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 15 OF 17

9713504.1398

000066

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

15

EPA SAMPLE NO.

B07KD6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-01A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B04

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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	105	~~BJ~~ 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	1	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

10-23-93 SC

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B07KD6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-01A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B04

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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

10-23-93 SC

9713504.1400

000077

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KF0

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-02A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B05

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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

10-23-93 SC

9213504.1401

000078

EPA SAMPLE NO.

B07KF0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-02A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B05

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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

10-23-93 SC

9713504.1402

000084

EPA SAMPLE NO.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

B07KG6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-03A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B06

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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~~ 4	~~BJ~~ 4
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

10-23-93 SC

9213504.1403

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

000085
EPA SAMPLE NO.

B07KG6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-03A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B06

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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

10-23-93SC

9713504.1404

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 000095

B07KH0

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-04A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B07

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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 ~~6~~	~~B~~ 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

10-23-93 SC

9713504.1405

000096

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B07KH0

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-04A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B07

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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

10-23-93 SC

9713504.1406

000104

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KJ1

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-05A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B08

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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 ~~4~~	~~B~~ 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	3	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

10-23-93 SC

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B07KJ1

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-05A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B08

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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

10-23-93 SC

9713504.1408

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 000115

B07KJ5

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-06A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B09

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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

10-23-93 SC

9713504.1409

000116
EPA SAMPLE NO.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B07KJ5

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-06A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B09

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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

10-23-93 SC

9713504.1410

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

000122
EPA SAMPLE NO.

B07KM3

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-07A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B12

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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 ~~4~~	~~B~~ 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	1	J
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

B-23-93 SG

9713504.1411

000123

EPA SAMPLE NO.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B07KM3

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-07A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B12

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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

3-23-938

9713504.1412 2075

000019

EPA SAMPLE NO.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

B07KM7

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-08A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B13

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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	~~B~~ 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

3-23-93SC

9713504.1413

000020

EPA SAMPLE NO.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B07KM7

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-08A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 21027B13

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: not dec. ____ Date Analyzed: 10/27/92

GC Column: CAP ID: 0.530 (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

3-23-93 SC

9213504.1414

000021

EPA SAMPLE NO.

B07KD6

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21029S04

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 10/27/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/29/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		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

3-23-93 SC

9213504.1415

000022

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KD6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21029S04

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: ____ decanted: (Y/N) ___ Date Extracted: 10/27/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/29/92

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 J
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

3-23-93 SC

9213504.1416

000023

EPA SAMPLE NO.

B07KD6

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21029S04

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 10/27/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/29/92

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

323-93 SC

9713504.1417

000024

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KG6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21029S07

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 10/27/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/29/92

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

3-23-93 SC

9713504.1418

000025

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KG6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21029S07

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: ____ decanted: (Y/N) ___ Date Extracted: 10/27/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/29/92

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 J
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

3-23-93 SC

9713504.1419

000026

EPA SAMPLE NO.

B07KG6

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21029S07

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 10/27/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/29/92

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

3-23-93 SC

9713504.1420

000027

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KJ1

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-05B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21029S08

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: ____ decanted: (Y/N) ___ Date Extracted: 10/27/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/29/92

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

3-23-93 SC

9713504.1421

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

000028

EPA SAMPLE NO.

B07KJ1

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-05B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21029S08

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 10/27/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/29/92

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 ~~3~~	~~B~~ 4
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

3-23-93 SC

9713504.1422

000029

EPA SAMPLE NO.

B07KJ1

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-05B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21029S08

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 10/27/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/29/92

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

3-23-93SC

9213504.1423

000030

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KM3

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21029S09

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 10/27/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/29/92

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

3-23-93SC

9713504.1424

000031

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KM3

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21029S09

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 10/27/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/29/92

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

3-23-93

9713504.1425

000032

EPA SAMPLE NO.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B07KM3

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 21029S09

Level: (low/med) LOW Date Received: 10/23/92

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 10/27/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/29/92

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

3-23-93 SC

9213504.1426

000033

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KD6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-01B

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

% Moisture: _____ decanted: (Y/N) ___ Date Received: 10/23/92

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 10/27/92

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/05/92

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

3-23-93 SC

9713504.1427

000034

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

B07KG6

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-03B

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

% Moisture: _____ decanted: (Y/N) ___ Date Received: 10/23/92

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 10/27/92

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/05/92

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

3-23-93 SC

9213504.1428

000035

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KJ1

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-05B

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

% Moisture: _____ decanted: (Y/N) ___ Date Received: 10/23/92

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 10/27/92

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/05/92

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

3-23-93 SC

9713504.1429

000036

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B07KM3

Lab Name: TMA/ARLI Contract: WHC

Lab Code: TMALA Case No.: 10066 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: A210066-07B

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

% Moisture: _____ decanted: (Y/N) ___ Date Received: 10/23/92

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 10/27/92

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/05/92

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

3-23-93 SC

9713504.1430

WESTINGHOUSE/HANFORD

1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NUMBER: B07K66

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

Lab Code: SKINER Case No.: N2-10-193SAS No.: SDG No.: B07K66

Matrix (soil/water): WATER Lab Sample ID: 10437-07S

Level (low/med): LOW Date Received: 10/23/92

% Solids: 0.0

3/23/93

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	69.2	Ø	U	P	Lab Blank
7440-36-0	Antimony	14.8	U		P	
7440-38-2	Arsenic	2.9	U		F	
7440-39-3	Barium	33.2	B		P	
7440-41-7	Beryllium	0.30	U		P	Lab Blank
7440-43-9	Cadmium	1.6	Ø	U	P	Lab Blank
7440-70-2	Calcium	51100			P	
7440-47-3	Chromium	11.0			P	
7440-48-4	Cobalt	3.3	Ø	U	P	Lab Blank
7440-50-8	Copper	1.9	U		P	Lab Blank
7439-89-6	Iron	3600			P	
7439-92-1	Lead	2.0	U		F	Lab Blank
7439-95-4	Magnesium	8480			P	
7439-96-5	Manganese	23.2			P	
7439-97-6	Mercury	0.10	U		CV	
7440-02-0	Nickel	3.3	B		P	
7440-09-7	Potassium	2040	B		P	
7782-49-2	Selenium	3.8	U		F	
7440-22-4	Silver	3.6	U		P	
7440-23-5	Sodium	11300			P	
7440-28-0	Thallium	1.3	U		F	
7440-62-2	Vanadium	3.4	Ø	U	P	Lab Blank
7440-66-6	Zinc	12.9	Ø	U	P	Lab Blank
	Cyanide	10.0	U		CA	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

002

9713504.1431

WESTINGHOUSE/HANFORD
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NUMBER: B07K71

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

Lab Code: SKINER Case No.: N2-10-193$AS No.: SDG No.: B07K66

Matrix (soil/water): WATER Lab Sample ID: 10437-08S

Level (low/med): LOW Date Received: 10/23/92

% Solids: 0.0

3/23/93 fi

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	45.7	~~B~~ U		P-	Lab Blank
7440-36-0	Antimony	14.8	U		P	
7440-38-2	Arsenic	2.9	U	~~U~~ J	F-	GFAA QC
7440-39-3	Barium	30.8	B		P	
7440-41-7	Beryllium	0.30	U		P-	Lab Blank
7440-43-9	Cadmium	1.5	U		P-	Lab Blank
7440-70-2	Calcium	51900			P	
7440-47-3	Chromium	10.5			P	
7440-48-4	Cobalt	2.4	~~B~~ U		P-	Lab Blank
7440-50-8	Copper	1.9	U		P-	Lab Blank
7439-89-6	Iron	220			P	
7439-92-1	Lead	3.1	U		F-	Lab Blank
7439-95-4	Magnesium	6860			P	
7439-96-5	Manganese	4.2	B		P	
7439-97-6	Mercury	0.10	U		CV	
7440-02-0	Nickel	2.6	U		P	
7440-09-7	Potassium	4140	B		P	
7782-49-2	Selenium	19.0	U		F	
7440-22-4	Silver	3.6	U		P	
7440-23-5	Sodium	11200			P	
7440-28-0	Thallium	1.3	U		F	
7440-62-2	Vanadium	5.8	~~B~~ U		P-	Lab Blank
7440-66-6	Zinc	5.7	U		P-	Lab Blank
	Cyanide	10.0	U		CA	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

003

9713504.1432

WESTINGHOUSE/HANFORD

1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NUMBER: B07K91

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

Lab Code: SKINER Case No.: N2-10-193$AS No.: SDG No.: B07K66

Matrix (soil/water): WATER Lab Sample ID: 10437-09S

Level (low/med): LOW Date Received: 10/23/92

% Solids: 0.0

3/23/93 fm

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	25.7	~~B~~	U	P	Lab Blank
7440-36-0	Antimony	14.8	U		P	
7440-38-2	Arsenic	3.6	B	~~W~~ J	F	GFAA QC
7440-39-3	Barium	10.5	B		P	
7440-41-7	Beryllium	0.40	~~B~~	U	P	Lab Blank
7440-43-9	Cadmium	1.5	U		P	Lab Blank
7440-70-2	Calcium	45300			P	
7440-47-3	Chromium	17.0			P	
7440-48-4	Cobalt	1.3	U		P	Lab Blank
7440-50-8	Copper	1.9	U		P	Lab Blank
7439-89-6	Iron	64.5	~~B~~	U	P	Lab Blank
7439-92-1	Lead	2.7	~~B~~	U	F	Lab Blank
7439-95-4	Magnesium	10000			P	
7439-96-5	Manganese	0.90	U		P	
7439-97-6	Mercury	0.10	U		CV	
7440-02-0	Nickel	3.3	B		P	
7440-09-7	Potassium	6620			P	
7782-49-2	Selenium	19.0	U	~~W~~ J	F	GFAA QC
7440-22-4	Silver	3.6	U		P	
7440-23-5	Sodium	12900			P	
7440-28-0	Thallium	1.3	U		F	
7440-62-2	Vanadium	15.2	~~B~~	U	P	Lab Blank
7440-66-6	Zinc	10.9	~~B~~	U	P	Lab Blank
	Cyanide	10.0	U		CA	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

004

9213504.1433

WESTINGHOUSE/HANFORD
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NUMBER: B07KD6

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

Lab Code: SKINER Case No.: N2-10-193SAS No.: SDG No.: B07K66

Matrix (soil/water): WATER Lab Sample ID: 10437-01S

Level (low/med): LOW Date Received: 10/24/92

% Solids: 0.0

3/23/93 JN

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	19.6	~~B~~	U	P	Lab Blank
7440-36-0	Antimony	14.8	U		P	
7440-38-2	Arsenic	4.7	B		F	
7440-39-3	Barium	8.2	B		P	
7440-41-7	Beryllium	0.68	~~B~~	U	P	Lab Blank
7440-43-9	Cadmium	1.5	U		P	Lab Blank
7440-70-2	Calcium	33200			P	
7440-47-3	Chromium	23.1			P	
7440-48-4	Cobalt	1.4	~~B~~	U	P	Lab Blank
7440-50-8	Copper	3.3	~~B~~	U	P	Lab Blank
7439-89-6	Iron	74.6	B		P	
7439-92-1	Lead	2.3	~~B~~	U	F	Lab Blank
7439-95-4	Magnesium	10200			P	
7439-96-5	Manganese	3.2	B		P	
7439-97-6	Mercury	0.10	U		CV	
7440-02-0	Nickel	2.6	U		P	
7440-09-7	Potassium	6930			P	
7782-49-2	Selenium	3.8	U	~~U~~ J	F	GFAA QC
7440-22-4	Silver	3.6	U		P	
7440-23-5	Sodium	15200			P	
7440-28-0	Thallium	1.3	U		F	
7440-62-2	Vanadium	28.8	B		P	
7440-66-6	Zinc	7.7	~~B~~	U	P	Lab Blank
	Cyanide	10.0	U		CA	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

005

9213504.1434

WESTINGHOUSE/HANFORD
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NUMBER: B07KF1

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

Lab Code: SKINER Case No.: N2-10-193SAS No.: SDG No.: B07K66

Matrix (soil/water): WATER Lab Sample ID: 10437-05S

Level (low/med): LOW Date Received: 10/23/92

% Solids: 0.0

3/23/93 JW

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	22.1	~~B~~ U		P-	Lab Blank
7440-36-0	Antimony	14.8	U		P	
7440-38-2	Arsenic	4.8	B		F	
7440-39-3	Barium	11.4	B		P	
7440-41-7	Beryllium	0.30	U		P-	Lab Blank
7440-43-9	Cadmium	1.5	U		P-	Lab Blank
7440-70-2	Calcium	37100			P	
7440-47-3	Chromium	2.6	U		P	
7440-48-4	Cobalt	1.3	U		P-	Lab Blank
7440-50-8	Copper	1.9	U		P	
7439-89-6	Iron	17.6	~~B~~ U		P-	Lab Blank
7439-92-1	Lead	2.8	~~B~~ U		F-	Lab Blank
7439-95-4	Magnesium	11000			P	
7439-96-5	Manganese	0.90	U		P	
7439-97-6	Mercury	0.10	U		CV	
7440-02-0	Nickel	2.6	U		P	
7440-09-7	Potassium	5910			P	
7782-49-2	Selenium	3.8	U	~~W~~ J	F-	GFAA QC
7440-22-4	Silver	3.6	U		P	
7440-23-5	Sodium	21500			P	
7440-28-0	Thallium	1.3	U		F	
7440-62-2	Vanadium	17.2	~~B~~ U		P-	Lab Blank
7440-66-6	Zinc	47.0			P	
	Cyanide	10.0	U		CA	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

006

9713504.1435

WESTINGHOUSE/HANFORD
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NUMBER: B07KG1

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

Lab Code: SKINER Case No.: N2-10-193SAS No.: SDG No.: B07K66

Matrix (soil/water): WATER Lab Sample ID: 10437-06S

Level (low/med): LOW Date Received: 10/23/92

% Solids: 0.0

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

3/23/93 (JR)

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	32.2	~~B~~ U		P	Lab Blank
7440-36-0	Antimony	14.8	U		P	
7440-38-2	Arsenic	3.3	B	~~W~~ J	F	GFAA QC
7440-39-3	Barium	19.6	B		P	
7440-41-7	Beryllium	0.30	U		P	Lab Blank
7440-43-9	Cadmium	1.5	U		P	Lab Blank
7440-70-2	Calcium	34100			P	
7440-47-3	Chromium	2.6	U		P	
7440-48-4	Cobalt	1.3	U		P	Lab Blank
7440-50-8	Copper	1.9	U		P	
7439-89-6	Iron	407			P	
7439-92-1	Lead	2.0	U		F	Lab Blank
7439-95-4	Magnesium	9100			P	
7439-96-5	Manganese	2.7	B		P	
7439-97-6	Mercury	0.10	U		CV	
7440-02-0	Nickel	2.6	U		P	
7440-09-7	Potassium	5310			P	
7782-49-2	Selenium	19.0	U		F	
7440-22-4	Silver	3.6	U		P	
7440-23-5	Sodium	14100			P	
7440-28-0	Thallium	1.3	U		F	
7440-62-2	Vanadium	15.2	~~B~~ U		P	Lab Blank
7440-66-6	Zinc	5.7	U		P	Lab Blank
	Cyanide	10.0	U		CA	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

007

9713504.1436

WESTINGHOUSE/HANFORD

1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NUMBER: B07KG6

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

Lab Code: SKINER Case No.: N2-10-193SAS No.: SDG No.: B07K66

Matrix (soil/water): WATER Lab Sample ID: 10437-02S

Level (low/med): LOW Date Received: 10/24/92

% Solids: 0.0

3/23/93 JMD

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	27.8	~~B~~	U	P-	Lab Blank
7440-36-0	Antimony	14.8	U		P	
7440-38-2	Arsenic	2.9	B		F	
7440-39-3	Barium	43.7	B		P	
7440-41-7	Beryllium	0.53	~~B~~	U	P-	Lab Blank
7440-43-9	Cadmium	1.5	U		P-	Lab Blank
7440-70-2	Calcium	40000			P	
7440-47-3	Chromium	2.6	U		P	
7440-48-4	Cobalt	1.9	~~B~~	U	P-	Lab Blank
7440-50-8	Copper	1.9	U		P	
7439-89-6	Iron	51.6	~~B~~	U	P-	Lab Blank
7439-92-1	Lead	2.8	~~B~~	U	F-	Lab Blank
7439-95-4	Magnesium	10300			P	
7439-96-5	Manganese	1.7	B		P	
7439-97-6	Mercury	0.10	U		CV	
7440-02-0	Nickel	2.6	U		P	
7440-09-7	Potassium	5360			P	
7782-49-2	Selenium	3.8	U	~~N~~ J	F-	GFAA QC
7440-22-4	Silver	3.6	U		P	
7440-23-5	Sodium	17000			P	
7440-28-0	Thallium	1.3	U		F	
7440-62-2	Vanadium	18.4	~~B~~	U	P-	Lab Blank
7440-66-6	Zinc	5.7	U		P-	Lab Blank
	Cyanide	10.0	U		CA	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

008

WESTINGHOUSE/HANFORD
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NUMBER: B07KJ1

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

Lab Code: SKINER Case No.: N2-10-193SAS No.: SDG No.: B07K66

Matrix (soil/water): WATER Lab Sample ID: 10437-03S

Level (low/med): LOW Date Received: 10/24/92

% Solids: 0.0

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

3/23/93 jm

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	29.5	~~B~~ U		P-	Lab Blank
7440-36-0	Antimony	14.8	U		P	
7440-38-2	Arsenic	3.2	B	~~W~~ J	F-	GFAA QC
7440-39-3	Barium	22.9	B		P	
7440-41-7	Beryllium	0.39	~~B~~ U		P-	Lab Blank
7440-43-9	Cadmium	1.5	U		P-	Lab Blank
7440-70-2	Calcium	52500			P	
7440-47-3	Chromium	9.6	B		P	
7440-48-4	Cobalt	1.9	~~B~~ U		P-	Lab Blank
7440-50-8	Copper	1.9	U		P	
7439-89-6	Iron	19.7	~~B~~ U		P-	Lab Blank
7439-92-1	Lead	3.0	~~B~~ U		F-	Lab Blank
7439-95-4	Magnesium	8160			P	
7439-96-5	Manganese	0.90	U		P	
7439-97-6	Mercury	0.10	U		CV	
7440-02-0	Nickel	2.6	U		P	
7440-09-7	Potassium	4930	B		P	
7782-49-2	Selenium	3.8	U	~~W~~ J	F-	GFAA-QC
7440-22-4	Silver	3.6	U		P	
7440-23-5	Sodium	11800			P	
7440-28-0	Thallium	1.3	U		F	
7440-62-2	Vanadium	8.6	~~B~~ U		P-	Lab Blank
7440-66-6	Zinc	5.7	U		P-	Lab Blank
	Cyanide	10.0	U		CA	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

9213504.1438

WESTINGHOUSE/HANFORD
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NUMBER: B07KM3

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

Lab Code: SKINER Case No.: N2-10-193SAS No.: SDG No.: B07K66

Matrix (soil/water): WATER Lab Sample ID: 10437-04S

Level (low/med): LOW Date Received: 10/24/92

% Solids: 0.0

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

3/23/93 PW

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	22.2	~~B~~	U	P	Lab Blank
7440-36-0	Antimony	14.8	U		P	
7440-38-2	Arsenic	2.9	U	~~W~~J	F	GFAA QC
7440-39-3	Barium	23.4	B		P	
7440-41-7	Beryllium	0.30	U		P	Lab Blank
7440-43-9	Cadmium	1.5	U		P	Lab Blank
7440-70-2	Calcium	52100			P	
7440-47-3	Chromium	7.4	B		P	
7440-48-4	Cobalt	3.3	~~B~~	U	P	Lab Blank
7440-50-8	Copper	1.9	U		P	
7439-89-6	Iron	13.6	~~B~~	U	P	Lab Blank
7439-92-1	Lead	2.2	~~B~~	U	F	Lab Blank
7439-95-4	Magnesium	8090			P	
7439-96-5	Manganese	1.9	B		P	
7439-97-6	Mercury	0.10	U		CV	
7440-02-0	Nickel	2.6	U		P	
7440-09-7	Potassium	4880	B		P	
7782-49-2	Selenium	3.8	U	~~W~~J	F	GFAA QC
7440-22-4	Silver	3.6	U		P	
7440-23-5	Sodium	11700			P	
7440-28-0	Thallium	1.3	U		F	
7440-62-2	Vanadium	7.8	~~B~~	U	P	Lab Blank
7440-66-6	Zinc	5.7	U		P	Lab Blank
	Cyanide	10.0	U		CA	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

010

TMA Inc. REPORT Work Order # A2-10-066

Received: 10/23/92

Results by Sample

SAMPLE ID B07KD6 FRACTION 01E TEST CODE WCCLPL NAME Anions & Wet Chem. - WN043

Date & Time Collected 10/21/92 Category

3/23/93 fm

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Chloride	300.0	6.5 ✓	mg/L	0.2
Fluoride	300.0	0.4 ✓	mg/L	0.1
Phosphate	300.0	<0.4 ✓	mg/L	0.4
pH	150.1	8.1 ✓	pH	0.1
Sulfate	300.0	35 ✓	mg/L	1
Elect. Conductivity	120.1	290 ✓	umho/cm	6

VR(J) - Holding Time (Matrix Spike)

R - Holding Time

FORM I

TMA Inc. REPORT Work Order # A2-10-066

Received: 10/23/92

Results by Sample

SAMPLE ID B07KD6 FRACTION 01G TEST CODE VCCLPL NAME Anions & Wet Chem. - VN043

Date & Time Collected 10/21/92 Category

3/23/93 JMD

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT	
Alkalinity	310.1	114	mg/L	2	J - Holding Time
Tot. Dissolved Solids	160.1	233	mg/L	5	J - Holding Time

FORM I

TMA Inc. REPORT Work Order # A2-10-066

Received: 10/23/92

Results by Sample

SAMPLE ID B07KD6 FRACTION 01K TEST CODE VCCLPL NAME Anions & Wet Chem. - VN043

Date & Time Collected 10/21/92 Category

3/23/93 JK

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT	
Ammonia Nitrogen	350.3	~~<~~0.05	mg/L	0.05	UJ - Holding Time
COD	410.0	~~<~~30	mg/L	30	UJ - Holding Time

FORM I

TMA Inc. REPORT Work Order # A2-10-066

Received: 10/23/92

Results by Sample

SAMPLE ID B07KG6 FRACTION 03E TEST CODE VCCLPL NAME Anions & Wet Chem. - VN043

Date & Time Collected 10/21/92 Category

3/23/93 JMO

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT	
Chloride	300.0	5.9 ✓	mg/L	0.2	
Fluoride	300.0	0.4 ✓	mg/L	0.1	
Phosphate	300.0	<0.4 ✓	mg/L	0.4	UR(J) - Holding Time (matrix Spike)
pH	150.1	8.0 ✓	pH	0.1	- R - Holding Time
Sulfate	300.0	36 ✓	mg/L	1	
Elect. Conductivity	120.1	319 ✓	umho/cm	6	

FORM I

TMA Inc. REPORT Work Order # A2-10-066

Received: 10/23/92

Results by Sample

SAMPLE ID B07KG6 FRACTION 03G TEST CODE WCCLPL NAME Anions & Wet Chem. - WH043

Date & Time Collected 10/21/92 Category

B/23/93 JR

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT	
Alkalinity	310.1	119 ✓	mg/L	2	J - Holding Time
Tot. Dissolved Solids	160.1	251 ✓	mg/L	5	J - Holding Time

FORM I

TMA Inc. REPORT Work Order # A2-10-066

Received: 10/23/92

Results by Sample

SAMPLE ID B07KG6 FRACTION 03N TEST CODE WCCLPL NAME Anions & Wet Chem. - WN043

Date & Time Collected 10/21/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

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

FORM I

TMA Inc. REPORT Work Order # A2-10-066

Received: 10/23/92

Results by Sample

SAMPLE ID B07KG6 FRACTION 03J TEST CODE WCCLPL NAME Anions & Wet Chem. - WN043

Date & Time Collected 10/21/92 Category

3/23/93 gm

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT	
Ammonia Nitrogen	350.3	0.05	mg/L	0.05	UJ - Holding Time
COD	410.0	30	mg/L	30	UJ - Holding Time

FORM I

TMA Inc. REPORT Work Order # A2-10-066

Received: 10/23/92 Results by Sample

SAMPLE ID B07KJ1 FRACTION 05C TEST CODE WCCLPL NAME Anions & Wet Chem. - WN043

Date & Time Collected 10/21/92 Category

3/23/93 BD

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT	
Chloride	300.0	9.8	mg/L	0.2	
Fluoride	300.0	0.3	mg/L	0.1	
Phosphate	300.0	<0.4	mg/L	0.4	UR(J) Holding Time (Matrix Spike)
pH	150.1	8.0	pH	0.1	- R Holding Time
Sulfate	300.0	49	mg/L	1	
Elect. Conductivity	120.1	336	umho/cm	6	

FORM I

TMA Inc. REPORT Work Order # A2-10-066

Received: 10/23/92

Results by Sample

SAMPLE ID 807KJ1 FRACTION 05D TEST CODE WCCLPL NAME Anions & Wet Chem. - WM043

Date & Time Collected 10/21/92 Category

3/23/93 [illegible]

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT	
Alkalinity	310.1	109	mg/L	2	-J Holding Time
Tot. Dissolved Solids	160.1	278	mg/L	5	-J Holding Time

FORM I

TMA Inc. REPORT Work Order # A2-10-066

Received: 10/23/92

Results by Sample

SAMPLE ID B07KJ1 FRACTION 05E TEST CODE VCCLPL NAME Anions & Wet Chem. - VM043

Date & Time Collected 10/21/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Sulfide	376.1	f1 ✓	mg/L	1

FORM I

TMA Inc. REPORT Work Order # A2-10-066

Received: 10/23/92 Results by Sample

SAMPLE ID B07KJ1 FRACTION 05F TEST CODE WCCLPL NAME Anions & Wet Chem. - WN043

Date & Time Collected 10/21/92 Category

3/23/93 JM

ANIONS AND WET CHEMISTRY - LIQUIDS

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

FORM I

TMA Inc. REPORT Work Order # A2-10-066

Received: 10/23/92 Results by Sample

SAMPLE ID B07KM3 FRACTION 07C TEST CODE WCCLPL NAME Anions & Wet Chem. - WM043

Date & Time Collected 10/21/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT
Chloride	300.0	10.4	mg/L	0.2
Fluoride	300.0	0.3	mg/L	0.1
Phosphate	300.0	<0.4	mg/L	0.4
pH	150.1	8.0	pH	0.1
Sulfate	300.0	49	mg/L	1
Elect. Conductivity	120.1	336	umho/cm	6

UR(J) Holding Time (matrix Spike)

-R Holding Time

FORM I

9713504.1451

TMA Inc. REPORT Work Order # AZ-10-065 003022

Received: 10/23/92

Results by Sample

SAMPLE ID B07KM3 FRACTION 07D TEST CODE WCCLPL NAME Anions & Wet Chem. - WM043

Date & Time Collected 10/21/92 Category

3/23/93

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT	
Alkalinity	310.1	109	mg/L	2	J - Holding Time
Tot. Dissolved Solids	160.1	276	mg/L	5	J - Holding Time

FORM I

9713504.1452

000023

TMA Inc. REPORT

Results by Sample

Received: 10/23/92

Work Order # A2-10-066

SAMPLE ID B07KM3 FRACTION 07E TEST CODE WCCLPL NAME Anions & Wet Chem. - WM043

Date & Time Collected 10/21/92 Category

ANIONS AND WET CHEMISTRY - LIQUIDS

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

FORM I

TMA Inc. REPORT Work Order # A2-10-066

Received: 10/23/92

Results by Sample

SAMPLE ID B07KM3 FRACTION 07F TEST CODE WCCLPL NAME Anions & Wet Chem. - VN043

Date & Time Collected 10/21/92 Category

3/23/93 gw

ANIONS AND WET CHEMISTRY - LIQUIDS

ANALYSIS	METHOD	RESULT	UNITS	LIMIT	
Ammonia Nitrogen	350.3	~~<~~0.05 ✓	mg/L	0.05	UJ Holding Time
COD	410.0	~~<~~30 ✓	mg/L	30	UJ Holding Time

FORM I