AR TARGET SHEET

The following document was too large to scan as one unit, therefore it has been broken down into sections.

DOCUMENT # BO7K41-TMA-328

EDMC # 45749

SECTION 13 OF 17

NOT [illegible] ! 3-25-93SC 9213504.1336 13/4

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

000005
EPA SAMPLE NO.

B07K86

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-01A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R10

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

3-25-93 SC 9213504.1337

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. 000006

B07K86

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-01A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R10

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

NV
3-25-93 SC

NOT validated! 3/25/93

9213504.1338

000007
EPA SAMPLE NO.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

B07K90

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-05A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R14

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	7	J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

9213504.1339

000008

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B07K90

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-05A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R14

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

3-25-93 SC NV

Not validated 9/18/01 134BC

000009

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KB6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-02A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R11

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	2	J
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

9213504.1341

000010
EPA SAMPLE NO.

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B07KB6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-02A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R11

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

3-25-93 SC NV

Not Validated 3-25-93 9346504.1342

000011

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KC0

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-06A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R17

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B07KC0

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-06A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R17

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

3-25-93 NV

9213504.1394 Negated

000013

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KH6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-03A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R12

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

9713504.1345

000014

EPA SAMPLE NO.

B07KH6

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-03A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R12

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Not validated
3-25-93 SS

9213504.1346 25-93 Not validated

000015

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KJ0

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-07A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R18

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

9713504.1347

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. 000016

B07KJ0

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-07A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R18

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

3/25/93 SC NV

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

000017
EPA SAMPLE NO.

B07KJ6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-04A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R13

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B07KJ6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-04A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R13

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

MV
3-25-93 SC

Not [illegible] 9213504.1350

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

000019
EPA SAMPLE NO.

B07KK0

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-08A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R19

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B07KK0

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-08A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21102R19

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: not dec. ____ Date Analyzed: 11/02/92

GC Column: PACK ID: 2.00 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

3-25-93 SC

9213504.1352

000021

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07K86

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21105S11

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 10/30/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/92

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U

Not validated 9713504.1353
5-25-93-C

000022

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07K86

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21105S11

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: ____ decanted: (Y/N) ___ Date Extracted: 10/30/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	8	J
218-01-9	Chrysene	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B07K86

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21105S11

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 10/30/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

NV 5-25-93 SC

Not valid 9213504.1355
3-25-93

000024

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KB6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21105S14

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: ____ decanted: (Y/N) ___ Date Extracted: 10/30/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U

Not valid 9713504.1356
3-25-93

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KB6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21105S14

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: ____ decanted: (Y/N) ___ Date Extracted: 10/30/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/92

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

9713504.1357

000026
EPA SAMPLE NO.

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B07KB6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21105S14

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 10/30/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/92

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALCOHOL	5.92	8	J

Not Validated
3-25-93 SC

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KH6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21105S15

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 10/30/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KH6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21105S15

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: ____ decanted: (Y/N) ___ Date Extracted: 10/30/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/92

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

9713504.1360

000029

EPA SAMPLE NO.

B07KH6

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21105S15

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 10/30/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Not validated
3-25-93 SC

Nov 15504 156L1 3/25/93 JC

000030

EPA SAMPLE NO.

B07KJ6

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21105S16

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: ____ decanted: (Y/N) ___ Date Extracted: 10/30/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/92

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U

Not Validated 3/25/93

9213504.1362

000031

EPA SAMPLE NO.

B07KJ6

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21105S16

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: ____ decanted: (Y/N) ___ Date Extracted: 10/30/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/92

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	1	J
218-01-9	Chrysene	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

9713504.1363

000032
EPA SAMPLE NO.

B07KJ6

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21105S16

Level: (low/med) LOW Date Received: 10/28/92

% Moisture: ____ decanted: (Y/N) ___ Date Extracted: 10/30/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/92

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALCOHOL	5.97	4	J

Not Validated
3/25/93 SC

Not validated 9713504.1364
3-25-93

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 000033

B07K86

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: 10/28/92

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 10/30/92

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/17/92

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Not validated 2/25/93

9215504.1365

000034

EPA SAMPLE NO.

B07KB6

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: 10/28/92

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 10/30/92

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/17/92

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Not validated 9713504.1366
3/29/93 JC

000035

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KH6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: 10/28/92

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 10/30/92

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/17/92

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Not Validated
3/27/93 SC

9713504.1367

000036

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

B07KJ6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10085 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210085-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: 10/28/92

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 10/30/92

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/17/92

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

9213504.1368

Not validated
3/25/93 SC

WESTINGHOUSE/HANFORD
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NUMBER:
B07K86

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D0-0108

Lab Code: SKINER Case No.: N2-10-241SAS No.: SDG No.: B07K86

Matrix (soil/water): WATER Lab Sample ID: 10527-01S

Level (low/med): LOW Date Received: 10/30/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	118	B	N	P
7440-36-0	Antimony	16.9	U		P
7440-38-2	Arsenic	2.2	B		F
7440-39-3	Barium	17.8	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	47500			P
7440-47-3	Chromium	117		*	P
7440-48-4	Cobalt	2.7	U		P
7440-50-8	Copper	11.7	B		P
7439-89-6	Iron	1040		*	P
7439-92-1	Lead	3.7			F
7439-95-4	Magnesium	8770			P
7439-96-5	Manganese	14.1	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	48.4			P
7440-09-7	Potassium	5440			P
7782-49-2	Selenium	14.5	U		F
7440-22-4	Silver	2.9	B		P
7440-23-5	Sodium	11900			P
7440-28-0	Thallium	1.3	U		F
7440-62-2	Vanadium	7.7	B		P
7440-66-6	Zinc	8.3	B		P
	Cyanide	10.0	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

002

Not validated
3-25-93 SC

WESTINGHOUSE/HANFORD
1

SAMPLE NUMBER:

INORGANIC ANALYSIS DATA SHEET

B07K89

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D0-0108

Lab Code: SKINER Case No.: N2-10-241SAS No.: SDG No.: B07K89

Matrix (soil/water): WATER Lab Sample ID: 10533-01S

Level (low/med): LOW Date Received: 10/30/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	35.2	B		P
7440-36-0	Antimony	16.9	U		P
7440-38-2	Arsenic	2.9	U		F
7440-39-3	Barium	13.4	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.1	B		P
7440-70-2	Calcium	50600			P
7440-47-3	Chromium	13.2			P
7440-48-4	Cobalt	2.7	U		P
7440-50-8	Copper	3.5	U		P
7439-89-6	Iron	27.6	B		P
7439-92-1	Lead	3.3			F
7439-95-4	Magnesium	9580			P
7439-96-5	Manganese	4.7	U		P
7439-97-6	Mercury	0.12	B		CV
7440-02-0	Nickel	5.4	U		P
7440-09-7	Potassium	5780			P
7782-49-2	Selenium	3.8	U	WN	F
7440-22-4	Silver	2.5	U		P
7440-23-5	Sodium	12700			P
7440-28-0	Thallium	3.8	U		F
7440-62-2	Vanadium	9.7	B		P
7440-66-6	Zinc	5.4	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

002

Not valid 3/25/93 SC

SAMPLE NUMBER: B07KB9

INORGANIC ANALYSIS DATA SHEET

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D0-0108

Lab Code: SKINER Case No.: N2-10-241SAS No.: SDG No.: B07K89

Matrix (soil/water): WATER Lab Sample ID: 10533-02S

Level (low/med): LOW Date Received: 10/30/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	30.6	B		P
7440-36-0	Antimony	16.9	U		P
7440-38-2	Arsenic	2.9	U		F
7440-39-3	Barium	13.4	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	34500			P
7440-47-3	Chromium	14.1			P
7440-48-4	Cobalt	2.7	U		P
7440-50-8	Copper	3.5	U		P
7439-89-6	Iron	15.5	B		P
7439-92-1	Lead	2.3	B		F
7439-95-4	Magnesium	9080			P
7439-96-5	Manganese	4.7	U		P
7439-97-6	Mercury	0.12	B		CV
7440-02-0	Nickel	5.4	U		P
7440-09-7	Potassium	5350			P
7782-49-2	Selenium	3.3	U	WN	F
7440-22-4	Silver	2.5	U		P
7440-23-5	Sodium	10400			P
7440-28-0	Thallium	3.8	U	W	F
7440-62-2	Vanadium	12.5	B		P
7440-66-6	Zinc	4.6	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

003

9213504.1371

Not validated
3-25-93 SC

WESTINGHOUSE/HANFORD
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NUMBER: B07KH6

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D0-0108

Lab Code: SKINER Case No.: N2-10-241SAS No.: SDG No.: B07K86

Matrix (soil/water): WATER Lab Sample ID: 10527-03S

Level (low/med): LOW Date Received: 10/30/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	66.0	B	N	P
7440-36-0	Antimony	16.9	U		P
7440-38-2	Arsenic	1.9	U		F
7440-39-3	Barium	16.3	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.3	B		P
7440-70-2	Calcium	51300			P
7440-47-3	Chromium	36.2		*	P
7440-48-4	Cobalt	2.7	U		P
7440-50-8	Copper	7.7	B		P
7439-89-6	Iron	271		*	P
7439-92-1	Lead	5.1			F
7439-95-4	Magnesium	7870			P
7439-96-5	Manganese	10.1	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	17.9	B		P
7440-09-7	Potassium	5250			P
7782-49-2	Selenium	31.9		+	F
7440-22-4	Silver	4.0	B		P
7440-23-5	Sodium	12000			P
7440-28-0	Thallium	1.3	U		F
7440-62-2	Vanadium	6.4	B		P
7440-66-6	Zinc	2.6	B		P
	Cyanide	10.0	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

004

Not validated 3-25-93 SC

9213504.1572

WESTINGHOUSE/HANFORD

1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NUMBER: B07KH9

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D0-0108

Lab Code: SKINER Case No.: N2-10-241SAS No.: SDG No.: B07K89

Matrix (soil/water): WATER Lab Sample ID: 10533-03S

Level (low/med): LOW Date Received: 10/30/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	43.4	B		P
7440-36-0	Antimony	16.9	U		P
7440-38-2	Arsenic	2.9	U	W	F
7440-39-3	Barium	14.9	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	52900			P
7440-47-3	Chromium	23.8			P
7440-48-4	Cobalt	2.7	U		P
7440-50-8	Copper	3.5	U		P
7439-89-6	Iron	174			P
7439-92-1	Lead	2.7	B		F
7439-95-4	Magnesium	8160			P
7439-96-5	Manganese	4.7	U		P
7439-97-6	Mercury	0.12	B		CV
7440-02-0	Nickel	7.0	B		P
7440-09-7	Potassium	5560			P
7782-49-2	Selenium	19.0	U	MWN	F
7440-22-4	Silver	2.5	U		P
7440-23-5	Sodium	12400			P
7440-28-0	Thallium	3.8	U	W	F
7440-62-2	Vanadium	8.4	B		P
7440-66-6	Zinc	4.6	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

004

Not validated 9213504.1373

3-25-93 SC

WESTINGHOUSE/HANFORD

1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NUMBER: B07KJ6

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D0-0108

Lab Code: SKINER Case No.: N2-10-241SAS No.: SDG No.: B07K86

Matrix (soil/water): WATER Lab Sample ID: 10527-04S

Level (low/med): LOW Date Received: 10/30/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	58.4	B	N	P
7440-36-0	Antimony	16.9	U		P
7440-38-2	Arsenic	1.9	U		F
7440-39-3	Barium	8.9	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	49900			P
7440-47-3	Chromium	14.1		*	P
7440-48-4	Cobalt	2.7	U		P
7440-50-8	Copper	5.8	B		P
7439-89-6	Iron	41.1	B	*	P
7439-92-1	Lead	2.4	B		F
7439-95-4	Magnesium	9400			P
7439-96-5	Manganese	4.9	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.4	U		P
7440-09-7	Potassium	5850			P
7782-49-2	Selenium	14.5	U	W	F
7440-22-4	Silver	3.4	B		P
7440-23-5	Sodium	12600			P
7440-28-0	Thallium	1.3	U		F
7440-62-2	Vanadium	9.7	B		P
7440-66-6	Zinc	4.2	B		P
	Cyanide	10.0	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

005

Not Validated
3/25/93 SC

9413504.1374

WESTINGHOUSE/HANFORD

1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NUMBER: B07KJ9

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D0-0108

Lab Code: SKINER Case No.: N2-10-241SAS No.: SDG No.: B07K89

Matrix (soil/water): WATER Lab Sample ID: 10533-04S

Level (low/med): LOW Date Received: 10/30/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	126	B		P
7440-36-0	Antimony	16.9	U		P
7440-38-2	Arsenic	2.9	U		F
7440-39-3	Barium	11.9	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.1	B		P
7440-70-2	Calcium	47600			P
7440-47-3	Chromium	124			P
7440-48-4	Cobalt	2.7	U		P
7440-50-8	Copper	9.7	B		P
7439-89-6	Iron	676			P
7439-92-1	Lead	2.3	B	W	F
7439-95-4	Magnesium	8970			P
7439-96-5	Manganese	15.9			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	47.5			P
7440-09-7	Potassium	5510			P
7782-49-2	Selenium	19.0	U	N	F
7440-22-4	Silver	2.9	B		P
7440-23-5	Sodium	12100			P
7440-28-0	Thallium	3.8	U		F
7440-62-2	Vanadium	8.3	B		P
7440-66-6	Zinc	10.2	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

005

Not validated
3-25-93 JC

9713504.1375

000002

 Skinner&Sherman REPORT Work Order # S2-10-534

Received: 10/30/92 Results by Sample

SAMPLE ID B07KB6 SAMPLE # 01 FRACTIONS: A
Date & Time Collected 10/26/92 Category WATER

NO3NO2 3.22
mg N/L

SAMPLE ID B07KB6 SAMPLE # 02 FRACTIONS: A
Date & Time Collected 10/26/92 Category WATER

NO3NO2 1.06
mg N/L

SAMPLE ID B07KH6 SAMPLE # 03 FRACTIONS: A
Date & Time Collected 10/26/92 Category WATER

NO3NO2 3.21
mg N/L

SAMPLE ID B07KJ6 SAMPLE # 04 FRACTIONS: A
Date & Time Collected 10/26/92 Category WATER

NO3NO2 3.08
mg N/L

SAMPLE ID B07KJ6 DUPL SAMPLE # 04 FRACTIONS: B
Date & Time Collected 10/26/92 Category WATER

NO3NO2 3.06
mg N/L

SAMPLE ID B07KJ6 SPIKE SAMPLE # 04 FRACTIONS: C
Date & Time Collected 10/26/92 Category WATER

NO3NO2 4.43
mg N/L

SAMPLE ID LCSW SAMPLE # 05 FRACTIONS: A
Date & Time Collected not specified Category WATER

NO3NO2 1.96
mg N/L

TMA
02254-0521 (617) 890-72

TMA Inc. REPORT Work Order # A2-10-085

Received: 10/28/92

Results by Sample

SAMPLE ID B07K86 FRACTION 01E TEST CODE VCCLPL NAME Anions & Wet Chem. - VN043

Date & Time Collected 10/26/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Chloride	300.0	9.8	mg/L	0.2
Fluoride	300.0	0.4	mg/L	0.1
Phosphate	300.0	<0.4 U	mg/L	0.4
pH	150.1	7.9	pH	0.1
Sulfate	300.0	47	mg/L	1
Elect. Conductivity	120.1	346	umho/cm	6

FORM I

TMA Inc. REPORT Work Order # A2-10-085

Received: 10/28/92

Results by Sample

SAMPLE ID B07K86 FRACTION 01G TEST CODE WCCLPL NAME Anions & Wet Chem. - WM043

Date & Time Collected 10/26/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Ammonia Nitrogen	350.3	~~<~~0.05 U	mg/L	0.05
COD	410.0	~~<~~30 U	mg/L	30

FORM I

Not Validated
3/25/93 SC

TMA Inc. REPORT Work Order # A2-10-085

Received: 10/28/92

Results by Sample

SAMPLE ID B07K86 FRACTION Q1J TEST CODE WCCLPL NAME Anions & Wet Chem. - WN043

Date & Time Collected 10/26/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Alkalinity	310.1	107	mg/L	2
Tot. Dissolved Solids	160.1	255	mg/L	5

FORM I

NV 3/25/93 SC

TMA Inc. REPORT Work Order # A2-10-085

Received: 10/28/92 Results by Sample

SAMPLE ID B07KB6 FRACTION 02E TEST CODE WCCLPL NAME Anions & Wet Chem. - WN043

Date & Time Collected 10/26/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Chloride	300.0	5.1	mg/L	0.2
Fluoride	300.0	0.3	mg/L	0.1
Phosphate	300.0	~~<~~0.4 U	mg/L	0.4
pH	150.1	7.8	pH	0.1
Sulfate	300.0	28	mg/L	1
Elect. Conductivity	120.1	267	umho/cm	6

FORM I

NV 3/25/93 SC

9713504.1380

000017

TMA Inc. REPORT Work Order # A2-10-085

Received: 10/28/92 Results by Sample

SAMPLE ID B07K86 FRACTION 026 TEST CODE WCCLPL NAME Anions & Wet Chem. - VN043

Date & Time Collected 10/26/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Ammonia Nitrogen	350.3	<0.05 U	mg/L	0.05
COD	410.0	<30 U	mg/L	30

FORM I

NV 3/25/93 SC

9713504.1381

000018

TMA Inc. REPORT Work Order # A2-10-085

Received: 10/28/92

Results by Sample

SAMPLE ID B07KB6 FRACTION 021 TEST CODE WCCLPL NAME Anions & Wet Chem. - WN043

Date & Time Collected 10/26/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Sulfide	376.1	~~1~~ U	mg/L	1

FORM I

NV 3/25/93 SC

9713504.1382

000019

TMA Inc. REPORT Work Order # A2-10-085

Received: 10/28/92

Results by Sample

SAMPLE ID B07K86 FRACTION 02K TEST CODE WCCLPL NAME Anions & Wet Chem. - WN043

Date & Time Collected 10/26/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Alkalinity	310.1	102	mg/L	2
Tot. Dissolved Solids	160.1	216	mg/L	5

FORM I

NU 3/25/93 SC

TMA Inc. REPORT Work Order # A2-10-085

Received: 10/28/92

Results by Sample

SAMPLE ID B07KN6 FRACTION 03C TEST CODE WCCLPL NAME Anions & Wet Chem. - WN043

Date & Time Collected 10/26/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Chloride	300.0	10.0	mg/L	0.2
Fluoride	300.0	0.3	mg/L	0.1
Phosphate	300.0	<0.4 U	mg/L	0.4
pH	150.1	7.9	pH	0.1
Sulfate	300.0	48	mg/L	1
Elect. Conductivity	120.1	343	umho/cm	6

FORM I

3/25/93 SC

9713504.1384

000021

TMA Inc. REPORT Work Order # A2-10-085

Received: 10/28/92

Results by Sample

SAMPLE ID B07KM6 FRACTION 03D TEST CODE WCCLPL NAME Anions & Wet Chem. - WM043

Date & Time Collected 10/26/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Ammonia Nitrogen	350.3	0.05U	mg/L	0.05
COD	410.0	30U	mg/L	30

FORM I

3/25/93 SC

9713504.1385

000022

TMA Inc. REPORT Work Order # A2-10-085

Received: 10/28/92

Results by Sample

SAMPLE ID B07KM6 FRACTION 03E TEST CODE WCCLPL NAME Anions & Wet Chem. - WN043

Date & Time Collected 10/26/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Sulfide	376.1	<1 U	mg/L	1

FORM I

3/25/93 SC

TMA Inc. REPORT Work Order # A2-10-085

Received: 10/28/92

Results by Sample

SAMPLE ID B07KN6 FRACTION 03G TEST CODE WCCLPL NAME Anions & Wet Chem. - WN043

Date & Time Collected 10/26/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Alkalinity	310.1	108	mg/L	2
Tot. Dissolved Solids	160.1	266	mg/L	5

FORM I

3/25/93 SC

TMA Inc. REPORT Work Order # A2-10-085

Received: 10/28/92 Results by Sample

SAMPLE ID B07KJ6 FRACTION 04C TEST CODE WCCLPL NAME Anions & Wet Chem. - WN043

Date & Time Collected 10/26/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Chloride	300.0	9.9	mg/L	0.2
Fluoride	300.0	0.4	mg/L	0.1
Phosphate	300.0	~~0.4~~ U	mg/L	0.4
pH	150.1	8.3	pH	0.1
Sulfate	300.0	48	mg/L	1
Elect. Conductivity	120.1	337	umho/cm	6

FORM I

3/25/93 SC

TMA Inc. REPORT Work Order # A2-10-085

Received: 10/28/92

Results by Sample

SAMPLE ID B07KJ6 FRACTION 04D TEST CODE WCCLPL NAME Anions & Wet Chem. - WN043

Date & Time Collected 10/26/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Ammonia Nitrogen	350.3	<0.05 U	mg/L	0.05
COD	410.0	<30 U	mg/L	30

FORM I

3/25/93 SC

TMA Inc. REPORT Work Order # A2-10-085

Received: 10/28/92

Results by Sample

SAMPLE ID B07KJ6 FRACTION 04E TEST CODE WCCLPL NAME Anions & Wet Chem. - WN043

Date & Time Collected 10/26/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Sulfide	376.1	1 U	mg/L	1

FORM I

3/25/93 SC

9713504.1390

000027

TMA Inc. REPORT Work Order # A2-10-085

Received: 10/28/92

Results by Sample

SAMPLE ID B07KJ6 FRACTION 04F TEST CODE WCCLPL NAME Anions & Wet Chem. - WM043

Date & Time Collected 10/26/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Alkalinity	310.1	106	mg/L	2
Tot. Dissolved Solids	160.1	260	mg/L	5

FORM I

3/25/93 SC