,2,3-CD) PYRENE
410U	DIBENZO(A,H)ANTHRACENE
410U	BENZO(GHI)PERYLENE
19	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59085 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS07

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1200 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC48

UG/KG	ANALYTICAL RESULTS
370U	PHENOL
370U	BIS(2-CHLOROETHYL) ETHER
370U	2-CHLOROPHENOL
370U	1,3-DICHLOROBENZENE
370U	1,4-DICHLOROBENZENE
370U	1,2-DICHLOROBENZENE
370U	2-METHYLPHENOL
370U	2,2'-CHLOROISOPROPYLETHER
370U	(3-AND/OR 4-)METHYLPHENOL
370U	N-NITROSODI-N-PROPYLAMINE
370U	HEXACHLOROETHANE
370U	NITROBENZENE
370U	ISOPHORONE
370U	2-NITROPHENOL
370U	2,4-DIMETHYLPHENOL
370U	BIS(2-CHLOROETHOXY) METHANE
370U	2,4-DICHLOROPHENOL
370U	1,2,4-TRICHLOROBENZENE
370U	NAPHTHALENE
370U	4-CHLOROANILINE
370U	HEXACHLOROBUTADIENE
370U	4-CHLORO-3-METHYLPHENOL
370U	2-METHYLNAPHTHALENE
370U	HEXACHLOROCYCLOPENTADIENE (HCCP)
370U	2,4,6-TRICHLOROPHENOL
910U	2,4,5-TRICHLOROPHENOL
370U	2-CHLORONAPHTHALENE
910U	2-NITROANILINE
370U	DIMETHYL PHTHALATE
370UR	ACENAPHTHYLENE
370U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
910U	3-NITROANILINE
370U	ACENAPHTHENE
910U	2,4-DINITROPHENOL
910U	4-NITROPHENOL
370U	DIBENZOFURAN
370U	2,4-DINITROTOLUENE
370U	DIETHYL PHTHALATE
370U	4-CHLOROPHENYL PHENYL ETHER
370U	FLUORENE
910U	4-NITROANILINE
910U	2-METHYL-4,6-DINITROPHENOL
370U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
370U	4-BROMOPHENYL PHENYL ETHER
370U	HEXACHLOROBENZENE (HCB)
910U	PENTACHLOROPHENOL
370U	PHENANTHRENE
370U	ANTHRACENE
370U	CARBAZOLE
370U	DI-N-BUTYLPHTHALATE
370U	FLUORANTHENE
370U	PYRENE
370U	BENZYL BUTYL PHTHALATE
370U	3,3'-DICHLOROBENZIDINE
370U	BENZO(A)ANTHRACENE
370U	CHRYSENE
370U	BIS(2-ETHYLHEXYL) PHTHALATE
370U	DI-N-OCTYLPHTHALATE
370U	BENZO(B AND/OR K)FLUORANTHENE
370U	BENZO-A-PYRENE
370U	INDENO (1,2,3-CD) PYRENE
370U	DIBENZO(A,H)ANTHRACENE
370U	BENZO(GHI)PERYLENE
12	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59099 SAMPLE TYPE: SOIL
** SOURCE: UNION OIL CO SE TERM
** STATION ID: SS08
**
** CASE NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1140 STOP: 00/00/00
D. NO.: BC61

UG/KG	ANALYTICAL RESULTS
410U	PHENOL
410U	BIS(2-CHLOROETHYL) ETHER
410U	2-CHLOROPHENOL
410U	1,3-DICHLOROBENZENE
410U	1,4-DICHLOROBENZENE
410U	1,2-DICHLOROBENZENE
410U	2-METHYLPHENOL
410U	2,2'-CHLOROISOPROPYLETHER
410U	(3-AND/OR 4-)METHYLPHENOL
410U	N-NITROSODI-N-PROPYLAMINE
410U	HEXACHLOROETHANE
410U	NITROBENZENE
410U	ISOPHORONE
410U	2-NITROPHENOL
410U	2,4-DIMETHYLPHENOL
410U	BIS(2-CHLOROETHOXY) METHANE
410U	2,4-DICHLOROPHENOL
410U	1,2,4-TRICHLOROBENZENE
410U	NAPHTHALENE
410U	4-CHLOROANILINE
410U	HEXACHLOROBUTADIENE
410U	4-CHLORO-3-METHYLPHENOL
410U	2-METHYLNAPHTHALENE
410U	HEXACHLOROCYCLOPENTADIENE (HCCP)
410U	2,4,6-TRICHLOROPHENOL
990U	2,4,5-TRICHLOROPHENOL
410U	2-CHLORONAPHTHALENE
990U	2-NITROANILINE
410U	DIMETHYL PHTHALATE
410UR	ACENAPHTHYLENE
410U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
990U	3-NITROANILINE
410U	ACENAPHTHENE
990U	2,4-DINITROPHENOL
990U	4-NITROPHENOL
410U	DIBENZOFURAN
410U	2,4-DINITROTOLUENE
410U	DIETHYL PHTHALATE
410U	4-CHLOROPHENYL PHENYL ETHER
410U	FLUORENE
990U	4-NITROANILINE
990U	2-METHYL-4,6-DINITROPHENOL
410U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
410U	4-BROMOPHENYL PHENYL ETHER
410U	HEXACHLOROBENZENE (HCB)
990U	PENTACHLOROPHENOL
410U	PHENANTHRENE
410U	ANTHRACENE
410U	CARBAZOLE
410U	DI-N-BUTYLPHTHALATE
410U	FLUORANTHENE
410U	PYRENE
410U	BENZYL BUTYL PHTHALATE
410U	3,3'-DICHLOROBENZIDINE
410U	BENZO(A)ANTHRACENE
410U	CHRYSENE
410U	BIS(2-ETHYLHEXYL) PHTHALATE
410U	DI-N-OCTYLPHTHALATE
410U	BENZO(B AND/OR K)FLUORANTHENE
410U	BENZO-A-PYRENE
410U	INDENO (1,2,3-CD) PYRENE
410U	DIBENZO(A,H)ANTHRACENE
410U	BENZO(GHI)PERYLENE
19	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** ***

PROJECT NO. 91-727 SAMPLE NO. 59074 SAMPLE TYPE: SOIL	PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM	CITY: GREENSBORO ST: NC
STATION ID: SB01	COLLECTION START: 06/12/91 1455 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.:	D. NO.: BC37 MD NO: BF37

*** ***

ANALYTICAL RESULTS UG/KG

2000J 2 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59076 SAMPLE TYPE: SOIL	PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM	CITY: GREENSBORO ST: NC
STATION ID: SB02	COLLECTION START: 06/12/91 1515 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.:	D. NO.: BC39 MD NO: BF39

ANALYTICAL RESULTS UG/KG

4000J 5 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

```
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
**   PROJECT NO. 91-727    SAMPLE NO. 59078  SAMPLE TYPE: SOIL        PROG ELEM: NSF    COLLECTED BY: A WILLIAMS          **
**   SOURCE: UNION OIL CO SE TERM                                     CITY: GREENSBORO              ST: NC                **
**   STATION ID: SB03                                                 COLLECTION START: 06/12/91  1530   STOP: 00/00/00   **
**   CASE.NO.: 16599         SAS NO.:                                 D. NO.: BC41              MD NO: BF41               **
**                                                                                                                         **
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
```

ANALYTICAL RESULTS UG/KG

1000J	1 UNIDENTIFIED COMPOUND
300JN	BROMACIL

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

```
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
**   PROJECT NO. 91-727    SAMPLE NO. 59079  SAMPLE TYPE: SOIL        PROG ELEM: NSF    COLLECTED BY: A WILLIAMS             **
**   SOURCE: UNION OIL CO SE TERM                                     CITY: GREENSBORO             ST: NC                    **
**   STATION ID: SB04                                                 COLLECTION START: 06/12/91  1555   STOP: 00/00/00      **
**   CASE.NO.: 16599           SAS NO.:                               D. NO.: BC42                MD NO: BF42                **
**                                                                                                                           **
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
```

ANALYTICAL RESULTS UG/KG

2000J   1 UNIDENTIFIED COMPOUND

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59082 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB05
CASE.NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0830 STOP: 00/00/00
D. NO.: BC45 MD NO: BF45

ANALYTICAL RESULTS UG/KG

7000J	9 UNIDENTIFIED COMPOUNDS
500JN	DIHYDROMETHYLINDENE
500JN	1-METHYLNAPHTHALENE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59084 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: SB06 COLLECTION START: 06/13/91 1235 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.: D. NO.: BC47 MD NO: BF47

ANALYTICAL RESULTS UG/KG

3000J 2 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 91-727   SAMPLE NO. 59086   SAMPLE TYPE: SOIL   PROG ELEM: NSF   COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM   CITY: GREENSBORO   ST: NC
STATION ID: SB07   COLLECTION START: 06/13/91 1210   STOP: 00/00/00
CASE.NO.: 16599   SAS NO.:   D. NO.: BC49   MD NO: BF49

ANALYTICAL RESULTS UG/KG

90JN	OCTADECANOIC ACID
1000J	2 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** ***
** PROJECT NO. 91-727 SAMPLE NO. 59100 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: SB08 COLLECTION START: 06/13/91 1150 STOP: 00/00/00 **
** CASE NO.: 16599 SAS NO.: D. NO.: BC62 MD NO: BF62 **
** **
*** ***

ANALYTICAL RESULTS UG/KG

3000J 3 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** ***
** PROJECT NO. 91-727 SAMPLE NO. 59087 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: SD01 COLLECTION START: 06/13/91 1000 STOP: 00/00/00 **
** CASE.NO.: 16599 SAS NO.: D. NO.: BC50 MD NO: BF50 **
** **
*** ***

ANALYTICAL RESULTS UG/KG

6000J 6 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

```
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
**   PROJECT NO. 91-727    SAMPLE NO. 59073  SAMPLE TYPE: SOIL        PROG ELEM: NSF   COLLECTED BY: A WILLIAMS          **
**   SOURCE: UNION OIL CO SE TERM                                     CITY: GREENSBORO              ST: NC                   **
**   STATION ID: SS01                                                 COLLECTION START: 06/12/91  1445   STOP: 00/00/00     **
**   CASE.NO.: 16599          SAS NO.:                                D. NO.: BC36                 MD NO: BF36              **
**                                                                                                                           **
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
```

ANALYTICAL RESULTS UG/KG

2000J	2 UNIDENTIFIED COMPOUNDS
N	PETROLEUM PRODUCT

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59075 SAMPLE TYPE: SOIL	PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM	CITY: GREENSBORO ST: NC
STATION ID: SS02	COLLECTION START: 06/12/91 1510 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.:	D. NO.: BC38 MD NO: BF38

ANALYTICAL RESULTS UG/KG

3000J	1 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 91-727   SAMPLE NO. 59077   SAMPLE TYPE: SOIL   PROG ELEM: NSF   COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM   CITY: GREENSBORO   ST: NC
STATION ID: SS03   COLLECTION START: 06/12/91 1525   STOP: 00/00/00
CASE.NO.: 16599   SAS NO.:   D. NO.: BC40   MD NO: BF40

ANALYTICAL RESULTS UG/KG

3000J   1 UNIDENTIFIED COMPOUND

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59080 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS04
CASE.NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1545 STOP: 00/00/00
D. NO.: BC43 MD NO: BF43

ANALYTICAL RESULTS UG/KG

1000J	1 UNIDENTIFIED COMPOUND
200JN	OCTADECANOIC ACID

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

```
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
**   PROJECT NO. 91-727    SAMPLE NO. 59081  SAMPLE TYPE: SOIL        PROG ELEM: NSF   COLLECTED BY: A WILLIAMS                    **
**   SOURCE: UNION OIL CO SE TERM                                     CITY: GREENSBORO             ST: NC                             **
**   STATION ID: SS05                                                 COLLECTION START: 06/13/91  0825   STOP: 00/00/00             **
**   CASE.NO.: 16599            SAS NO.:                              D. NO.: BC44                MD NO: BF44                        **
**                                                                                                                                    **
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
```

ANALYTICAL RESULTS UG/KG

200JN	(PENTYLOCTYL)BENZENE
3000J	2 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

```
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
**   PROJECT NO. 91-727    SAMPLE NO. 59083  SAMPLE TYPE: SOIL        PROG ELEM: NSF   COLLECTED BY: A WILLIAMS                          **
**   SOURCE: UNION OIL CO SE TERM                                     CITY: GREENSBORO                ST: NC                            **
**   STATION ID: SS06                                                 COLLECTION START: 06/13/91  1225   STOP: 00/00/00                  **
**   CASE.NO.: 16599          SAS NO.:                                D. NO.: BC46                MD NO: BF46                           **
**                                                                                                                                      **
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
```

ANALYTICAL RESULTS UG/KG

N	PETROLEUM PRODUCT
10000J	13 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** ***

PROJECT NO. 91-727 SAMPLE NO. 59085 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: SS07 COLLECTION START: 06/13/91 1200 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.: D. NO.: BC48 MD NO: BF48

*** ***

ANALYTICAL RESULTS UG/KG

4000J	5 UNIDENTIFIED COMPOUNDS
300JN	TETRADECANOIC ACID
3000JN	OCTADECANOIC ACID

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** ***
** PROJECT NO. 91-727 SAMPLE NO. 59099 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: SS08 COLLECTION START: 06/13/91 1140 STOP: 00/00/00 **
** CASE.NO.: 16599 SAS NO.: D. NO.: BC61 MD NO: BF61 **
** **
*** ***

ANALYTICAL RESULTS UG/KG

2000J	3 UNIDENTIFIED COMPOUNDS
100JN	OCTADECANOIC ACID

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59074 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB01
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1455 STOP: 00/00/00
D. NUMBER: BC37

UG/KG	ANALYTICAL RESULTS
2.2U	ALPHA-BHC
2.2U	BETA-BHC
2.2U	DELTA-BHC
2.2U	GAMMA-BHC (LINDANE)
2.2U	HEPTACHLOR
2.2U	ALDRIN
2.2U	HEPTACHLOR EPOXIDE
2.2U	ENDOSULFAN I (ALPHA)
4.3U	DIELDRIN
4.3U	4,4'-DDE (P,P'-DDE)
4.3U	ENDRIN
4.3U	ENDOSULFAN II (BETA)
4.3U	4,4'-DDD (P,P'-DDD)
4.3U	ENDOSULFAN SULFATE
4.3U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
22U	METHOXYCHLOR
4.3U	ENDRIN KETONE
4.3U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
2.2U	GAMMA-CHLORDANE /2
2.2U	ALPHA-CHLORDANE /2
220U	TOXAPHENE
43U	PCB-1016 (AROCLOR 1016)
88U	PCB-1221 (AROCLOR 1221)
43U	PCB-1232 (AROCLOR 1232)
43U	PCB-1242 (AROCLOR 1242)
43U	PCB-1248 (AROCLOR 1248)
43U	PCB-1254 (AROCLOR 1254)
43U	PCB-1260 (AROCLOR 1260)
24	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59076 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB02
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1515 STOP: 00/00/00
D. NUMBER: BC39

UG/KG	ANALYTICAL RESULTS
2.5U	ALPHA-BHC
2.5U	BETA-BHC
2.5U	DELTA-BHC
2.5U	GAMMA-BHC (LINDANE)
2.5U	HEPTACHLOR
2.5U	ALDRIN
2.5U	HEPTACHLOR EPOXIDE
2.5U	ENDOSULFAN I (ALPHA)
4.9U	DIELDRIN
4.9U	4,4'-DDE (P,P'-DDE)
4.9U	ENDRIN
4.9U	ENDOSULFAN II (BETA)
4.9U	4,4'-DDD (P,P'-DDD)
4.9U	ENDOSULFAN SULFATE
4.9U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
25U	METHOXYCHLOR
4.9U	ENDRIN KETONE
4.9U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
2.5U	GAMMA-CHLORDANE /2
2.5U	ALPHA-CHLORDANE /2
250U	TOXAPHENE
49U	PCB-1016 (AROCLOR 1016)
99U	PCB-1221 (AROCLOR 1221)
49U	PCB-1232 (AROCLOR 1232)
49U	PCB-1242 (AROCLOR 1242)
49U	PCB-1248 (AROCLOR 1248)
49U	PCB-1254 (AROCLOR 1254)
49U	PCB-1260 (AROCLOR 1260)
32	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59078 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB03
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1530 STOP: 00/00/00
D. NUMBER: BC41

UG/KG	ANALYTICAL RESULTS
2.4U	ALPHA-BHC
2.4U	BETA-BHC
2.4U	DELTA-BHC
2.4U	GAMMA-BHC (LINDANE)
2.4U	HEPTACHLOR
2.4U	ALDRIN
2.4U	HEPTACHLOR EPOXIDE
2.4U	ENDOSULFAN I (ALPHA)
4.7U	DIELDRIN
4.7U	4,4'-DDE (P,P'-DDE)
4.7U	ENDRIN
4.7U	ENDOSULFAN II (BETA)
4.7U	4,4'-DDD (P,P'-DDD)
4.7U	ENDOSULFAN SULFATE
4.7U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
24U	METHOXYCHLOR
4.7U	ENDRIN KETONE
4.7U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
2.4U	GAMMA-CHLORDANE /2
2.4U	ALPHA-CHLORDANE /2
240U	TOXAPHENE
47U	PCB-1016 (AROCLOR 1016)
96U	PCB-1221 (AROCLOR 1221)
47U	PCB-1232 (AROCLOR 1232)
47U	PCB-1242 (AROCLOR 1242)
47U	PCB-1248 (AROCLOR 1248)
47U	PCB-1254 (AROCLOR 1254)
47U	PCB-1260 (AROCLOR 1260)
30	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59079 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB04
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1555 STOP: 00/00/00
D. NUMBER: BC42

UG/KG	ANALYTICAL RESULTS
2.4U	ALPHA-BHC
2.4U	BETA-BHC
2.4U	DELTA-BHC
2.4U	GAMMA-BHC (LINDANE)
2.4U	HEPTACHLOR
2.4U	ALDRIN
2.4U	HEPTACHLOR EPOXIDE
2.4U	ENDOSULFAN I (ALPHA)
4.6U	DIELDRIN
4.6U	4,4'-DDE (P,P'-DDE)
4.6U	ENDRIN
4.6U	ENDOSULFAN II (BETA)
4.6U	4,4'-DDD (P,P'-DDD)
4.6U	ENDOSULFAN SULFATE
4.6U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
24U	METHOXYCHLOR
4.6U	ENDRIN KETONE
4.6U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
2.4U	GAMMA-CHLORDANE /2
2.4U	ALPHA-CHLORDANE /2
240U	TOXAPHENE
46U	PCB-1016 (AROCLOR 1016)
93U	PCB-1221 (AROCLOR 1221)
46U	PCB-1232 (AROCLOR 1232)
46U	PCB-1242 (AROCLOR 1242)
46U	PCB-1248 (AROCLOR 1248)
46U	PCB-1254 (AROCLOR 1254)
46U	PCB-1260 (AROCLOR 1260)
28	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59082 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB05
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0830 STOP: 00/00/00
D. NUMBER: BC45

UG/KG	ANALYTICAL RESULTS
2.4U	ALPHA-BHC
2.4U	BETA-BHC
2.4U	DELTA-BHC
2.4U	GAMMA-BHC (LINDANE)
2.4U	HEPTACHLOR
2.4U	ALDRIN
2.4U	HEPTACHLOR EPOXIDE
2.4U	ENDOSULFAN I (ALPHA)
4.7U	DIELDRIN
4.7U	4,4'-DDE (P,P'-DDE)
4.7U	ENDRIN
4.7U	ENDOSULFAN II (BETA)
4.7U	4,4'-DDD (P,P'-DDD)
4.7U	ENDOSULFAN SULFATE
4.7U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
24U	METHOXYCHLOR
4.7U	ENDRIN KETONE
4.7U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
2.4U	GAMMA-CHLORDANE /2
2.4U	ALPHA-CHLORDANE /2
240U	TOXAPHENE
47U	PCB-1016 (AROCLOR 1016)
96U	PCB-1221 (AROCLOR 1221)
47U	PCB-1232 (AROCLOR 1232)
47U	PCB-1242 (AROCLOR 1242)
47U	PCB-1248 (AROCLOR 1248)
47U	PCB-1254 (AROCLOR 1254)
47U	PCB-1260 (AROCLOR 1260)
30	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59084 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB06
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1235 STOP: 00/00/00
D. NUMBER: BC47

UG/KG	ANALYTICAL RESULTS
2.6U	ALPHA-BHC
2.6U	BETA-BHC
2.6U	DELTA-BHC
2.6U	GAMMA-BHC (LINDANE)
2.6U	HEPTACHLOR
2.6U	ALDRIN
2.6U	HEPTACHLOR EPOXIDE
2.6U	ENDOSULFAN I (ALPHA)
5.1U	DIELDRIN
5.1U	4,4'-DDE (P,P'-DDE)
5.1U	ENDRIN
5.1U	ENDOSULFAN II (BETA)
5.1U	4,4'-DDD (P,P'-DDD)
5.1U	ENDOSULFAN SULFATE
5.1U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
26U	METHOXYCHLOR
5.1U	ENDRIN KETONE
5.1U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
2.6U	GAMMA-CHLORDANE /2
2.6U	ALPHA-CHLORDANE /2
260U	TOXAPHENE
51U	PCB-1016 (AROCLOR 1016)
100U	PCB-1221 (AROCLOR 1221)
51U	PCB-1232 (AROCLOR 1232)
51U	PCB-1242 (AROCLOR 1242)
51U	PCB-1248 (AROCLOR 1248)
51U	PCB-1254 (AROCLOR 1254)
51U	PCB-1260 (AROCLOR 1260)
35	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59086 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB07
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1210 STOP: 00/00/00
D. NUMBER: BC49

UG/KG	ANALYTICAL RESULTS
2.3U	ALPHA-BHC
2.3U	BETA-BHC
2.3U	DELTA-BHC
2.3U	GAMMA-BHC (LINDANE)
2.3U	HEPTACHLOR
2.3U	ALDRIN
2.3U	HEPTACHLOR EPOXIDE
2.3U	ENDOSULFAN I (ALPHA)
4.4U	DIELDRIN
4.4U	4,4'-DDE (P,P'-DDE)
4.4U	ENDRIN
4.4U	ENDOSULFAN II (BETA)
4.4U	4,4'-DDD (P,P'-DDD)
4.4U	ENDOSULFAN SULFATE
4.4U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
23U	METHOXYCHLOR
4.4U	ENDRIN KETONE
4.4U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
2.3U	GAMMA-CHLORDANE /2
2.3U	ALPHA-CHLORDANE /2
230U	TOXAPHENE
44U	PCB-1016 (AROCLOR 1016)
89U	PCB-1221 (AROCLOR 1221)
44U	PCB-1232 (AROCLOR 1232)
44U	PCB-1242 (AROCLOR 1242)
44U	PCB-1248 (AROCLOR 1248)
44U	PCB-1254 (AROCLOR 1254)
44U	PCB-1260 (AROCLOR 1260)
25	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59100 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SB08
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1150 STOP: 00/00/00
D. NUMBER: BC62

UG/KG	ANALYTICAL RESULTS
2.2U	ALPHA-BHC
2.2U	BETA-BHC
2.2U	DELTA-BHC
2.2U	GAMMA-BHC (LINDANE)
2.2U	HEPTACHLOR
2.2U	ALDRIN
2.2U	HEPTACHLOR EPOXIDE
2.2U	ENDOSULFAN I (ALPHA)
4.3U	DIELDRIN
4.3U	4,4'-DDE (P,P'-DDE)
4.3U	ENDRIN
4.3U	ENDOSULFAN II (BETA)
4.3U	4,4'-DDD (P,P'-DDD)
4.3U	ENDOSULFAN SULFATE
4.3U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
22U	METHOXYCHLOR
4.3U	ENDRIN KETONE
4.3U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
2.2U	GAMMA-CHLORDANE /2
2.2U	ALPHA-CHLORDANE /2
220U	TOXAPHENE
43U	PCB-1016 (AROCLOR 1016)
88U	PCB-1221 (AROCLOR 1221)
43U	PCB-1232 (AROCLOR 1232)
43U	PCB-1242 (AROCLOR 1242)
43U	PCB-1248 (AROCLOR 1248)
43U	PCB-1254 (AROCLOR 1254)
43U	PCB-1260 (AROCLOR 1260)
24	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59087 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SD01
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1000 . STOP: 00/00/00
D. NUMBER: BC50

UG/KG	ANALYTICAL RESULTS
2.5U	ALPHA-BHC
2.5U	BETA-BHC
2.5U	DELTA-BHC
2.5U	GAMMA-BHC (LINDANE)
2.5U	HEPTACHLOR
2.5U	ALDRIN
2.5U	HEPTACHLOR EPOXIDE
2.5U	ENDOSULFAN I (ALPHA)
4.8U	DIELDRIN
4.8U	4,4'-DDE (P,P'-DDE)
4.8U	ENDRIN
4.8U	ENDOSULFAN II (BETA)
4.8U	4,4'-DDD (P,P'-DDD)
4.8U	ENDOSULFAN SULFATE
4.8U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
25U	METHOXYCHLOR
4.8U	ENDRIN KETONE
4.8U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
2.5U	GAMMA-CHLORDANE /2
2.5U	ALPHA-CHLORDANE /2
250U	TOXAPHENE
48U	PCB-1016 (AROCLOR 1016)
97U	PCB-1221 (AROCLOR 1221)
48U	PCB-1232 (AROCLOR 1232)
48U	PCB-1242 (AROCLOR 1242)
48U	PCB-1248 (AROCLOR 1248)
48U	PCB-1254 (AROCLOR 1254)
48U	PCB-1260 (AROCLOR 1260)
31	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59073 SAMPLE TYPE: SOIL
** SOURCE: UNION OIL CO SE TERM
** STATION ID: SS01
** CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1445 STOP: 00/00/00
D. NUMBER: BC36

UG/KG	ANALYTICAL RESULTS
1.8U	ALPHA-BHC
1.8U	BETA-BHC
1.8U	DELTA-BHC
1.8U	GAMMA-BHC (LINDANE)
1.8U	HEPTACHLOR
1.8U	ALDRIN
1.8U	HEPTACHLOR EPOXIDE
1.8U	ENDOSULFAN I (ALPHA)
3.6U	DIELDRIN
3.6U	4,4'-DDE (P,P'-DDE)
3.6U	ENDRIN
3.6U	ENDOSULFAN II (BETA)
3.6U	4,4'-DDD (P,P'-DDD)
3.6U	ENDOSULFAN SULFATE
3.6U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
18U	METHOXYCHLOR
3.6U	ENDRIN KETONE
3.6U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
1.8U	GAMMA-CHLORDANE /2
1.8U	ALPHA-CHLORDANE /2
180U	TOXAPHENE
36U	PCB-1016 (AROCLOR 1016)
73U	PCB-1221 (AROCLOR 1221)
36U	PCB-1232 (AROCLOR 1232)
36U	PCB-1242 (AROCLOR 1242)
36U	PCB-1248 (AROCLOR 1248)
36U	PCB-1254 (AROCLOR 1254)
36U	PCB-1260 (AROCLOR 1260)
8	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED. SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59075 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS02
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1510 STOP: 00/00/00
D. NUMBER: BC38

UG/KG	ANALYTICAL RESULTS
2.4U	ALPHA-BHC
2.4U	BETA-BHC
2.4U	DELTA-BHC
2.4U	GAMMA-BHC (LINDANE)
2.4U	HEPTACHLOR
2.4U	ALDRIN
2.4U	HEPTACHLOR EPOXIDE
2.4U	ENDOSULFAN I (ALPHA)
4.6U	DIELDRIN
4.6U	4,4'-DDE (P,P'-DDE)
4.6U	ENDRIN
4.6U	ENDOSULFAN II (BETA)
4.6U	4,4'-DDD (P,P'-DDD)
4.6U	ENDOSULFAN SULFATE
4.6U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
24U	METHOXYCHLOR
4.6U	ENDRIN KETONE
4.6U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
2.4U	GAMMA-CHLORDANE /2
2.4U	ALPHA-CHLORDANE /2
240U	TOXAPHENE
46U	PCB-1016 (AROCLOR 1016)
93U	PCB-1221 (AROCLOR 1221)
46U	PCB-1232 (AROCLOR 1232)
46U	PCB-1242 (AROCLOR 1242)
46U	PCB-1248 (AROCLOR 1248)
46U	PCB-1254 (AROCLOR 1254)
46U	PCB-1260 (AROCLOR 1260)
28	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59077 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS03
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1525 STOP: 00/00/00
D. NUMBER: BC40

UG/KG	ANALYTICAL RESULTS	UG/KG	ANALYTICAL RESULTS
2.2U	ALPHA-BHC	22U	METHOXYCHLOR
2.2U	BETA-BHC	4.2U	ENDRIN KETONE
2.2U	DELTA-BHC	4.2U	ENDRIN ALDEHYDE
2.2U	GAMMA-BHC (LINDANE)		CHLORDANE (TECH. MIXTURE) /1
2.2U	HEPTACHLOR	2.2U	GAMMA-CHLORDANE /2
2.2U	ALDRIN	2.2U	ALPHA-CHLORDANE /2
2.2U	HEPTACHLOR EPOXIDE	220U	TOXAPHENE
2.2U	ENDOSULFAN I (ALPHA)	42U	PCB-1016 (AROCLOR 1016)
4.2U	DIELDRIN	86U	PCB-1221 (AROCLOR 1221)
4.2U	4,4'-DDE (P,P'-DDE)	42U	PCB-1232 (AROCLOR 1232)
4.2U	ENDRIN	42U	PCB-1242 (AROCLOR 1242)
4.2U	ENDOSULFAN II (BETA)	42U	PCB-1248 (AROCLOR 1248)
4.2U	4,4'-DDD (P,P'-DDD)	42U	PCB-1254 (AROCLOR 1254)
4.2U	ENDOSULFAN SULFATE	42U	PCB-1260 (AROCLOR 1260)
4.2U	4,4'-DDT (P,P'-DDT)	22	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59080 SAMPLE TYPE: SOIL
** SOURCE: UNION OIL CO SE TERM
** STATION ID: SS04
** CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 1545 STOP: 00/00/00
D. NUMBER: BC43

UG/KG	ANALYTICAL RESULTS
2.2U	ALPHA-BHC
2.2U	BETA-BHC
2.2U	DELTA-BHC
2.2U	GAMMA-BHC (LINDANE)
2.2U	HEPTACHLOR
2.2U	ALDRIN
2.2U	HEPTACHLOR EPOXIDE
2.2U	ENDOSULFAN I (ALPHA)
5.9	DIELDRIN
4.3U	4,4'-DDE (P,P'-DDE)
4.3U	ENDRIN
4.3U	ENDOSULFAN II (BETA)
4.3U	4,4'-DDD (P,P'-DDD)
4.3U	ENDOSULFAN SULFATE
4.3U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
22U	METHOXYCHLOR
4.3U	ENDRIN KETONE
4.3U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
2.2U	GAMMA-CHLORDANE /2
2.2U	ALPHA-CHLORDANE /2
220U	TOXAPHENE
43U	PCB-1016 (AROCLOR 1016)
87U	PCB-1221 (AROCLOR 1221)
43U	PCB-1232 (AROCLOR 1232)
43U	PCB-1242 (AROCLOR 1242)
43U	PCB-1248 (AROCLOR 1248)
43U	PCB-1254 (AROCLOR 1254)
43U	PCB-1260 (AROCLOR 1260)
23	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59081 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS05
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0825 STOP: 00/00/00
D. NUMBER: BC44

UG/KG	ANALYTICAL RESULTS
2.3U	ALPHA-BHC
2.3U	BETA-BHC
2.3U	DELTA-BHC
2.3U	GAMMA-BHC (LINDANE)
2.3U	HEPTACHLOR
2.3U	ALDRIN
2.3U	HEPTACHLOR EPOXIDE
2.3U	ENDOSULFAN I (ALPHA)
4.4U	DIELDRIN
4.4U	4,4'-DDE (P,P'-DDE)
4.4U	ENDRIN
4.4U	ENDOSULFAN II (BETA)
4.4U	4,4'-DDD (P,P'-DDD)
4.4U	ENDOSULFAN SULFATE
4.4U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
23U	METHOXYCHLOR
4.4U	ENDRIN KETONE
4.4U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
2.3U	GAMMA-CHLORDANE /2
2.3U	ALPHA-CHLORDANE /2
230U	TOXAPHENE
44U	PCB-1016 (AROCLOR 1016)
89U	PCB-1221 (AROCLOR 1221)
44U	PCB-1232 (AROCLOR 1232)
44U	PCB-1242 (AROCLOR 1242)
44U	PCB-1248 (AROCLOR 1248)
44U	PCB-1254 (AROCLOR 1254)
44U	PCB-1260 (AROCLOR 1260)
25	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59083 SAMPLE TYPE: SOIL
** SOURCE: UNION OIL CO SE TERM
** STATION ID: SS06
** CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1225 STOP: 00/00/00
D. NUMBER: BC46

UG/KG	ANALYTICAL RESULTS
2.1U	ALPHA-BHC
2.1U	BETA-BHC
2.1U	DELTA-BHC
2.1U	GAMMA-BHC (LINDANE)
2.1U	HEPTACHLOR
2.1U	ALDRIN
2.1U	HEPTACHLOR EPOXIDE
2.1U	ENDOSULFAN I (ALPHA)
4.1U	DIELDRIN
4.1U	4,4'-DDE (P,P'-DDE)
4.1U	ENDRIN
4.1U	ENDOSULFAN II (BETA)
4.1U	4,4'-DDD (P,P'-DDD)
4.1U	ENDOSULFAN SULFATE
4.1U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
21U	METHOXYCHLOR
4.1U	ENDRIN KETONE
4.1U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
2.1U	GAMMA-CHLORDANE /2
2.1U	ALPHA-CHLORDANE /2
210U	TOXAPHENE
41U	PCB-1016 (AROCLOR 1016)
84U	PCB-1221 (AROCLOR 1221)
41U	PCB-1232 (AROCLOR 1232)
41U	PCB-1242 (AROCLOR 1242)
41U	PCB-1248 (AROCLOR 1248)
41U	PCB-1254 (AROCLOR 1254)
41U	PCB-1260 (AROCLOR 1260)
20	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 91-727   SAMPLE NO. 59085   SAMPLE TYPE: SOIL   PROG ELEM: NSF   COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM   CITY: GREENSBORO   ST: NC
STATION ID: SS07   COLLECTION START: 06/13/91 1200   STOP: 00/00/00
CASE NUMBER: 16599   SAS NUMBER: D. NUMBER: BC48

UG/KG	ANALYTICAL RESULTS	UG/KG	ANALYTICAL RESULTS
1.9U	ALPHA-BHC	19U	METHOXYCHLOR
1.9U	BETA-BHC	3.7U	ENDRIN KETONE
1.9U	DELTA-BHC	3.7U	ENDRIN ALDEHYDE
1.9U	GAMMA-BHC (LINDANE)		CHLORDANE (TECH. MIXTURE) /1
1.9U	HEPTACHLOR	1.9U	GAMMA-CHLORDANE /2
1.9U	ALDRIN	1.9U	ALPHA-CHLORDANE /2
1.9U	HEPTACHLOR EPOXIDE	190U	TOXAPHENE
1.9U	ENDOSULFAN I (ALPHA)	37U	PCB-1016 (AROCLOR 1016)
3.7U	DIELDRIN	76U	PCB-1221 (AROCLOR 1221)
3.7U	4,4'-DDE (P,P'-DDE)	37U	PCB-1232 (AROCLOR 1232)
3.7U	ENDRIN	37U	PCB-1242 (AROCLOR 1242)
3.7U	ENDOSULFAN II (BETA)	37U	PCB-1248 (AROCLOR 1248)
3.7U	4,4'-DDD (P,P'-DDD)	37U	PCB-1254 (AROCLOR 1254)
3.7U	ENDOSULFAN SULFATE	37U	PCB-1260 (AROCLOR 1260)
3.7U	4,4'-DDT (P,P'-DDT)	12	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS   1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59099 SAMPLE TYPE: SOIL
SOURCE: UNION OIL CO SE TERM
STATION ID: SS08
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1140 STOP: 00/00/00
D. NUMBER: BC61

UG/KG	ANALYTICAL RESULTS
2.1U	ALPHA-BHC
2.1U	BETA-BHC
2.1U	DELTA-BHC
2.1U	GAMMA-BHC (LINDANE)
2.1U	HEPTACHLOR
2.1U	ALDRIN
2.1U	HEPTACHLOR EPOXIDE
2.1U	ENDOSULFAN I (ALPHA)
4.1U	DIELDRIN
4.1U	4,4'-DDE (P,P'-DDE)
4.1U	ENDRIN
4.1U	ENDOSULFAN II (BETA)
4.1U	4,4'-DDD (P,P'-DDD)
4.1U	ENDOSULFAN SULFATE
4.1U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
21U	METHOXYCHLOR
4.1U	ENDRIN KETONE
4.1U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
2.1U	GAMMA-CHLORDANE /2
2.1U	ALPHA-CHLORDANE /2
210U	TOXAPHENE
41U	PCB-1016 (AROCLOR 1016)
83U	PCB-1221 (AROCLOR 1221)
41U	PCB-1232 (AROCLOR 1232)
41U	PCB-1242 (AROCLOR 1242)
41U	PCB-1248 (AROCLOR 1248)
41U	PCB-1254 (AROCLOR 1254)
41U	PCB-1260 (AROCLOR 1260)
19	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59093 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW02

CASE NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1045 STOP: 00/00/00

D. NO.: BC55

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
10U	METHYLENE CHLORIDE
10U	ACETONE
10U	CARBON DISULFIDE
10U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	1,1-DICHLOROETHANE
10U	1,2-DICHLOROETHENE (TOTAL)
10U	CHLOROFORM
10U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
10U	1,1,1-TRICHLOROETHANE
10U	CARBON TETRACHLORIDE
10U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
10U	1,2-DICHLOROPROPANE
10U	CIS-1,3-DICHLOROPROPENE
10U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	DIBROMOCHLOROMETHANE
10U	1,1,2-TRICHLOROETHANE
10U	BENZENE
10U	TRANS-1,3-DICHLOROPROPENE
10U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
10U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	1,1,2,2-TETRACHLOROETHANE
10U	TOLUENE
10U	CHLOROBENZENE
10U	ETHYL BENZENE
10U	STYRENE
10U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59096 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW03

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1255 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC58

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
20U	METHYLENE CHLORIDE
10U	ACETONE
10U	CARBON DISULFIDE
10U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	1,1-DICHLOROETHANE
10U	1,2-DICHLOROETHENE (TOTAL)
10U	CHLOROFORM
10U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
10U	1,1,1-TRICHLOROETHANE
10U	CARBON TETRACHLORIDE
10U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
10U	1,2-DICHLOROPROPANE
10U	CIS-1,3-DICHLOROPROPENE
10U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	DIBROMOCHLOROMETHANE
10U	1,1,2-TRICHLOROETHANE
28	BENZENE
10U	TRANS-1,3-DICHLOROPROPENE
10U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
10U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	1,1,2,2-TETRACHLOROETHANE
10U	TOLUENE
10U	CHLOROBENZENE
10U	ETHYL BENZENE
10U	STYRENE
10U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59094 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW04

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1110 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC56

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE	10U	1,2-DICHLOROPROPANE
10U	BROMOMETHANE	10U	CIS-1,3-DICHLOROPROPENE
10U	VINYL CHLORIDE	10U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	CHLOROETHANE	10U	DIBROMOCHLOROMETHANE
10U	METHYLENE CHLORIDE	10U	1,1,2-TRICHLOROETHANE
10U	ACETONE	10U	BENZENE
10U	CARBON DISULFIDE	10U	TRANS-1,3-DICHLOROPROPENE
10U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)	10U	BROMOFORM
10U	1,1-DICHLOROETHANE	10U	METHYL ISOBUTYL KETONE
10U	1,2-DICHLOROETHENE (TOTAL)	10U	METHYL BUTYL KETONE
10U	CHLOROFORM	10U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	1,2-DICHLOROETHANE	10U	1,1,2,2-TETRACHLOROETHANE
10U	METHYL ETHYL KETONE	10U	TOLUENE
10U	1,1,1-TRICHLOROETHANE	10U	CHLOROBENZENE
10U	CARBON TETRACHLORIDE	10U	ETHYL BENZENE
10U	BROMODICHLOROMETHANE	10U	STYRENE
		10U	TOTAL XYLENES

REMARKS ***REMARKS***

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59095 SAMPLE TYPE:
SOURCE:
STATION ID: MW05

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1125 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC57

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
10U	METHYLENE CHLORIDE
10U	ACETONE
10U	CARBON DISULFIDE
10U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	1,1-DICHLOROETHANE
10U	1,2-DICHLOROETHENE (TOTAL)
10U	CHLOROFORM
10U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
10U	1,1,1-TRICHLOROETHANE
10U	CARBON TETRACHLORIDE
10U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
10U	1,2-DICHLOROPROPANE
10U	CIS-1,3-DICHLOROPROPENE
10U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	DIBROMOCHLOROMETHANE
10U	1,1,2-TRICHLOROETHANE
10U	BENZENE
10U	TRANS-1,3-DICHLOROPROPENE
10U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
10U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	1,1,2,2-TETRACHLOROETHANE
10U	TOLUENE
10U	CHLOROBENZENE
10U	ETHYL BENZENE
10U	STYRENE
10U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59089 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW08

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0845 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC51

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE	10U	1,2-DICHLOROPROPANE
10U	BROMOMETHANE	10U	CIS-1,3-DICHLOROPROPENE
10U	VINYL CHLORIDE	10U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	CHLOROETHANE	10U	DIBROMOCHLOROMETHANE
10U	METHYLENE CHLORIDE	10U	1,1,2-TRICHLOROETHANE
10U	ACETONE	10U	BENZENE
10U	CARBON DISULFIDE	10U	TRANS-1,3-DICHLOROPROPENE
10U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)	10U	BROMOFORM
10U	1,1-DICHLOROETHANE	10U	METHYL ISOBUTYL KETONE
10U	1,2-DICHLOROETHENE (TOTAL)	10U	METHYL BUTYL KETONE
10U	CHLOROFORM	10U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	1,2-DICHLOROETHANE	10U	1,1,2,2-TETRACHLOROETHANE
10U	METHYL ETHYL KETONE	10U	TOLUENE
10U	1,1,1-TRICHLOROETHANE	10U	CHLOROBENZENE
10U	CARBON TETRACHLORIDE	10U	ETHYL BENZENE
10U	BROMODICHLOROMETHANE	10U	STYRENE
		10U	TOTAL XYLENES

REMARKS ***REMARKS***

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59090 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW09

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0925 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC52

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE	10U	1,2-DICHLOROPROPANE
10U	BROMOMETHANE	10U	CIS-1,3-DICHLOROPROPENE
10U	VINYL CHLORIDE	10U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	CHLOROETHANE	10U	DIBROMOCHLOROMETHANE
10U	METHYLENE CHLORIDE	10U	1,1,2-TRICHLOROETHANE
10U	ACETONE	10U	BENZENE
10U	CARBON DISULFIDE	10U	TRANS-1,3-DICHLOROPROPENE
10U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)	10U	BROMOFORM
10U	1,1-DICHLOROETHANE	10U	METHYL ISOBUTYL KETONE
10U	1,2-DICHLOROETHENE (TOTAL)	10U	METHYL BUTYL KETONE
10U	CHLOROFORM	10U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	1,2-DICHLOROETHANE	10U	1,1,2,2-TETRACHLOROETHANE
10U	METHYL ETHYL KETONE	10U	TOLUENE
10U	1,1,1-TRICHLOROETHANE	10U	CHLOROBENZENE
10U	CARBON TETRACHLORIDE	10U	ETHYL BENZENE
10U	BROMODICHLOROMETHANE	10U	STYRENE
		10U	TOTAL XYLENES

REMARKS ***REMARKS***

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59092 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW12

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0950 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC54

UG/L	ANALYTICAL RESULTS
50U	CHLOROMETHANE
50U	BROMOMETHANE
50U	VINYL CHLORIDE
50U	CHLOROETHANE
70U	METHYLENE CHLORIDE
68000	ACETONE
50U	CARBON DISULFIDE
50U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
50U	1,1-DICHLOROETHANE
50U	1,2-DICHLOROETHENE (TOTAL)
50U	CHLOROFORM
50U	1,2-DICHLOROETHANE
570U	METHYL ETHYL KETONE
50U	1,1,1-TRICHLOROETHANE
50U	CARBON TETRACHLORIDE
50U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
50U	1,2-DICHLOROPROPANE
50U	CIS-1,3-DICHLOROPROPENE
50U	TRICHLOROETHENE(TRICHLOROETHYLENE)
50U	DIBROMOCHLOROMETHANE
50U	1,1,2-TRICHLOROETHANE
17000	BENZENE
50U	TRANS-1,3-DICHLOROPROPENE
50U	BROMOFORM
50U	METHYL ISOBUTYL KETONE
50U	METHYL BUTYL KETONE
50U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
50U	1,1,2,2-TETRACHLOROETHANE
32000	TOLUENE
50U	CHLOROBENZENE
2600J	ETHYL BENZENE
50U	STYRENE
12000	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59091 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW13

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0935 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC53

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
10U	METHYLENE CHLORIDE
10U	ACETONE
10U	CARBON DISULFIDE
10U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	1,1-DICHLOROETHANE
10U	1,2-DICHLOROETHENE (TOTAL)
10U	CHLOROFORM
10U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
10U	1,1,1-TRICHLOROETHANE
10U	CARBON TETRACHLORIDE
10U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
10U	1,2-DICHLOROPROPANE
10U	CIS-1,3-DICHLOROPROPENE
10U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	DIBROMOCHLOROMETHANE
10U	1,1,2-TRICHLOROETHANE
10U	BENZENE
10U	TRANS-1,3-DICHLOROPROPENE
10U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
10U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	1,1,2,2-TETRACHLOROETHANE
10U	TOLUENE
10U	CHLOROBENZENE
10U	ETHYL BENZENE
10U	STYRENE
10U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59097 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW17 COLLECTION START: 06/13/91 1010 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC59

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE	10U	1,2-DICHLOROPROPANE
10U	BROMOMETHANE	10U	CIS-1,3-DICHLOROPROPENE
10U	VINYL CHLORIDE	10U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	CHLOROETHANE	10U	DIBROMOCHLOROMETHANE
10U	METHYLENE CHLORIDE	10U	1,1,2-TRICHLOROETHANE
10U	ACETONE	2J	BENZENE
10U	CARBON DISULFIDE	10U	TRANS-1,3-DICHLOROPROPENE
10U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)	10U	BROMOFORM
10U	1,1-DICHLOROETHANE	10U	METHYL ISOBUTYL KETONE
10U	1,2-DICHLOROETHENE (TOTAL)	10U	METHYL BUTYL KETONE
10U	CHLOROFORM	10U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	1,2-DICHLOROETHANE	10U	1,1,2,2-TETRACHLOROETHANE
10U	METHYL ETHYL KETONE	10U	TOLUENE
10U	1,1,1-TRICHLOROETHANE	10U	CHLOROBENZENE
10U	CARBON TETRACHLORIDE	10U	ETHYL BENZENE
10U	BROMODICHLOROMETHANE	10U	STYRENE
		10U	TOTAL XYLENES

REMARKS ***REMARKS***

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59098 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW18

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1015 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC60

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
10U	METHYLENE CHLORIDE
10U	ACETONE
10U	CARBON DISULFIDE
10U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	1,1-DICHLOROETHANE
10U	1,2-DICHLOROETHENE (TOTAL)
10U	CHLOROFORM
10U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
10U	1,1,1-TRICHLOROETHANE
10U	CARBON TETRACHLORIDE
10U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
10U	1,2-DICHLOROPROPANE
10U	CIS-1,3-DICHLOROPROPENE
10U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	DIBROMOCHLOROMETHANE
10U	1,1,2-TRICHLOROETHANE
40	BENZENE
10U	TRANS-1,3-DICHLOROPROPENE
10U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
10U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	1,1,2,2-TETRACHLOROETHANE
110	TOLUENE
10U	CHLOROBENZENE
7J	ETHYL BENZENE
10U	STYRENE
28	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59105 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: TB01W COLLECTION START: 06/12/91 0700 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC63

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
10U	METHYLENE CHLORIDE
10U	ACETONE
10U	CARBON DISULFIDE
10U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	1,1-DICHLOROETHANE
10U	1,2-DICHLOROETHENE (TOTAL)
10U	CHLOROFORM
10U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
10U	1,1,1-TRICHLOROETHANE
10U	CARBON TETRACHLORIDE
10U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
10U	1,2-DICHLOROPROPANE
10U	CIS-1,3-DICHLOROPROPENE
10U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	DIBROMOCHLOROMETHANE
10U	1,1,2-TRICHLOROETHANE
10U	BENZENE
10U	TRANS-1,3-DICHLOROPROPENE
10U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
10U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	1,1,2,2-TETRACHLOROETHANE
10U	TOLUENE
10U	CHLOROBENZENE
10U	ETHYL BENZENE
10U	STYRENE
10U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

```
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
**   PROJECT NO. 91-727    SAMPLE NO. 59093  SAMPLE TYPE: GROUNDWA    PROG ELEM: NSF   COLLECTED BY: A WILLIAMS                 **
**   SOURCE: UNION OIL CO SE TERM                                     CITY: GREENSBORO           ST: NC                          **
**   STATION ID: MW02                                                 COLLECTION START: 06/13/91  1045   STOP: 00/00/00           **
**   CASE.NO.: 16599          SAS NO.:                                D. NO.: BC55               MD NO: BF55                     **
**                                                                                                                                **
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
```

ANALYTICAL RESULTS UG/L

20J 1 UNIDENTIFIED COMPOUND

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

*** ***
** PROJECT NO. 91-727 SAMPLE NO. 59094 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: MW04 COLLECTION START: 06/13/91 1110 STOP: 00/00/00 **
** CASE NO.: 16599 SAS NO.: D. NO.: BC56 MD NO: BF56 **
** **
*** ***

ANALYTICAL RESULTS UG/L

20J 1 UNIDENTIFIED COMPOUND

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59092 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW12 COLLECTION START: 06/13/91 0950 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.: D. NO.: BC54 MD NO: BF54

ANALYTICAL RESULTS UG/L

30JN	CYCLOPENTENE
80JN	PENTANE
200J	1 UNIDENTIFIED COMPOUND

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59093 SAMPLE TYPE: GROUNDWA
** SOURCE: UNION OIL CO SE TERM
** STATION ID: MW02

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1045 STOP: 00/00/00

** CASE NO.: 16599 SAS NO.: D. NO.: BC55

UG/L	ANALYTICAL RESULTS
10U	PHENOL
10U	BIS(2-CHLOROETHYL) ETHER
10U	2-CHLOROPHENOL
10U	1,3-DICHLOROBENZENE
10U	1,4-DICHLOROBENZENE
10U	1,2-DICHLOROBENZENE
10U	2-METHYLPHENOL
10U	2,2'-CHLOROISOPROPYLETHER
10U	(3-AND/OR 4-)METHYLPHENOL
10U	N-NITROSODI-N-PROPYLAMINE
10U	HEXACHLOROETHANE
10U	NITROBENZENE
10U	ISOPHORONE
10U	2-NITROPHENOL
10U	2,4-DIMETHYLPHENOL
10U	BIS(2-CHLOROETHOXY) METHANE
10U	2,4-DICHLOROPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	NAPHTHALENE
10U	4-CHLOROANILINE
10U	HEXACHLOROBUTADIENE
10U	4-CHLORO-3-METHYLPHENOL
10U	2-METHYLNAPHTHALENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	2,4,6-TRICHLOROPHENOL
25U	2,4,5-TRICHLOROPHENOL
10U	2-CHLORONAPHTHALENE
25U	2-NITROANILINE
10U	DIMETHYL PHTHALATE
10U	ACENAPHTHYLENE
10U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
25U	3-NITROANILINE
10U	ACENAPHTHENE
25U	2,4-DINITROPHENOL
25U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2,4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
25U	4-NITROANILINE
25U	2-METHYL-4,6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
25U	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	ANTHRACENE
10U	CARBAZOLE
10U	DI-N-BUTYLPHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
10U	3,3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10UR	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1,2,3-CD) PYRENE
10U	DIBENZO(A,H)ANTHRACENE
10UJ	BENZO(GHI)PERYLENE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59096 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW03

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1255 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC58

UG/L	ANALYTICAL RESULTS
10U	PHENOL
10U	BIS(2-CHLOROETHYL) ETHER
10U	2-CHLOROPHENOL
10U	1,3-DICHLOROBENZENE
10U	1,4-DICHLOROBENZENE
10U	1,2-DICHLOROBENZENE
10U	2-METHYLPHENOL
10U	2,2'-CHLOROISOPROPYLETHER
10U	(3-AND/OR 4-)METHYLPHENOL
10U	N-NITROSODI-N-PROPYLAMINE
10U	HEXACHLOROETHANE
10U	NITROBENZENE
10U	ISOPHORONE
10U	2-NITROPHENOL
10U	2,4-DIMETHYLPHENOL
10U	BIS(2-CHLOROETHOXY) METHANE
10U	2,4-DICHLOROPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	NAPHTHALENE
10U	4-CHLOROANILINE
10U	HEXACHLOROBUTADIENE
10U	4-CHLORO-3-METHYLPHENOL
10U	2-METHYLNAPHTHALENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	2,4,6-TRICHLOROPHENOL
25U	2,4,5-TRICHLOROPHENOL
10U	2-CHLORONAPHTHALENE
25U	2-NITROANILINE
10U	DIMETHYL PHTHALATE
10U	ACENAPHTHYLENE
10U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
25U	3-NITROANILINE
10U	ACENAPHTHENE
25U	2,4-DINITROPHENOL
25U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2,4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
25U	4-NITROANILINE
25U	2-METHYL-4,6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
25U	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	ANTHRACENE
10U	CARBAZOLE
10U	DI-N-BUTYLPHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
10U	3,3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10UR	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1,2,3-CD) PYRENE
10U	DIBENZO(A,H)ANTHRACENE
10UJ	BENZO(GHI)PERYLENE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 91-727   SAMPLE NO. 59094   SAMPLE TYPE: GROUNDWA   PROG ELEM: NSF   COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM   CITY: GREENSBORO   ST: NC
STATION ID: MW04   COLLECTION START: 06/13/91 1110   STOP: 00/00/00
CASE NO.: 16599   SAS NO.:   D. NO.: BC56

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
10U	PHENOL	25U	3-NITROANILINE
10U	BIS(2-CHLOROETHYL) ETHER	10U	ACENAPHTHENE
10U	2-CHLOROPHENOL	25U	2,4-DINITROPHENOL
10U	1,3-DICHLOROBENZENE	25U	4-NITROPHENOL
10U	1,4-DICHLOROBENZENE	10U	DIBENZOFURAN
10U	1,2-DICHLOROBENZENE	10U	2,4-DINITROTOLUENE
10U	2-METHYLPHENOL	10U	DIETHYL PHTHALATE
10U	2,2'-CHLOROISOPROPYLETHER	10U	4-CHLOROPHENYL PHENYL ETHER
10U	(3-AND/OR 4-)METHYLPHENOL	10U	FLUORENE
10U	N-NITROSODI-N-PROPYLAMINE	25U	4-NITROANILINE
10U	HEXACHLOROETHANE	25U	2-METHYL-4,6-DINITROPHENOL
10U	NITROBENZENE	10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	ISOPHORONE	10U	4-BROMOPHENYL PHENYL ETHER
10U	2-NITROPHENOL	10U	HEXACHLOROBENZENE (HCB)
10U	2,4-DIMETHYLPHENOL	25U	PENTACHLOROPHENOL
10U	BIS(2-CHLOROETHOXY) METHANE	10U	PHENANTHRENE
10U	2,4-DICHLOROPHENOL	10U	ANTHRACENE
10U	1,2,4-TRICHLOROBENZENE	10U	CARBAZOLE
10U	NAPHTHALENE	10U	DI-N-BUTYLPHTHALATE
10U	4-CHLOROANILINE	10U	FLUORANTHENE
10U	HEXACHLOROBUTADIENE	10U	PYRENE
10U	4-CHLORO-3-METHYLPHENOL	10U	BENZYL BUTYL PHTHALATE
10U	2-METHYLNAPHTHALENE	10U	3,3'-DICHLOROBENZIDINE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)	10U	BENZO(A)ANTHRACENE
10U	2,4,6-TRICHLOROPHENOL	10UR	CHRYSENE
25U	2,4,5-TRICHLOROPHENOL	10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	2-CHLORONAPHTHALENE	10U	DI-N-OCTYLPHTHALATE
25U	2-NITROANILINE	10U	BENZO(B AND/OR K)FLUORANTHENE
10U	DIMETHYL PHTHALATE	10U	BENZO-A-PYRENE
10U	ACENAPHTHYLENE	10U	INDENO (1,2,3-CD) PYRENE
10U	2,6-DINITROTOLUENE	10U	DIBENZO(A,H)ANTHRACENE
		10UJ	BENZO(GHI)PERYLENE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59095 SAMPLE TYPE:
SOURCE:
STATION ID: MW05

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1125 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC57

UG/L	ANALYTICAL RESULTS
10U	PHENOL
10U	BIS(2-CHLOROETHYL) ETHER
10U	2-CHLOROPHENOL
10U	1,3-DICHLOROBENZENE
10U	1,4-DICHLOROBENZENE
10U	1,2-DICHLOROBENZENE
10U	2-METHYLPHENOL
10U	2,2'-CHLOROISOPROPYLETHER
10U	(3-AND/OR 4-)METHYLPHENOL
10U	N-NITROSODI-N-PROPYLAMINE
10U	HEXACHLOROETHANE
10U	NITROBENZENE
10U	ISOPHORONE
10U	2-NITROPHENOL
10U	2,4-DIMETHYLPHENOL
10U	BIS(2-CHLOROETHOXY) METHANE
10U	2,4-DICHLOROPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	NAPHTHALENE
10U	4-CHLOROANILINE
10U	HEXACHLOROBUTADIENE
10U	4-CHLORO-3-METHYLPHENOL
10U	2-METHYLNAPHTHALENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	2,4,6-TRICHLOROPHENOL
25U	2,4,5-TRICHLOROPHENOL
10U	2-CHLORONAPHTHALENE
25U	2-NITROANILINE
10U	DIMETHYL PHTHALATE
10U	ACENAPHTHYLENE
10U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
25U	3-NITROANILINE
10U	ACENAPHTHENE
25U	2,4-DINITROPHENOL
25U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2,4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
25U	4-NITROANILINE
25U	2-METHYL-4,6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
25U	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	ANTHRACENE
10U	CARBAZOLE
10U	DI-N-BUTYLPHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
10U	3,3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10UR	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1,2,3-CD) PYRENE
10U	DIBENZO(A,H)ANTHRACENE
10UJ	BENZO(GHI)PERYLENE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59089 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW08

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0845 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC51

UG/L	ANALYTICAL RESULTS
10U	PHENOL
10U	BIS(2-CHLOROETHYL) ETHER
10U	2-CHLOROPHENOL
10U	1,3-DICHLOROBENZENE
10U	1,4-DICHLOROBENZENE
10U	1,2-DICHLOROBENZENE
10U	2-METHYLPHENOL
10U	2,2'-CHLOROISOPROPYLETHER
10U	(3-AND/OR 4-)METHYLPHENOL
10U	N-NITROSODI-N-PROPYLAMINE
10U	HEXACHLOROETHANE
10U	NITROBENZENE
10U	ISOPHORONE
10U	2-NITROPHENOL
10U	2,4-DIMETHYLPHENOL
10U	BIS(2-CHLOROETHOXY) METHANE
10U	2,4-DICHLOROPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	NAPHTHALENE
10U	4-CHLOROANILINE
10U	HEXACHLOROBUTADIENE
10U	4-CHLORO-3-METHYLPHENOL
10U	2-METHYLNAPHTHALENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	2,4,6-TRICHLOROPHENOL
25U	2,4,5-TRICHLOROPHENOL
10U	2-CHLORONAPHTHALENE
25U	2-NITROANILINE
10U	DIMETHYL PHTHALATE
10U	ACENAPHTHYLENE
10U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
25U	3-NITROANILINE
10U	ACENAPHTHENE
25U	2,4-DINITROPHENOL
25U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2,4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
25U	4-NITROANILINE
25U	2-METHYL-4,6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
25U	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	ANTHRACENE
10U	CARBAZOLE
10U	DI-N-BUTYLPHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
10U	3,3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10UR	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1,2,3-CD) PYRENE
10U	DIBENZO(A,H)ANTHRACENE
10UJ	BENZO(GHI)PERYLENE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59090 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW09

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0925 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC52

UG/L	ANALYTICAL RESULTS
10U	PHENOL
10U	BIS(2-CHLOROETHYL) ETHER
10U	2-CHLOROPHENOL
10U	1,3-DICHLOROBENZENE
10U	1,4-DICHLOROBENZENE
10U	1,2-DICHLOROBENZENE
10U	2-METHYLPHENOL
10U	2,2'-CHLOROISOPROPYLETHER
10U	(3-AND/OR 4-)METHYLPHENOL
10U	N-NITROSODI-N-PROPYLAMINE
10U	HEXACHLOROETHANE
10U	NITROBENZENE
10U	ISOPHORONE
10U	2-NITROPHENOL
10U	2,4-DIMETHYLPHENOL
10U	BIS(2-CHLOROETHOXY) METHANE
10U	2,4-DICHLOROPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	NAPHTHALENE
10U	4-CHLOROANILINE
10U	HEXACHLOROBUTADIENE
10U	4-CHLORO-3-METHYLPHENOL
10U	2-METHYLNAPHTHALENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	2,4,6-TRICHLOROPHENOL
25U	2,4,5-TRICHLOROPHENOL
10U	2-CHLORONAPHTHALENE
25U	2-NITROANILINE
10U	DIMETHYL PHTHALATE
10U	ACENAPHTHYLENE
10U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
25U	3-NITROANILINE
10U	ACENAPHTHENE
25U	2,4-DINITROPHENOL
25U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2,4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
25U	4-NITROANILINE
25U	2-METHYL-4,6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
25U	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	ANTHRACENE
10U	CARBAZOLE
10U	DI-N-BUTYLPHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
10U	3,3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10UR	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1,2,3-CD) PYRENE
10U	DIBENZO(A,H)ANTHRACENE
10UJ	BENZO(GHI)PERYLENE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59092 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW12

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 0950 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC54

UG/L	ANALYTICAL RESULTS
23U	PHENOL
10U	BIS(2-CHLOROETHYL) ETHER
10U	2-CHLOROPHENOL
10U	1,3-DICHLOROBENZENE
10U	1,4-DICHLOROBENZENE
10U	1,2-DICHLOROBENZENE
10U	2-METHYLPHENOL
10U	2,2'-CHLOROISOPROPYLETHER
10U	(3-AND/OR 4-)METHYLPHENOL
10U	N-NITROSODI-N-PROPYLAMINE
10U	HEXACHLOROETHANE
10U	NITROBENZENE
10U	ISOPHORONE
10U	2-NITROPHENOL
10U	2,4-DIMETHYLPHENOL
10U	BIS(2-CHLOROETHOXY) METHANE
10U	2,4-DICHLOROPHENOL
10U	1,2,4-TRICHLOROBENZENE
490	NAPHTHALENE
10U	4-CHLOROANILINE
10U	HEXACHLOROBUTADIENE
10U	4-CHLORO-3-METHYLPHENOL
150	2-METHYLNAPHTHALENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	2,4,6-TRICHLOROPHENOL
25U	2,4,5-TRICHLOROPHENOL
10U	2-CHLORONAPHTHALENE
25U	2-NITROANILINE
10U	DIMETHYL PHTHALATE
10U	ACENAPHTHYLENE
10U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
25U	3-NITROANILINE
10U	ACENAPHTHENE
25U	2,4-DINITROPHENOL
25U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2,4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
25U	4-NITROANILINE
25U	2-METHYL-4,6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
25U	PENTACHLOROPHENOL
2J	PHENANTHRENE
10U	ANTHRACENE
10U	CARBAZOLE
10U	DI-N-BUTYLPHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
10U	3,3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10UR	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1,2,3-CD) PYRENE
10U	DIBENZO(A,H)ANTHRACENE
10UJ	BENZO(GHI)PERYLENE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59091 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: MW13 COLLECTION START: 06/13/91 0935 STOP: 00/00/00 **
**
** CASE NO.: 16599 SAS NO.: D. NO.: BC53 **

UG/L	ANALYTICAL RESULTS
10U	PHENOL
10U	BIS(2-CHLOROETHYL) ETHER
10U	2-CHLOROPHENOL
10U	1,3-DICHLOROBENZENE
10U	1,4-DICHLOROBENZENE
10U	1,2-DICHLOROBENZENE
10U	2-METHYLPHENOL
10U	2,2'-CHLOROISOPROPYLETHER
10U	(3-AND/OR 4-)METHYLPHENOL
10U	N-NITROSODI-N-PROPYLAMINE
10U	HEXACHLOROETHANE
10U	NITROBENZENE
10U	ISOPHORONE
10U	2-NITROPHENOL
10U	2,4-DIMETHYLPHENOL
10U	BIS(2-CHLOROETHOXY) METHANE
10U	2,4-DICHLOROPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	NAPHTHALENE
10U	4-CHLOROANILINE
10U	HEXACHLOROBUTADIENE
10U	4-CHLORO-3-METHYLPHENOL
10U	2-METHYLNAPHTHALENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	2,4,6-TRICHLOROPHENOL
25U	2,4,5-TRICHLOROPHENOL
10U	2-CHLORONAPHTHALENE
25U	2-NITROANILINE
10U	DIMETHYL PHTHALATE
10U	ACENAPHTHYLENE
10U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
25U	3-NITROANILINE
10U	ACENAPHTHENE
25U	2,4-DINITROPHENOL
25U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2,4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
25U	4-NITROANILINE
25U	2-METHYL-4,6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
25U	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	ANTHRACENE
10U	CARBAZOLE
10U	DI-N-BUTYLPHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
10U	3,3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10UR	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1,2,3-CD) PYRENE
10U	DIBENZO(A,H)ANTHRACENE
10UJ	BENZO(GHI)PERYLENE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59097 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW17

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1010 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC59

UG/L	ANALYTICAL RESULTS
10U	PHENOL
10U	BIS(2-CHLOROETHYL) ETHER
10U	2-CHLOROPHENOL
10U	1,3-DICHLOROBENZENE
10U	1,4-DICHLOROBENZENE
10U	1,2-DICHLOROBENZENE
10U	2-METHYLPHENOL
10U	2,2'-CHLOROISOPROPYLETHER
10U	(3-AND/OR 4-)METHYLPHENOL
10U	N-NITROSODI-N-PROPYLAMINE
10U	HEXACHLOROETHANE
10U	NITROBENZENE
10U	ISOPHORONE
10U	2-NITROPHENOL
10U	2,4-DIMETHYLPHENOL
10U	BIS(2-CHLOROETHOXY) METHANE
10U	2,4-DICHLOROPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	NAPHTHALENE
10U	4-CHLOROANILINE
10U	HEXACHLOROBUTADIENE
10U	4-CHLORO-3-METHYLPHENOL
10U	2-METHYLNAPHTHALENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	2,4,6-TRICHLOROPHENOL
25U	2,4,5-TRICHLOROPHENOL
10U	2-CHLORONAPHTHALENE
25U	2-NITROANILINE
10U	DIMETHYL PHTHALATE
10U	ACENAPHTHYLENE
10U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
25U	3-NITROANILINE
10U	ACENAPHTHENE
25U	2,4-DINITROPHENOL
25U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2,4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
25U	4-NITROANILINE
25U	2-METHYL-4,6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
25U	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	ANTHRACENE
10U	CARBAZOLE
10U	DI-N-BUTYLPHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
10U	3,3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10UR	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1,2,3-CD) PYRENE
10U	DIBENZO(A,H)ANTHRACENE
10UJ	BENZO(GHI)PERYLENE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59098 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: MW18 COLLECTION START: 06/13/91 1015 STOP: 00/00/00 **
**
** CASE NO.: 16599 SAS NO.: D. NO.: BC60 **

UG/L	ANALYTICAL RESULTS
10U	PHENOL
10U	BIS(2-CHLOROETHYL) ETHER
10U	2-CHLOROPHENOL
10U	1,3-DICHLOROBENZENE
10U	1,4-DICHLOROBENZENE
10U	1,2-DICHLOROBENZENE
10U	2-METHYLPHENOL
10U	2,2'-CHLOROISOPROPYLETHER
10U	(3-AND/OR 4-)METHYLPHENOL
10U	N-NITROSODI-N-PROPYLAMINE
10U	HEXACHLOROETHANE
10U	NITROBENZENE
10U	ISOPHORONE
10U	2-NITROPHENOL
10U	2,4-DIMETHYLPHENOL
10U	BIS(2-CHLOROETHOXY) METHANE
10U	2,4-DICHLOROPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	NAPHTHALENE
10U	4-CHLOROANILINE
10U	HEXACHLOROBUTADIENE
10U	4-CHLORO-3-METHYLPHENOL
10U	2-METHYLNAPHTHALENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	2,4,6-TRICHLOROPHENOL
25U	2,4,5-TRICHLOROPHENOL
10U	2-CHLORONAPHTHALENE
25U	2-NITROANILINE
10U	DIMETHYL PHTHALATE
10U	ACENAPHTHYLENE
10U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
25U	3-NITROANILINE
10U	ACENAPHTHENE
25U	2,4-DINITROPHENOL
25U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2,4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
25U	4-NITROANILINE
25U	2-METHYL-4,6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
25U	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	ANTHRACENE
10U	CARBAZOLE
10U	DI-N-BUTYLPHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
10U	3,3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10UR	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1,2,3-CD) PYRENE
10U	DIBENZO(A,H)ANTHRACENE
10UJ	BENZO(GHI)PERYLENE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59105 SAMPLE TYPE: SURFACEWA
SOURCE: UNION OIL CO SE TERM
STATION ID: TB01W

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/12/91 0700 STOP: 00/00/00

CASE NO.: 16599 SAS NO.: D. NO.: BC63

UG/L	ANALYTICAL RESULTS
10U	PHENOL
10U	BIS(2-CHLOROETHYL) ETHER
10U	2-CHLOROPHENOL
10U	1,3-DICHLOROBENZENE
10U	1,4-DICHLOROBENZENE
10U	1,2-DICHLOROBENZENE
10U	2-METHYLPHENOL
10U	2,2'-CHLOROISOPROPYLETHER
10U	(3-AND/OR 4-)METHYLPHENOL
10U	N-NITROSODI-N-PROPYLAMINE
10U	HEXACHLOROETHANE
10U	NITROBENZENE
10U	ISOPHORONE
10U	2-NITROPHENOL
10U	2,4-DIMETHYLPHENOL
10U	BIS(2-CHLOROETHOXY) METHANE
10U	2,4-DICHLOROPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	NAPHTHALENE
10U	4-CHLOROANILINE
10U	HEXACHLOROBUTADIENE
10U	4-CHLORO-3-METHYLPHENOL
10U	2-METHYLNAPHTHALENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	2,4,6-TRICHLOROPHENOL
25U	2,4,5-TRICHLOROPHENOL
10U	2-CHLORONAPHTHALENE
25U	2-NITROANILINE
10U	DIMETHYL PHTHALATE
10U	ACENAPHTHYLENE
10U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
25U	3-NITROANILINE
10U	ACENAPHTHENE
25U	2,4-DINITROPHENOL
25U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2,4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
25U	4-NITROANILINE
25U	2-METHYL-4,6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
25U	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	ANTHRACENE
10U	CARBAZOLE
10U	DI-N-BUTYLPHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
10U	3,3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10UR	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1,2,3-CD) PYRENE
10U	DIBENZO(A,H)ANTHRACENE
10UJ	BENZO(GHI)PERYLENE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 91-727	SAMPLE NO. 59093	SAMPLE TYPE: GROUNDWA
PROG ELEM: NSF	COLLECTED BY: A WILLIAMS	
SOURCE: UNION OIL CO SE TERM		
CITY: GREENSBORO	ST: NC	
STATION ID: MW02		
COLLECTION START: 06/13/91 1045	STOP: 00/00/00	
CASE.NO.: 16599	SAS NO.:	
D. NO.: BC55	MD NO: BF55	

ANALYTICAL RESULTS UG/L

1000J 2 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59096 SAMPLE TYPE: GROUNDWA	PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM	CITY: GREENSBORO ST: NC
STATION ID: MW03	COLLECTION START: 06/13/91 1255 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.:	D. NO.: BC58 MD NO: BF58

ANALYTICAL RESULTS UG/L

6JN	DICHLOROPHENYL ISOCYANATE
100JN	BROMACIL
800J	3 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59094 SAMPLE TYPE: GROUNDWA
SOURCE: UNION OIL CO SE TERM
STATION ID: MW04
CASE.NO.: 16599 SAS NO.:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1110 STOP: 00/00/00
D. NO.: BC56 MD NO: BF56

ANALYTICAL RESULTS UG/L

100JN	BROMACIL
2000J	2 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** ***
** PROJECT NO. 91-727 SAMPLE NO. 59095 SAMPLE TYPE: PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: CITY: GREENSBORO ST: NC **
** STATION ID: MW05 COLLECTION START: 06/13/91 1125 STOP: 00/00/00 **
** CASE.NO.: 16599 SAS NO.: D. NO.: BC57 MD NO: BF57 **
** **
*** ***

ANALYTICAL RESULTS UG/L

2000J	2 UNIDENTIFIED COMPOUNDS
8JN	(METHYLETHYL)BENZENE
10JN	DIHYDROMETHYLINDENE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** ***
** PROJECT NO. 91-727 SAMPLE NO. 59089 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: MW08 COLLECTION START: 06/13/91 0845 STOP: 00/00/00 **
** CASE.NO.: 16599 SAS NO.: D. NO.: BC51 MD NO: BF51 **
** **
*** ***

ANALYTICAL RESULTS UG/L

10JN BROMACIL

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** ***
** PROJECT NO. 91-727 SAMPLE NO. 59090 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: MW09 COLLECTION START: 06/13/91 0925 STOP: 00/00/00 **
** CASE.NO.: 16599 SAS NO.: D. NO.: BC52 MD NO: BF52 **
** **
*** ***

ANALYTICAL RESULTS UG/L

200JN	BROMACIL
900J	5 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** ***
** PROJECT NO. 91-727 SAMPLE NO. 59092 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: MW12 COLLECTION START: 06/13/91 0950 STOP: 00/00/00 **
** CASE.NO.: 16599 SAS NO.: D. NO.: BC54 MD NO: BF54 **
** **
*** ***

ANALYTICAL RESULTS UG/L

300J	6 UNIDENTIFIED COMPOUNDS
200JN	ETHYLMETHYLBENZENE (2 ISOMERS)
50JN	TRIMETHYLBENZENE
30JN	ETHYNYLMETHYLBENZENE
4JN	TETRAMETHYLBENZENE
4JN	DIHYDROMETHYLINDENE
5JN	1-METHYLNAPHTHALENE
90JN	BROMACIL

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59091 SAMPLE TYPE: GROUNDWA	PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM	CITY: GREENSBORO ST: NC
STATION ID: MW13	COLLECTION START: 06/13/91 0935 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.:	D. NO.: BC53 MD NO: BF53

ANALYTICAL RESULTS UG/L

800J 3 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.   08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

```
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
**   PROJECT NO. 91-727   SAMPLE NO. 59097  SAMPLE TYPE: GROUNDWA    PROG ELEM: NSF   COLLECTED BY: A WILLIAMS          **
**   SOURCE: UNION OIL CO SE TERM                                    CITY: GREENSBORO             ST: NC                **
**   STATION ID: MW17                                                COLLECTION START: 06/13/91  1010   STOP: 00/00/00  **
**   CASE.NO.: 16599          SAS NO.:                               D. NO.: BC59             MD NO: BF59               **
**                                                                                                                      **
*** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * ***
```

ANALYTICAL RESULTS UG/L

600J	2 UNIDENTIFIED COMPOUNDS
50JN	BROMACIL

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59098 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW18 COLLECTION START: 06/13/91 1015 STOP: 00/00/00
CASE.NO.: 16599 SAS NO.: D. NO.: BC60 MD NO: BF60

ANALYTICAL RESULTS UG/L

200J 3 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59093 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW02 COLLECTION START: 06/13/91 1045 STOP: 00/00/00
CASE NUMBER: 16599 SAS NUMBER: D. NUMBER: BC55

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
0.050U	ALPHA-BHC	0.50U	METHOXYCHLOR
0.050U	BETA-BHC	0.10U	ENDRIN KETONE
0.050U	DELTA-BHC	0.10U	ENDRIN ALDEHYDE
0.050U	GAMMA-BHC (LINDANE)		CHLORDANE (TECH. MIXTURE) /1
0.050U	HEPTACHLOR	0.050U	GAMMA-CHLORDANE /2
0.050U	ALDRIN	0.050U	ALPHA-CHLORDANE /2
0.050U	HEPTACHLOR EPOXIDE	5.0U	TOXAPHENE
0.050U	ENDOSULFAN I (ALPHA)	1.0U	PCB-1016 (AROCLOR 1016)
0.10U	DIELDRIN	2.0U	PCB-1221 (AROCLOR 1221)
0.10U	4,4'-DDE (P,P'-DDE)	1.0U	PCB-1232 (AROCLOR 1232)
0.10U	ENDRIN	1.0U	PCB-1242 (AROCLOR 1242)
0.10U	ENDOSULFAN II (BETA)	1.0U	PCB-1248 (AROCLOR 1248)
0.10U	4,4'-DDD (P,P'-DDD)	1.0U	PCB-1254 (AROCLOR 1254)
0.10U	ENDOSULFAN SULFATE	1.0U	PCB-1260 (AROCLOR 1260)
0.10U	4,4'-DDT (P,P'-DDT)		

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

PESTICIDES/PCB'S DATA REPORT

*** ***
** PROJECT NO. 91-727 SAMPLE NO. 59096 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS **
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC **
** STATION ID: MW03 COLLECTION START: 06/13/91 1255 STOP: 00/00/00 **
** CASE NUMBER: 16599 SAS NUMBER: D. NUMBER: BC58 **
** **
*** ***

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
0.049J	ALPHA-BHC	0.50U	METHOXYCHLOR
0.050U	BETA-BHC	0.10U	ENDRIN KETONE
0.050U	DELTA-BHC	0.10U	ENDRIN ALDEHYDE
0.050U	GAMMA-BHC (LINDANE)		CHLORDANE (TECH. MIXTURE) /1
0.050U	HEPTACHLOR	0.050U	GAMMA-CHLORDANE /2
0.050U	ALDRIN	0.050U	ALPHA-CHLORDANE /2
0.050U	HEPTACHLOR EPOXIDE	5.0U	TOXAPHENE
0.050U	ENDOSULFAN I (ALPHA)	1.0U	PCB-1016 (AROCLOR 1016)
0.10U	DIELDRIN	2.0U	PCB-1221 (AROCLOR 1221)
0.10U	4,4'-DDE (P,P'-DDE)	1.0U	PCB-1232 (AROCLOR 1232)
0.10U	ENDRIN	1.0U	PCB-1242 (AROCLOR 1242)
0.10U	ENDOSULFAN II (BETA)	1.0U	PCB-1248 (AROCLOR 1248)
0.10U	4,4'-DDD (P,P'-DDD)	1.0U	PCB-1254 (AROCLOR 1254)
0.10U	ENDOSULFAN SULFATE	1.0U	PCB-1260 (AROCLOR 1260)
0.10U	4,4'-DDT (P,P'-DDT)		

REMARKS ***REMARKS***

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

** PROJECT NO. 91-727 SAMPLE NO. 59094 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
** SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
** STATION ID: MW04 COLLECTION START: 06/13/91 1110 STOP: 00/00/00
** CASE NUMBER: 16599 SAS NUMBER: D. NUMBER: BC56

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
0.050U	ALPHA-BHC	0.50U	METHOXYCHLOR
0.050U	BETA-BHC	0.10U	ENDRIN KETONE
0.050U	DELTA-BHC	0.10U	ENDRIN ALDEHYDE
0.050U	GAMMA-BHC (LINDANE)		CHLORDANE (TECH. MIXTURE) /1
0.050U	HEPTACHLOR	0.050U	GAMMA-CHLORDANE /2
0.050U	ALDRIN	0.050U	ALPHA-CHLORDANE /2
0.050U	HEPTACHLOR EPOXIDE	5.0U	TOXAPHENE
0.050U	ENDOSULFAN I (ALPHA)	1.0U	PCB-1016 (AROCLOR 1016)
0.10U	DIELDRIN	2.0U	PCB-1221 (AROCLOR 1221)
0.10U	4,4'-DDE (P,P'-DDE)	1.0U	PCB-1232 (AROCLOR 1232)
0.10U	ENDRIN	1.0U	PCB-1242 (AROCLOR 1242)
0.10U	ENDOSULFAN II (BETA)	1.0U	PCB-1248 (AROCLOR 1248)
0.10U	4,4'-DDD (P,P'-DDD)	1.0U	PCB-1254 (AROCLOR 1254)
0.10U	ENDOSULFAN SULFATE	1.0U	PCB-1260 (AROCLOR 1260)
0.10U	4,4'-DDT (P,P'-DDT)		

REMARKS ***REMARKS***

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 08/21/91

PROJECT NO. 91-727 SAMPLE NO. 59095 SAMPLE TYPE:
SOURCE:
STATION ID: MW05
CASE NUMBER: 16599 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: A WILLIAMS
CITY: GREENSBORO ST: NC
COLLECTION START: 06/13/91 1125 STOP: 00/00/00
D. NUMBER: BC57

UG/L	ANALYTICAL RESULTS
0.50U	ALPHA-BHC
0.50U	BETA-BHC
0.50U	DELTA-BHC
0.50U	GAMMA-BHC (LINDANE)
0.50U	HEPTACHLOR
0.50U	ALDRIN
0.50U	HEPTACHLOR EPOXIDE
0.50U	ENDOSULFAN I (ALPHA)
1.0U	DIELDRIN
1.0U	4,4'-DDE (P,P'-DDE)
1.0U	ENDRIN
1.0U	ENDOSULFAN II (BETA)
1.0U	4,4'-DDD (P,P'-DDD)
1.0U	ENDOSULFAN SULFATE
1.0U	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
5.0U	METHOXYCHLOR
1.0U	ENDRIN KETONE
1.0U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
0.50U	GAMMA-CHLORDANE /2
0.50U	ALPHA-CHLORDANE /2
50U	TOXAPHENE
10U	PCB-1016 (AROCLOR 1016)
20U	PCB-1221 (AROCLOR 1221)
10U	PCB-1232 (AROCLOR 1232)
10U	PCB-1242 (AROCLOR 1242)
10U	PCB-1248 (AROCLOR 1248)
10U	PCB-1254 (AROCLOR 1254)
10U	PCB-1260 (AROCLOR 1260)

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59089 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW08 COLLECTION START: 06/13/91 0845 STOP: 00/00/00
CASE NUMBER: 16599 SAS NUMBER: D. NUMBER: BC51

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
0.050U	ALPHA-BHC	0.50U	METHOXYCHLOR
0.050U	BETA-BHC	0.10U	ENDRIN KETONE
0.050U	DELTA-BHC	0.10U	ENDRIN ALDEHYDE
0.050U	GAMMA-BHC (LINDANE)		CHLORDANE (TECH. MIXTURE) /1
0.050U	HEPTACHLOR	0.050U	GAMMA-CHLORDANE /2
0.050U	ALDRIN	0.050U	ALPHA-CHLORDANE /2
0.050U	HEPTACHLOR EPOXIDE	5.0U	TOXAPHENE
0.050U	ENDOSULFAN I (ALPHA)	1.0U	PCB-1016 (AROCLOR 1016)
0.10U	DIELDRIN	2.0U	PCB-1221 (AROCLOR 1221)
0.10U	4,4'-DDE (P,P'-DDE)	1.0U	PCB-1232 (AROCLOR 1232)
0.10U	ENDRIN	1.0U	PCB-1242 (AROCLOR 1242)
0.10U	ENDOSULFAN II (BETA)	1.0U	PCB-1248 (AROCLOR 1248)
0.10U	4,4'-DDD (P,P'-DDD)	1.0U	PCB-1254 (AROCLOR 1254)
0.10U	ENDOSULFAN SULFATE	1.0U	PCB-1260 (AROCLOR 1260)
0.10U	4,4'-DDT (P,P'-DDT)		

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA. 08/21/91

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59090 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW09 COLLECTION START: 06/13/91 0925 STOP: 00/00/00
CASE NUMBER: 16599 SAS NUMBER: D. NUMBER: BC52

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
0.050U	ALPHA-BHC	0.50U	METHOXYCHLOR
0.050U	BETA-BHC	0.10U	ENDRIN KETONE
0.050U	DELTA-BHC	0.10U	ENDRIN ALDEHYDE
0.050U	GAMMA-BHC (LINDANE)		CHLORDANE (TECH. MIXTURE) /1
0.050U	HEPTACHLOR	0.050U	GAMMA-CHLORDANE /2
0.050U	ALDRIN	0.050U	ALPHA-CHLORDANE /2
0.050U	HEPTACHLOR EPOXIDE	5.0U	TOXAPHENE
0.050U	ENDOSULFAN I (ALPHA)	1.0U	PCB-1016 (AROCLOR 1016)
0.10U	DIELDRIN	2.0U	PCB-1221 (AROCLOR 1221)
0.10U	4,4'-DDE (P,P'-DDE)	1.0U	PCB-1232 (AROCLOR 1232)
0.10U	ENDRIN	1.0U	PCB-1242 (AROCLOR 1242)
0.10U	ENDOSULFAN II (BETA)	1.0U	PCB-1248 (AROCLOR 1248)
0.10U	4,4'-DDD (P,P'-DDD)	1.0U	PCB-1254 (AROCLOR 1254)
0.10U	ENDOSULFAN SULFATE	1.0U	PCB-1260 (AROCLOR 1260)
0.10U	4,4'-DDT (P,P'-DDT)		

REMARKS ***REMARKS***

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59092 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW12 COLLECTION START: 06/13/91 0950 STOP: 00/00/00
CASE NUMBER: 16599 SAS NUMBER: D. NUMBER: BC54

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
0.50U	ALPHA-BHC	5.0U	METHOXYCHLOR
0.50U	BETA-BHC	1.0U	ENDRIN KETONE
0.50U	DELTA-BHC	1.0U	ENDRIN ALDEHYDE
0.50U	GAMMA-BHC (LINDANE)		CHLORDANE (TECH. MIXTURE) /1
5.0U	HEPTACHLOR	0.50U	GAMMA-CHLORDANE /2
0.50U	ALDRIN	0.50U	ALPHA-CHLORDANE /2
0.50U	HEPTACHLOR EPOXIDE	50U	TOXAPHENE
0.50U	ENDOSULFAN I (ALPHA)	10U	PCB-1016 (AROCLOR 1016)
1.0U	DIELDRIN	20U	PCB-1221 (AROCLOR 1221)
1.0U	4,4'-DDE (P,P'-DDE)	10U	PCB-1232 (AROCLOR 1232)
1.0U	ENDRIN	10U	PCB-1242 (AROCLOR 1242)
1.0U	ENDOSULFAN II (BETA)	10U	PCB-1248 (AROCLOR 1248)
1.0U	4,4'-DDD (P,P'-DDD)	10U	PCB-1254 (AROCLOR 1254)
1.0U	ENDOSULFAN SULFATE	10U	PCB-1260 (AROCLOR 1260)
1.0U	4,4'-DDT (P,P'-DDT)		

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59091 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: MW13 COLLECTION START: 06/13/91 0935 STOP: 00/00/00
CASE NUMBER: 16599 SAS NUMBER: D. NUMBER: BC53

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
0.050U	ALPHA-BHC	0.50U	METHOXYCHLOR
0.050U	BETA-BHC	0.10U	ENDRIN KETONE
0.050U	DELTA-BHC	0.10U	ENDRIN ALDEHYDE
0.050U	GAMMA-BHC (LINDANE)		CHLORDANE (TECH. MIXTURE) /1
0.050U	HEPTACHLOR	0.050U	GAMMA-CHLORDANE /2
0.050U	ALDRIN	0.050U	ALPHA-CHLORDANE /2
0.050U	HEPTACHLOR EPOXIDE	5.0U	TOXAPHENE
0.050U	ENDOSULFAN I (ALPHA)	1.0U	PCB-1016 (AROCLOR 1016)
0.10U	DIELDRIN	2.0U	PCB-1221 (AROCLOR 1221)
0.10U	4,4'-DDE (P,P'-DDE)	1.0U	PCB-1232 (AROCLOR 1232)
0.10U	ENDRIN	1.0U	PCB-1242 (AROCLOR 1242)
0.10U	ENDOSULFAN II (BETA)	1.0U	PCB-1248 (AROCLOR 1248)
0.10U	4,4'-DDD (P,P'-DDD)	1.0U	PCB-1254 (AROCLOR 1254)
0.10U	ENDOSULFAN SULFATE	1.0U	PCB-1260 (AROCLOR 1260)
0.10U	4,4'-DDT (P,P'-DDT)		

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 91-727   SAMPLE NO. 59097   SAMPLE TYPE: GROUNDWA   PROG ELEM: NSF   COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM   CITY: GREENSBORO   ST: NC
STATION ID: MW17   COLLECTION START: 06/13/91 1010   STOP: 00/00/00
CASE NUMBER: 16599   SAS NUMBER: D. NUMBER: BC59

UG/L	ANALYTICAL RESULTS
0.050U	ALPHA-BHC
0.050U	BETA-BHC
0.050U	DELTA-BHC
0.050U	GAMMA-BHC (LINDANE)
0.050U	HEPTACHLOR
0.050U	ALDRIN
0.050U	HEPTACHLOR EPOXIDE
0.050U	ENDOSULFAN I (ALPHA)
0.10U	DIELDRIN
0.10U	4,4'-DDE (P,P'-DDE)
0.10U	ENDRIN
0.10U	ENDOSULFAN II (BETA)
0.10U	4,4'-DDD (P,P'-DDD)
0.10U	ENDOSULFAN SULFATE
0.10U	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
0.50U	METHOXYCHLOR
0.10U	ENDRIN KETONE
0.10U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
0.050U	GAMMA-CHLORDANE /2
0.050U	ALPHA-CHLORDANE /2
5.0U	TOXAPHENE
1.0U	PCB-1016 (AROCLOR 1016)
2.0U	PCB-1221 (AROCLOR 1221)
1.0U	PCB-1232 (AROCLOR 1232)
1.0U	PCB-1242 (AROCLOR 1242)
1.0U	PCB-1248 (AROCLOR 1248)
1.0U	PCB-1254 (AROCLOR 1254)
1.0U	PCB-1260 (AROCLOR 1260)

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS   1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 91-727   SAMPLE NO. 59098   SAMPLE TYPE: GROUNDWA   PROG ELEM: NSF   COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM   CITY: GREENSBORO   ST: NC
STATION ID: MW18   COLLECTION START: 06/13/91 1015   STOP: 00/00/00
CASE NUMBER: 16599   SAS NUMBER: D. NUMBER: BC60

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
0.050U	ALPHA-BHC	0.50U	METHOXYCHLOR
0.050U	BETA-BHC	0.10U	ENDRIN KETONE
0.050U	DELTA-BHC	0.10U	ENDRIN ALDEHYDE
0.050U	GAMMA-BHC (LINDANE)		CHLORDANE (TECH. MIXTURE) /1
0.050U	HEPTACHLOR	0.050U	GAMMA-CHLORDANE /2
0.050U	ALDRIN	0.050U	ALPHA-CHLORDANE /2
0.050U	HEPTACHLOR EPOXIDE	5.0U	TOXAPHENE
0.050U	ENDOSULFAN I (ALPHA)	1.0U	PCB-1016 (AROCLOR 1016)
0.10U	DIELDRIN	2.0U	PCB-1221 (AROCLOR 1221)
0.10U	4,4'-DDE (P,P'-DDE)	1.0U	PCB-1232 (AROCLOR 1232)
0.10U	ENDRIN	1.0U	PCB-1242 (AROCLOR 1242)
0.10U	ENDOSULFAN II (BETA)	1.0U	PCB-1248 (AROCLOR 1248)
0.10U	4,4'-DDD (P,P'-DDD)	1.0U	PCB-1254 (AROCLOR 1254)
0.10U	ENDOSULFAN SULFATE	1.0U	PCB-1260 (AROCLOR 1260)
0.10U	4,4'-DDT (P,P'-DDT)		

REMARKS

REMARKS

FOOTNOTES

*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS   1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

08/21/91

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 91-727 SAMPLE NO. 59105 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: A WILLIAMS
SOURCE: UNION OIL CO SE TERM CITY: GREENSBORO ST: NC
STATION ID: TB01W COLLECTION START: 06/12/91 0700 STOP: 00/00/00
CASE NUMBER: 16599 SAS NUMBER: D. NUMBER: BC63

UG/L	ANALYTICAL RESULTS
0.050U	ALPHA-BHC
0.050U	BETA-BHC
0.050U	DELTA-BHC
0.050U	GAMMA-BHC (LINDANE)
0.050U	HEPTACHLOR
0.050U	ALDRIN
0.050U	HEPTACHLOR EPOXIDE
0.050U	ENDOSULFAN I (ALPHA)
0.10U	DIELDRIN
0.10U	4,4'-DDE (P,P'-DDE)
0.10U	ENDRIN
0.10U	ENDOSULFAN II (BETA)
0.10U	4,4'-DDD (P,P'-DDD)
0.10U	ENDOSULFAN SULFATE
0.10U	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
0.50U	METHOXYCHLOR
0.10U	ENDRIN KETONE
0.10U	ENDRIN ALDEHYDE
	CHLORDANE (TECH. MIXTURE) /1
0.050U	GAMMA-CHLORDANE /2
0.050U	ALPHA-CHLORDANE /2
5.0U	TOXAPHENE
1.0U	PCB-1016 (AROCLOR 1016)
2.0U	PCB-1221 (AROCLOR 1221)
1.0U	PCB-1232 (AROCLOR 1232)
1.0U	PCB-1242 (AROCLOR 1242)
1.0U	PCB-1248 (AROCLOR 1248)
1.0U	PCB-1254 (AROCLOR 1254)
1.0U	PCB-1260 (AROCLOR 1260)

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLING FIELD
SHEETS

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-TB-01
SAMPLE LOCATION:
TRIP BLANK #01

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 0700 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC	4-
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC 63	4-50946
2	40ML VIAL GLASS	VOA		DBC 63	~~4-~~47,48
1	1 Liter Polypropylene	METALS		MDBF	~~4-~~48D
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-TB-01S
SAMPLE LOCATION:
TRIP BLANK #01S

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-12-91 TIME: 0700 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC 64	4- 50862
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO- PB 01
SAMPLE LOCATION:
PRESERVATIVE BLANK
01

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-12-91 TIME: 0700 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC	4-
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC ~~63~~	4-
2	40ML VIAL GLASS	VOA		DBC ~~63~~	4-
1	1 Liter Polypropylene	METALS		MDBF 63	4-50949
1	1 Liter Polypropylene	CYANIDE		MDBF 63	~~4-~~ 50

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SB-01
SAMPLE LOCATION:
SUBSURFACE SOIL #01

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS
2) RON YOUNG
3) LARRY GRIER LG
4) SCOTT SINGLETON
5)
6)
7)
8)

DATE SAMPLED: 6-12-91 TIME: 1455 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0164023	DBC 37	4-50904
1	4 OZ., GLASS	VOA	W0229013	DBC 37	~~4~~-05
1	8 OZ., GLASS	METAL/CYANIDE	0164023	MDBF 37	~~4~~-06

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:
MATRIX DUPLICATE

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SB-02
SAMPLE LOCATION:
SUBSURFACE SOIL #02

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER LG 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-12-91 TIME: 1515 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0164023	DBC 39	4-50910
1	4 OZ., GLASS	VOA	WD229013	DBC 39	4-11
1	8 OZ., GLASS	METAL/CYANIDE	0164023	MDBF 39	4-12

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SB-03
SAMPLE LOCATION:
SUBSURFACE Soil #03

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER YB 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-12-91 TIME: 1530 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0164023	DBC 41	4-50916
1	4 OZ., GLASS	VOA	W0229013	DBC 41	4-17
1	8 OZ., GLASS	METAL/CYANIDE	0164023	MDBF 41	4-18

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SB-04
SAMPLE LOCATION:
SUBSURFACE SOil #04

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS
2) RON YOUNG
3) LARRY GRIER LG
4) SCOTT SINGLETON
5)
6)
7)
8)

DATE SAMPLED: 6-12-91 TIME: 1555 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0164023	DBC 42	4-50919
1	4 OZ., GLASS	VOA	W0229013	DBC 42	4-20
1	8 OZ., GLASS	METAL/CYANIDE	0164023	MDBF 42	4-21

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SB-05
SAMPLE LOCATION:
SUBSURFACE SOIL #05

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER LG 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 0830 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0164023	DBC 45	4-50928
1	4 OZ., GLASS	VOA	W0229013	DBC 45	4-29
1	8 OZ., GLASS	METAL/CYANIDE	0164023	MDBF 45	4-30

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SB-06
SAMPLE LOCATION:
SUBSURFACE SOIL #06

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: ~~1225~~ 1235 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0164023	DBC 47	4-50934
1	4 OZ., GLASS	VOA	W0229013	DBC 47	4-35
1	8 OZ., GLASS	METAL/CYANIDE	0164023	MDBF 47	4-36

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SB07
SAMPLE LOCATION:
SUBSURFACE SOIL #07

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER LG 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 1210 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0163023	DBC 49	4-50940
1	4 OZ., GLASS	VOA	W0229013	DBC 49	4-41
1	8 OZ., GLASS	METAL/CYANIDE	0163023	MDBF 49	4-42

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SB-08
SAMPLE LOCATION:
SUBSURFACE SOIL #08

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS
2) RON YOUNG
3) LARRY GRIER LB
4) SCOTT SINGLETON
5)
6)
7)
8)

DATE SAMPLED: 6-13-91 TIME: 1150 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0163023	DBC 62	4-50859
1	4 OZ., GLASS	VOA	0163023	DBC 62	~~4-~~60
1	8 OZ., GLASS	METAL/CYANIDE	0163023	MDBF 62	~~4-~~61

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SS-01
SAMPLE LOCATION:
SURFACE SOIL #01

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS
2) RON YOUNG
3) LARRY GRIER LD
4) SCOTT SINGLETON
5)
6)
7)
8)

DATE SAMPLED: 6-12-91 TIME: 1445 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0164023	DBC 36	4-50901
1	4 OZ., GLASS	VOA	W0229013	DBC 36	4-02
1	8 OZ., GLASS	METAL/CYANIDE	0164023	MDBF 36	4-03

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SS-02
SAMPLE LOCATION:
SURFACE SOIL #02

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER LG 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-12-91 TIME: 1510 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0164023	DBC 38	4-50907
1	4 OZ., GLASS	VOA	W0229013	DBC 38	4-08
1	8 OZ., GLASS	METAL/CYANIDE	0164023	MDBF 38	4-09

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SS-03
SAMPLE LOCATION:
SURFACE SOIL #03

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS
2) RON YOUNG
3) LARRY GRIER LB
4) SCOTT SINGLETON
5)
6)
7)
8)

DATE SAMPLED: 6-12-91 TIME: 1525 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0164023	DBC 40	4-50913
1	4 OZ., GLASS	VOA	WO229013	DBC 40	4-14
1	8 OZ., GLASS	METAL/CYANIDE	0164023	MDBF 40	4-15

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SS-04
SAMPLE LOCATION:
SURFACE SOIL #04

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS
2) RON YOUNG
3) LARRY GRIER LA
4) SCOTT SINGLETON
5)
6)
7)
8)

DATE SAMPLED: 6-12-91 TIME: 1545 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0164023	DBC 43	4-50922
1	4 OZ., GLASS	VOA	W0229013	DBC 43	4-23
1	8 OZ., GLASS	METAL/CYANIDE	0164023	MDBF 43	4-24

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SS-05
SAMPLE LOCATION:
SURFACE SOIL #05

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER YB 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 0825 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0164023	DBC 44	4-50925
1	4 OZ., GLASS	VOA	W0229013	DBC 44	4-26
1	8 OZ., GLASS	METAL/CYANIDE	0164023	MDBF 44	4-27

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SS-06
SAMPLE LOCATION:
SURFACE SOIL #06

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS
2) RON YOUNG
3) LARRY GRIER LG
4) SCOTT SINGLETON
5)
6)
7)
8)

DATE SAMPLED: 6-13-91 TIME: 1225 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0164023	DBC 46	4-50931
1	4 OZ., GLASS	VOA	W0229013	DBC 46	4-32
1	8 OZ., GLASS	METAL/CYANIDE	0164023	MDBF 46	4-33

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SS-07
SAMPLE LOCATION:
SURFACE SOIL #07

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS
2) RON YOUNG
3) LARRY GRIER
4) SCOTT SINGLETON
5)
6)
7)
8)

DATE SAMPLED: 6- -91 TIME: 1200 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0163023	DBC 48	4-450937
1	4 OZ., GLASS	VOA	W0229013	DBC 48	4-38
1	8 OZ., GLASS	METAL/CYANIDE	0163023	MDBF 48	4-39

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SS-08
SAMPLE LOCATION:
SURFACE SOIL #08

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS
2) RON YOUNG
3) LARRY GRIER LG
4) SCOTT SINGLETON
5)
6)
7)
8)

DATE SAMPLED: 6-13 -91 TIME: 1140 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0163023	DBC 61	4-50856
1	4 OZ., GLASS	VOA	W0229013	DBC 61	4-57
1	8 OZ., GLASS	METAL/CYANIDE	0163023	MDBF 61	4-58

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SD-01
SAMPLE LOCATION:
SEDIMENT #01

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER LG 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-~~16~~ 13 LB -91 TIME: 1000 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.	0164023	DBC 50	4-50943
1	4 OZ., GLASS	VOA	W0229013	DBC 50	4-~~45~~ LB 44
1	8 OZ., GLASS	METAL/CYANIDE	0164023	MDBF 50	4- 45

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-SD-02
SAMPLE LOCATION:
SEDIMENT #02

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS
2) RON YOUNG
3) LARRY GRIER LD
4) SCOTT SINGLETON
5)
6)
7)
8)

DATE SAMPLED: 6-13-91 TIME: 1335 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC 34	4-50874
1	4 OZ., GLASS	VOA		DBC 34	~~4-~~ 75~~1~~76
1	8 OZ., GLASS	METAL/CYANIDE		MDBF 34	~~4-~~ 76 LD 75

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF	4-
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS: SOIL BLANK

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-MW02
SAMPLE LOCATION:
MONITORING WELL #02

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER LG 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 1045 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC	4-
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.	X0291013	DBC 55	4-50976
2	40ML VIAL GLASS	VOA	B0255033	DBC 55	4-77, 78
1	1 Liter Polypropylene	METALS	X0158013	MDBF 55	4-79
1	1 Liter Polypropylene	CYANIDE	X0158013	MDBF 55	4-80

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):	77.1	X10		
pH:	5.75			
TEMP.:	82.1			

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-MW-03
SAMPLE LOCATION:
MONITORING WELL #03

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER LG 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 1255 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC	4-
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.	X0291013	DBC 58	4-50991
2	40ML VIAL GLASS	VOA	B0255033	DBC 58	4-92, 93
1	1 Liter Polypropylene	METALS	X0158013	MDBF 58	4-94
1	1 Liter Polypropylene	CYANIDE	X0158013	MDBF 58	4-95

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):	4.33	X10		
pH:	5.14			
TEMP.:	74.9			

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-MW04
SAMPLE LOCATION:
MONITORING WELL 04

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER LG 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 1110 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC	4-
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.	X0291013	DBC 56	4-50981
2	40ML VIAL GLASS	VOA	B025503	DBC 56	4-82,83
1	1 Liter Polypropylene	METALS	X0158013	MDBF 56	4-84
1	1 Liter Polypropylene	CYANIDE	X0158013	MDBF 56	4-85

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):	1.74	X10		
pH:	5.06			
TEMP.:	75.1			

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-MW-05
SAMPLE LOCATION:
MONITORING WELL #05

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER LD 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 1125 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC	4-
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.	X0291013	DBC 57	4-50986
2	40ML VIAL GLASS	VOA	B0255033	DBC 57	~~4-~~87, 88
1	1 Liter Polypropylene	METALS	X0158013	MDBF 57	~~4-~~89
1	1 Liter Polypropylene	CYANIDE	X0158013	MDBF 57	4-90

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):	7.20	X10		
pH:	5.14			
TEMP.:	75.9			

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-MW-07
SAMPLE LOCATION: MONITORING WELL #07

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER LG 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 1320 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC	4-
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC	4-
2	40ML VIAL GLASS	VOA		DBC	4-
1	1 Liter Polypropylene	METALS		MDBF 33	4-50873
1	1 Liter Polypropylene	CYANIDE		MDBF	4-

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS: ICS

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-MW-08
SAMPLE LOCATION: MONITORING WELL #08

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER LG 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 0845 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC	4-
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.	X0291013	DBC 51	4-50951,52
2	40ML VIAL GLASS	VOA	B0255033	DBC 51	4-53,54,55,56
1	1 Liter Polypropylene	METALS	~~X0291013~~ LB	MDBF 51	4-57,58
1	1 Liter Polypropylene	CYANIDE	~~X0291013~~ LB	MDBF 51	4-59,60
			X0158013		
			X0158013		

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS: MATRIX DUPLICATE

TIME:				
COND.(μmhos/cm):	2,50	X10		
pH:	5,37			
TEMP.:	72			

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-MW-09
SAMPLE LOCATION:
MONITORING WELL #09

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER LG 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 0925 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC	4-
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.	X0291013	DBC 52	4-50961
2	40ML VIAL GLASS	VOA	B0255033	DBC 52	4-62,63
1	1 Liter Polypropylene	METALS	X0158013	MDBF 52	4-64
1	1 Liter Polypropylene	CYANIDE	X0158013	MDBF 52	4-65

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):	2,25	X10		
pH:	4.79			
TEMP.:	72.1			

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-MW-12
SAMPLE LOCATION:
MONITORING WELL - 12

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER LG 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 0950 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC	4-
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.	X0291013	DBC 54	4-50971
2	40ML VIAL GLASS	VOA	B025503	DBC 54	A-72, 73
1	1 Liter Polypropylene	METALS	X0158013	MDBF 54	A-74
1	1 Liter Polypropylene	CYANIDE	X0158013	MDBF 54	A-75

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):	2.67	X10		
pH:	5.34			
TEMP.:	73			

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-MW-13
SAMPLE LOCATION: MONITORING WELL #13

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 0935 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC	4-
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.	X0291013	DBC 53	4-50966
2	40ML VIAL GLASS	VOA	B0255033	DBC 53	4-67, 68
1	1 Liter Polypropylene	METALS	X0158013	MDBF 53	4-69
1	1 Liter Polypropylene	CYANIDE	X0158013	MDBF 53	4-70

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):	3.41	X10		
pH:	5.35			
TEMP.:	73.7			

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO- MW 14
SAMPLE LOCATION:
MONITORING WELL 14

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS
2) RON YOUNG
3) LARRY GRIER LG
4) SCOTT SINGLETON
5)
6)
7)
8)

DATE SAMPLED: 6-13-91 TIME: 1300 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC	4-
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC 32	4-50868
2	40ML VIAL GLASS	VOA		DBC 32	~~4-~~69,70
1	1 Liter Polypropylene	METALS		MDBF 32	~~4-~~71
1	1 Liter Polypropylene	CYANIDE		MDBF 32	4-72

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS: H_2O SPIKE

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-MW-15
SAMPLE LOCATION:
MONITORING WELL #15

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER LG 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 1245 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC	4-
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.		DBC 31	4-50863
2	40ML VIAL GLASS	VOA		DBC 31	4-64, 65
1	1 Liter Polypropylene	METALS		MDBF 31	4-66
1	1 Liter Polypropylene	CYANIDE		MDBF 31	4-67

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS: H_2O BLANK

TIME:				
COND.(μmhos/cm):				
pH:				
TEMP.:				

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-MW-17
SAMPLE LOCATION: MONITORING WELL #17

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 1010 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC	4-
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.	X0291013	DBC 59	4-50996
2	40ML VIAL GLASS	VOA	B0255033	DBC 59	4-97, 98
1	1 Liter Polypropylene	METALS	X0158013	MDBF 59	4-99
1	1 Liter Polypropylene	CYANIDE	X0158013	MDBF 59	4-51000

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):	1,163	X100		
pH:	9.16			
TEMP.:	75.7			

NUS CORPORATION SAMPLING FIELD SHEET

SITE: UNION OIL COMPANY
TDD NO: F4-9105-21

CASE NUMBER: 16599
PROJECT NUMBER: 91-727
SAS NUMBER:

ADDRESS: 6801 WEST MARKET STREET
GUILFORD COUNTY
GREENSBORO, NORTH CAROLINA

SAMPLE CODE: UO-MW-18
SAMPLE LOCATION:
MONITORING WELL #18

CONTACT: CHARLIE WELLS
PHONE: (919)299-2611

SAMPLED BY:

1) ALVIN WILLIAMS 3) LARRY GRIER LG 5) 7)
2) RON YOUNG 4) SCOTT SINGLETON 6) 8)

DATE SAMPLED: 6-13-91 TIME: 1015 HRS

SOIL/SEDIMENT SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	8 OZ., GLASS	EXT. ORG.		DBC	4-
1	4 OZ., GLASS	VOA		DBC	4-
1	8 OZ., GLASS	METAL/CYANIDE		MDBF	4-

WATER SAMPLE

NO.	CONTAINER	ANALYSIS	CONTAINER LOT #	SAMPLE NO.	TAG NO.
1	1 GALLON GLASS	EXT. ORG.	X0291013	DBC 60	4-50851
2	40ML VIAL GLASS	VOA	B0255033	DBC 60	4-52,53
1	1 Liter Polypropylene	METALS	X158013	MDBF 60	4-54
1	1 Liter Polypropylene	CYANIDE	X158013	MDBF 60	4-55

FIELD MEASUREMENTS

Prepared by:	
Date Prepared:	
Log Book #:	F4-2936

REMARKS:

TIME:				
COND.(μmhos/cm):	1,82	X100		
pH:	7.87			
TEMP.:	74.9			

NUS CORPORATION
UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
Region 4 Field Investigation Team

RECEIPT FOR SAMPLES

NUS CORPORATION
1927 LAKESIDE PARKWAY
SUITE 614
TUCKER, GA 30084

PROJECT NO. 91 727

PROJECT NAME UNION OIL COMPANY

NAME & LOCATION OF FACILY/SITE 6801 WEST MARKET ST GREENSBORO, NORTH CAROLINA

SAMPLERS: (SIGNATURE) Larry Grier Alvin Williams

STATION NO. V.O.	1991 DATE	TIME	COMP	GRAB	STATION LOCATION/DESCRIPTION	NO. OF CONTAINERS	SPLIT SAMPLES Y OR N	SAMPLE TAG NO.S/REMARKS
SS01	6/12	1445		X	SURFACE SOIL #01	0	N	4-50901,02,03
SB01	6/12	1455		X	SUBSURFACE SOIL #01	0	N	04,05,06 TAG#'S ARE EPA/NUS
SS02	6/12	1510		X	SURFACE SOIL #02	0	N	07,08,09 TAG#'S REFER TO STATION
SB02	6/12	1515		X	SUBSURFACE SOIL #02	0	N	10,11,12 # FOR SAMPLE IDENTITY
SS03	6/12	1525		X	SURFACE SOIL #03	0	N	13,14,15
SB03	6/12	1530		X	SUBSURFACE SOIL #03	0	N	16,17,18
SB04	6/12	1555		X	SUBSURFACE SOIL #04	0	N	19,20,21
SS04	6/12	1545		X	SURFACE SOIL #04	0	N	22,23,24
SS05	6/13	0825		X	SURFACE SOIL #05	0	N	25,26,27
SB05	6/13	0830		X	SUBSURFACE SOIL #05	0	N	28,29,30
SS06	6/13	1225		X	SURFACE SOIL #06	0	N	31,32,33
SB06	6/13	1235		X	SUBSURFACE SOIL #06	0	N	34,35,36
SS07	6/13	1200		X	SURFACE SOIL #07	0	N	37,38,39
SB07	6/13	1210		X	SUBSURFACE SOIL #07	0	N	40,41,42
SD01	6/13	1000		X	SEDIMENT #01	0	N	43,44,45
SS08	6/13	1140		X	SURFACE SOIL #08	0	N	450856,57,58
SB08	6/13	1150		X	SUBSURFACE SOIL #08	0	N	59,60,61

SPLIT SAMPLES TRANSFERRED BY:
(PRINT) Alvin Williams
(SIGN) Alvin Williams
DATE 6/13/91
TIME

SPLIT SAMPLES RECEIVED BY ☐ OR DECLINED BY ☒ FEW
(PRINT) CHARLES E. WELLS
(SIGN) Charles E. Wells
TITLE TERMINAL MANAGER
DATE/TIME 6-13-91 1315
TELEPHONE 919-299-2611

DISTRIBUTION: Original to Coordinator Field Files: Copy to facility/site representative

NO. 4-0534

NUS CORPORATION
UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
Region 4 Field Investigation Team

RECEIPT FOR SAMPLES

NUS CORPORATION
1927 LAKESIDE PARKWAY
SUITE 614
TUCKER, GA 30084

PROJECT NO.	PROJECT NAME	NAME & LOCATION OF FACILY/SITE
91-727	UNION OIL COMPANY	6801 WEST MARKET ST. GREENSBORO, NORTH CAROLINA

SAMPLERS: (SIGNATURE) Larry Grier Alvin Williams

STATION NO. 00-	1991 DATE	TIME	COMP	GRAB	STATION LOCATION/DESCRIPTION	NO. OF CONTAINERS	SPLIT SAMPLES Y OR N	SAMPLE TAG NO.S/REMARKS
MW-08	6/13	0845		X	MONITORING WELL #08	0	N	450951,52,53,54,55,56,57,58,59,60
MW-09	6/13	0925		X	MONITORING WELL #09	0	N	61,62,63,64,65 TAG #'S ARE EPA / NUS
MW-11	6/13	0935		X	MONITORING WELL# 11	0	N	66,67,68,69,70 TAG #'S REFER TO
MW-12	6/13	0950		X	MONITORING WELL# 12	0	N	71,72,73,74,75 STATION # FOR SAMPLE
MW-02	6/13	1045		X	MONITORING WELL# 02	0	N	76,77,78,79,80 IDENTITY
MW-04	6/13	1110		X	MONITORING WELL# 04	0	N	81,82,83,84,85
MW-05	6/13	1125		X	MONITORING WELL# 05	0	N	86,87,88,89,90
MW03	6/13	1255		X	MONITORING WELL# 03	0	N	91,92,93,94,95
MW17	6/13	1010		X	MONITORING WELL#17	0	N	96,97,98,99,451000
MW18	6/13	1015		X	MONITORING WELL#18	0	N	450851,52,53,54,55

SPLIT SAMPLES TRANSFERRED BY:	DATE	SPLIT SAMPLES RECEIVED BY ☐ OR DECLINED BY ☑	DATE/TIME
(PRINT) Alvin Williams	6-13-91	(PRINT) CHARLES E. WELLS	6-13-91 1315
(SIGN) Alvin Williams	TIME 1315	(SIGN) Charles E. Wells	TELEPHONE 919-299-2611
		TITLE TERMINAL MANAGER	

DISTRIBUTION: Original to Coordinator Field Files: Copy to facility/site representative

NO. 4-0607

EPA

United States Environmental Protection Agency
Contract Laboratory Program Sample Management Office
PO Box 818 Alexandria, VA 22313
703-557-2490 FTS 557-2490

Organic Traffic Report
(For CLP Use Only)

Case Number: 16599
SAS No. (if applicable): —

1. Type of Activity (Check one): ☐ ENF ☐ NPLD ☐ RA ☒ SI ☐ STSI ☐ ER ☐ O&M ☐ RD ☐ ST ☐ Other (Specify) ☐ ESI ☐ PA ☐ RIFS ☐ STPA

2. Region Number: 4
Sampling Co.: FIT
Sampler (Name): ALVIN WILLIAMS

4. Date Shipped: 6/13/91
Carrier: FED EXPRESS
Airbill Number: 8644163334

Non-Superfund Program: —

3. Ship To: LARRY HOLLADAY
RECRA ENVIRONMENTAL, INC
8320 GUILFORD ROAD, BLDG F
COLUMBIA, MD. 21046
(301) 381 2288

Triple volume required for matrix spike/duplicate aqueous sample.

Ship medium and high concentration samples in paint cans.

See reverse for additional instructions.

Site Name: UNION OIL COMPANY
City, State: GREENSBORO, NC
Site Spill ID: —

5. Sample Description (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil (SAS)
7. Waste (SAS)
8. Other (SAS) (Specify)

IF VOA SAMPLE PRESERVED INDICATE IN COLUMN C WITH Y OR N.

CLP Sample Number (From labels)	(A) Sample Description (From box 5)	(B) Concentration L=low M=med H=high	(C) RAS Analysis VOA	BNA	Pest/PCB	ARO/TOX	(D) Special Handling	(E) Station Location UO-	(F) Date/Time of Sample Collection	(G) Corresponding CLP Inorganic Sample Number
DBC 51	2	L	✓	✓	✓		MATRIX DUPLICATE	MW 08	6/13/91 0845	MDBF 51
DBC 52	2	L	✓	✓	✓			MW 09	" " 0945	" " 52
" 53	2	L	✓	✓	✓			MW 13	" " 0935	" " 53
" 54	2	L	✓	✓	✓			MW 12	" " 0950	" " 54
" 55	2	L	✓	✓	✓			MW 02	" " 1045	" " 55
" 56	2	L	✓	✓	✓			MW 04	" " 1110	" " 56
" 57	2	L	✓	✓	✓			MW 05	" " 1125	" " 57
" 58	2	L	✓	✓	✓			MW 03	" " 1255	" " 58
" 59	2	L	✓	✓	✓			MW 17	" " 1010	" " 59
" 60	2	L	✓	✓	✓			MW 18	6/13/91 1015	" " 60
DBC 61	5	L	✓	✓	✓			SS 08	6/13/91 1140	MDBF 61
DBC 62	5	L	✓	✓	✓			SB 08	6/13/91 1150	MDBF 62
DBC 63	1	L	✓	✓	✓			TB 01W	6/12 0700	MDBF 63
DBC 64	5	L	✓					TB 01S	6/12 0700	
" 31	2	L	✓	✓	✓		H2O Blank	MW 15	6/13 1245	MDBF 31
" 32	2	L	✓	✓	✓		H2O Spike	MW 14	" " 1300	" " 32
" 34	5	L	✓	✓	✓		Soil Blank	SD 02	" " 1335	" " 34
DBC 35	5	L	✓	✓	✓		Soil Spike	SD 03	6/13 1345	

EPA Form 9110.2 (11-89) Replaces EPA Form 2075-7, which may be used. Blue - Region Copy Pink - SMO Copy White - Lab Copy for Return to SMO Yellow - Lab Copy

EPA

United States Environmental Protection Agency
Contract Laboratory Program Sample Management Office
PO Box 818 Alexandria, VA 22313
703-557-2490 FTS 557-2490

Organic Traffic Report
(For CLP Use Only)

Case Number: 16599
SAS No. (if applicable): —

1. Type of Activity (Check one)
☐ ENF ☐ NPLD ☐ RA ☒ SI ☐ STSI
☐ ER ☐ O&M ☐ RD ☐ ST ☐ Other (Specify)
☐ ESI ☐ PA ☐ RIFS ☐ STPA

Non-Superfund Program: —

Site Name: UNION OIL COMPANY

City, State: GREENSBORO, NC

Site Spill ID: —

2. Region Number: 4

Sampling Co.: FIT

Sampler (Name): ALVIN WILLIAMS

3. Ship To: LARRY HOLLADAY
RECRA ENVIRONMENTAL, INC.
8320 GUILFORD ROAD, BLDG F
COLUMBIA, MD 21046
(301) 381-2288

4. Date Shipped: 6/13/91

Carrier: FED. EXPRESS

Airbill Number: 8644163334

Triple volume required for matrix spike/duplicate aqueous sample.

Ship medium and high concentration samples in paint cans.

See reverse for additional instructions.

5. Sample Description (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil (SAS)
7. Waste (SAS)
8. Other (SAS) (Specify)

IF VOA SAMPLE PRESERVED INDICATE IN COLUMN C WITH Y OR N.

CLP Sample Number (From labels)	(A) Sample Description (From box 5)	(B) Concentration L=low M=med H=high	(C) RAS Analysis VOA	BNA	Pest/PCB	ARO/TOX	(D) Special Handling	(E) Station Location UO-	(F) Date/Time of Sample Collection	(G) Corresponding CLP Inorganic Sample Number
DBC 36	5	L	✓	✓	✓			SS01	6/12/91 1445	MDBF 36
DBC 37	5	L	✓	✓	✓		MATRIX DUPLICATE	SB01	6/12/91 1455	MDBF 37
" 38	5	L	✓	✓	✓			SS02	6/12/91 1510	" 38
" 39	5	L	✓	✓	✓			SB02	" 1515	" 39
" 40	5	L	✓	✓	✓			SS03	" 1525	" 40
" 41	5	L	✓	✓	✓			SB03	" 1530	" 41
" 42	5	L	✓	✓	✓			SB04	" 1555	" 42
" 43	5	L	✓	✓	✓			SS04	" 1545	" 43
" 44	5	L	✓	✓	✓			SB04	6/13/91 0825	" 44
" 45	5	L	✓	✓	✓			SS05	6/13/91 0830	" 45
" 46	5	L	✓	✓	✓			SS06	" 1225	" 46
" 47	5	L	✓	✓	✓			SB06	" 1235	" 47
" 48	5	L	✓	✓	✓			SS07	" 1200	" 48
DBC 49	5	L	✓	✓	✓			SB07	6/13/91 1210	MDBF 49
DBC 50	5	L	✓	✓	✓			SD01	6/13/91 1000	MDBF 50

EPA

United States Environmental Protection Agency
Contract Laboratory Program Sample Management Office
PO Box 818 Alexandria, VA 22313
703-557-2490 FTS 557-2490

Inorganic Traffic Report
(For CLP Use Only)

Case Number: 16599
SAS No. (if applicable): —

1. Type of Activity (Check one)
☐ ENF ☐ NPLD ☐ RA ☒ SI ☐ STSI
☐ ER ☐ Q&M ☐ RD ☐ ST ☐ Other (Specify)
☐ ESI ☐ PA ☐ RIFS ☐ STPA

2. Region Number: 4
Sampling Co.: FIT
Sampler (Name): ALVIN WILLIAMS

4. Date Shipped: 6/13/91
Carrier: FED EXPRESS
Airbill Number: 8635377614

Non-Superfund Program: —

Site Name: UNION OIL COMPANY
City, State: GREENSBORO, NC
Site Spill ID: —

3. Ship To: ANTONIA BENNEY
SKINNER & SHERMAN
300 SECOND AVE
WALTHAM, MA 02254
(617) 890 7200

Double volume required for matrix spike/duplicate aqueous sample.

Ship medium and high concentration samples in paint cans.

See reverse for additional instructions.

5. Sample Description (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil (SAS)
7. Waste (SAS)
8. Other (SAS) (Specify)

CLP Sample Number (From labels)	(A) Sample Description (From box 5)	(B) Concentration L=low M=med H=high	(C) List Preservative Used/Vol	(D) RAS Analysis: Total or Dissolved Metals	(D) Cyanide	(D) Low Conc. Sow: Nitrate/Nitrite	(D) Low Conc. Sow: Fluoride	(E) Special Handling	(F) Station Location UD-	(G) Date/Time of Sample Collection	(H) Corresponding Organic Sample Number
MDBF36	5	L		✓	✓				SS01	6/12/91 1445	DBC 36
" " 37	5	L		✓	✓			MATRIX DUPLICATE	SB01	6/12/91 1465	" " 37
" " 38	5	L		✓	✓				SS02	" " 1510	" " 38
" " 39	5	L		✓	✓				SB02	" " 1515	" " 39
" " 40	5	L		✓	✓				SS03	" " 1525	" " 40
" " 41	5	L		✓	✓				SB03	" " 1530	" " 41
" " 42	5	L		✓	✓				SB04	" " 1555	" " 42
" " 43	5	L		✓	✓				SS04	" " 1545	" " 43
" " 44	5	L		✓	✓				SS05	6/13/91 0825	" " 44
" " 45	5	L		✓	✓				SB05	6/13/91 0830	" " 45
" " 46	5	L		✓	✓				SS06	" " 1225	" " 46
" " 47	5	L		✓	✓				SB06	" " 1235	" " 47
" " 48	5	L		✓	✓				SS07	" " 1200	" " 48
" " 49	5	L		✓	✓				SB07	" " 1210	" " 49
" " 50	5	L		✓	✓				SD01	" " 1000	" " 50
" " 31	2	L		✓	✓			H2O Blank	MW15	" " 1245	" " 31

EPA Form 2075-1 (11-88) Replaces EPA Form 2075-6, which may be used. Green - Region Copy Pink - SMO Copy White - Lab Copy for Return to SMO Yellow - Lab Copy

EPA

United States Environmental Protection Agency
Contract Laboratory Program Sample Management Office
PO Box 818 Alexandria, VA 22313
703-557-2490 FTS 557-2490

Inorganic Traffic Report
(For CLP Use Only)

Case Number: 16599
SAS No. (if applicable): —

1. Type of Activity (Check one)
☐ ENF ☐ NPLD ☐ RA ☒ SI ☐ STSI
☐ ER ☐ O&M ☐ RD ☐ ST ☐ Other (Specify)
☐ ESI ☐ PA ☐ RIFS ☐ STPA

Non-Superfund Program: —

Site Name: UNION OIL COMPANY
City, State: GREENSBORO, NC
Site Spill ID: —

2. Region Number: 4
Sampling Co.: FIT
Sampler (Name): ALVIN WILLIAMS

3. Ship To: ANTONIA BENNEY
SKINNER + SHERMAN
300 SECOND AVE
WALTHAM, MA 02254
(617) 890 7200

4. Date Shipped: 6/13/91
Carrier: FED EXPRESS
Airbill Number: 8635777614

Double volume required for matrix spike/duplicate aqueous sample.

Ship medium and high concentration samples in paint cans.

See reverse for additional instructions.

5. Sample Description (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil (SAS)
7. Waste (SAS)
8. Other (SAS) (Specify)

CLP Sample Number (From labels)	(A) Sample Description (From box 5)	(B) Concentration L=low M=med H=high	(C) List Preservative Used/Vol	(D) RAS Analysis: Total or Dissolved Metals	Cyanide	Low Conc. Sow: Nitrate/Nitrite	Fluoride	(E) Special Handling	(F) Station Location	(G) Date/Time of Sample Collection	(H) Corresponding Organic Sample Number
MDBF51	2	L		✓	✓			MATRIX DUPLICATE	MW 08	6/13/91 0845	DBC 51
" " 52	2	L		✓	✓				MW 09	" " 0925	" " 52
" " 53	2	L		✓	✓				MW 13	" " 0935	" " 53
" " 54	2	L		✓	✓				MW 12	" " 0950	" " 54
" " 55	2	L		✓	✓				MW 02	" " 1045	" " 55
" " 56	2	L		✓	✓				MW 04	" " 1110	" " 56
" " 57	2	L		✓	✓				MW 05	" " 1125	" " 57
" " 58	2	L		✓	✓				MW 03	" " 1255	" " 58
" " 59	2	L		✓	✓				MW 17	" " 1010	" " 59
" " 60	2	L		✓	✓				MW 18	" " 1015	" " 60
" " 61	5	L		✓	✓				SS 08	" " 1140	" " 61
" " 62	5	L		✓	✓				SB 08	" " 1150	" " 62
" " 32	2	L		✓	✓			H2O Spike	MW 14	" " 1300	" " 31
" " 33	2	L		✓	✓			ICS	MW 07	" " 1320	
MDBF34	5	L		✓	✓			soil Blank	SD 02	6/13/91 1335	DBC 34
MDBF63	1	L		✓	✓				PB-01	6-12-91 0700	DBC 63

NUS CORPORATION
UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
Region 4 Field Investigation Team

Inorg

CHAIN OF CUSTODY RECORD

NUS CORPORATION
1927 LAKESIDE PARKWAY
SUITE 614
TUCKER, GA 30084

PROJECT NO. 91 727

PROJECT LEADER ALVIN Williams

REMARKS AIR# 8635777614
2 Coolers

PROJECT NAME/LOCATION

SAMPLE TYPES
1. SURFACE WATER
2. GROUND WATER
3. POTABLE WATER
4. WASTEWATER
5. LEACHATE
6. SOIL SEDIMENT
7. SLUDGE
8. WASTE
9. AIR
10. FISH
11. OTHER

SAMPLERS (SIGN) Larry Grier

CIRCLE/ADD parameters desired. List no. of containers submitted

ANALYSES: WATER — METALS, CYANIDE, VOA, EXT ORG/PEST/PCB; SOIL/SED — VOA, EXT ORG/PEST/PCB, METALS/CN

VO-STATION NO.	SAMPLE TYPE	DATE (1991)	TIME	COMP	GRAB	STATION LOCATION/DESCRIPTION	TOTAL CONTAINERS	METALS	CYANIDE	VOA	EXT ORG/PEST/PCB	VOA	EXT ORG/PEST/PCB	METALS/CN	TAG NO./SAMPLE NO.	LAB USE ONLY
SS01	6	6/12	1445		X	SURFACE Soil #01	1						1		MDBF 36/450903	
SB01	6	6/12	1455		X	SUBSURFACE Soil #01	1						1		" " 37/06	
SS02	6	6/12	1510		X	SURFACE Soil #02	1						1		" " 38/09	
SB02	6	6/12	1515		X	SUBSURFACE Soil #02	1						1		" " 39/12	
SS03	6	6/12	1525		X	SURFACE Soil #03	1						1		" " 40/15	
SB03	6	6/12	1530		X	SUBSURFACE Soil #03	1						1		" " 41/18	
SB04	6	6/12	1555		X	SUBSURFACE Soil #04 JD	1						1		" " 42/21	
SS04	6	6/12	1545		X	SURFACE Soil #04	1						1		" " 43/24	
SS05	6	6/13	0825		X	SURFACE Soil #05	1						1		" " 44/27	
SB05	6	6/13	0830		X	SUBSURFACE Soil #05	1						1		" " 45/30	
SS06	6	6/13	1225		X	SURFACE Soil #06	1						1		" " 46/33	
SB06	6	6/13	1235		X	SUBSURFACE Soil #06	1						1		" " 47/36	
SS07	6	6/13	1200		X	SURFACE Soil #07	1						1		" " 48/39	
SB07	6	6/13	1210		X	SUBSURFACE Soil #07	1						1		" " 49/42	
SD01	6	6/13	1000		X	SEDIMENT #01	1						1		" " 50/45	
MW15	2	6/13	1245		X	MONITORING WELL #15	2	1	1						MDBF 31/450866,67	

RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)
LARRY GRIER	6/13/91	FED EXPRESS			
(SIGN) Larry Grier		(SIGN)	(SIGN)		(SIGN)
RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)
(SIGN)		(SIGN)	(SIGN)		(SIGN)

DISTRIBUTION: White and pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. White copy is returned to samplers. Yellow copy retained by samplers.

NO. 4-[illegible]

NUS CORPORATION
UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
Region 4 Field Investigation Team

Inorg.

CHAIN OF CUSTODY RECORD

NUS CORPORATION
1927 LAKESIDE PARKWAY
SUITE 614
TUCKER, GA 30084

PROJECT NO. 91 727

PROJECT LEADER ALVIN WILLIAM

REMARKS Air # 8635777614
2 COOLERS

PROJECT NAME/LOCATION

SAMPLE TYPES
1. SURFACE WATER
2. GROUND WATER
3. POTABLE WATER
4. WASTEWATER
5. LEACHATE
6. SOIL SEDIMENT
7. SLUDGE
8. WASTE
9. AIR
10. FISH
11. OTHER

SAMPLERS (SIGN) Larry Grier

CIRCLE/ADD parameters desired. List no. of containers submitted

ANALYSES: WATER — METALS, CYANIDE, VOA, EXT ORG/PEST/PCB; SOIL/SED — VOA, EXT ORG/PEST/PCB, METALS/CN

UO-STATION NO.	SAMPLE TYPE	DATE (1991)	TIME	COMP	GRAB	STATION LOCATION/DESCRIPTION	TOTAL CONTAINERS	METALS	CYANIDE	VOA	EXT ORG/PEST/PCB			VOA	EXT ORG/PEST/PCB	METALS/CN			TAG NO./SAMPLE NO.	LAB USE ONLY
MW08	2	6/13	0845		X	MONITORING WELL #08	4	2	2										MDBF51 / 450957,8,9,60	
MW09	2	6/13	0925		X	MONITORING WELL #09	2	1	1										" " 52 / 64,65	
MW13	2	6/13	0935		X	" " " " #13	2	1	1										" " 53 / 69,70	
MW12	2	6/13	0950		X	" " " " #12	2	1	1										" " 54 / 74,75	
MW02	2	6/13	1045		X	" " " " #02	2	1	1										" " 55 / 79,80	
MW04	2	6/13	1110		X	" " " " #04	2	1	1										" " 56 / 84,85	
MW05	2	6/13	1125		X	" " " " #05.	2	1	1										" " 57 / 89,90	
MW03	2	6/13	1255		X	" " " " #03	2	1	1										" " 58 / 94,95	
MW17	2	6/13	1010		X	" " " " #17	2	1	1										" " 59 / 99,451000	
MW18	2	6/13	1015		X	MONITORING WELL #18	2	1	1										" " 60 / 450854,55	
SS08	6	6/13	1140		X	SURFACE SOIL #08	1									1			" " 61 / 58	
SB08	6	6/13	1150		X	SUBSURFACE SOIL #08	1									1			" " 62 / 61	
PB01	1	6/12	0700		X	PRESERVATIVE BLANK #01W	2	1	1										" " 63 / 450949,50	
MW14	2	6/13	1300		X	MONITORING WELL #14	2	1	1										" " 31 / 450871,72	
MW07	2	6/13	1320		X	" " " " #07	1	1											" " 33 / 73	
SD02	6	6/13	1335		X	SEDIMENT #02										1			MDBF 34 / 75	

RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)
LARRY GRIER	6/13/91	FED. EXPRESS			
(SIGN) Larry Grier		(SIGN)	(SIGN)		(SIGN)
RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)
(SIGN)		(SIGN)	(SIGN)		(SIGN)

DISTRIBUTION: White and pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory.

NB 4-0800

NUS CORPORATION
UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
Region 4 Field Investigation Team

CHAIN OF CUSTODY RECORD

NUS CORPORATION
1927 LAKESIDE PARKWAY
SUITE 614
TUCKER, GA 30084

PROJECT NO. 91 727
PROJECT LEADER ALVIN WILLIAM
PROJECT NAME/LOCATION
REMARKS AIR # 8644163334
3 COOLERS

SAMPLE TYPES
1. SURFACE WATER
2. GROUND WATER
3. POTABLE WATER
4. WASTEWATER
5. LEACHATE
6. SOIL SEDIMENT
7. SLUDGE
8. WASTE
9. AIR
10. FISH
11. OTHER

SAMPLERS (SIGN) Larry Grier

CIRCLE/ADD parameters desired. List no. of containers submitted

UD STATION NO.	SAMPLE TYPE	DATE (19 91)	TIME	COMP	GRAB	STATION LOCATION/DESCRIPTION	TOTAL CONTAINERS	METALS	CYANIDE	VOA	EXT ORG/PEST/PCB	VOA	EXT ORG/PEST/PCB	METALS/CN	TAG NO./SAMPLE NO.	LAB USE ONLY
SS01	6	6/12	1445		X	SURFACE SOIL #01	2					1	1		DBC36 / 4-50901,02	
SB01	6	6/12	1455		X	SUBSURFACE SOIL #01	2					1	1		DBC-37 / 04,05	
SS02	6	6/12	1510		X	SURFACE SOIL #02	2					1	1		" 38 / 07,08	
SB02	6	6/12	1515		X	SUBSURFACE SOIL #02	2					1	1		" 39 / 10,11	
SS03	6	6/12	1525		X	SURFACE SOIL #03	2					1	1		" 40 / 13,14	
SB03	6	6/12	1530		X	SUBSURFACE SOIL #03	2					1	1		" 41 / 16,17	
SB04	6	6/12	1555		X	SUBSURFACE SOIL #04	2					1	1		" 42 / 19,20	
SS04	6	6/12	1545		X	SURFACE SOIL #04	2					1	1		" 43 / 22,23	
SS05	6	6/13	0825		X	SURFACE SOIL #05	2					1	1		" 44 / 25,26	
SB05	6	6/13	0830		X	SUBSURFACE SOIL #05	2					1	1		" 45 / 28,29	
SS06	6	6/13	1225		X	SURFACE SOIL #06	2					1	1		" 46 / 31,32	
SB06	6	6/13	1235		X	SUBSURFACE SOIL #06	2					1	1		" 47 / 34,35	
SS07	6	6/13	1200		X	SURFACE SOIL #07	2					1	1		" 48 / 37,38	
SB07	6	6/13	1210		X	SUBSURFACE SOIL #08	2					1	1		" 49 / 40,41	
SD01	6	6/13	1000		X	SEDIMENT #01	2					1	1		" 50 / 43,44	
TB01W	1	6/12	0700		X	TRIP BLANK	3		2	1					" 63 / 46,47,48	

RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)
LARRY GRIER	6/13/91	FED. EXPRESS			
(SIGN) Larry Grier		(SIGN)	(SIGN)		(SIGN)
RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)
(SIGN)		(SIGN)	(SIGN)		(SIGN)

DISTRIBUTION: White and pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory.

NUS CORPORATION
UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
Region 4 Field Investigation Team

org.

CHAIN OF CUSTODY RECORD

NUS CORPORATION
1927 LAKESIDE PARKWAY
SUITE 614
TUCKER, GA 30084

PROJECT NO. 91 727

PROJECT LEADER ALVIN WILLIAMS

PROJECT NAME/LOCATION

REMARKS AIR # 8644163334
3 COOLERS
~~SD03, 6, 6/13/91~~ ~~VOA only~~ LB
~~SEDIMENT # 03~~
~~1 CONTAINERS~~
TIME: ~~1345~~ ~~DBC 35,~~ (TAG # 450927

SAMPLE TYPES
1. SURFACE WATER
2. GROUND WATER
3. POTABLE WATER
4. WASTEWATER
5. LEACHATE
6. SOIL SEDIMENT
7. SLUDGE
8. WASTE
9. AIR
10. FISH
11. OTHER _____

SAMPLERS (SIGN) Larry Grier

CIRCLE/ADD parameters desired. List no. of containers submitted

UO - STATION NO.	SAMPLE TYPE	19 91 DATE	TIME	COMP	GRAB	STATION LOCATION/DESCRIPTION	TOTAL CONTAINERS	METALS	CYANIDE	VOA	EXT ORG/PEST/PCB	VOA	EXT ORG/PEST/PCB	METALS/CN	TAG NO./SAMPLE NO.	LAB USE ONLY
								ANALYSES				WATER			SOIL/SED	
MW08	2	6/13	0845		X	MONITORING WELL #08	6		4	2					DBC 51/450951,2,3,4,5,6,7,8,9,10	
MW09	2	6/13	0925		X	" " " #09	3		2	1					DBC 52/61,62,63	
MW13	2	6/13	0935		X	" " " #13	3		2	1					" 53/66,67,68	
MW12	2	6/13	0950		X	" " " #12	3		2	1					" 54/71,72,73	
MW02	2	6/13	1045		X	" " " #02	3		2	1					" 55/76,77,78	
MW04	2	6/13	1110		X	" " " #04	3		2	1					" 56/81,82,83	
MW05	2	6/13	1125		X	" " " #05	3		2	1					" 57/86,87,88	
MW03	2	6/13	1255		X	" " " #03	3		2	1					" 58/91,92,93	
MW17	2	6/13	1010		X	MONITORING WELL #17	3		2	1					" 59/96,97,98	
MW18	2	6/13	1015		X	" " " #18	3		2	1					" 60/450851,52,53	
SS08	6	6/13	1140		X	SURFACE SOIL #08	2					1	1		DBC 61/56,57	
SB08	6	6/13	1150		X	SUBSURFACE SOIL #08	2					1	1		DBC 62/59,60	
TB01S	6	6/12	0700		X	TRIP BLANK 01S	1					1			DBC 64/450862	
MW15	2	6/13	1245		X	MONITORING WELL #15	3		2	1					" 31/63,64,65	
MW14	2	6/13	1300		X	" " " #14	3		2	1					" 32/68,69,70	
SD02	6	6/13	1335		X	SEDIMENT # 02	2					1	1		DBC 34/74,76	

RELINQUISHED BY: (PRINT) / (SIGN)	DATE/TIME	RECEIVED BY: (PRINT) / (SIGN)	RELINQUISHED BY: (PRINT) / (SIGN)	DATE/TIME	RECEIVED BY: (PRINT) / (SIGN)
LARRY GRIER / Larry Grier	6/13/91	FED. EXPRESS			

DISTRIBUTION: White and pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory. White copy is returned to samplers. Yellow copy retained by samplers.

NO. 4-

NUS CORPORATION
UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
Region 4 Field Investigation Team

CHAIN OF CUSTODY RECORD

NUS CORPORATION
1927 LAKESIDE PARKWAY
SUITE 614
TUCKER, GA 30084

PROJECT NO. 91 727

PROJECT LEADER ALVIN WILLIAMS

REMARKS AIR # 8644163334
3 COOLERS

PROJECT NAME/LOCATION

SAMPLE TYPES
1. SURFACE WATER
2. GROUND WATER
3. POTABLE WATER
4. WASTEWATER
5. LEACHATE
6. SOIL SEDIMENT
7. SLUDGE
8. WASTE
9. AIR
10. FISH
11. OTHER

SAMPLERS (SIGN) Larry Grier

CIRCLE/ADD parameters desired. List no. of containers submitted

ANALYSES: WATER — METALS, CYANIDE, VOA, EXT ORG/PEST/PCB; SOIL/SED — VOA, EXT ORG/PEST/PCB, METALS/CN

STATION NO. (VO)	SAMPLE TYPE	DATE (19 91)	TIME	COMP	GRAB	STATION LOCATION/DESCRIPTION	TOTAL CONTAINERS	METALS	CYANIDE	VOA	EXT ORG/PEST/PCB	VOA	EXT ORG/PEST/PCB	METALS/CN	TAG NO./SAMPLE NO.	LAB USE ONLY
SD03	6	6/13	1345		X	SEDIMENT #03	1					1			DBC 35/450877	

RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)
LARRY GRIER	6/13/91	FED EXPRESS			
(SIGN) Larry Grier		(SIGN)	(SIGN)		(SIGN)
RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)
(SIGN)		(SIGN)	(SIGN)		(SIGN)

DISTRIBUTION: White and pink copies accompany sample shipment to laboratory. Pink copy retained by laboratory.

SENDER'S COPY

2 OF 2 5942

DESCRIPTION

OF 5942019912

DESCRIPTION

OF 5942019921

DESCRIPTION

OF 5942019937

DESCRIPTION

OF 5942019946

PART # 105872 NCREV REV. 10/88 © 1988 F.E.C.
SENDER'S COPY 1/90

PACKAGE TRACKING NUMBER

QUESTIONS? CALL 800-23[illegible] FREE

4435777634

TERMS AND CONDITIONS

Sender's Federal Express Account Number | Date 6/4/[illegible]

SENDER'S COPY

1 From (Your Name) Please Print | Your Phone Number (Very Important) 404-498-7710

Company NUS CORPORATION | Department/Mail No.

Street Address 1371 CENTURY PARKWAY STE 41A

City TUCKER | State GA | Zip Required

2 To (Recipient's Name) Please Print ANTIC[illegible] | [illegible]

Company SKADDEN, ARPS, SLATE, MEAGHER & SHERMAN

Street Address 500 BOYLSTON AVE

City WALTHAM | State MA | Zip [illegible]

YOUR INTERNAL BILLING REFERENCE INFORMATION (First 24 characters will appear on invoice)

4 IF HOLD FOR PICK-UP, Print FEDEX Address Here
Street Address
City | State

3 PAYMENT 1 ☐ Bill Sender 2 ☐ Bill Recipient's FedEx Acct. No. Fill in Account Number Below 3 ☐ Bill 3rd Party FedEx Acct. No. Fill in Account Number Below (req'd) 4 ☐ Bill Credit Card Fill in Credit Card Number below
5 ☐ Cash/Check Acct./Credit Card No. | Exp. Date

1 SERVICES (Check only one box)

Priority Overnight Service (Delivery by next business morning)†
11 ☒ YOUR PACKAGING
18 ☐ FEDEX LETTER *
12 ☐ FEDEX PAK *
13 ☐ FEDEX BOX
14 ☐ FEDEX TUBE

Standard Overnight Service (Delivery by next business afternoon)†
51 ☐
56 ☐ FEDEX LETTER *
52 ☐ FEDEX PAK *
53 ☐ FEDEX BOX
54 ☐ FEDEX TUBE

Economy Distribution Service* (formerly Standard Air) (Delivery by second business day)†
30 ☐ ECONOMY DIST. SVC.

Heavyweight Service (for Extra Large or any package over 150 lbs.)
70 ☐ HEAVYWEIGHT **
80 ☐ DEFERRED HEAVYWEIGHT **

† Delivery commitment may be later in some areas.
*Declared Value Limit $100.
**Call for delivery schedule.

DELIVERY AND SPECIAL HANDLING (Check services required)

1 ☐ HOLD FOR PICK-UP (Fill in Box 4)
2 ☒ DELIVER WEEKDAY
3 ☐ DELIVER SATURDAY (Extra charge) (Not to all locations)
4 ☐ DANGEROUS GOODS (Extra charge)
5 ☐
6 ☐ DRY ICE lbs.
7 ☐ OTHER SPECIAL SERVICE
8 ☐
9 ☐ SATURDAY PICK-UP (Extra charge)
10 ☐
11 ☐
12 ☐ HOLIDAY DELIVERY (If offered) (Extra charge)

	Packages	Weight (In Pounds)	Total Declared Value (For $100 free)
	1	54	
	1	54	
Total	2	108	Total

DIM SHIPMENT (Chargeable Weight) ☐ lbs.

Received At
1 ☐ Regular Stop 3 ☐ Drop Box
2 ☐ On-Call Stop 4 ☐ BSC 5 ☐ Station

FedEx Emp. No. | Date/Time 6/4 1020

SERVICE CONDITIONS, DECLARED VALUE AND LIMIT OF LIABILITY

Use of this bill constitutes your agreement to the service conditions in the current Federal Express Service Guide, available upon request. Your signature on this bill is a copy of this bill for information.

We will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, and document your actual loss. Maximum liability limitations found in the current Federal Express Service Guide apply. Your right to recover from Federal Express for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the declared value specified in Box 5. Recovery cannot exceed actual documented loss. The maximum Declared Value for FedEx Letter and FedEx Pak packages is $500. Unless you specify a lower Declared Value, Federal Express will at your request and with some limitations, refund all transportation charges paid. See Service Guide for further information.

Sender authorizes Federal Express to deliver this shipment without obtaining a delivery signature and that indemnifies and holds harmless Federal Express from any claims resulting therefrom.

5 Release Signature:

FEDERAL EXPRESS

USE THIS AIRBILL FOR SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII.
USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO AND ALL NON U.S. LOCATIONS.
QUESTIONS? CALL 800-238-5355 TOLL FREE.

AIRBILL PACKAGE TRACKING NUMBER 8644363334

1109M 1 8644363334

SENDER'S COPY

Sender's Federal Express Account Number: 1009-2064-4 Date: 6/14/91

From (Your Name) Please Print: GREG LACEY
Your Phone Number (Very Important): 404-458-7710
Company: MUS CORPORATION
Department/Floor No.:
Street Address: 1927 LAKESIDE PARKWAY STE 614
City: TUCKER State: GA ZIP Required: 30085

To (Recipient's Name) Please Print: GARY [illegible]
Recipient's Phone Number (Very Important): (301) 391-22[illegible]
Company: RECON ENVIRONMENTAL INC
Department/Floor No.:
Exact Street Address (No Cover Letter P.O. Boxes or P.O. Zip Codes): 8320 GUILFORD ROAD SUITE F
City: COLUMBIA State: MD ZIP Required: 21046

YOUR INTERNAL BILLING REFERENCE INFORMATION (First 24 characters will appear on invoice.)

H IF HOLD FOR PICK-UP, Print FEDEX Address Here
Street Address:
City: State: ZIP Required:

3 PAYMENT 1 [X] Bill Sender (Acct No Req'd) 2 [ ] Bill Recipient's FedEx Acct. No. Fill in Account Number below 3 [ ] Bill 3rd Party FedEx Acct. No. Fill in Account Number below (req'd) 4 [ ] Bill Credit Card Fill in Credit Card Number below
[ ] Cash/Check Acct./Credit Card No.

4 SERVICES (Check only one box)

Priority Overnight Service (Delivery by next business morning†)
11 [X] YOUR PACKAGING
16 [ ] FEDEX LETTER*
12 [ ] FEDEX PAK*
13 [ ] FEDEX BOX
14 [ ] FEDEX TUBE

Standard Overnight Service (Delivery by next business afternoon†)
51 [ ]
56 [ ] FEDEX LETTER*
52 [ ] FEDEX PAK*
53 [ ] FEDEX BOX
54 [ ] FEDEX TUBE

Economy Distribution Service (formerly Standard Air) (Delivery by second business day†)
30 [ ] SECOND DAY L.T.L. DIST. SVS.

Heavyweight Service (for Extra Large or any package over 150 lbs.)
70 [ ] HEAVYWEIGHT**
80 [ ] DEFERRED HEAVYWEIGHT**

†Delivery commitments may be later in some areas
*Declared Value Limit $100
**Call for delivery schedule

DELIVERY AND SPECIAL HANDLING (Check services required)
1 [ ] HOLD FOR PICK-UP (Fill in Box H)
2 [X] DELIVER WEEKDAY
3 [ ] DELIVER SATURDAY (Extra charge) (Not available to all locations)
4 [ ] DANGEROUS GOODS (Extra charge)
5 [ ]
6 [ ] DRY ICE Lbs
7 [ ] OTHER SPECIAL SERVICE
8 [ ]
9 [ ] SATURDAY PICK-UP (Extra charge)
10 [ ]
11 [ ]
12 [ ] HOLIDAY DELIVERY (If offered) (Extra charge)

PACKAGES	WEIGHT in Pounds	Value of Shipment
1	94	
1	56	
Total 3	Total 24	Total

DIM SHIPMENT (Chargeable Weight) [ ] _____ lbs.

Received At
1 [ ] Regular Stop 3 [ ] Drop Box
2 [ ] On-Call Stop 4 [ ] BSC 5 [ ] Station

FedEx Emp. No.: Date/Time: 6/14 1020

SERVICE CONDITIONS, DECLARED VALUE AND LIMITATION OF LIABILITY

We will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, misdelivery or misinformation, unless you declare a higher value and pay an additional charge, but we will not be liable for any claim. Maximum liability under this contract is the Declared Value of the package. Federal Express Service Guide sets forth rights to recover from Federal Express for any loss, including commercial value of the package, loss of sales, income, interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the declared value specified at the left. Recovery cannot exceed actual documented loss. The minimum Declared Value for FedEx Letter and FedEx Pak packages is $100.00. In the event that delivery of shipment is delayed Federal Express will at your request and with some limitations, refund all transportation charges paid. See Service Guide for further information.

Sender authorizes Federal Express to deliver this shipment without obtaining a delivery signature and shall indemnify and hold harmless Federal Express from any claims resulting therefrom.

5 Release Signature:

Federal Express Use
Base Charges
Declared Value Charge
Other 1
Other 2
Total Charges

REVISION DATE 4/89 PART #119501 NCREC 7/90 FORMAT #027

927

© 1990 F.E.C. PRINTED IN U.S.A.

SENDER'S COPY

FEDERAL EXPRESS MULTIPLE PACKAGE SHIPMENT LABELS

SHIPMENT DATE	MASTER AIRBILL NUMBER			
6/14/91	8644363334	2 OF 3	3 OF 3	1 OF 3
		5942020253	5942020262	5942020271	5942020287
		DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION