

Appendix O
TCLP Summary

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

VOLATILE ORGANICS TARGET ANALYTES

EPA Method 8240

Client: Baker Environmental

Client Sample ID: 6-GS1960A-01

Date Sampled: 9/29/92

Laboratory ID: 920556-01

Date TCLP Performed: 10/06/92

Concentration in: ug/L (ppb)

Date Leachate Analyzed: 10/07/92

Target Analyte	Sample Concentration	Method Reporting Limit
Benzene	ND	5
Carbon tetrachloride	10	5
Chlorobenzene	ND	5
Chloroform	200	5
1,2-Dichloroethane	ND	5
1,1-Dichloroethylene	ND	5
Methylethylketone	ND	10
Tetrachloroethylene	ND	5
Trichloroethylene	ND	5
Vinyl chloride	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANIC ANALYSIS

EPA METHOD 8270

Client: Baker Environmental

Date Sampled: 9/29/92

Client Sample ID: 6-GS1960A-01

Date TCLP Performed: 10/09/92

Laboratory ID: 920556-01

Date Leachate Extracted: 10/14/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 11/11/92

Target Analyte	Sample Concentration	Method Reporting Limit
Pyridine	ND	33
2,4-Dinitrotoluene	ND	33
Hexachlorobenzene	ND	33
Hexachloro-1,3-butadiene	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
1,4-Dichlorobenzene	ND	33
Methylphenols (total)	ND	33
Pentachlorophenol	ND	83
2,4,5-Trichlorophenol	ND	83
2,4,6-Trichlorophenol	ND	33

ND = Not detected

Reported by: _____

Approved by: _____

PESTICIDE ORGANIC ANALYSIS

6681960001

Name: GEIMIC CORP

Contract: BAKER

Lab Order: GEIMIC

Case No.: 19133

SAS No.:

SDS No.: 668196

Matrix: (soil/water) WATER

Lab Sample ID: 920556-01

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received: 10/01/92

Extraction: (SepF/Cont/Sort) SEPF

Date Extracted: 10/09/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 10/22/92

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
-----	gamma-BHC (Lindane)	0.171U	
-----	Heptachlor	0.171U	
1024-57-3	Heptachlor epoxide	0.171U	
-----	Endrin	0.331U	
72-43-5	Methoxychlor	1.71U	
5103-71-9	alpha-Chlordane	0.171U	
5103-74-2	gamma-Chlordane	0.171U	
8001-35-2	Toxaphene	17.1U	

TCLP METALS

1

INORGANIC ANALYSIS DATA SHEET

SAMPLE ID

60A1

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 6

SDG No.: 60A1

Matrix (soil/water): WATER

Lab Sample ID: 01556-01S

Level (low/med): LOW

Date Received: 10/01/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	40.0	U		P
7440-39-2	Barium	161	B		P
7440-43-9	Cadmium	1.9	U		P
7440-47-3	Chromium	3.6	U		P
7439-92-1	Lead	37.7	B		P
7439-97-6	Mercury	0.27	B	N	A
7782-49-2	Selenium	50.0	U		P
7440-22-4	Silver	2.0	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-GS1960A-01

Laboratory ID: 920556-01

Date Sample Received: 10/01/92

Date Sample Prepared: 10/09/92

Date Sample Analyzed: 10/21/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: KS

Approved by: Henry L. Smith

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-GS1960A-01

Laboratory ID: 920556-01

Date Sample Received: 10/01/92

Date Sampled: 9/29/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/18/92
pH	4.82	S.U	---	10/05/92
Reactive Sulfide ⁺	ND	mg/kg (ppm)	2	10/07/92
Reactive Cyanide ⁺	ND	mg/kg (ppm)	0.5	10/12/92

NC = No combustion

ND = Not detected

+ Reported on an "as is" basis

Reported by: *Annunzio* Approved by: *Catherine Marsh*

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

VOLATILE ORGANICS TARGET ANALYTES

EPA Method 8240

Client: Baker Environmental

Client Sample ID: 6-GS1960A-02

Date Sampled: 9/29/92

Laboratory ID: 920556-02

Date TCLP Performed: 10/06/92

Concentration in: ug/L (ppb)

Date Leachate Analyzed: 10/10/92

Target Analyte	Sample Concentration	Method Reporting Limit
Benzene	ND	5
Carbon tetrachloride	ND	5
Chlorobenzene	ND	5
Chloroform	18	5
1,2-Dichloroethane	ND	5
1,1-Dichloroethylene	ND	5
Methylethylketone	ND	10
Tetrachloroethylene	ND	5
Trichloroethylene	ND	5
Vinyl chloride	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANIC ANALYSIS

EPA METHOD 8270

Client: Baker Environmental

Date Sampled: 9/29/92

Client Sample ID: 6-GS1960A-02

Date TCLP Performed: 10/09/92

Laboratory ID: 920556-02

Date Leachate Extracted: 10/14/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 10/31/92

Target Analyte	Sample Concentration	Method Reporting Limit
Pyridine	ND	33
2,4-Dinitrotoluene	ND	33
Hexachlorobenzene	ND	33
Hexachloro-1,3-butadiene	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
1,4-Dichlorobenzene	ND	33
Methylphenols (total)	ND	33
Pentachlorophenol	ND	83
2,4,5-Trichlorophenol	ND	83
2,4,6-Trichlorophenol	ND	33

ND = Not detected

Reported by: _____

Approved by: _____

PESTICIDE ORGANIC ANALYSIS

6681960002

Name: CEIMIC CORP

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.:

SDG No.: 668196

Matrix: (soil/water) WATER

Lab Sample ID: 920556-02

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received: 10/01/92

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 10/09/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 10/22/92

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
	-----gamma-BHC (Lindane)_____	0.171U	
	-----Heptachlor_____	0.171U	
1024-57-3	-----Heptachlor epoxide_____	0.171U	
	-----Endrin_____	0.331U	
72-43-5	-----Methoxychlor_____	1.71U	
5103-71-9	-----alpha-Chlordane_____	0.171U	
5103-74-2	-----gamma-Chlordane_____	0.171U	
8001-35-2	-----Toxaphene_____	17 IU	

TCLP METALS
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE ID

60A2

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 6

SDG No.: 60A1

Matrix (soil/water): WATER

Lab Sample ID: 01556-02S

Level (low/med): LOW

Date Received: 10/01/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	40.0	U		P
7440-39-2	Barium	159	B		P
7440-43-9	Cadmium	1.9	U		P
7440-47-3	Chromium	3.6	U		P
7439-92-1	Lead	22.0	U		P
7439-97-6	Mercury	0.04	U	N	A
7782-49-2	Selenium	50.0	U		P
7440-22-4	Silver	2.0	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-GS1960A-02

Laboratory ID: 920556-02

Date Sample Received: 10/01/92

Date Sample Prepared: 10/09/92

Date Sample Analyzed: 10/21/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: AS

Approved by: [Signature]

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-GS1960A-02

Laboratory ID: 920556-02

Date Sample Received: 10/01/92

Date Sampled: 9/29/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/18/92
pH	4.57	S.U	---	10/05/92
Reactive Sulfide ⁺	ND	mg/kg (ppm)	2	10/07/92
Reactive Cyanide ⁺	ND	mg/kg (ppm)	0.5	10/12/92

NC = No combustion

ND = Not detected

+ Reported on an "as is" basis

Reported by: *Army Dale* Approved by: *Catherine Marsh*

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

VOLATILE ORGANICS TARGET ANALYTES

EPA Method 8240

Client: Baker Environmental

Client Sample ID: 6-GS1960B-01

Date Sampled: 9/29/92

Laboratory ID: 920556-03

Date TCLP Performed: 10/06/92

Concentration in: ug/L (ppb)

Date Leachate Analyzed: 10/07/92

Target Analyte	Sample Concentration	Method Reporting Limit
Benzene	ND	5
Carbon tetrachloride	ND	5
Chlorobenzene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1-Dichloroethylene	ND	5
Methylethylketone	ND	10
Tetrachloroethylene	ND	5
Trichloroethylene	ND	5
Vinyl chloride	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANIC ANALYSIS

EPA METHOD 8270

Client: Baker Environmental

Date Sampled: 9/29/92

Client Sample ID: 6-GS1960B-01

Date TCLP Performed: 10/09/92

Laboratory ID: 920556-03

Date Leachate Extracted: 10/14/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 10/31/92

Target Analyte	Sample Concentration	Method Reporting Limit
Pyridine	ND	10
2,4-Dinitrotoluene	ND	10
Hexachlorobenzene	ND	10
Hexachloro-1,3-butadiene	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Methylphenols (total)	ND	10
Pentachlorophenol	ND	25
2,4,5-Trichlorophenol	ND	25
2,4,6-Trichlorophenol	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

PESTICIDE ORGANICS ANALYSIS DATA SHEET

6GS1960B01

Name: CEIMIC CORP

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.:

SDG No.: 6GS196

Matrix: (soil/water) WATER

Lab Sample ID: 920556-03

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID:

Moisture: decanted: (Y/N)

Date Received: 10/01/92

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 10/09/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 10/23/92

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
	-----gamma-BHC (Lindane)_____	0.171U	
	-----Heptachlor_____	0.171U	
1024-57-3	-----Heptachlor epoxide_____	0.171U	
	-----Endrin_____	0.331U	
72-43-5	-----Methoxychlor_____	1.71U	
5103-71-9	-----alpha-Chlordane_____	0.171U	
5103-74-2	-----gamma-Chlordane_____	0.171U	
8001-35-2	-----Toxaphene_____	17 1U	

TCLP METALS
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE ID

60B1

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 6

SDG No.: 60A1

Matrix (soil/water): WATER

Lab Sample ID: 01556-03S

Level (low/med): LOW

Date Received: 10/01/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	40.0	U		P
7440-39-2	Barium	81.5	B		P
7440-43-9	Cadmium	2.7	B		P
7440-47-3	Chromium	3.7	B		P
7439-92-1	Lead	31.2	B		P
7439-97-6	Mercury	0.04	U	N	A
7782-49-2	Selenium	50.0	U		P
7440-22-4	Silver	2.0	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-GS1960B-01

Laboratory ID: 920556-03

Date Sample Received: 10/01/92

Date Sample Prepared: 10/09/92

Date Sample Analyzed: 10/21/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: AS

Approved by: [Signature]

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-GS1960B-01

Laboratory ID: 920556-03

Date Sample Received: 10/01/92

Date Sampled: 9/29/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/18/92
pH	4.39	S.U	---	10/05/92
Reactive Sulfide ⁺	ND	mg/kg (ppm)	2	10/07/92
Reactive Cyanide ⁺	ND	mg/kg (ppm)	0.5	10/12/92

NC = No combustion

ND = Not detected

+ Reported on an "as is" basis

Reported by: Army Cole Approved by: Catherine Moush

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

VOLATILE ORGANICS TARGET ANALYTES

EPA Method 8240

Client: Baker Environmental

Client Sample ID: 6-GS1960D-02

Date Sampled: 9/29/92

Laboratory ID: 920556-04

Date TCLP Performed: 10/06/92

Concentration in: ug/L (ppb)

Date Leachate Analyzed: 10/10/92

Target Analyte	Sample Concentration	Method Reporting Limit
Benzene	ND	5
Carbon tetrachloride	ND	5
Chlorobenzene	ND	5
Chloroform	8	5
1,2-Dichloroethane	ND	5
1,1-Dichloroethylene	ND	5
Methylethylketone	ND	10
Tetrachloroethylene	ND	5
Trichloroethylene	ND	5
Vinyl chloride	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANIC ANALYSIS

EPA METHOD 8270

Client: Baker Environmental

Date Sampled: 9/29/92

Client Sample ID: 6-GS1960D-02

Date TCLP Performed: 10/09/92

Laboratory ID: 920556-04

Date Leachate Extracted: 10/14/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 10/31/92

Target Analyte	Sample Concentration	Method Reporting Limit
Pyridine	ND	33
2,4-Dinitrotoluene	ND	33
Hexachlorobenzene	ND	33
Hexachloro-1,3-butadiene	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
1,4-Dichlorobenzene	ND	33
Methylphenols (total)	ND	33
Pentachlorophenol	ND	83
2,4,5-Trichlorophenol	ND	83
2,4,6-Trichlorophenol	ND	33

ND = Not detected

Reported by: _____

Approved by: _____

CLEJ-01272-3.13-08/20/93

EPA SAMPLE NO.

PESTICIDE ORGANIC ANALYSIS UNIT

6GS1960D02

Name: CEIMIC CORP

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.:

SDG No.: 6GS196

Matrix: (soil/water) WATER

Lab Sample ID: 920556-04

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID:

Moisture: decanted: (Y/N)

Date Received: 10/01/92

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 10/09/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 10/23/92

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

EPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
	-----gamma-BHC (Lindane)_____	0.171U	
	-----Heptachlor_____	0.171U	
1024-57-3	-----Heptachlor epoxide_____	0.171U	
	-----Endrin_____	0.331U	
72-43-5	-----Methoxychlor_____	1.71U	
5103-71-9	-----alpha-Chlordane_____	0.171U	
5103-74-2	-----gamma-Chlordane_____	0.171U	
8001-35-2	-----Toxaphene_____	17 1U	

TCLP METALS
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE ID

60D2

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 6

SDG No.: 60A1

Matrix (soil/water): WATER

Lab Sample ID: 01556-04S

Level (low/med): LOW

Date Received: 10/01/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	40.0	U		P
7440-39-2	Barium	274			P
7440-43-9	Cadmium	5.7	B		P
7440-47-3	Chromium	17.8	B		P
7439-92-1	Lead	10000			P
7439-97-6	Mercury	0.04	U	N	A
7782-49-2	Selenium	52.2	B		P
7440-22-4	Silver	2.0	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-GS1960D-02

Laboratory ID: 920556-04

Date Sample Received: 10/01/92

Date Sample Prepared: 10/09/92

Date Sample Analyzed: 10/21/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: XS

Approved by: Henry L. [Signature]

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-GS1960D-02

Laboratory ID: 920556-04

Date Sample Received: 10/01/92

Date Sampled: 9/29/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/18/92
pH	5.86	S.U	---	10/05/92
Reactive Sulfide ⁺	5	mg/kg (ppm)	2	10/07/92
Reactive Cyanide ⁺	ND	mg/kg (ppm)	0.5	10/12/92

NC = No combustion

ND = Not detected

+ Reported on an "as is" basis

Reported by: Ann Cole Approved by: Catherine Marsh

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

VOLATILE ORGANICS TARGET ANALYTES

EPA Method 8240

Client: Baker Environmental

Client Sample ID: 6-GS1960D-03

Date Sampled: 9/29/92

Laboratory ID: 920556-05

Date TCLP Performed: 10/07/92

Concentration in: ug/L (ppb)

Date Leachate Analyzed: 10/11/92

Target Analyte	Sample Concentration	Method Reporting Limit
Benzene	ND	5
Carbon tetrachloride	ND	5
Chlorobenzene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1-Dichloroethylene	ND	5
Methylethylketone	ND	10
Tetrachloroethylene	ND	5
Trichloroethylene	ND	5
Vinyl chloride	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

PESTICIDE ORGANIC ANALYSIS DATA SHEET

6681960003

Name: CEIMIC CORP

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.:

SDG No.: 668196

Matrix: (soil/water) WATER

Lab Sample ID: 920556-05

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID:

Moisture: decanted: (Y/N)

Date Received: 10/01/92

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 10/09/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 10/22/92

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

PC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

	-----gamma-BHC (Lindane)_____	0.17IU	
	-----Heptachlor_____	0.17IU	
	1024-57-3-----Heptachlor epoxide_____	0.17IU	
	-----Endrin_____	0.33IU	
	72-43-5-----Methoxychlor_____	1.7IU	
	5103-71-9-----alpha-Chlordane_____	0.17IU	
	5103-74-2-----gamma-Chlordane_____	0.17IU	
	8001-35-2-----Toxaphene_____	17 IU	

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANIC ANALYSIS

EPA METHOD 8270

Client: Baker Environmental

Date Sampled: 9/29/92

Client Sample ID: 6-GS1960D-03

Date TCLP Performed: 10/09/92

Laboratory ID: 920556-05

Date Leachate Extracted: 10/14/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 10/31/92

Target Analyte	Sample Concentration	Method Reporting Limit
Pyridine	ND	33
2,4-Dinitrotoluene	ND	33
Hexachlorobenzene	ND	33
Hexachloro-1,3-butadiene	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
1,4-Dichlorobenzene	ND	33
Methylphenols (total)	ND	33
Pentachlorophenol	ND	83
2,4,5-Trichlorophenol	ND	83
2,4,6-Trichlorophenol	ND	33

ND = Not detected

Reported by: _____

Approved by: _____

TCLF METALS
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE ID

6003

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 6

SDG No.: 60A1

Matrix (soil/water): WATER

Lab Sample ID: 01556-05S

Level (low/med): LOW

Date Received: 10/01/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	40.0	U		P
7440-39-2	Barium	220			P
7440-43-9	Cadmium	1.9	U		P
7440-47-3	Chromium	3.6	U		P
7439-92-1	Lead	209			P
7439-97-6	Mercury	0.04	U	N	A
7782-49-2	Selenium	50.0	U		P
7440-22-4	Silver	2.0	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-GS1960D-03

Laboratory ID: 920556-05

Date Sample Received: 10/01/92

Date Sample Prepared: 10/09/92

Date Sample Analyzed: 10/21/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: XS

Approved by: *[Signature]*

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-GS1960D-03

Laboratory ID: 920556-05

Date Sample Received: 10/01/92

Date Sampled: 9/29/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/18/92
pH	6.56	S.U	---	10/05/92
Reactive Sulfide ⁺	ND	mg/kg (ppm)	2	10/07/92
Reactive Cyanide ⁺	ND	mg/kg (ppm)	0.5	10/12/92

NC = No combustion
 ND = Not detected

+ Reported on an "as is" basis

Reported by: Army Cole Approved by: Catharine Maest

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

VOLATILE ORGANICS TARGET ANALYTES

EPA Method 8240

Client: Baker Environmental

Client Sample ID: 6-TR1952C-01

Date Sampled: 9/29/92

Laboratory ID: 920556-06

Date TCLP Performed: 10/07/92

Concentration in: ug/L (ppb)

Date Leachate Analyzed: 10/11/92

Target Analyte	Sample Concentration	Method Reporting Limit
Benzene	ND	5
Carbon tetrachloride	ND	5
Chlorobenzene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1-Dichloroethylene	ND	5
Methylethylketone	ND	10
Tetrachloroethylene	5	5
Trichloroethylene	ND	5
Vinyl chloride	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANIC ANALYSIS

EPA METHOD 8270

Client: Baker Environmental

Date Sampled: 9/29/92

Client Sample ID: 6-TR1952C-01

Date TCLP Performed: 10/09/92

Laboratory ID: 920556-06

Date Leachate Extracted: 10/14/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 10/31/92

Target Analyte	Sample Concentration	Method Reporting Limit
Pyridine	ND	33
2,4-Dinitrotoluene	ND	33
Hexachlorobenzene	ND	33
Hexachloro-1,3-butadiene	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
1,4-Dichlorobenzene	ND	33
Methylphenols (total)	ND	33
Pentachlorophenol	ND	83
2,4,5-Trichlorophenol	ND	83
2,4,6-Trichlorophenol	ND	33

ND = Not detected

Reported by: _____

Approved by: _____

STR1952001

Company Name: CEIMIC CORP

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.:

SDG No.: 66S196

Matrix: (soil/water) WATER

Lab Sample ID: 920556-06

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received: 10/01/92

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 10/09/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 10/22/92

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND	Q
	-----gamma-BHC (Lindane)_____	0.171U
	-----Heptachlor_____	0.171U
1024-57-3	-----Heptachlor epoxide_____	0.171U
	-----Endrin_____	0.331U
72-43-5	-----Methoxychlor_____	1.71U
5103-71-9	-----alpha-Chlordane_____	0.171U
5103-74-2	-----gamma-Chlordane_____	0.171U
8001-35-2	-----Toxaphene_____	17 1U

TCLP METALS

1

INORGANIC ANALYSIS DATA SHEET

SAMPLE ID

52C1

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 6

SDG No.: 60A1

Matrix (soil/water): WATER

Lab Sample ID: 01556-06S

Level (low/med): LOW

Date Received: 10/01/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	40.0	U		P
7440-39-2	Barium	101	B		P
7440-43-9	Cadmium	1.9	U		P
7440-47-3	Chromium	3.6	U		P
7439-92-1	Lead	22.0	U		P
7439-97-6	Mercury	0.04	U	N	A
7782-49-2	Selenium	50.0	U		P
7440-22-4	Silver	2.0	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-TR1952C-01

Laboratory ID: 920556-06

Date Sample Received: 10/01/92

Date Sample Prepared: 10/09/92

Date Sample Analyzed: 10/21/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: XS

Approved by: *[Signature]*

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-TR1952C-01

Laboratory ID: 920556-06

Date Sample Received: 10/01/92

Date Sampled: 9/29/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/18/92
pH	6.95	S.U	---	10/05/92
Reactive Sulfide ⁺	ND	mg/kg (ppm)	2	10/07/92
Reactive Cyanide ⁺	ND	mg/kg (ppm)	0.5	10/12/92

NC = No combustion

ND = Not detected

+ Reported on an "as is" basis

Reported by: Army Cole Approved by: Catherine Marsh

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

VOLATILE ORGANICS TARGET ANALYTES

EPA Method 8240

Client: Baker Environmental

Client Sample ID: 6-TR1952C-01D

Date Sampled: 9/29/92

Laboratory ID: 920556-07

Date TCLP Performed: 10/07/92

Concentration in: ug/L (ppb)

Date Leachate Analyzed: 10/11/92

Target Analyte	Sample Concentration	Method Reporting Limit
Benzene	6	5
Carbon tetrachloride	ND	5
Chlorobenzene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1-Dichloroethylene	ND	5
Methylethylketone	ND	10
Tetrachloroethylene	ND	5
Trichloroethylene	ND	5
Vinyl chloride	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

PESTICIDE ORGANICS

A SAMPLE NO.

6TR1952001D

Name: CEIMIC CORP

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.:

SDG No.: 6GS196

Matrix: (soil/water) WATER

Lab Sample ID: 920556-07

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received: 10/01/92

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 10/09/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 10/22/92

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

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

CAS NO.

COMPOUND

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
	-----gamma-BHC (Lindane)_____	0.171U	
	-----Heptachlor_____	0.171U	
1024-57-3	-----Heptachlor epoxide_____	0.171U	
	-----Endrin_____	0.331U	
72-43-5	-----Methoxychlor_____	1.71U	
5103-71-9	-----alpha-Chlordane_____	0.171U	
5103-74-2	-----gamma-Chlordane_____	0.171U	
8001-35-2	-----Toxaphene_____	17 IU	

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANIC ANALYSIS

EPA METHOD 8270

Client: Baker Environmental

Date Sampled: 9/29/92

Client Sample ID: 6-TR1952C-0210

Date TCLP Performed: 10/09/92

Laboratory ID: 920556-07

Date Leachate Extracted: 10/14/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 10/31/92

Target Analyte	Sample Concentration	Method Reporting Limit
Pyridine	ND	33
2,4-Dinitrotoluene	ND	33
Hexachlorobenzene	ND	33
Hexachloro-1,3-butadiene	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
1,4-Dichlorobenzene	ND	33
Methylphenols (total)	ND	33
Pentachlorophenol	ND	83
2,4,5-Trichlorophenol	ND	83
2,4,6-Trichlorophenol	ND	33

ND = Not detected

Reported by: _____

Approved by: _____

TCLP METALS
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE ID

52C1D

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 6

SDG No.: 60A1

Matrix (soil/water): WATER

Lab Sample ID: 01556-07S

Level (low/med): LOW

Date Received: 10/01/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	40.0	U		P
7440-39-2	Barium	142	B		P
7440-43-9	Cadmium	1.9	U		P
7440-47-3	Chromium	3.6	U		P
7439-92-1	Lead	22.0	U		P
7439-97-6	Mercury	0.04	U	N	A
7782-49-2	Selenium	50.0	U		P
7440-22-4	Silver	2.0	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-TR1952C-01D

Laboratory ID: 920556-07

Date Sample Received: 10/01/92

Date Sample Prepared: 10/09/92

Date Sample Analyzed: 10/21/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: KS

Approved by: [Signature]

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-TR1952C-01D

Laboratory ID: 920556-07

Date Sample Received: 10/01/92

Date Sampled: 9/29/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/18/92
pH	7.19	S.U	---	10/05/92
Reactive Sulfide ⁺	ND	mg/kg (ppm)	2	10/07/92
Reactive Cyanide ⁺	ND	mg/kg (ppm)	0.5	10/12/92

NC = No combustion

ND = Not detected

+ Reported on an "as is" basis

Reported by: Annex Fall Approved by: Catherine March

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

VOLATILE ORGANICS TARGET ANALYTES

EPA Method 8240

Client: Baker Environmental

Client Sample ID: 6-TR1952C-065

Date Sampled: 9/29/92

Laboratory ID: 920556-08

Date TCLP Performed: 10/07/92

Concentration in: ug/L (ppb)

Date Leachate Analyzed: 10/10/92

Target Analyte	Sample Concentration	Method Reporting Limit
Benzene	ND	5
Carbon tetrachloride	ND	5
Chlorobenzene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1-Dichloroethylene	ND	5
Methylethylketone	ND	10
Tetrachloroethylene	40	5
Trichloroethylene	ND	5
Vinyl chloride	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

PESTICIDE ORGANICS

6TR1952005

Name: CEIMIC CORP

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.:

SDG No.: 6GS196

Matrix: (soil/water) WATER

Lab Sample ID: 920556-08

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received: 10/01/92

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 10/09/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 10/22/92

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

SFC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

	-----gamma-BHC (Lindane)_____	0.171U
	-----Heptachlor_____	0.171U
1024-57-3	-----Heptachlor epoxide_____	0.171U
	-----Endrin_____	0.331U
72-43-5	-----Methoxychlor_____	1.71U
5103-71-9	-----alpha-Chlordane_____	0.171U
5103-74-2	-----gamma-Chlordane_____	0.171U
8001-35-2	-----Toxaphene_____	17 1U

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANIC ANALYSIS

EPA METHOD 8270

Client: Baker Environmental

Date Sampled: 9/29/92

Client Sample ID: 6-TR1952C-05

Date TCLP Performed: 10/09/92

Laboratory ID: 920556-08

Date Leachate Extracted: 10/14/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 10/31/92

Target Analyte	Sample Concentration	Method Reporting Limit
Pyridine	ND	33
2,4-Dinitrotoluene	ND	33
Hexachlorobenzene	ND	33
Hexachloro-1,3-butadiene	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
1,4-Dichlorobenzene	ND	33
Methylphenols (total)	ND	33
Pentachlorophenol	ND	83
2,4,5-Trichlorophenol	ND	83
2,4,6-Trichlorophenol	ND	33

ND = Not detected

Reported by: _____

Approved by: _____

TCLP METALS
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE ID

52C5

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 6

SDG No.: 60A1

Matrix (soil/water): WATER

Lab Sample ID: 01556-08S

Level (low/med): LOW

Date Received: 10/01/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	76.3	B		P
7440-39-2	Barium	167	B		P
7440-43-9	Cadmium	1.9	U		P
7440-47-3	Chromium	3.6	U		P
7439-92-1	Lead	22.0	U		P
7439-97-6	Mercury	0.04	U	N	A
7782-49-2	Selenium	50.0	U		P
7440-22-4	Silver	2.0	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-TR1952C-05

Laboratory ID: 920556-08

Date Sample Received: 10/01/92

Date Sample Prepared: 10/09/92

Date Sample Analyzed: 10/21/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: XS

Approved by: Henry L.

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-TR1952C-05

Laboratory ID: 920556-08

Date Sample Received: 10/01/92

Date Sampled: 9/29/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/18/92
pH	6.66	S.U	---	10/05/92
Reactive Sulfide ⁺	ND	mg/kg (ppm)	2	10/07/92
Reactive Cyanide ⁺	ND	mg/kg (ppm)	0.5	10/12/92

NC = No combustion
 ND = Not detected

+ Reported on an "as is" basis

Reported by: *Jimmy Cole* Approved by: *Catherine M. Smith*

1X
ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

6TR1970C02

Lab Name: CEIMIC CORP

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.:

SDG No.: 48B700

Matrix: (soil/water) WATER

Lab Sample ID: 920548-08

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: F7794

Level: (low/med) LOW

Date Received: 09/29/92

% Moisture: not dec. Heated Purge:

Date Analyzed: 10/06/92

GC Column: SP-1000 ID: 2.0(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
75-01-4	Vinyl Chloride	10	10	10
75-35-4	1,1-Dichloroethene	10	10	10
67-66-3	Chloroform	10	10	10
107-06-2	1,2-Dichloroethane	10	10	10
78-93-3	2-Butanone	10	10	10
56-23-5	Carbon Tetrachloride	10	10	10
79-01-6	Trichloroethene	10	10	10
71-43-2	Benzene	10	10	10
127-18-4	Tetrachloroethene	10	10	10
108-90-7	Chlorobenzene	10	10	10

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANICS TARGET ANALYTES

Client: Baker Environmental

Date Sampled: 9/29/92

Client ID: 6-TR1970C-02

Date TCLP Performed: 10/06/92

Laboratory ID: 920548-08

Date Leachate Extracted: 10/12/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 10/23/92

Target Analyte	Sample Concentration	Method Reporting Limits
Pyridine	ND	33
2,4-Dinitrotoluene	ND	33
Hexachlorobenzene	ND	33
Hexachloro-1,3-butadiene	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
1,4-Dichlorobenzene	ND	33
Methylphenols (total)	ND	33
Pentachlorophenol	ND	83
2,4,5-Trichlorophenol	ND	83
2,4,6-Trichlorophenol	ND	33

ND = Not detected

Reported by: _____

Approved by: _____

PESTICIDE ORGANIC:

6-TR1970C-02

Lab Name: CEIMIC CORP Contract: BAKER
 Lab Code: CEIMIC Case No.: 19133 SAS No.: SDG No.: 48-B7
 Matrix: (soil/water) WATER Lab Sample ID: 920548-08
 Sample wt/vol: 300.0 (g/mL) ML Lab File ID:
 % Moisture: decanted: (Y/N) Date Received: 09/29/92
 Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 10/12/92
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/92
 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
	-----gamma-BHC (Lindane)_____	0.171U	
	-----Heptachlor_____	0.171U	
1024-57-3	-----Heptachlor epoxide_____	0.171U	
	-----Endrin_____	0.331U	
72-43-5	-----Methoxychlor_____	1.71U	
5103-71-9	-----alpha-Chlordane_____	0.171U	
5103-74-2	-----gamma-Chlordane_____	0.171U	
8001-35-2	-----Toxaphene_____	17 1U	

TCLP METALS
1

SAMPLE ID

INORGANIC ANALYSIS DATA SHEET

0002

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 48.6

SDG No.: B700

Matrix (soil/water): WATER

Lab Sample ID: 01548-08S

Level (low/med): LOW

Date Received: 09/29/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	40.0	U		P
7440-39-2	Barium	150	B		P
7440-43-9	Cadmium	3.3	B		P
7440-47-3	Chromium	3.6	U		P
7439-92-1	Lead	70.4	B		P
7439-97-6	Mercury	0.04	U	N	A
7782-49-2	Selenium	50.0	U		P
7440-22-4	Silver	2.0	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-TR1970C-02

Laboratory ID: 920548-08

Date Sample Received: 9/20/92

Date Sample Prepared: 10/06/92

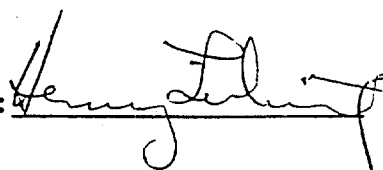
Date Sample Analyzed: 10/20/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: _____ X.S

Approved by: 

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-TR1970C-02

Laboratory ID: 920548-08

Date Sample Received: 9/29/92

Date Sampled: 9/27/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/17/92
pH	5.03	S.U.	---	10/02/92
Reactive Cyanide	ND	mg/kg (ppm)	0.5	10/02/92
Reactive Sulfide	ND	mg/kg (ppm)	2	10/02/92

NC = No combustion
 ND = Not detected

+ Reported on an "as is " basis

Reported by:

Jeffrey D. Maymon

Approved by:

Catherine Marsh

86C

1X
ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

6TR1970C03

Lab Name: CEIMIC CORP Contract: BAKER
 Lab Code: CEIMIC Case No.: 19133 SAS No.: SDG No.: 48B700
 Matrix: (soil/water) WATER Lab Sample ID: 920548-09
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: F7804
 Level: (low/med) LOW Date Received: 09/29/92
 % Moisture: not dec. Heated Purge: Date Analyzed: 10/07/92
 GC Column: SP-1000 ID: 2.0(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
75-01-4	Vinyl Chloride	10	IU
75-35-4	1,1-Dichloroethene	10	IU
67-66-3	Chloroform	10	IU
107-06-2	1,2-Dichloroethane	10	IU
78-93-3	2-Butanone	10	IU
56-23-5	Carbon Tetrachloride	10	IU
79-01-6	Trichloroethene	10	IU
71-43-2	Benzene	1	IBJ
127-18-4	Tetrachloroethene	1	IJ
108-90-7	Chlorobenzene	10	IU

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANICS TARGET ANALYTES

Client: Baker Environmental

Date Sampled: 9/29/92

Client ID: 6-TR1970C-0X 3

Date TCLP Performed: 10/06/92

Laboratory ID: 920548-09

Date Leachate Extracted: 10/12/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 10/23/92

Target Analyte	Sample Concentration	Method Reporting Limits
Pyridine	ND	33
2,4-Dinitrotoluene	ND	33
Hexachlorobenzene	ND	33
Hexachloro-1,3-butadiene	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
1,4-Dichlorobenzene	ND	33
Methylphenols (total)	ND	33
Pentachlorophenol	ND	83
2,4,5-Trichlorophenol	ND	83
2,4,6-Trichlorophenol	ND	33

ND = Not detected

Reported by: _____

Approved by: _____

6-TR19700-03

Lab Name: CEIMIC CORP

Contract: BAKER

Code: CEIMIC

Case No.: 19133

SAS No.:

SDG No.: 48-B7

Matrix: (soil/water) WATER

Lab Sample ID: 920548-09

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received: 09/29/92

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 10/12/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 11/03/92

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

	-----gamma-BHC (Lindane)_____	0.17IU	
	-----Heptachlor_____	0.17IU	
	1024-57-3-----Heptachlor epoxide_____	0.17IU	
	-----Endrin_____	0.33IU	
	72-43-5-----Methoxychlor_____	1.7IU	
	5103-71-9-----alpha-Chlordane_____	0.17IU	
	5103-74-2-----gamma-Chlordane_____	0.17IU	
	8001-35-2-----Toxaphene_____	17 IU	

TCLP METALS
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE ID

0003

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 48,6

SDG No.: B700

Matrix (soil/water): WATER

Lab Sample ID: 01548-09S

Level (low/med): LOW

Date Received: 09/29/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	40.0	U		P
7440-39-2	Barium	372			P
7440-43-9	Cadmium	1.9	U		P
7440-47-3	Chromium	3.6	U		P
7439-92-1	Lead	53.2	B		P
7439-97-6	Mercury	0.04	U	N	A
7782-49-2	Selenium	50.0	U		P
7440-22-4	Silver	2.0	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-TR1970C-03

Laboratory ID: 920548-09

Date Sample Received: 9/20/92

Date Sample Prepared: 10/06/92

Date Sample Analyzed: 10/20/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: X.S

Approved by: [Signature]

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-TR1970C-03

Laboratory ID: 920548-09

Date Sample Received: 9/29/92

Date Sampled: 9/27/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/17/92
pH	6.83	S.U.	---	10/02/92
Reactive Cyanide	ND	mg/kg (ppm)	0.5	10/02/92
Reactive Sulfide	ND	mg/kg (ppm)	2	10/02/92

NC = No combustion

ND = Not detected

+ Reported on an "as is " basis

Reported by: Jeffrey D. Maxman

Approved by: Christine Marsh

1X
ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

6TR1970D01

Lab Name: CEIMIC CORP Contract: BAKER
 Lab Code: CEIMIC Case No.: 19133 SAS No.: SDG No.: 48B700
 Matrix: (soil/water) WATER Lab Sample ID: 920548-10
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: F7805
 Level: (low/med) LOW Date Received: 09/30/92
 % Moisture: not dec. Heated Purge: Date Analyzed: 10/07/92
 GC Column: SP-1000 ID: 2.0(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
75-01-4	Vinyl Chloride	10	IU
75-35-4	1,1-Dichloroethene	10	IU
67-66-3	Chloroform	10	IU
107-06-2	1,2-Dichloroethane	10	IU
78-93-3	2-Butanone	10	IU
56-23-5	Carbon Tetrachloride	10	IU
79-01-6	Trichloroethene	10	IU
71-43-2	Benzene	1	IBJ
127-18-4	Tetrachloroethene	10	IU
108-90-7	Chlorobenzene	10	IU

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANICS TARGET ANALYTES

Client: Baker Environmental

Date Sampled: 9/29/92

Client ID: 6-TR1970D-01

Date TCLP Performed: 10/06/92

Laboratory ID: 920548-10

Date Leachate Extracted: 10/12/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 10/24/92

Target Analyte	Sample Concentration	Method Reporting Limits
Pyridine	ND	33
2,4-Dinitrotoluene	ND	33
Hexachlorobenzene	ND	33
Hexachloro-1,3-butadiene	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
1,4-Dichlorobenzene	ND	33
Methylphenols (total)	ND	33
Pentachlorophenol	ND	83
2,4,5-Trichlorophenol	ND	83
2,4,6-Trichlorophenol	ND	33

ND = Not detected

Reported by: _____

Approved by: _____

Lab Name: CEIMIC CORP

Contract: BAKER

6-TR1970D-01

Lab Code: CEIMIC

Case No.: 19133

SAS No.:

SDG No.: 49-87

Matrix: (soil/water) WATER

Lab Sample ID: 920540-10

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received: 09/30/92

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 10/12/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 11/03/92

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
	-----gamma-BHC (Lindane)_____	0.171U	
	-----Heptachlor_____	0.171U	
1024-57-3	-----Heptachlor epoxide_____	0.171U	
	-----Endrin_____	0.331U	
72-43-5	-----Methoxychlor_____	1.71U	
5103-71-9	-----alpha-Chlordane_____	0.171U	
5103-74-2	-----gamma-Chlordane_____	0.171U	
8001-35-2	-----Toxaphene_____	17 1U	

TCLF METALS

1

INORGANIC ANALYSIS DATA SHEET

SAMPLE ID

OD01

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 48.6

SDG No.: B700

Matrix (soil/water): WATER

Lab Sample ID: 01548-10S

Level (low/med): LOW

Date Received: 09/30/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	40.0	U		F
7440-39-2	Barium	563			F
7440-43-9	Cadmium	23.2			F
7440-47-3	Chromium	9.0	B		F
7439-92-1	Lead	620			F
7439-97-6	Mercury	0.04	U	N	A
7782-49-2	Selenium	50.0	U		F
7440-22-4	Silver	2.0	U		F

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-TR1970D-01

Laboratory ID: 920548-10

Date Sample Received: 9/20/92

Date Sample Prepared: 10/06/92

Date Sample Analyzed: 10/20/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: X.S

Approved by: [Signature]
848

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-TR1970D-01

Laboratory ID: 920548-10

Date Sample Received: 9/29/92

Date Sampled: 9/27/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/17/92
pH	6.85	S.U.	---	10/02/92
Reactive Cyanide	ND	mg/kg (ppm)	0.5	10/02/92
Reactive Sulfide	ND	mg/kg (ppm)	2	10/02/92

NC = No combustion

ND = Not detected

+ Reported on an "as is " basis

Reported by: Jeffrey D. Maymon

Approved by: Carlene March

1X
ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

6TR1970D05

Lab Name: CEIMIC CORP

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.:

SDG No.: 48B700

Matrix: (soil/water) WATER

Lab Sample ID: 920548-11

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: BE958

Level: (low/med) LOW

Date Received: 09/30/92

% Moisture: not dec.

Heated Purge:

Date Analyzed: 10/09/92

GC Column: DB-624

ID: 0.53(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

75-01-4	Vinyl Chloride	10	U
75-35-4	1,1-Dichloroethene	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
56-23-5	Carbon Tetrachloride	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
127-18-4	Tetrachloroethene	10	U
108-90-7	Chlorobenzene	10	U

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANICS TARGET ANALYTES

Client: Baker Environmental

Date Sampled: 9/29/92

Client ID: 6-TR1970D-05

Date TCLP Performed: 10/06/92

Laboratory ID: 920548-11

Date Leachate Extracted: 10/12/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 10/24/92

Target Analyte	Sample Concentration	Method Reporting Limits
Pyridine	ND	33
2,4-Dinitrotoluene	ND	33
Hexachlorobenzene	ND	33
Hexachloro-1,3-butadiene	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
1,4-Dichlorobenzene	ND	33
Methylphenols (total)	ND	33
Pentachlorophenol	ND	83
2,4,5-Trichlorophenol	ND	83
2,4,6-Trichlorophenol	ND	33

ND = Not detected

Reported by: _____

Approved by: _____

Lab Name: CEIMIC CORP

Contract: BAKER

6-TR1970D-05

Code: CEIMIC

Case No.: 19133

SAS No.:

SDG No.: 48-B7

Matrix: (soil/water) WATER

Lab Sample ID: 920548-11

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received: 09/30/92

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 10/12/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 11/03/92

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
	-----gamma-BHC (Lindane)_____	0.17IU	
	-----Heptachlor_____	0.17IU	
1024-57-3	-----Heptachlor epoxide_____	0.17IU	
	-----Endrin_____	0.33IU	
72-43-5	-----Methoxychlor_____	1.7IU	
5103-71-9	-----alpha-Chlordane_____	0.17IU	
5103-74-2	-----gamma-Chlordane_____	0.17IU	
8001-35-2	-----Toxaphene_____	17 IU	

TCLP METALS
1

INORGANIC ANALYSIS DATA SHEET

SAMPLE ID

0005

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 48,6

SDG No.: B700

Matrix (soil/water): WATER

Lab Sample ID: 01548-11S

Level (low/med): LOW

Date Received: 09/30/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	40.0	U		P
7440-39-2	Barium	310			P
7440-43-9	Cadmium	2.1	B		P
7440-47-3	Chromium	3.6	U		P
7439-92-1	Lead	2780			P
7439-97-6	Mercury	0.04	U	N	A
7782-49-2	Selenium	50.0	U		P
7440-22-4	Silver	47.0			P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-TR1970D-05

Laboratory ID: 920548-11

Date Sample Received: 9/20/92

Date Sample Prepared: 10/06/92

Date Sample Analyzed: 10/20/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: A.S

Approved by: Henry Schmitz
843

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-TR1970D-05

Laboratory ID: 920548-11

Date Sample Received: 9/30/92

Date Sampled: 9/27/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/17/92
pH	7.66	S.U.	---	10/02/92
Reactive Cyanide	ND	mg/kg (ppm)	0.5	10/02/92
Reactive Sulfide	ND	mg/kg (ppm)	2	10/02/92

NC = No combustion

ND = Not detected

+ Reported on an "as is " basis

Reported by:

Jeffrey D. Mayman

Approved by:

Catherine Marsh

1X
ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

6TR1964A02

Lab Name: CEIMIC CORP Contract: BAKER
 Lab Code: CEIMIC Case No.: 19133 SAS No.: SDG No.: 48B700
 Matrix: (soil/water) WATER Lab Sample ID: 920548-06
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: F7792
 Level: (low/med) LOW Date Received: 09/29/92
 % Moisture: not dec. Heated Purge: Date Analyzed: 10/06/92
 GC Column: SP-1000 ID: 2.0(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
75-01-4	Vinyl Chloride	10	IU
75-35-4	1,1-Dichloroethene	10	IU
67-66-3	Chloroform	10	IU
107-06-2	1,2-Dichloroethane	10	IU
78-93-3	2-Butanone	10	IU
56-23-5	Carbon Tetrachloride	10	IU
79-01-6	Trichloroethene	10	IU
71-43-2	Benzene	10	IU
127-18-4	Tetrachloroethene	10	IU
108-90-7	Chlorobenzene	10	IU

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP).

SEMIVOLATILE ORGANICS TARGET ANALYTES

Client: Baker Environmental	Date Sampled: 9/29/92
Client ID: 6-TR1964A-02	Date TCLP Performed: 10/06/92
Laboratory ID: 920548-06	Date Leachate Extracted: 10/12/92
Concentration in: ug/L (ppb)	Date Extract Analyzed: 11/04/92

Target Analyte	Sample Concentration	Method Reporting Limits
Pyridine	ND	33
2,4-Dinitrotoluene	ND	33
Hexachlorobenzene	ND	33
Hexachloro-1,3-butadiene	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
1,4-Dichlorobenzene	ND	33
Methylphenols (total)	ND	33
Pentachlorophenol	ND	83
2,4,5-Trichlorophenol	ND	83
2,4,6-Trichlorophenol	ND	33

ND = Not detected

Reported by: _____

Approved by: _____

Name: CEIMIC CORP

Contract: BAKER

6-TR1964A-02

Lab Code: CEIMIC Case No.: 19133 SAS No.: SDG No.: 48-87
 Matrix: (soil/water) WATER Lab Sample ID: 920548-06
 Sample wt/vol: 300.0 (g/mL) ML Lab File ID:
 % Moisture: decanted: (Y/N) Date Received: 09/29/92
 Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 10/12/92
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/92
 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
	-----gamma-BHC (Lindane)_____	0.171U	
	-----Heptachlor_____	0.171U	
1024-57-3	-----Heptachlor epoxide_____	0.171U	
	-----Endrin_____	0.331U	
72-43-5	-----Methoxychlor_____	1.71U	
5103-71-9	-----alpha-Chlordane_____	0.171U	
5103-74-2	-----gamma-Chlordane_____	0.171U	
8001-35-2	-----Toxaphene_____	17 U	

TCLP METALS

1

INORGANIC ANALYSIS DATA SHEET

SAMPLE ID

4A02

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 48.6

SDG No.: B700

Matrix (soil/water): WATER

Lab Sample ID: 01548-06S

Level (low/med): LOW

Date Received: 09/29/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	40.0	U		P
7440-39-2	Barium	3360			P
7440-43-9	Cadmium	31.3			P
7440-47-3	Chromium	16.6	B		P
7439-92-1	Lead	1530			P
7439-97-6	Mercury	0.04	U	N	A
7782-49-2	Selenium	136	B		P
7440-22-4	Silver	2.0	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-TR1964A-02

Laboratory ID: 920548-06

Date Sample Received: 9/20/92

Date Sample Prepared: 10/06/92

Date Sample Analyzed: 10/20/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: X.S

Approved by: Henry T. Linn

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-TR1964A-02

Laboratory ID: 920548-06

Date Sample Received: 9/29/92

Date Sampled: 9/28/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/17/92
pH	5.91	S.U.	---	10/02/92
Reactive Cyanide	ND	mg/kg (ppm)	0.5	10/02/92
Reactive Sulfide	ND	mg/kg (ppm)	2	10/02/92

NC = No combustion

ND = Not detected

+ Reported on an "as is " basis

Reported by:

Jeffrey D. Maxman

Approved by:

Catherine Marsh

1X
ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

6TR1964A04

Lab Name: CEIMIC CORP Contract: BAKER
 Lab Code: CEIMIC Case No.: 19133 SAS No.: SDG No.: 48B700
 Matrix: (soil/water) WATER Lab Sample ID: 920548-07
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: F7793
 Level: (low/med) LOW Date Received: 09/29/92
 % Moisture: not dec. Heated Purge: Date Analyzed: 10/06/92
 GC Column: SP-1000 ID: 2.0(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
75-01-4	Vinyl Chloride	10	IU	
75-35-4	1,1-Dichloroethene	10	IU	
67-66-3	Chloroform	10	IU	
107-06-2	1,2-Dichloroethane	10	IU	
78-93-3	2-Butanone	10	IU	
56-23-5	Carbon Tetrachloride	10	IU	
79-01-6	Trichloroethene	10	IU	
71-43-2	Benzene	10	IU	
127-18-4	Tetrachloroethene	10	IU	
108-90-7	Chlorobenzene	10	IU	

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANICS TARGET ANALYTES

Client: Baker Environmental

Date Sampled: 9/29/92

Client ID: 6-TR1964A-04

Date TCLP Performed: 10/06/92

Laboratory ID: 920548-07

Date Leachate Extracted: 10/12/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 10/23/92

Target Analyte	Sample Concentration	Method Reporting Limits
Pyridine	ND	33
2,4-Dinitrotoluene	ND	33
Hexachlorobenzene	ND	33
Hexachloro-1,3-butadiene	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
1,4-Dichlorobenzene	ND	33
Methylphenols (total)	ND	33
Pentachlorophenol	ND	83
2,4,5-Trichlorophenol	ND	83
2,4,6-Trichlorophenol	ND	33

ND = Not detected

Reported by: _____

Approved by: _____

Lab Name: CEIMIC CORP

Contract: BAKER

6-TR1964A-04

Code: CEIMIC

Case No.: 19133

SAS No.:

SDG No.: 48-B7

Matrix: (soil/water) WATER

Lab Sample ID: 920548-07

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received: 09/29/92

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 10/12/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 11/03/92

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
	-----gamma-BHC (Lindane)_____	0.17IU	
	-----Heptachlor_____	0.17IU	
1024-57-3	-----Heptachlor epoxide_____	0.17IU	
	-----Endrin_____	0.33IU	
72-43-5	-----Methoxychlor_____	1.7IU	
5103-71-9	-----alpha-Chlordane_____	0.17IU	
5103-74-2	-----gamma-Chlordane_____	0.17IU	
8001-35-2	-----Toxaphene_____	17 IU	

ICLP METALS

1

SAMPLE ID

INORGANIC ANALYSIS DATA SHEET

4A04

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 48,6

SDG No.: B700

Matrix (soil/water): WATER

Lab Sample ID: 01548-07S

Level (low/med): LOW

Date Received: 09/29/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	40.0	U		P
7440-39-2	Barium	148	B		P
7440-43-9	Cadmium	3.7	B		P
7440-47-3	Chromium	3.6	U		P
7439-92-1	Lead	217			P
7439-97-6	Mercury	0.04	U	N	A
7782-49-2	Selenium	50.0	U		P
7440-22-4	Silver	2.0	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-TR1964A-04

Laboratory ID: 920548-07

Date Sample Received: 9/20/92

Date Sample Prepared: 10/06/92

Date Sample Analyzed: 10/20/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: X.S

Approved by: [Signature]

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-TR1964A-04

Laboratory ID: 920548-07

Date Sample Received: 9/29/92

Date Sampled: 9/28/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/17/92
pH	6.59	S.U.	---	10/02/92
Reactive Cyanide	ND	mg/kg (ppm)	0.5	10/02/92
Reactive Sulfide	ND	mg/kg (ppm)	2	10/02/92

NC = No combustion

ND = Not detected

+ Reported on an "as is " basis

Reported by:

Jelky D. Maymon

Approved by:

Shirley Marsh

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

VOLATILE ORGANIC ANALYSIS

EPA METHOD 8240

Client: Baker Environmental

Client Sample ID: 9-AST-SB19

Date Sampled: 09/22/92

Laboratory ID: 920536-01

Date TCLP performed: 09/27/92

Concentration in: ug/L

Date Leachate Analyzed: 09/29/92

Target Analyte	Actual		Adjusted*	
	Sample Result	Method Reporting Limit	Sample Result	Method Reporting Limit
Benzene	ND	5	ND	5
Carbon tetrachloride	ND	5	ND	5
Chlorobenzene	ND	5	ND	5
Chloroform	ND	5	ND	5
1,2-Dichloroethane	ND	5	ND	5
1,1-Dichloroethylene	ND	5	ND	6
Methylethylketone	ND	10	ND	12
Tetrachloroethylene	ND	5	ND	5
Trichloroethylene	ND	5	ND	6
Vinyl chloride	ND	10	ND	19

* Actual sample result adjusted for matrix bias. Refer to matrix spike analysis summary form.

Reported by: _____

Approved by: _____



BAKER ENVIRONMENTAL INC

6-B04 11-9-92 0930

WO #: A2168109

LAB #: A2K120024-004

MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

TCLP EXTRACTION DATE: 11/17/92

----- REQUESTED PARAMETERS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
2,4-D	ND	0.5	SW846 8150	11/17-11/20/92	32205
2,4,5-TP (Silvex)	ND	0.1	SW846 8150	11/17-11/20/92	32205

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
2,4-DB	90	(48 - 131)

NOTE: AS RECEIVED
ND (NONE DETECTED)

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANIC ANALYSIS

EPA METHOD 8270

Client: Baker Environmental

Date Sampled: 9/22/92

Client Sample ID: 9-AST-SB19

Date TCLP Performed: 9/28/92

Laboratory ID: 920536-01

Date Leachate Extracted: 10/04/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 10/11/92

Target Analyte	Sample Concentration	Method Reporting Limit
Pyridine	ND	10
2,4-Dinitrotoluene	ND	10
Hexachlorobenzene	ND	10
Hexachloro-1,3-butadiene	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Methylphenols (total)	ND	10
Pentachlorophenol	ND	25
2,4,5-Trichlorophenol	ND	25
2,4,6-Trichlorophenol	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

9AST5B19

Name: CEIMIC CORP

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.:

SDS No.: 9AST5B

Matrix: (soil/water) WATER

Lab Sample ID: 920536-01

Sample wt/vol: 1000 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received: 09/23/92

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 10/04/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 10/21/92

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
	-----gamma-BHC (Lindane)_____	0.050IU	
	-----Heptachlor_____	0.050IU	
1024-57-3	-----Heptachlor epoxide_____	0.050IU	
	-----Endrin_____	0.10IU	
72-43-5	-----Methoxychlor_____	0.50IU	
5103-71-9	-----alpha-Chlordane_____	0.050IU	
5103-74-2	-----gamma-Chlordane_____	0.050IU	
8001-35-2	-----Toxaphene_____	5.0IU	

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 9-AST-SB19

Laboratory ID: 920536-01

Date Sample Received: 9/25/92

Date Sample Prepared: 9/28/92

Date Sample Analyzed: 10/20/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: X.S.

Approved by: Henry J. [Signature]

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 9-AST-SB19

Laboratory ID: 920536-01

Date Sample Received: 9/25/92

Date Sampled: 9/22/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Alkalinity (as CaCO ₃)	378	mg/kg (ppm)	20	10/03/92
Chloride	ND	mg/kg (ppm)	20	10/14/92
Flashpoint	NC	°F	200	10/05/92
Fluoride	ND	mg/kg (ppm)	2	10/22/92
pH	7.86	S.U	---	10/02/92
Reactive Cyanide	ND	mg/kg (ppm)	0.5	10/02/92
Reactive Sulfide	ND	mg/kg (ppm)	2	10/02/92
Total Kjeldahl Nitrogen (as N)	53	mg/kg (ppm)	50	10/20/92

NC = No combustion
 ND = Not detected

+ Reported on an "as is" basis

Reported by: Jeffrey D. Mayman

Approved by: Catherine Marsh
 1867

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

VOLATILE ORGANIC ANALYSIS

EPA METHOD 8240

Client: Baker Environmental

Client Sample ID: 9-AST-SB19D

Date Sampled: 09/22/92

Laboratory ID: 920536-02

Date TCLP performed: 09/27/92

Concentration in: ug/L

Date Leachate Analyzed: 09/29/92

Target Analyte	Actual		Adjusted*	
	Sample Result	Method Reporting Limit	Sample Result	Method Reporting Limit
Benzene	ND	5	ND	5
Carbon tetrachloride	ND	5	ND	5
Chlorobenzene	ND	5	ND	5
Chloroform	ND	5	ND	5
1,2-Dichloroethane	ND	5	ND	5
1,1-Dichloroethylene	ND	5	ND	6
Methylethylketone	ND	10	ND	12
Tetrachloroethylene	ND	5	ND	5
Trichloroethylene	ND	5	ND	6
Vinyl chloride	ND	10	ND	19

* Actual sample result adjusted for matrix bias. Refer to matrix spike analysis summary form.

Reported by: _____

Approved by: _____

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANIC ANALYSIS

EPA METHOD 8270

Client: Baker Environmental

Date Sampled: 9/22/92

Client Sample ID: 9-AST-SB19D

Date TCLP Performed: 9/28/92

Laboratory ID: 920536-02

Date Leachate Extracted: 10/04/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 10/11/92

Target Analyte	Sample Concentration	Method Reporting Limit
Pyridine	ND	33
2,4-Dinitrotoluene	ND	33
Hexachlorobenzene	ND	33
Hexachloro-1,3-butadiene	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
1,4-Dichlorobenzene	ND	33
Methylphenols (total)	ND	33
Pentachlorophenol	ND	83
2,4,5-Trichlorophenol	ND	83
2,4,6-Trichlorophenol	ND	33

ND = Not detected

Reported by: _____

Approved by: _____

9ASTSB19D

Lab Name: CEIMIC CORP

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.:

SDG No.: 9ASTSB

Matrix: (soil/water) WATER

Lab Sample ID: 920536-02

Sample wt/vol: 1000 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received: 09/23/92

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 10/04/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 10/21/92

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 0

	-----gamma-BHC (Lindane)_____	0.050IU
	-----Heptachlor_____	0.050IU
1024-57-3	-----Heptachlor epoxide_____	0.050IU
	-----Endrin_____	0.10IU
72-43-5	-----Methoxychlor_____	0.50IU
5103-71-9	-----alpha-Chlordane_____	0.050IU
5103-74-2	-----gamma-Chlordane_____	0.050IU
8001-35-2	-----Toxaphene_____	5.0IU

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 9-AST-SB19D

Laboratory ID: 920536-02

Date Sample Received: 9/25/92

Date Sample Prepared: 9/28/92

Date Sample Analyzed: 10/20/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: X. S.

Approved by: Henry J. [Signature]
1874

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

VOLATILE ORGANICS TARGET ANALYTES

EPA Method 8240

Client: Baker Environmental

Client Sample ID: 6-201A-SB-17A

Date Sampled: 10/13/92

Laboratory ID: 920570-34

Date TCLP Performed: 10/14/92

Concentration in: ug/L (ppb)

Date Leachate Analyzed: 10/15/92

Target Analyte	Sample Concentration	Method Reporting Limit
Benzene	ND	5
Carbon tetrachloride	ND	5
Chlorobenzene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1-Dichloroethylene	ND	5
Methylethylketone	ND	10
Tetrachloroethylene	ND	5
Trichloroethylene	ND	5
Vinyl chloride	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANIC ANALYSIS

EPA METHOD 8270

Client: Baker Environmental

Date Sampled: 10/13/92

Client Sample ID: 6-201A-SB17A

Date TCLP Performed: 10/20/92

Laboratory ID: 920570-34

Date Leachate Extracted: 10/27/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 11/14/92

Target Analyte	Sample Concentration	Method Reporting Limit
Pyridine	ND	10
2,4-Dinitrotoluene	ND	10
Hexachlorobenzene	ND	10
Hexachloro-1,3-butadiene	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Methylphenols (total)	ND	10
Pentachlorophenol	ND	25
2,4,5-Trichlorophenol	ND	25
2,4,6-Trichlorophenol	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

PESTICIDE ORGANICS

6-201A-SB17A

Name: CEIMIC CORP Contract: BAKER ENVIR
 Lab Code: CEIMIC Case No.: 19133 SAS No.: _____ SDB No.: 6GW160
 Matrix: (soil/water) WATER Lab Sample ID: 920570-34
 Sample wt/vol: 300.0 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 10/14/92
 Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 10/20/92
 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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	alpha-BHC	0.17	U
319-85-7	beta-BHC	0.17	U
319-86-8	delta-BHC	0.17	U
	gamma-BHC (Lindane)	0.17	U
	Heptachlor	0.17	U
	Aldrin	0.17	U
1024-57-3	Heptachlor epoxide	0.17	U
959-98-8	Endosulfan I	0.17	U
	Dieldrin	0.33	U
72-55-9	4,4'-DDE	0.33	U
	Endrin	0.33	U
33213-65-9	Endosulfan II	0.33	U
72-54-8	4,4'-DDD	1.7	P
1031-07-8	Endosulfan sulfate	0.33	U
	4,4'-DDT	0.33	U
72-43-5	Methoxychlor	1.7	U
53494-70-5	Endrin ketone	0.33	U
7421-36-3	Endrin aldehyde	0.33	U
5103-71-9	alpha-Chlordane	0.17	U
5103-74-2	gamma-Chlordane	0.17	U
8001-35-2	Toxaphene	17	U
12674-11-2	Aroclor-1016	3.3	U
11104-28-2	Aroclor-1221	6.7	U
11141-16-5	Aroclor-1232	3.3	U
53469-21-9	Aroclor-1242	3.3	U
12672-29-6	Aroclor-1248	3.3	U
11097-69-1	Aroclor-1254	3.3	U
11096-82-5	Aroclor-1260	3.3	U

SAMPLE ID

INORGANIC ANALYSIS DATA SHEET

ASB17A

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 6

SDG No.: GW1603

Matrix (soil/water): WATER

Lab Sample ID: 02570-34S

Level (low/med): LOW

Date Received: 10/14/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	R	M
7440-38-2	Arsenic	40.0	U		F
7440-39-2	Barium	147	B		F
7440-43-9	Cadmium	1.9	U		F
7440-47-3	Chromium	5.1	B		F
7439-92-1	Lead	22.0	U		F
7439-97-6	Mercury	0.04	U		A
7782-49-2	Selenium	146	B		F
7440-22-4	Silver	2.0	U		F

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-201A-SB17A

Laboratory ID: 920570-34

Date Sample Received: 10/14/92

Date Sample Prepared: 10/20/92

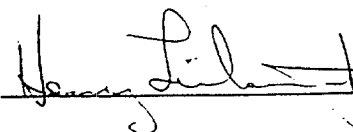
Date Sample Analyzed: 11/01/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: X.S.

Approved by: 

TOTAL ORGANIC CARBON (TOC)

Method 415.1/9060

Client: Baker Environmental

Project No.: 920570

Date Received: 10/15/92

Concentration in: mg/kg (ppm)

Client ID	Laboratory ID	Sample Concentration	Reporting Limit
6-201A-SB17A	920570-34	21,000	30
6-201B-SB33A	920570-36	4,600	30
Method Blank	TOC1102-B1	ND	30

ND = Not detected

Reported by: JT

Approved by: Henry Taylor

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-201A-SB17A

Laboratory ID: 920570-34

Date Sampled: 10/13/92

Date Sample Received: 10/14/92

Target Analyte	Result ⁺	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/18/92
Alkalinity (as CaCO ₃)	452	mg/kg	20	10/24/92
Chloride	ND	mg/kg	20	10/24/92
Fluoride	ND	mg/kg	2	10/22/92
pH	7.82	S.U.	---	10/20/92
Reactive Cyanide	ND	mg/kg	0.5	10/17/92
Reactive Sulfide	ND	mg/kg	2	10/17/92
Total Kjeldahl Nitrogen (as N)	ND	mg/kg	50	10/20/92

ND = Not detected
NC = No combustion

+ Reported on an "as is" basis

Reported by: Jeffrey D. Maxmon

Approved by: Carmini Hawk

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

VOLATILE ORGANICS TARGET ANALYTES

EPA Method 8240

Client: Baker Environmental

Client Sample ID: 6-201B-SB-33A

Date Sampled: 10/14/92

Laboratory ID: 920570-36

Date TCLP Performed: 10/16/92

Concentration in: ug/L (ppb)

Date Leachate Analyzed: 10/17/92

Target Analyte	Sample Concentration	Method Reporting Limit
Benzene	ND	5
Carbon tetrachloride	ND	5
Chlorobenzene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1-Dichloroethylene	ND	5
Methylethylketone	ND	10
Tetrachloroethylene	ND	5
Trichloroethylene	ND	5
Vinyl chloride	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANIC ANALYSIS

EPA METHOD 8270

Client: Baker Environmental

Date Sampled: 10/14/92

Client Sample ID: 6-201B-SB33A

Date TCLP Performed: 10/20/92

Laboratory ID: 920570-36

Date Leachate Extracted: 10/27/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 11/13/92

Target Analyte	Sample Concentration	Method Reporting Limit
Pyridine	ND	10
2,4-Dinitrotoluene	ND	10
Hexachlorobenzene	ND	10
Hexachloro-1,3-butadiene	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Methylphenols (total)	ND	10
Pentachlorophenol	ND	25
2,4,5-Trichlorophenol	ND	25
2,4,6-Trichlorophenol	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

PESTICIDE ORGANICS

6-201B-SB33A

Name: CEIMIC CORP Contract: BAKER ENVIR
 Lab Code: CEIMIC Case No.: 19133 SAS No.: _____ SDG No.: 6GW160
 Matrix: (soil/water) WATER Lab Sample ID: 920570-36
 Sample wt/vol: 300.0 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 10/15/92
 Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 10/20/92
 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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.

COMPOUND

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L
319-84-6	alpha-BHC	0.17IU
319-85-7	beta-BHC	0.17IU
319-86-8	delta-BHC	0.17IU
	gamma-BHC (Lindane)	0.17IU
	Heptachlor	0.17IU
	Aldrin	0.17IU
1024-57-3	Heptachlor epoxide	0.17IU
959-98-8	Endosulfan I	0.17IU
	Dieldrin	0.33IU
72-55-9	4,4'-DDE	0.33IU
	Endrin	0.33IU
33213-65-9	Endosulfan II	0.33IU
72-54-8	4,4'-DDD	0.33IU
1031-07-8	Endosulfan sulfate	0.33IU
	4,4'-DDT	0.33IU
72-43-5	Methoxychlor	1.7IU
53494-70-5	Endrin ketone	0.33IU
7421-36-3	Endrin aldehyde	0.33IU
5103-71-9	alpha-Chlordane	0.17IU
5103-74-2	gamma-Chlordane	0.17IU
8001-35-2	Toxaphene	17 IU
12674-11-2	Aroclor-1016	3.3IU
11104-28-2	Aroclor-1221	6.7IU
11141-16-5	Aroclor-1232	3.3IU
53469-21-9	Aroclor-1242	3.3IU
12672-29-6	Aroclor-1248	3.3IU
11097-69-1	Aroclor-1254	3.3IU
11096-82-5	Aroclor-1260	3.3IU

TCLP METALS
1

SAMPLE ID

INORGANIC ANALYSIS DATA SHEET

ESB33A

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 6

SDG No.: GW1603

Matrix (soil/water): WATER

Lab Sample ID: 02570-368

Level (low/med): LOW

Date Received: 10/15/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	40.0	U		F
7440-39-2	Barium	176	B		F
7440-43-9	Cadmium	5.2	B		F
7440-47-3	Chromium	5.8	B		F
7439-92-1	Lead	22.0	U		F
7439-97-6	Mercury	0.04	U		A
7782-49-2	Selenium	280			F
7440-22-4	Silver	2.0	U		F

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-201B-SB33A

Laboratory ID: 920570-36

Date Sample Received: 10/15/92

Date Sample Prepared: 10/20/92

Date Sample Analyzed: 11/01/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: X.S.

Approved by: Henry J. [Signature]

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-201B-SB33A

Laboratory ID: 920570-36

Date Sampled: 10/14/92

Date Sample Received: 10/15/92

Target Analyte	Result ⁺	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	11/09/92
Alkalinity (as CaCO ₃)	336	mg/kg	20	10/24/92
Chloride	ND	mg/kg	20	10/24/92
Fluoride	ND	mg/kg	2	10/22/92
pH	7.93	S.U.	---	10/20/92
Reactive Cyanide	ND	mg/kg	0.5	10/17/92
Reactive Sulfide	ND	mg/kg	2	10/17/92
Total Kjeldahl Nitrogen (as N)	ND	mg/kg	50	10/20/92

ND = Not detected
 NC = No combustion

+ Reported on an "as is" basis

Reported by: Jeffrey D. Maysman

Approved by: Catherine Marsh

1X
ORGANICS ANALYSIS DATA SHEET

Client: CEIMIC CORP Contract: BAKER ID: 6201CSB4 *12/1/92*

Code: CEIMIC Case No.: 19133 SAS No.: _____ SDG No.: 6201CE205

Matrix: (soil/water) WATER Lab Sample ID: 920466-03

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E6949

Level: (low/med) LOW Date Received: 09/01/92

Disturbance: not dec. _____ Heated Purge: _____ Date Analyzed: 09/06/92

Column: SP-1000 ID: 2.0(mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
75-01-4	Vinyl Chloride	10	IU
75-35-4	1,1-Dichloroethene	5	IU
67-66-3	Chloroform	5	IU
77-06-2	1,2-Dichloroethane	5	IU
3-93-3	2-Butanone	10	IU
56-23-5	Carbon Tetrachloride	5	IU
79-01-6	Trichloroethene	5	IU
71-43-2	Benzene	5	IU
127-18-4	Tetrachloroethene	5	IU
108-90-7	Chlorobenzene	5	IU

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANICS TARGET ANALYTES

Client: Baker Environmental

Date Sampled: 8/30/92

Client ID: 6-201C-SB41

Date TCLP Performed: 9/05/92

Laboratory ID: 920466-03

Date Leachate Extracted: 9/11/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 9/16/92

Target Analyte	Sample Concentration	Method Reporting Limits
Pyridine	ND	10
2,4-Dinitrotoluene	ND	10
Hexachlorobenzene	ND	10
Hexachloro-1,3-butadiene	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Methylphenols (total)	ND	10
Pentachlorophenol	ND	25
2,4,5-Trichlorophenol	ND	25
2,4,6-Trichlorophenol	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANICS TARGET ANALYTES

Client: Baker Environmental

Date Sampled: 8/30/92

Client ID: 6-201C-SB41RE

Date TCLP Performed: 9/05/92

Laboratory ID: 920466-03

Date Leachate Extracted: 9/11/92

Concentration in: ug/L (ppb)

Date Extract Analyzed: 9/16/92

Target Analyte	Sample Concentration	Method Reporting Limits
Pyridine	ND	10
2,4-Dinitrotoluene	ND	10
Hexachlorobenzene	ND	10
Hexachloro-1,3-butadiene	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Methylphenols (total)	ND	10
Pentachlorophenol	ND	25
2,4,5-Trichlorophenol	ND	25
2,4,6-Trichlorophenol	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

PESTICIDE ORGANICS ANALYSIS DATA SHEET

620109841

Company: CEIMIC CORP

Contract: BAKER_ENVIR

Code: CEIMIC Case No.: 19133 SAS No.: SDG No.: 62010E

Matrix: (soil/water) WATER Lab Sample ID: 920466-03

Sample wt/vol: 300.0 (g/mL) ML Lab File ID:

Preparation: decanted: (Y/N) Date Received: 09/01/92

Extraction: (SepF/Cont/Sonc) SEFF Date Extracted: 09/05/92

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/30/92

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

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

CAS NO.	COMPOUND	Q
319-84-6	alpha-BHC	0.17IU
319-85-7	beta-BHC	0.17IU
319-86-8	delta-BHC	0.17IU
108-89-9	gamma-BHC (Lindane)	0.17IU
76-44-8	Heptachlor	0.17IU
309-00-2	Aldrin	0.17IU
1024-57-3	Heptachlor epoxide	0.17IU
959-98-8	Endosulfan I	0.17IU
60-57-1	Dieldrin	0.33IU
72-55-9	4,4'-DDE	0.33IU
72-20-8	Endrin	0.33IU
33213-65-9	Endosulfan II	0.33IU
72-54-8	4,4'-DDD	0.33IU
1031-07-8	Endosulfan sulfate	0.33IU
50-29-3	4,4'-DDT	0.33IU
72-43-5	Methoxychlor	1.7IU
53494-70-5	Endrin ketone	0.33IU
7421-36-3	Endrin aldehyde	0.33IU
5103-71-9	alpha-Chlordane	0.17IU
5103-74-2	gamma-Chlordane	0.17IU
8001-35-2	Toxaphene	17 IU
12674-11-2	Aroclor-1016	3.3IU
11104-28-2	Aroclor-1221	6.7IU
11141-16-5	Aroclor-1232	3.3IU
53469-21-9	Aroclor-1242	3.3IU
12672-29-6	Aroclor-1248	3.3IU
11097-69-1	Aroclor-1254	3.3IU
11096-82-5	Aroclor-1260	3.3IU

INORGANIC ANALYSIS DATA SHEET

SAMPLE ID

SB41

b Name: CEIMIC

Contract: BAKER

b Code: CEIMIC

Case No.: 19133

SAS No.: 6-201C

SDG No.: ER5

Matrix (soil/water): WATER

Lab Sample ID: 00466-03S

Level (low/med): LOW

Date Received: 09/01/92

Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	40.0	U		P
7440-39-2	Barium	299			P
7440-43-9	Cadmium	1.9	U		P
7440-47-3	Chromium	14.4	B		P
7439-92-1	Lead	22.0	U		P
7439-97-6	Mercury	1.6			A
7782-49-2	Selenium	202			P
7440-22-4	Silver	3.7	B		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

VOLATILE ORGANICS TARGET ANALYTES

EPA Method 8240

Client: Baker Environmental

Client Sample ID: 6-203-OSA-SB44-01

Date Sampled: 10/12/92

Laboratory ID: 920573-10

Date TCLP Performed:

Concentration in: ug/L (ppb)

Date Leachate Analyzed: 10/15/92

Target Analyte	Sample Concentration	Method Reporting Limit
Benzene	ND	5
Carbon tetrachloride	ND	5
Chlorobenzene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1-Dichloroethylene	ND	5
Methylethylketone	ND	10
Tetrachloroethylene	ND	5
Trichloroethylene	ND	5
Vinyl chloride	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

SEMIVOLATILE ORGANIC ANALYSIS

EPA METHOD 8270

Client: Baker Environmental	Date Sampled: 10/12/92
Client Sample ID: 6-203-OSA-SB44-01	Date TCLP Performed: 10/20/92
Laboratory ID: 920573-10	Date Leachate Extracted: 10/27/92
Concentration in: ug/L (ppb)	Date Extract Analyzed: 11/27/92

Target Analyte	Sample Concentration	Method Reporting Limit
Pyridine	ND	10
2,4-Dinitrotoluene	ND	10
Hexachlorobenzene	ND	10
Hexachloro-1,3-butadiene	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Methylphenols (total)	ND	10
Pentachlorophenol	ND	25
2,4,5-Trichlorophenol	ND	25
2,4,6-Trichlorophenol	ND	10

ND = Not detected

Reported by: _____ Approved by: _____

Lab Name: CEIMIC CORP

Contract: BAKER ENVIR

6203SB4401

Code: CEIMIC

Case No.: 19133

SAS No.: _____

SDG No.: 620305

Matrix: (soil/water) WATER

Lab Sample ID: 920573-10

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____

Date Received: 10/13/92

Extraction: (SepF/Cont/Sonc) SEFF

Date Extracted: 10/20/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 11/06/92

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH: _____

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0

319-84-6	alpha-BHC	0.17	U
319-85-7	beta-BHC	0.17	U
319-86-8	delta-BHC	0.17	U
	gamma-BHC (Lindane)	0.17	U
	Heptachlor	0.17	U
	Aldrin	0.17	U
1024-57-3	Heptachlor epoxide	0.17	U
959-98-8	Endosulfan I	0.17	U
	Dieldrin	0.33	U
72-55-9	4,4'-DDE	0.33	U
	Endrin	0.33	U
33213-65-9	Endosulfan II	0.33	U
72-54-8	4,4'-DDD	0.33	U
1031-07-8	Endosulfan sulfate	0.33	U
	4,4'-DDT	0.33	U
72-43-5	Methoxychlor	1.7	U
53494-70-5	Endrin ketone	0.33	U
7421-36-3	Endrin aldehyde	0.33	U
5103-71-9	alpha-Chlordane	0.17	U
5103-74-2	gamma-Chlordane	0.17	U
8001-35-2	Toxaphene	17	U
12674-11-2	Aroclor-1016	3.3	U
11104-28-2	Aroclor-1221	6.7	U
11141-16-5	Aroclor-1232	3.3	U
53469-21-9	Aroclor-1242	3.3	U
12672-29-6	Aroclor-1248	3.3	U
11097-69-1	Aroclor-1254	3.3	U
11096-82-5	Aroclor-1260	3.3	U

INORGANIC ANALYSIS DATA SHEET

SAMPLE ID

SB4401

Lab Name: CEIMIC

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.: 6

SDG No.: 3800

Matrix (soil/water): WATER

Lab Sample ID: 01573-10S

Level (low/med): LOW

Date Received: 10/13/92

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	84.0	U		P
7440-39-2	Barium	145	B		P
7440-43-9	Cadmium	3.0	B		P
7440-47-3	Chromium	6.0	B		P
7439-92-1	Lead	45.0	U		P
7439-97-6	Mercury	0.04	U		A
7782-49-2	Selenium	92.0	U		P
7440-22-4	Silver	10.0	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-203-OSA-SB44-01

Laboratory ID: 920573-10

Date Sample Received: 10/13/92

Date Sample Prepared: 10/20/92

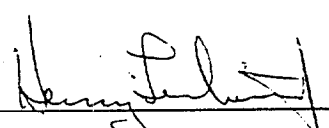
Date Sample Analyzed: 11/02/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: X. S.

Approved by: 

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-203-OSA-SB44-01

Laboratory ID: 920573-10

Date Sample Received: 10/13/92

Date Sampled: 10/12/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Flashpoint	NC	°F	200	10/21/92
Alkalinity (as CaCO ₃)	83	mg/kg (ppm)	20	10/24/92
Chloride	ND	mg/kg (ppm)	20	10/24/92
Fluoride	ND	mg/kg (ppm)	2	10/22/92
pH	8.16	S.U	---	10/20/92
Reactive Sulfide	ND	mg/kg (ppm)	2	10/17/92
Reactive Cyanide	ND	mg/kg (ppm)	0.5	10/17/92
Total Kjeldahl Nitrogen (as N)	ND	mg/kg (ppm)	50	10/20/92

NC = No combustion

ND = Not detected

+ Reported on an "as is" basis

Reported by: Jeffrey D. Mayman

Approved by: Genevieve Marsh

TOTAL ORGANIC CARBON (TOC)

Method 415.1/9060

Client: Baker Environmental

Project No.: 920573

Date Received: 10/15/92

Concentration in: mg/kg (ppm)

Client ID	Laboratory ID	Sample Concentration	Reporting Limit
6-203-OSA-SB44-01	920573-10	1,100	30

1816

Reported by: JJ

Approved by: Henry J. [Signature]

TOXICITY CHARACTERISTICS LEACHING PROCEDURE (TCLP)

VOLATILE ORGANICS TARGET ANALYTES

EPA Method 8240

Client: Baker Environmental

Client Sample ID: 6-GW28D-00

Date Sampled: 10/20/92

Laboratory ID: 920582-11

Date TCLP Performed: 10/23/92

Concentration in: ug/L (ppb)

Date Leachate Analyzed: 10/24/92

Target Analyte	Sample Concentration	Method Reporting Limit
Benzene	ND	5
Carbon tetrachloride	ND	5
Chlorobenzene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1-Dichloroethylene	ND	5
Methylethylketone	ND	10
Tetrachloroethylene	ND	5
Trichloroethylene	ND	5
Vinyl chloride	ND	10

ND = Not detected

Reported by: _____

Approved by: _____

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

6GW28D00

Lab Name: CEIMIC CORP Contract: BAKER
 Lab Code: CEIMIC Case No.: 19133 SAS No.: _____ SDG No.: 6GW101
 Matrix: (soil/water) WATER Lab Sample ID: 920582-11
 Sample wt/vol: 300.0 (g/mL) ML Lab File ID: AB930
 Level: (low/med) LOW Date Received: 10/22/92
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 11/06/92
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/08/92
 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	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
108-95-2	Phenol	33	IU
111-44-4	bis(2-Chloroethyl)Ether	33	IU
95-57-8	2-Chlorophenol	33	IU
541-73-1	1,3-Dichlorobenzene	33	IU
106-46-7	1,4-Dichlorobenzene	33	IU
95-50-1	1,2-Dichlorobenzene	33	IU
95-48-7	2-Methylphenol	33	IU
108-60-1	2,2'-oxybis(1-Chloropropane)	33	IU
106-44-5	4-Methylphenol	33	IU
621-64-7	N-Nitroso-Di-n-Propylamine	33	IU
67-72-1	Hexachloroethane	33	IU
98-95-3	Nitrobenzene	33	IU
78-59-1	Isophorone	33	IU
88-75-5	2-Nitrophenol	33	IU
105-67-9	2,4-Dimethylphenol	33	IU
111-91-1	bis(2-Chloroethoxy)Methane	33	IU
120-83-2	2,4-Dichlorophenol	33	IU
120-82-1	1,2,4-Trichlorobenzene	33	IU
91-20-3	Naphthalene	5	IJ
106-47-8	4-Chloroaniline	33	IU
87-68-3	Hexachlorobutadiene	33	IU
59-50-7	4-Chloro-3-Methylphenol	33	IU
91-57-6	2-Methylnaphthalene	170	I
77-47-4	Hexachlorocyclopentadiene	33	IU
88-06-2	2,4,6-Trichlorophenol	33	IU
95-95-4	2,4,5-Trichlorophenol	83	IU
91-58-7	2-Chloronaphthalene	33	IU
88-74-4	2-Nitroaniline	83	IU
131-11-3	Dimethyl Phthalate	33	IU
208-96-8	Acenaphthylene	33	IU
606-20-2	2,6-Dinitrotoluene	33	IU
99-09-2	3-Nitroaniline	83	IU
83-32-9	Acenaphthene	33	IU

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

66W28D00

Lab Name: CEIMIC CORP Contract: BAKER
 Lab Code: CEIMIC Case No.: 19133 SAS No.: _____ SDG No.: 66W101
 Matrix: (soil/water) WATER Lab Sample ID: 920582-11
 Sample wt/vol: 300.0 (g/mL) ML Lab File ID: AB930
 Level: (low/med) LOW Date Received: 10/22/92
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 11/06/92
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/08/92
 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	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
51-28-5	2,4-Dinitrophenol	83	IU
100-02-7	4-Nitrophenol	83	IU
132-64-9	Dibenzofuran	33	IU
121-14-2	2,4-Dinitrotoluene	5	IJ
84-66-2	Diethylphthalate	33	IU
7005-72-3	4-Chlorophenyl-phenylether	33	IU
86-73-7	Fluorene	33	IU
100-01-6	4-Nitroaniline	83	IU
534-52-1	4,6-Dinitro-2-Methylphenol	83	IU
86-30-6	N-Nitrosodiphenylamine (1)	33	IU
101-55-3	4-Bromophenyl-phenylether	33	IU
118-74-1	Hexachlorobenzene	33	IU
87-86-5	Pentachlorophenol	83	IU
85-01-8	Phenanthrene	33	IU
120-12-7	Anthracene	33	IU
84-74-2	Di-n-Butylphthalate	33	IU
206-44-0	Fluoranthene	33	IU
86-74-8	Carbazole	33	IU
129-00-0	Pyrene	33	IU
85-68-7	Butylbenzylphthalate	33	IU
91-94-1	3,3'-Dichlorobenzidine	33	IU
56-55-3	Benzo(a)Anthracene	33	IU
218-01-9	Chrysene	33	IU
117-81-7	bis(2-Ethylhexyl)Phthalate	33	IU
117-84-0	Di-n-Octyl Phthalate	33	IU
205-99-2	Benzo(b)Fluoranthene	33	IU
207-08-9	Benzo(k)Fluoranthene	33	IU
50-32-8	Benzo(a)Pyrene	33	IU
193-39-5	Indeno(1,2,3-cd)Pyrene	33	IU
53-70-3	Dibenzo(a,h)Anthracene	33	IU
191-24-2	Benzo(g,h,i)Perylene	33	IU

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

6GW28D00

Lab Name: CEIMIC CORP Contract: BAKER

Lab Code: CEIMIC Case No.: 19133 SAS No.: _____ SDG No.: 6GW101

Matrix: (soil/water) WATER Lab Sample ID: 920582-11

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: AB930

Level: (low/med) LOW Date Received: 10/22/92

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 11/06/92

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/08/92

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
=====	=====	=====	=====	=====

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

6GW28D00

Lab Name: CEIMIC CORP

Contract: BAKER

Lab Code: CEIMIC

Case No.: 19133

SAS No.:

SDG No.: 6GW101

Matrix: (soil/water) WATER

Lab Sample ID: 920582-11

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID:

% Moisture: decanted: (Y/N)

Date Received: 10/22/92

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 11/03/92

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 11/08/92

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
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58-89-9	gamma-BHC (Lindane)	0.171U	
76-44-8	Heptachlor	0.171U	
1024-57-3	Heptachlor epoxide	0.171U	
72-20-8	Endrin	0.331U	
72-43-5	Methoxychlor	1.71U	
5103-71-9	alpha-Chlordane	0.171U	
5103-74-2	gamma-Chlordane	0.171U	
8001-35-2	Toxaphene	17 U	

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

ORGANOCHLORINE HERBICIDES

EPA Method 8150

Client: Baker Environmental

Client ID: 6-GW28D-00

Laboratory ID: 920582-11

Date Sample Received: 10/22/92

Date Sample Prepared: 11/03/92

Date Sample Analyzed: 11/11/92

Concentration in: ug/L (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
2,4-D	ND	30
2,4,5-TP (Silvex)	ND	10

ND = Not detected

Reported by: X.S.

Approved by: Henry Liberty

1217

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-GW28D-00

Laboratory ID: 920582-11

Date Sample Received: 10/22/92

Date Sampled: 10/20/92

Target Analyte	Result	Units*	Method Reporting Limit	Date Analyzed
Alkalinity (as CaCO ₃)	43	mg/kg	20	11/05/92
Chloride	ND	mg/kg	20	11/05/92
Flashpoint	NC	°F	200	11/09/92
Fluoride	ND	mg/kg	2	11/04/92
pH	4.62	S.U.	---	10/31/92
Reactive Sulfide	ND	mg/kg	2	11/04/92 ⁺
Reactive Cyanide	ND	mg/kg	0.5	11/02/92
Total Kjeldahl Nitrogen (as N)	ND	mg/kg	50	11/11/92

NC = No combustion
 ND = Not detected

* Reported on a dry weight basis, % Solids = 92.4.

+ Analysis performed out of hold time.

Reported by: *R. L. Tuttle*

Approved by: *Christine Marsh*



BAKER ENVIRONMENTAL INC

6-B01 11-9-92 0845

WO #: A2162111
 LAB #: A2K120024-001
 MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
 TCLP EXTRACTION DATE: 11/17/92

 - - - - - TCLP VOLATILE ORGANICS - - - - -

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
Benzene	ND	0.005	SW846 8240	11/18/92	32303
Methyl ethyl ketone	ND	0.05	SW846 8240	11/18/92	32303
Carbon tetrachloride	ND	0.005	SW846 8240	11/18/92	32303
Chlorobenzene	ND	0.005	SW846 8240	11/18/92	32303
Chloroform	ND	0.005	SW846 8240	11/18/92	32303
1,2-Dichloroethane	ND	0.005	SW846 8240	11/18/92	32303
1,1-Dichloroethylene	ND	0.005	SW846 8240	11/18/92	3230
Tetrachlorethylene	ND	0.005	SW846 8240	11/18/92	3230
Trichloroethylene	ND	0.005	SW846 8240	11/18/92	3230
Vinyl chloride	ND	0.01	SW846 8240	11/18/92	3230

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
1,2-Dichloroethane-d4	86	(76 - 114)
Toluene-d8	101	(88 - 110)
Bromofluorobenzene	104	(86 - 115)

NOTE: AS RECEIVED
 ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B01 11-9-92 0845

WO #: A2162112
 LAB #: A2K120024-001
 MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
 TCLP EXTRACTION DATE: 11/17/92

----- TCLP SEMIVOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.04	SW846 8270	11/19-11/24/92	324013
2,4-Dinitrotoluene	ND	0.04	SW846 8270	11/19-11/24/92	324013
Hexachlorobenzene	ND	0.04	SW846 8270	11/19-11/24/92	324013
Hexachlorobutadiene	ND	0.04	SW846 8270	11/19-11/24/92	324013
Hexachloroethane	ND	0.04	SW846 8270	11/19-11/24/92	324013
Nitrobenzene	ND	0.04	SW846 8270	11/19-11/24/92	324013
Pentachlorophenol	ND	0.2	SW846 8270	11/19-11/24/92	324013
Pyridine	ND	0.04	SW846 8270	11/19-11/24/92	324013
2,4,5-Trichlorophenol	ND	0.04	SW846 8270	11/19-11/24/92	324013
2,4,6-Trichlorophenol	ND	0.04	SW846 8270	11/19-11/24/92	324013
Cresols, Total	ND	0.04	SW846 8270	11/19-11/24/92	324013

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Nitrobenzene-d5	89	(35 - 114)
2-Fluorobiphenyl	69	(43 - 116)
Terphenyl-d14	101	(33 - 141)
2-Fluorophenol	68	(21 - 100)
Phenol-d5	54	(10 - 94)
2,4,6-Tribromophenol	70	(10 - 123)

NOTE: AS RECEIVED
 ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B01 11-9-92 0845

WO #: A2162212
 LAB #: A2K120024-001
 MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
 TCLP EXTRACTION DATE: 11/17/92

----- TCLP SEMIVOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.04	SW846 8270	11/29-12/02/92	233400
2,4-Dinitrotoluene	ND	0.04	SW846 8270	11/29-12/02/92	233400
Hexachlorobenzene	ND	0.04	SW846 8270	11/29-12/02/92	233400
Hexachlorobutadiene	ND	0.04	SW846 8270	11/29-12/02/92	233400
Hexachloroethane	ND	0.04	SW846 8270	11/29-12/02/92	233400
Nitrobenzene	ND	0.04	SW846 8270	11/29-12/02/92	233400
Pentachlorophenol	ND	0.2	SW846 8270	11/29-12/02/92	233400
Pyridine	ND	0.04	SW846 8270	11/29-12/02/92	233400
2,4,5-Trichlorophenol	ND	0.04	SW846 8270	11/29-12/02/92	233400
2,4,6-Trichlorophenol	ND	0.04	SW846 8270	11/29-12/02/92	233400
Cresols, Total	ND	0.04	SW846 8270	11/29-12/02/92	233400

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Nitrobenzene-d5	96	(35 - 114)
2-Fluorobiphenyl	71	(43 - 116)
Terphenyl-d14	121	(33 - 141)
2-Fluorophenol	92	(21 - 100)
Phenol-d5	62	(10 - 94)
2,4,6-Tribromophenol	87	(10 - 123)

NOTE: AS RECEIVED
 ND : (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B01 11-9-92 0845

WO #: A2162110
 LAB #: A2K120024-001
 MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
 TCLP EXTRACTION DATE: 11/17/92

----- TCLP PESTICIDES -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
Lindane	ND	0.0001	SW846 8080	11/19-11/21/92	324011
Chlordane	ND	0.0005	SW846 8080	11/19-11/21/92	324011
Endrin	ND	0.0005	SW846 8080	11/19-11/21/92	324011
Heptachlor	ND	0.0001	SW846 8080	11/19-11/21/92	324011
Heptachlor epoxide	ND	0.0001	SW846 8080	11/19-11/21/92	324011
Methoxychlor	ND	0.001	SW846 8080	11/19-11/21/92	324011
Toxaphene	ND	0.005	SW846 8080	11/19-11/21/92	324011

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Dibutylchloroendate	62	(24 - 154)
Tetrachloro-m-xylene	63	(60 - 150)

NOTE: AS RECEIVED
 ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B01 11-9-92 0845

WO #: A2162109
LAB #: A2K120024-001
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92

----- REQUESTED PARAMETERS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> <u>(mg/L)</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
2,4-D	ND	0.5	SW846 8150	11/17-11/20/92	32205
2,4,5-TP(Silvex)	ND	0.1	SW846 8150	11/17-11/20/92	32205

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
2,4-DB	73	(48 - 131)

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B01 11-9-92 0845

WO #: A2162
 LAB #: A2K120024-001
 MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
 TCLP EXTRACTION DATE: 11/17/92
 FINAL PH: 6.4

----- RCRA METALS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
- - TCLP METALS - -						
Silver	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	32205
Arsenic	ND	0.5	mg/L	SW846 6010	11/17-12/04/92	32205
Barium	ND	1.0	mg/L	SW846 6010	11/17-12/04/92	32205
Cadmium	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	32205
Chromium	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	32205
Lead	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	32205
Selenium	ND	0.3	mg/L	SW846 6010	11/17-12/04/92	32205
Mercury	ND	0.02	mg/L	SW846 7471	11/17-11/18/92	32205

NOTE:

AS RECEIVED
 ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B01 11-9-92 0845

WO #: A2162
 LAB #: A2K120024-001
 MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

----- INORGANIC ANALYTICAL REPORT -----

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
		<u>LIMIT</u>	<u>UNIT</u>			
Flash Point Closed Cup	>180		deg F	SW846 1010	12/03/92	23380
pH Non-Aqueous	5		su	SW846 9045	11/12/92	31703
Cyanide, Reactive	ND	10	mg/kg	SW846 7.3.3.	11/13/92	32100
Sulfide, Reactive	ND	50	mg/kg	SW846 7.3.4.	11/13/92	32101
Solids, Total (TS)	1.2	0.5	%	USEPA 160.3	11/13-11/16/92	31802

NOTE: AS RECEIVED
 ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B02 11-9-92 0900

WO #: A2164111
 LAB #: A2K120024-002
 MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
 TCLP EXTRACTION DATE: 11/17/92

----- TCLP VOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BAT</u>
Benzene	ND	0.005	SW846 8240	11/18/92	3230:
Methyl ethyl ketone	ND	0.05	SW846 8240	11/18/92	3230:
Carbon tetrachloride	ND	0.005	SW846 8240	11/18/92	3230:
Chlorobenzene	ND	0.005	SW846 8240	11/18/92	3230:
Chloroform	ND	0.005	SW846 8240	11/18/92	3230:
1,2-Dichloroethane	ND	0.005	SW846 8240	11/18/92	3230:
1,1-Dichloroethylene	ND	0.005	SW846 8240	11/18/92	3230:
Tetrachlorethylene	ND	0.005	SW846 8240	11/18/92	3230:
Trichloroethylene	ND	0.005	SW846 8240	11/18/92	3230:
Vinyl chloride	ND	0.01	SW846 8240	11/18/92	3230:

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
1,2-Dichloroethane-d4	87	(76 - 114)
Toluene-d8	101	(88 - 110)
Bromofluorobenzene	102	(86 - 115)

NOTE: AS RECEIVED
 ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B02 11-9-92 0900

WO #: A2164112

LAB #: A2K120024-002

MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

TCLP EXTRACTION DATE: 11/17/92

----- TCLP SEMIVOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.04	SW846 8270	11/19-11/24/92	32401
2,4-Dinitrotoluene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Hexachlorobenzene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Hexachlorobutadiene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Hexachloroethane	ND	0.04	SW846 8270	11/19-11/24/92	32401
Nitrobenzene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Pentachlorophenol	ND	0.2	SW846 8270	11/19-11/24/92	32401
Pyridine	ND	0.04	SW846 8270	11/19-11/24/92	32401
2,4,5-Trichlorophenol	ND	0.04	SW846 8270	11/19-11/24/92	32401
2,4,6-Trichlorophenol	ND	0.04	SW846 8270	11/19-11/24/92	32401
Cresols, Total	ND	0.04	SW846 8270	11/19-11/24/92	32401

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Nitrobenzene-d5	84	(35 - 114)
2-Fluorobiphenyl	69	(43 - 116)
Terphenyl-d14	95	(33 - 141)
2-Fluorophenol	63	(21 - 100)
Phenol-d5	49	(10 - 94)
2,4,6-Tribromophenol	72	(10 - 123)

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B02 11-9-92 0900

WO #: A2164212
LAB #: A2K120024-002
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 12/01/92

----- TCLP SEMIVOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.04	SW846 8270	12/02-12/04/92	23370
2,4-Dinitrotoluene	ND	0.04	SW846 8270	12/02-12/04/92	23370
Hexachlorobenzene	ND	0.04	SW846 8270	12/02-12/04/92	23370
Hexachlorobutadiene	ND	0.04	SW846 8270	12/02-12/04/92	23370
Hexachloroethane	ND	0.04	SW846 8270	12/02-12/04/92	23370
Nitrobenzene	ND	0.04	SW846 8270	12/02-12/04/92	23370
Pentachlorophenol	ND	0.2	SW846 8270	12/02-12/04/92	23370
Pyridine	ND	0.04	SW846 8270	12/02-12/04/92	23370
2,4,5-Trichlorophenol	ND	0.04	SW846 8270	12/02-12/04/92	23370
2,4,6-Trichlorophenol	ND	0.04	SW846 8270	12/02-12/04/92	23370
Cresols, Total	ND	0.04	SW846 8270	12/02-12/04/92	23370

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Nitrobenzene-d5	105	(35 - 114)
2-Fluorobiphenyl	74	(43 - 116)
Terphenyl-d14	114	(33 - 141)
2-Fluorophenol	84	(21 - 100)
Phenol-d5	59	(10 - 94)
2,4,6-Tribromophenol	95	(10 - 123)

NOTE: AS RECEIVED
ND (NONE DETECTED)
INSUFFICIENT SAMPLE TO RE-EXTRACT.



BAKER ENVIRONMENTAL INC

6-B02 11-9-92 0900

WO #: A2164110
LAB #: A2K120024-002
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92

----- TCLP PESTICIDES -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
Lindane	ND	0.0001	SW846 8080	11/19-11/21/92	3240:
Chlordane	ND	0.0005	SW846 8080	11/19-11/21/92	3240:
Endrin	ND	0.0005	SW846 8080	11/19-11/21/92	3240:
Heptachlor	ND	0.0001	SW846 8080	11/19-11/21/92	3240:
Heptachlor epoxide	ND	0.0001	SW846 8080	11/19-11/21/92	3240:
Methoxychlor	ND	0.001	SW846 8080	11/19-11/21/92	3240:
Toxaphene	ND	0.005	SW846 8080	11/19-11/21/92	3240:

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Dibutylchloroendate	34	(24 - 154)
Tetrachloro-m-xylene	64	(60 - 150)

NOTE: AS RECEIVED
ND (NONE DETECTED)
UNKNOWN HYDROCARBON PATTERNS.



BAKER ENVIRONMENTAL INC

6-B02 11-9-92 0900

WO #: A2164109
 LAB #: A2K120024-002
 MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
 TCLP EXTRACTION DATE: 11/17/92

----- REQUESTED PARAMETERS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> <u>(mg/L)</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
2,4-D	ND	0.5	SW846 8150	11/17-11/20/92	32205
2,4,5-TP (Silvex)	ND	0.1	SW846 8150	11/17-11/20/92	32205

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
2,4-DB	68	(48 - 131)

NOTE: AS RECEIVED
 ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B02 11-9-92 0900

WO #: A2164
 LAB #: A2K120024-002
 MATRIX: SLUDGE

DATE RECEIVED: 11/12/9
 TCLP EXTRACTION DATE: 11/17/9
 FINAL PH:6.4

----- RCRA METALS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATC</u>
- - TCLP METALS - -						
Silver	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	3220
Arsenic	ND	0.5	mg/L	SW846 6010	11/17-12/04/92	3220
Barium	ND	1.0	mg/L	SW846 6010	11/17-12/04/92	3220
Cadmium	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	3220
Chromium	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	3220
Lead	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	3220
Selenium	ND	0.3	mg/L	SW846 6010	11/17-12/04/92	3220
Mercury	ND	0.02	mg/L	SW846 7471	11/17-11/18/92	3220

NOTE:

AS RECEIVED
 ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B02 11-9-92 0900

WO #: A2164
LAB #: A2K120024-002
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

----- INORGANIC ANALYTICAL REPORT -----

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION -</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
Flash Point Closed Cup	>180		deg F	SW846 1010	12/03/92	23380
pH Non-Aqueous	5		su	SW846 9045	11/12/92	31703
Cyanide, Reactive	ND	10	mg/kg	SW846 7.3.3.	11/13/92	32100
Sulfide, Reactive	ND	50	mg/kg	SW846 7.3.4.	11/13/92	32101
Solids, Total (TS)	ND	0.5	%	USEPA 160.3	11/13-11/16/92	31802

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B03 11-9-92 0915

WO #: A2166111
 LAB #: A2K120024-003
 MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
 TCLP EXTRACTION DATE: 11/17/92

----- TCLP VOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> <u>(mg/L)</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BA</u>
Benzene	ND	0.005	SW846 8240	11/18/92	3230
Methyl ethyl ketone	ND	0.05	SW846 8240	11/18/92	3230
Carbon tetrachloride	ND	0.005	SW846 8240	11/18/92	3230
Chlorobenzene	ND	0.005	SW846 8240	11/18/92	3230
Chloroform	ND	0.005	SW846 8240	11/18/92	3230
1,2-Dichloroethane	ND	0.005	SW846 8240	11/18/92	3230
1,1-Dichloroethylene	ND	0.005	SW846 8240	11/18/92	3230
Tetrachlorethylene	ND	0.005	SW846 8240	11/18/92	3230
Trichloroethylene	ND	0.005	SW846 8240	11/18/92	3230
Vinyl chloride	ND	0.01	SW846 8240	11/18/92	3230

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
1,2-Dichloroethane-d4	88	(76 - 114)
Toluene-d8	101	(88 - 110)
Bromofluorobenzene	103	(86 - 115)

NOTE: AS RECEIVED
 ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B03 11-9-92 0915

WO #: A2166112
LAB #: A2K120024-003
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92

----- TCLP SEMIVOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.04	SW846 8270	11/19-11/24/92	32401
2,4-Dinitrotoluene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Hexachlorobenzene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Hexachlorobutadiene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Hexachloroethane	ND	0.04	SW846 8270	11/19-11/24/92	32401
Nitrobenzene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Pentachlorophenol	ND	0.2	SW846 8270	11/19-11/24/92	32401
Pyridine	ND	0.04	SW846 8270	11/19-11/24/92	32401
2,4,5-Trichlorophenol	ND	0.04	SW846 8270	11/19-11/24/92	32401
2,4,6-Trichlorophenol	ND	0.04	SW846 8270	11/19-11/24/92	32401
Cresols, Total	ND	0.04	SW846 8270	11/19-11/24/92	32401

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Nitrobenzene-d5	83	(35 - 114)
2-Fluorobiphenyl	65	(43 - 116)
Terphenyl-d14	82	(33 - 141)
2-Fluorophenol	71	(21 - 100)
Phenol-d5	57	(10 - 94)
2,4,6-Tribromophenol	77	(10 - 123)

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B03 11-9-92 0915

WO #: A2166212
LAB #: A2K120024-003
MATRIX: SLUDGE

DATE RECEIVED: 11/12/9
TCLP EXTRACTION DATE: 12/01/9

----- TCLP SEMIVOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mc/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.04	SW846 8270	12/02-12/04/92	23370
2,4-Dinitrotoluene	ND	0.04	SW846 8270	12/02-12/04/92	23370
Hexachlorobenzene	ND	0.04	SW846 8270	12/02-12/04/92	23370
Hexachlorobutadiene	ND	0.04	SW846 8270	12/02-12/04/92	23370
Hexachloroethane	ND	0.04	SW846 8270	12/02-12/04/92	23370
Nitrobenzene	ND	0.04	SW846 8270	12/02-12/04/92	23370
Pentachlorophenol	ND	0.2	SW846 8270	12/02-12/04/92	23370
Pyridine	ND	0.04	SW846 8270	12/02-12/04/92	23370
2,4,5-Trichlorophenol	ND	0.04	SW846 8270	12/02-12/04/92	23370
2,4,6-Trichlorophenol	ND	0.04	SW846 8270	12/02-12/04/92	23370
Cresols, Total	ND	0.04	SW846 8270	12/02-12/04/92	23370

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Nitrobenzene-d5	107	(35 - 114)
2-Fluorobiphenyl	73	(43 - 116)
Terphenyl-d14	106	(33 - 141)
2-Fluorophenol	85	(21 - 100)
Phenol-d5	62	(10 - 94)
2,4,6-Tribromophenol	109	(10 - 123)

NOTE: AS RECEIVED
ND (NONE DETECTED)
INSUFFICIENT SAMPLE TO RE-EXTRACT.



BAKER ENVIRONMENTAL INC

6-B03 11-9-92 0915

WO #: A2166110
 LAB #: A2K120024-003
 MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
 TCLP EXTRACTION DATE: 11/17/92

----- TCLP PESTICIDES -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
Lindane	ND	0.0001	SW846 8080	11/19-11/21/92	3240
Chlordane	ND	0.0005	SW846 8080	11/19-11/21/92	3240
Endrin	ND	0.0005	SW846 8080	11/19-11/21/92	3240
Heptachlor	ND	0.0001	SW846 8080	11/19-11/21/92	3240
Heptachlor epoxide	ND	0.0001	SW846 8080	11/19-11/21/92	3240
Methoxychlor	ND	0.001	SW846 8080	11/19-11/21/92	3240
Toxaphene	ND	0.005	SW846 8080	11/19-11/21/92	3240

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Dibutylchloroendate	41	(24. - 154)
Tetrachloro-m-xylene	70	(60 - 150)

NOTE: AS RECEIVED
 ND (NONE DETECTED)
 UNKNOWN HYDROCARBON PATTERN.



BAKER ENVIRONMENTAL INC

6-B03 11-9-92 0915

WO #: A2166109

LAB #: A2K120024-003

MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

TCLP EXTRACTION DATE: 11/17/92

----- REQUESTED PARAMETERS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
2,4-D	ND	0.5	SW846 8150	11/17-11/20/92	32205
2,4,5-TP (Silvex)	ND	0.1	SW846 8150	11/17-11/20/92	32205

SURROGATE RECOVERY

%

ACCEPTABLE LIMITS

2,4-DB

33*

(48 - 131)

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B03 11-9-92 0915

WO #: A2166209

LAB #: A2K120024-003

MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

TCLP EXTRACTION DATE: 11/17/92

----- REQUESTED PARAMETERS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
2,4-D	ND	0.5	SW846 8150	11/23-11/25/92	32801
2,4,5-TP(Silvex)	ND	0.1	SW846 8150	11/23-11/25/92	32801

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
2,4-DB	55	(48 - 131)

NOTE: AS RECEIVED
ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B03 11-9-92 0915

WO #: A2166
LAB #: A2K120024-003
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92
FINAL PH: 6.5

----- RCRA METALS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
- - TCLP METALS - -						
Silver	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	32205
Arsenic	ND	0.5	mg/L	SW846 6010	11/17-12/04/92	32205
Barium	ND	1.0	mg/L	SW846 6010	11/17-12/04/92	32205
Cadmium	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	32205
Chromium	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	32205
Lead	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	32205
Selenium	ND	0.3	mg/L	SW846 6010	11/17-12/04/92	32205
Mercury	ND	0.02	mg/L	SW846 7471	11/17-11/18/92	32205

NOTE:

AS RECEIVED

ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B03 11-9-92 0915

WO #: A2166
LAB #: A2K120024-003
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

----- INORGANIC ANALYTICAL REPORT -----

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
Flash Point Closed Cup	>180		deg F	SW846 1010	12/03/92	23380
pH Non-Aqueous	6		su	SW846 9045	11/12/92	31703
Cyanide, Reactive	ND	10	mg/kg	SW846 7.3.3.	11/13/92	32100
Sulfide, Reactive	ND	50	mg/kg	SW846 7.3.4.	11/13/92	32101
Solids, Total (TS)	ND	0.5	%	USEPA 160.3	11/13-11/16/92	31802

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B04 11-9-92 0930

WO #: A2168111
LAB #: A2K120024-004
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92

----- TCLP VOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BAT</u>
Benzene	ND	0.005	SW846 8240	11/18/92	3230
Methyl ethyl ketone	ND	0.05	SW846 8240	11/18/92	3230
Carbon tetrachloride	ND	0.005	SW846 8240	11/18/92	3230
Chlorobenzene	ND	0.005	SW846 8240	11/18/92	3230
Chloroform	ND	0.005	SW846 8240	11/18/92	3230
1,2-Dichloroethane	ND	0.005	SW846 8240	11/18/92	3230
1,1-Dichloroethylene	ND	0.005	SW846 8240	11/18/92	3230
Tetrachlorethylene	ND	0.005	SW846 8240	11/18/92	3230
Trichloroethylene	ND	0.005	SW846 8240	11/18/92	3230
Vinyl chloride	ND	0.01	SW846 8240	11/18/92	3230

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
1,2-Dichloroethane-d4	89	(76 - 114)
Toluene-d8	101	(88 - 110)
Bromofluorobenzene	103	(86 - 115)

NOTE: AS RECEIVED
ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B04 11-9-92 0930

WO #: A2168112
LAB #: A2K120024-004
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92

----- TCLP SEMIVOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.04	SW846 8270	11/19-11/24/92	3240:
2,4-Dinitrotoluene	ND	0.04	SW846 8270	11/19-11/24/92	3240:
Hexachlorobenzene	ND	0.04	SW846 8270	11/19-11/24/92	3240:
Hexachlorobutadiene	ND	0.04	SW846 8270	11/19-11/24/92	3240:
Hexachloroethane	ND	0.04	SW846 8270	11/19-11/24/92	3240:
Nitrobenzene	ND	0.04	SW846 8270	11/19-11/24/92	3240:
Pentachlorophenol	ND	0.2	SW846 8270	11/19-11/24/92	3240:
Pyridine	ND	0.04	SW846 8270	11/19-11/24/92	3240:
2,4,5-Trichlorophenol	ND	0.04	SW846 8270	11/19-11/24/92	3240:
2,4,6-Trichlorophenol	ND	0.04	SW846 8270	11/19-11/24/92	3240:
Cresols, Total	ND	0.04	SW846 8270	11/19-11/24/92	3240:

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Nitrobenzene-d5	86	(35 - 114)
2-Fluorobiphenyl	64	(43 - 116)
Terphenyl-d14	117	(33 - 141)
2-Fluorophenol	73	(21 - 100)
Phenol-d5	58	(10 - 94)
2,4,6-Tribromophenol	82	(10 - 123)

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B04 11-9-92 0930

WO #: A2168212
 LAB #: A2K120024-004
 MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
 TCLP EXTRACTION DATE: 12/01/92

----- TCLP SEMIVOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (<u>mc/L</u>)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.04	SW846 8270	12/02-12/05/92	2337
2,4-Dinitrotoluene	ND	0.04	SW846 8270	12/02-12/05/92	2337
Hexachlorobenzene	ND	0.04	SW846 8270	12/02-12/05/92	2337
Hexachlorobutadiene	ND	0.04	SW846 8270	12/02-12/05/92	2337
Hexachloroethane	ND	0.04	SW846 8270	12/02-12/05/92	2337
Nitrobenzene	ND	0.04	SW846 8270	12/02-12/05/92	2337
Pentachlorophenol	0.01 J	0.2	SW846 8270	12/02-12/05/92	2337
Pyridine	ND	0.04	SW846 8270	12/02-12/05/92	2337
2,4,5-Trichlorophenol	ND	0.04	SW846 8270	12/02-12/05/92	2337
2,4,6-Trichlorophenol	ND	0.04	SW846 8270	12/02-12/05/92	2337
Cresols, Total	ND	0.04	SW846 8270	12/02-12/05/92	2337

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Nitrobenzene-d5	86	(35 - 114)
2-Fluorobiphenyl	60	(43 - 116)
Terphenyl-d14	83	(33 - 141)
2-Fluorophenol	90	(21 - 100)
Phenol-d5	63	(10 - 94)
2,4,6-Tribromophenol	96	(10 - 123)

NOTE: AS RECEIVED
 ND (NONE DETECTED)
 INSUFFICIENT SAMPLE TO RE-EXTRACT.
 J (DETECTED, BUT BELOW QUANTITATION LIMIT; ESTIMATED VALUE)



BAKER ENVIRONMENTAL INC

6-B04 11-9-92 0930

WO #: A2168110

LAB #: A2K120024-004

MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

TCLP EXTRACTION DATE: 11/17/92

----- TCLP PESTICIDES -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATC</u>
Lindane	ND	0.0001	SW846 8080	11/19-11/21/92	3240
Chlordane	ND	0.0005	SW846 8080	11/19-11/21/92	3240
Endrin	ND	0.0005	SW846 8080	11/19-11/21/92	3240
Heptachlor	ND	0.0001	SW846 8080	11/19-11/21/92	3240
Heptachlor epoxide	ND	0.0001	SW846 8080	11/19-11/21/92	3240
Methoxychlor	ND	0.001	SW846 8080	11/19-11/21/92	3240
Toxaphene	ND	0.005	SW846 8080	11/19-11/21/92	3240

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Dibutylchlorendate	51	(24 - 154)
Tetrachloro-m-xylene	60	(60 - 150)

NOTE: AS RECEIVED
ND (NONE DETECTED)
UNKNOWN HYDROCARBON PATTERN.



BAKER ENVIRONMENTAL INC

6-B04 11-9-92 0930

WO #: A2168
LAB #: A2K120024-004
MATRIX: SLUDGE

DATE RECEIVED: 11/12/9
TCLP EXTRACTION DATE: 11/17/9
FINAL PH:7.1

----- RCRA METALS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATC</u>
- - TCLP METALS - -						
Silver	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	3220
Arsenic	ND	0.5	mg/L	SW846 6010	11/17-12/04/92	3220
Barium	ND	1.0	mg/L	SW846 6010	11/17-12/04/92	3220
Cadmium	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	3220
Chromium	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	3220
Lead	1.3	0.1	mg/L	SW846 6010	11/17-12/04/92	3220
Selenium	ND	0.3	mg/L	SW846 6010	11/17-12/04/92	3220
Mercury	ND	0.02	mg/L	SW846 7471	11/17-11/18/92	3220

NOTE:

AS RECEIVED

ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B04 11-9-92 0930

WO #: A2168
LAB #: A2K120024-004
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

----- INORGANIC ANALYTICAL REPORT -----

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
Flash Point Closed Cup	>180		deg F	SW846 1010	12/03/92	233803
pH Non-Aqueous	6		su	SW846 9045	11/12/92	317036
Cyanide, Reactive	ND	10	mg/kg	SW846 7.3.3.	11/13/92	321009
Sulfide, Reactive	ND	50	mg/kg	SW846 7.3.4.	11/13/92	321013
Solids, Total (TS)	ND	0.5	%	USEPA 160.3	11/13-11/16/92	318029

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B05 11-9-92 0945

WO #: A2171111
LAB #: A2K120024-005
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92

----- TCLP VOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> <u>(mg/L)</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BAT</u>
Benzene	ND	0.005	SW846 8240	11/18/92	3230
Methyl ethyl ketone	ND	0.05	SW846 8240	11/18/92	3230
Carbon tetrachloride	ND	0.005	SW846 8240	11/18/92	3230
Chlorobenzene	ND	0.005	SW846 8240	11/18/92	3230
Chloroform	ND	0.005	SW846 8240	11/18/92	3230
1,2-Dichloroethane	ND	0.005	SW846 8240	11/18/92	3230
1,1-Dichloroethylene	ND	0.005	SW846 8240	11/18/92	3230
Tetrachlorethylene	ND	0.005	SW846 8240	11/18/92	3230
Trichloroethylene	ND	0.005	SW846 8240	11/18/92	3230
Vinyl chloride	ND	0.01	SW846 8240	11/18/92	3230

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
1,2-Dichloroethane-d4	95	(76 - 114)
Toluene-d8	102	(88 - 110)
Bromofluorobenzene	102	(86 - 115)

NOTE: AS RECEIVED
ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B05 11-9-92 0945

WO #: A2171112
LAB #: A2K120024-005
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92

TCLP SEMIVOLATILE ORGANICS

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.4	SW846 8270	11/19-11/25/92	324013
2,4-Dinitrotoluene	ND	0.4	SW846 8270	11/19-11/25/92	324013
Hexachlorobenzene	ND	0.4	SW846 8270	11/19-11/25/92	324013
Hexachlorobutadiene	ND	0.4	SW846 8270	11/19-11/25/92	324013
Hexachloroethane	ND	0.4	SW846 8270	11/19-11/25/92	324013
Nitrobenzene	ND	0.4	SW846 8270	11/19-11/25/92	324013
Pentachlorophenol	ND	2.0	SW846 8270	11/19-11/25/92	324013
Pyridine	ND	0.4	SW846 8270	11/19-11/25/92	324013
2,4,5-Trichlorophenol	ND	0.4	SW846 8270	11/19-11/25/92	324013
2,4,6-Trichlorophenol	ND	0.4	SW846 8270	11/19-11/25/92	324013
Cresols, Total	ND	0.4	SW846 8270	11/19-11/25/92	324013

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Nitrobenzene-d5	DIL	(35 - 114)
2-Fluorobiphenyl	DIL	(43 - 116)
Terphenyl-d14	DIL	(33 - 141)
2-Fluorophenol	DIL	(21 - 100)
Phenol-d5	DIL	(10 - 94)
2,4,6-Tribromophenol	DIL	(10 - 123)

NOTE: AS RECEIVED
ND (NONE DETECTED)
ELEVATED DETECTION LIMITS DUE TO TICS.



BAKER ENVIRONMENTAL INC

6-B05 11-9-92 0945

WO #: A2171212

LAB #: A2K120024-005

MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

TCLP EXTRACTION DATE: 11/17/92

----- TCLP SEMIVOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	1.2	SW846 8270	11/29-12/02/92	23340
2,4-Dinitrotoluene	ND	1.2	SW846 8270	11/29-12/02/92	23340
Hexachlorobenzene	ND	1.2	SW846 8270	11/29-12/02/92	23340
Hexachlorobutadiene	ND	1.2	SW846 8270	11/29-12/02/92	23340
Hexachloroethane	ND	1.2	SW846 8270	11/29-12/02/92	23340
Nitrobenzene	ND	1.2	SW846 8270	11/29-12/02/92	23340
Pentachlorophenol	ND	6.0	SW846 8270	11/29-12/02/92	23340
Pyridine	ND	1.2	SW846 8270	11/29-12/02/92	23340
2,4,5-Trichlorophenol	ND	1.2	SW846 8270	11/29-12/02/92	23340
2,4,6-Trichlorophenol	ND	1.2	SW846 8270	11/29-12/02/92	23340
Cresols, Total	ND	1.2	SW846 8270	11/29-12/02/92	23340

SURROGATE RECOVERY

%

ACCEPTABLE LIMITS

Nitrobenzene-d5	DIL	(35 - 114)
2-Fluorobiphenyl	DIL	(43 - 116)
Terphenyl-d14	DIL	(33 - 141)
2-Fluorophenol	DIL	(21 - 100)
Phenol-d5	DIL	(10 - 94)
2,4,6-Tribromophenol	DIL	(10 - 123)

NOTE: AS RECEIVED

ND (NONE DETECTED)

ELEVATED DETECTION LIMITS DUE TO TICS.



BAKER ENVIRONMENTAL INC

6-B05 11-9-92 0945

WO #: A2171110
LAB #: A2K120024-005
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92

----- TCLP PESTICIDES -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (<u>mc/L</u>)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
Lindane	ND	0.0001	SW846 8080	11/19-11/21/92	32401:
Chlordane	ND	0.0006	SW846 8080	11/19-11/21/92	32401:
Endrin	ND	0.0005	SW846 8080	11/19-11/21/92	32401:
Heptachlor	ND	0.0001	SW846 8080	11/19-11/21/92	32401:
Heptachlor epoxide	ND	0.0001	SW846 8080	11/19-11/21/92	32401:
Methoxychlor	ND	0.001	SW846 8080	11/19-11/21/92	32401:
Toxaphene	ND	0.006	SW846 8080	11/19-11/21/92	32401:

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Dibutylchloroendate	26	(24 - 154)
Tetrachloro-m-xylene	22*	(60 - 150)

NOTE: AS RECEIVED
ND (NONE DETECTED)
UNKNOWN HYDROCARBON PEAKS. ELEVATED DETECTION LIMITS DUE TO MATRIX INTERFERENCE.



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B05 11-9-92 0945

WO #: A2171109
LAB #: A2K120024-005
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92

----- REQUESTED PARAMETERS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
2,4-D	ND	0.5	SW846 8150	11/17-11/20/92	32205
2,4,5-TP(Silvex)	ND	0.1	SW846 8150	11/17-11/20/92	32205

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
2,4-DB	93	(48 - 131)

NOTE: AS RECEIVED
ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B05 11-9-92 0945

WO #: A2171
LAB #: A2K120024-005
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92
FINAL PH: 4.9

----- RCRA METALS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
- - TCLP METALS - -						
Silver	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	322053
Arsenic	ND	0.5	mg/L	SW846 6010	11/17-12/04/92	322053
Barium	ND	1.0	mg/L	SW846 6010	11/17-12/04/92	322053
Cadmium	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	322053
Chromium	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	322053
Lead	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	322053
Selenium	ND	0.3	mg/L	SW846 6010	11/17-12/04/92	322053
Mercury	ND	0.02	mg/L	SW846 7471	11/17-11/18/92	322053

NOTE:

AS RECEIVED
ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B05 11-9-92 0945

WO #: A2171
LAB #: A2K120024-005
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

----- INORGANIC ANALYTICAL REPORT -----

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
Flash Point Closed Cup	>180		deg F	SW846 1010	12/03/92	23380
pH Non-Aqueous	4		su	SW846 9045	11/12/92	31703
Cyanide, Reactive	ND	10	mg/kg	SW846 7.3.3.	11/13/92	32100
Sulfide, Reactive	ND	50	mg/kg	SW846 7.3.4.	11/13/92	32101
Solids, Total (TS)	78	0.5	%	USEPA 160.3	11/13-11/16/92	31802

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B07 11-9-92 1400

WO #: A2173111
LAB #: A2K120024-006
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92

----- TCLP VOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
Benzene	ND	0.01	SW846 8240	11/18/92	323033
Methyl ethyl ketone	ND	0.1	SW846 8240	11/18/92	323033
Carbon tetrachloride	ND	0.01	SW846 8240	11/18/92	323033
Chlorobenzene	ND	0.01	SW846 8240	11/18/92	323033
Chloroform	ND	0.01	SW846 8240	11/18/92	323033
1,2-Dichloroethane	ND	0.01	SW846 8240	11/18/92	323033
1,1-Dichloroethylene	ND	0.01	SW846 8240	11/18/92	323033
Tetrachlorethylene	ND	0.01	SW846 8240	11/18/92	323033
Trichloroethylene	ND	0.01	SW846 8240	11/18/92	323033
Vinyl chloride	ND	0.02	SW846 8240	11/18/92	323033

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
1,2-Dichloroethane-d4	88	(76 - 114)
Toluene-d8	99	(88 - 110)
Bromofluorobenzene	99	(86 - 115)

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B07 11-9-92 1400

WO #: A2173112
LAB #: A2K120024-006
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92

----- TCLP SEMIVOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.04	SW846 8270	11/19-11/24/92	32401
2,4-Dinitrotoluene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Hexachlorobenzene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Hexachlorobutadiene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Hexachloroethane	ND	0.04	SW846 8270	11/19-11/24/92	32401
Nitrobenzene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Pentachlorophenol	ND	0.2	SW846 8270	11/19-11/24/92	32401
Pyridine	ND	0.04	SW846 8270	11/19-11/24/92	32401
2,4,5-Trichlorophenol	ND	0.04	SW846 8270	11/19-11/24/92	32401
2,4,6-Trichlorophenol	ND	0.04	SW846 8270	11/19-11/24/92	32401
Cresols, Total	0.06	0.04	SW846 8270	11/19-11/24/92	32401

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Nitrobenzene-d5	94	(35 - 114)
2-Fluorobiphenyl	72	(43 - 116)
Terphenyl-d14	78	(33 - 141)
2-Fluorophenol	74	(21 - 100)
Phenol-d5	60	(10 - 94)
2,4,6-Tribromophenol	80	(10 - 123)

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B07 11-9-92 1400

WO #: A2173212

LAB #: A2K120024-006

MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

TCLP EXTRACTION DATE: 11/17/92

TCLP SEMIVOLATILE ORGANICS

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.04	SW846 8270	11/29-12/02/92	23340
2,4-Dinitrotoluene	ND	0.04	SW846 8270	11/29-12/02/92	23340
Hexachlorobenzene	ND	0.04	SW846 8270	11/29-12/02/92	23340
Hexachlorobutadiene	ND	0.04	SW846 8270	11/29-12/02/92	23340
Hexachloroethane	ND	0.04	SW846 8270	11/29-12/02/92	23340
Nitrobenzene	ND	0.04	SW846 8270	11/29-12/02/92	23340
Pentachlorophenol	ND	0.2	SW846 8270	11/29-12/02/92	23340
Pyridine	ND	0.04	SW846 8270	11/29-12/02/92	23340
2,4,5-Trichlorophenol	ND	0.04	SW846 8270	11/29-12/02/92	23340
2,4,6-Trichlorophenol	ND	0.04	SW846 8270	11/29-12/02/92	23340
Cresols, Total	0.05	0.04	SW846 8270	11/29-12/02/92	23340

SURROGATE RECOVERY

%

ACCEPTABLE LIMITS

Nitrobenzene-d5	95	(35 - 114)
2-Fluorobiphenyl	81	(43 - 116)
Terphenyl-d14	105	(33 - 141)
2-Fluorophenol	99	(21 - 100)
Phenol-d5	66	(10 - 94)
2,4,6-Tribromophenol	115	(10 - 123)

NOTE: AS RECEIVED

ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B07 11-9-92 1400

WO #: A2173110

LAB #: A2K120024-006

MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

TCLP EXTRACTION DATE: 11/17/92

----- TCLP PESTICIDES -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
Lindane	ND	0.0006	SW846 8080	11/19-11/24/92	32401
Chlordane	ND	0.003	SW846 8080	11/19-11/24/92	32401
Endrin	ND	0.001	SW846 8080	11/19-11/24/92	32401
Heptachlor	ND	0.0006	SW846 8080	11/19-11/24/92	32401
Heptachlor epoxide	ND	0.0006	SW846 8080	11/19-11/24/92	32401
Methoxychlor	ND	0.006	SW846 8080	11/19-11/24/92	32401
Toxaphene	ND	0.03	SW846 8080	11/19-11/24/92	32401

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Dibutylchloroendate	81	(24 - 154)
Tetrachloro-m-xylene	64	(60 - 150)

NOTE: AS RECEIVED
ND (NONE DETECTED)
ELEVATED DETECTION LIMITS DUE TO MATRIX INTERFERENCE.



BAKER ENVIRONMENTAL INC

6-B07 11-9-92 1400

WO #: A2173109
LAB #: A2K120024-006
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92

----- REQUESTED PARAMETERS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
2,4-D	ND	0.5	SW846 8150	11/17-11/20/92	32205
2,4,5-TP(Silvex)	ND	0.1	SW846 8150	11/17-11/20/92	32205

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
2,4-DB	MI	(48 - 131)

NOTE: AS RECEIVED
ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B07 11-9-92 1400

WO #: A2173
LAB #: A2K120024-006
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92
FINAL PH:5.0

----- RCRA METALS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
- - TCLP METALS - -						
Silver	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	32205
Arsenic	ND	0.5	mg/L	SW846 6010	11/17-12/04/92	32205
Barium	1.5	1.0	mg/L	SW846 6010	11/17-12/04/92	32205
Cadmium	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	32205
Chromium	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	32205
Lead	0.2	0.1	mg/L	SW846 6010	11/17-12/04/92	32205
Selenium	ND	0.3	mg/L	SW846 6010	11/17-12/08/92	32205
Mercury	ND	0.02	mg/L	SW846 7471	11/17-11/18/92	32205

NOTE:

AS RECEIVED

ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B07 11-9-92 1400

WO #: A2173
LAB #: A2K120024-006
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

----- INORGANIC ANALYTICAL REPORT -----

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
Flash Point Closed Cup	>180		deg F	SW846 1010	12/03/92	23380
pH Non-Aqueous	4		su	SW846 9045	11/12/92	31703
Cyanide, Reactive	ND	10	mg/kg	SW846 7.3.3.	11/16/92	32103
Sulfide, Reactive	ND	50	mg/kg	SW846 7.3.4.	11/16/92	32103
Solids, Total (TS)	99	0.5	%	USEPA 160.3	11/13-11/16/92	31802

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B11 11-9-92 1600

WO #: A2175111
LAB #: A2K120024-007
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92

----- TCLP VOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATN</u>
Benzene	ND	0.005	SW846 8240	11/18/92	32301
Methyl ethyl ketone	ND	0.05	SW846 8240	11/18/92	32301
Carbon tetrachloride	ND	0.005	SW846 8240	11/18/92	32301
Chlorobenzene	ND	0.005	SW846 8240	11/18/92	32301
Chloroform	ND	0.005	SW846 8240	11/18/92	32301
1,2-Dichloroethane	ND	0.005	SW846 8240	11/18/92	32301
1,1-Dichloroethylene	ND	0.005	SW846 8240	11/18/92	32301
Tetrachlorethylene	ND	0.005	SW846 8240	11/18/92	32301
Trichloroethylene	ND	0.005	SW846 8240	11/18/92	32301
Vinyl chloride	ND	0.01	SW846 8240	11/18/92	32301

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
1,2-Dichloroethane-d4	91	(76 - 114)
Toluene-d8	100	(88 - 110)
Bromofluorobenzene	101	(86 - 115)

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B11 11-9-92 1600

WO #: A2175114
LAB #: A2K120024-007
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92

----- TCLP SEMIVOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.04	SW846 8270	11/19-11/24/92	32401
2,4-Dinitrotoluene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Hexachlorobenzene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Hexachlorobutadiene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Hexachloroethane	ND	0.04	SW846 8270	11/19-11/24/92	32401
Nitrobenzene	ND	0.04	SW846 8270	11/19-11/24/92	32401
Pentachlorophenol	ND	0.2	SW846 8270	11/19-11/24/92	32401
Pyridine	ND	0.04	SW846 8270	11/19-11/24/92	32401
2,4,5-Trichlorophenol	ND	0.04	SW846 8270	11/19-11/24/92	32401
2,4,6-Trichlorophenol	ND	0.04	SW846 8270	11/19-11/24/92	32401
Cresols, Total	ND	0.04	SW846 8270	11/19-11/24/92	32401

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Nitrobenzene-d5	78	(35 - 114)
2-Fluorobiphenyl	62	(43 - 116)
Terphenyl-d14	90	(33 - 141)
2-Fluorophenol	75	(21 - 100)
Phenol-d5	58	(10 - 94)
2,4,6-Tribromophenol	70	(10 - 123)

NOTE: AS RECEIVED
ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B11 11-9-92 1600

WO #: A2175214

LAB #: A2K120024-007

MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

TCLP EXTRACTION DATE: 11/17/92

----- TCLP SEMIVOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.04	SW846 8270	11/29-12/02/92	233400
2,4-Dinitrotoluene	ND	0.04	SW846 8270	11/29-12/02/92	233400
Hexachlorobenzene	ND	0.04	SW846 8270	11/29-12/02/92	233400
Hexachlorobutadiene	ND	0.04	SW846 8270	11/29-12/02/92	233400
Hexachloroethane	ND	0.04	SW846 8270	11/29-12/02/92	233400
Nitrobenzene	ND	0.04	SW846 8270	11/29-12/02/92	233400
Pentachlorophenol	ND	0.2	SW846 8270	11/29-12/02/92	233400
Pyridine	ND	0.04	SW846 8270	11/29-12/02/92	233400
2,4,5-Trichlorophenol	ND	0.04	SW846 8270	11/29-12/02/92	233400
2,4,6-Trichlorophenol	ND	0.04	SW846 8270	11/29-12/02/92	233400
Cresols, Total	ND	0.04	SW846 8270	11/29-12/02/92	233400

SURROGATE RECOVERY

%

ACCEPTABLE LIMITS

Nitrobenzene-d5	104	(35 - 114)
2-Fluorobiphenyl	77	(43 - 116)
Terphenyl-d14	116	(33 - 141)
2-Fluorophenol	99	(21 - 100)
Phenol-d5	65	(10 - 94)
2,4,6-Tribromophenol	93	(10 - 123)

NOTE: AS RECEIVED

ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B11 11-9-92 1600

WO #: A2175110
LAB #: A2K120024-007
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92

----- TCLP PESTICIDES -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
Lindane	ND	0.0001	SW846 8080	11/19-11/21/92	32401
Chlordane	ND	0.0005	SW846 8080	11/19-11/21/92	32401
Endrin	ND	0.0005	SW846 8080	11/19-11/21/92	32401
Heptachlor	ND	0.0001	SW846 8080	11/19-11/21/92	32401
Heptachlor epoxide	ND	0.0001	SW846 8080	11/19-11/21/92	32401
Methoxychlor	ND	0.001	SW846 8080	11/19-11/21/92	32401
Toxaphene	ND	0.005	SW846 8080	11/19-11/21/92	32401

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Dibutylchloroendate	61	(24 - 154)
Tetrachloro-m-xylene	64	(60 - 150)

NOTE: AS RECEIVED
ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B11 11-9-92 1600

WO #: A2175109

LAB #: A2K120024-007

MATRIX: SLUDGE

DATE RECEIVED: 11/12/92

TCLP EXTRACTION DATE: 11/17/92

----- REQUESTED PARAMETERS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
2,4-D	ND	0.5	SW846 8150	11/17-11/20/92	32205
2,4,5-TP(Silvex)	ND	0.1	SW846 8150	11/17-11/20/92	32205

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
2,4-DB	83	(48 - 131)

NOTE: AS RECEIVED
ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B11 11-9-92 1600

WO #: A2175
LAB #: A2K120024-007
MATRIX: SLUDGE

DATE RECEIVED: 11/12/92
TCLP EXTRACTION DATE: 11/17/92
FINAL PH: 3.8

----- RCRA METALS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
- - TCLP METALS - -						
Silver	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	322053
Arsenic	ND	0.5	mg/L	SW846 6010	11/17-12/04/92	322053
Barium	ND	1.0	mg/L	SW846 6010	11/17-12/04/92	322053
Cadmium	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	322053
Chromium	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	322053
Lead	ND	0.1	mg/L	SW846 6010	11/17-12/04/92	322053
Selenium	ND	0.3	mg/L	SW846 6010	11/17-12/08/92	322053
Mercury	ND	0.02	mg/L	SW846 7471	11/17-11/18/92	322053

NOTE:

AS RECEIVED
ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B11 11-9-92 1600

WO #: A2175

LAB #: A2K120024-007

DATE RECEIVED: 11/12/92

MATRIX: SLUDGE

----- INORGANIC ANALYTICAL REPORT -----

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
Flash Point Closed Cup	>180		deg F	SW846 1010	12/03/92	23380
pH Non-Aqueous	3		su	SW846 9045	11/12/92	31703
Cyanide, Reactive	ND	10	mg/kg	SW846 7.3.3.	11/16/92	32103
Sulfide, Reactive	ND	50	mg/kg	SW846 7.3.4.	11/16/92	32103
Solids, Total (TS)	66	0.5	%	USEPA 160.3	11/13-11/16/92	31802

NOTE: AS RECEIVED

ND. (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B08 11-9-92 1430

WO #: A1968111
LAB #: A2K110027-001
MATRIX: SLUDGE

DATE RECEIVED: 11/11/92
TCLP EXTRACTION DATE: 11/13/92

----- TCLP VOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATC</u>
Benzene	ND	2.5	SW846 8240	11/16/92	32104
Methyl ethyl ketone	59	25	SW846 8240	11/16/92	32104
Carbon tetrachloride	ND	2.5	SW846 8240	11/16/92	32104
Chlorobenzene	ND	2.5	SW846 8240	11/16/92	32104
Chloroform	ND	2.5	SW846 8240	11/16/92	32104
1,2-Dichloroethane	ND	2.5	SW846 8240	11/16/92	32104
1,1-Dichloroethene	ND	2.5	SW846 8240	11/16/92	32104
Tetrachloroethene	ND	2.5	SW846 8240	11/16/92	32104
Trichloroethene	ND	2.5	SW846 8240	11/16/92	32104
Vinyl chloride	ND	5	SW846 8240	11/16/92	32104

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
1,2-Dichloroethane-d4	95	(76 - 114)
Toluene-d8	99	(88 - 110)
Bromofluorobenzene	102	(86 - 115)

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B08 11-9-92 1430

WO #: A1968112

LAB #: A2K110027-001

MATRIX: SLUDGE

DATE RECEIVED: 11/11/92

TCLP EXTRACTION DATE: 11/13/92

TCLP SEMIVOLATILE ORGANICS

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.04	SW846 8270	11/16-11/20/92	321028
2,4-Dinitrotoluene	ND	0.04	SW846 8270	11/16-11/20/92	321028
Hexachlorobenzene	ND	0.04	SW846 8270	11/16-11/20/92	321028
Hexachlorobutadiene	ND	0.04	SW846 8270	11/16-11/20/92	321028
Hexachloroethane	ND	0.04	SW846 8270	11/16-11/20/92	321028
Nitrobenzene	ND	0.04	SW846 8270	11/16-11/20/92	321028
Pentachlorophenol	ND	0.2	SW846 8270	11/16-11/20/92	321028
Pyridine	ND	0.04	SW846 8270	11/16-11/20/92	321028
2,4,5-Trichlorophenol	ND	0.04	SW846 8270	11/16-11/20/92	321028
2,4,6-Trichlorophenol	ND	0.04	SW846 8270	11/16-11/20/92	321028
Cresols, Total	ND	0.04	SW846 8270	11/16-11/20/92	321028

SURROGATE RECOVERY

%

ACCEPTABLE LIMITS

Nitrobenzene-d5	79	(35 - 114)
2-Fluorobiphenyl	68	(43 - 116)
Terphenyl-d14	102	(33 - 141)
2-Fluorophenol	76	(21 - 100)
Phenol-d5	67	(10 - 94)
2,4,6-Tribromophenol	86	(10 - 123)

NOTE: AS RECEIVED

ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B08 11-9-92 1430

WO #: A1968110

LAB #: A2K110027-001

MATRIX: SLUDGE

DATE RECEIVED: 11/11/92

TCLP EXTRACTION DATE: 11/13/92

- - - - - TCLP PESTICIDES - - - - -

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
gamma-BHC (Lindane)	ND	0.0001	SW846 8080	11/16-11/20/92	32102
Chlordane	ND	0.0005	SW846 8080	11/16-11/20/92	32102
Endrin	ND	0.0005	SW846 8080	11/16-11/20/92	32102
Heptachlor	ND	0.0001	SW846 8080	11/16-11/20/92	32102
Heptachlor epoxide	ND	0.0001	SW846 8080	11/16-11/20/92	32102
Methoxychlor	ND	0.001	SW846 8080	11/16-11/20/92	32102
Toxaphene	ND	0.005	SW846 8080	11/16-11/20/92	32102

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Dibutylchloroendate	63	(24 - 154)
Tetrachloro-m-xylene	64	(60 - 150)

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B08 11-9-92 1430

WO #: A1968109

LAB #: A2K110027-001

MATRIX: SLUDGE

DATE RECEIVED: 11/11/92

TCLP EXTRACTION DATE: 11/13/92

----- REQUESTED PARAMETERS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (<u>mc/L</u>)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BAT</u>
2,4-D	ND	0.5	SW846 8150	11/14-11/16/92	3190
2,4,5-TP (Silvex)	ND	0.1	SW846 8150	11/14-11/16/92	3190

SURROGATE RECOVERY

%

ACCEPTABLE LIMITS

2,4-DB

80

(48 - 131)

NOTE: AS RECEIVED

ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B08 11-9-92 1430

WO #: A1968
LAB #: A2K110027-001
MATRIX: SLUDGE

DATE RECEIVED: 11/11/92
TCLP EXTRACTION DATE: 11/13/92
FINAL PH:5.0

----- RCRA METALS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
- - TCLP METALS - -						
Silver	ND	0.1	mg/L	SW846 6010	11/13-11/19/92	31803
Arsenic	ND	0.5	mg/L	SW846 6010	11/13-11/19/92	31803
Barium	ND	1.0	mg/L	SW846 6010	11/13-11/19/92	31803
Cadmium	ND	0.1	mg/L	SW846 6010	11/13-11/19/92	31803
Chromium	ND	0.1	mg/L	SW846 6010	11/13-11/19/92	31803
Lead	ND	0.1	mg/L	SW846 6010	11/13-11/19/92	31803
Selenium	ND	0.3	mg/L	SW846 6010	11/13-11/19/92	31803
Mercury	ND	0.02	mg/L	SW846 7471	11/13-11/18/92	31803

NOTE:

AS RECEIVED
ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B08 11-9-92 1430

WO #: A1968
LAB #: A2K110027-001
MATRIX: SLUDGE

DATE RECEIVED: 11/11/92

----- INORGANIC ANALYTICAL REPORT -----

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>			<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
		<u>LIMIT</u>	<u>UNIT</u>				
Flash Point Closed Cup	DNF		deg F	SW846 1010	12/03/92	233803	
pH Non-Aqueous	5		su	SW846 9045	11/11/92	316057	
Cyanide, Reactive	ND	10	mg/kg	SW846 7.3.3.	11/13/92	321009	
Sulfide, Reactive	ND	50	mg/kg	SW846 7.3.4.	11/13/92	321013	
Solids, Total (TS)	80	0.5	%	USEPA 160.3	11/13-11/16/92	318029	

NOTE: AS RECEIVED

ND (NONE DETECTED)

DOES NOT FLASH, BUNRS AT 140 DEG F.



BAKER ENVIRONMENTAL INC

6-B09 11-9-92 1500

WO #: A1970111
LAB #: A2K110027-002
MATRIX: SLUDGE

DATE RECEIVED: 11/11/92
TCLP EXTRACTION DATE: 11/13/92

----- TCLP VOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
Benzene	ND	0.005	SW846 8240	11/16/92	32104
Methyl ethyl ketone	ND	0.05	SW846 8240	11/16/92	32104
Carbon tetrachloride	ND	0.005	SW846 8240	11/16/92	32104
Chlorobenzene	ND	0.005	SW846 8240	11/16/92	32104
Chloroform	ND	0.005	SW846 8240	11/16/92	32104
1,2-Dichloroethane	ND	0.005	SW846 8240	11/16/92	32104
1,1-Dichloroethene	ND	0.005	SW846 8240	11/16/92	32104
Tetrachloroethene	ND	0.005	SW846 8240	11/16/92	32104
Trichloroethene	ND	0.005	SW846 8240	11/16/92	32104
Vinyl chloride	ND	0.01	SW846 8240	11/16/92	32104

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
1,2-Dichloroethane-d4	102	(76 - 114)
Toluene-d8	100	(88 - 110)
Bromofluorobenzene	100	(86 - 115)

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B09 11-9-92 1500

WO #: A1970112
LAB #: A2K110027-002
MATRIX: SLUDGE

DATE RECEIVED: 11/11/92
TCLP EXTRACTION DATE: 11/13/92

TCLP SEMIVOLATILE ORGANICS

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mc/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.04	SW846 8270	11/16-11/19/92	321030
2,4-Dinitrotoluene	ND	0.04	SW846 8270	11/16-11/19/92	321030
Hexachlorobenzene	ND	0.04	SW846 8270	11/16-11/19/92	321030
Hexachlorobutadiene	ND	0.04	SW846 8270	11/16-11/19/92	321030
Hexachloroethane	ND	0.04	SW846 8270	11/16-11/19/92	321030
Nitrobenzene	ND	0.04	SW846 8270	11/16-11/19/92	321030
Pentachlorophenol	ND	0.2	SW846 8270	11/16-11/19/92	321030
Pyridine	ND	0.04	SW846 8270	11/16-11/19/92	321030
2,4,5-Trichlorophenol	ND	0.04	SW846 8270	11/16-11/19/92	321030
2,4,6-Trichlorophenol	ND	0.04	SW846 8270	11/16-11/19/92	321030
Cresols, Total	ND	0.04	SW846 8270	11/16-11/19/92	321030

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Nitrobenzene-d5	75	(35 - 114)
2-Fluorobiphenyl	68	(43 - 116)
Terphenyl-d14	73	(33 - 141)
2-Fluorophenol	78	(21 - 100)
Phenol-d5	66	(10 - 94)
2,4,6-Tribromophenol	49	(10 - 123)

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B09 11-9-92 1500

WO #: A1970110
 LAB #: A2K110027-002
 MATRIX: SLUDGE

DATE RECEIVED: 11/11/92
 TCLP EXTRACTION DATE: 11/13/92

----- TCLP PESTICIDES -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (<u>mg/L</u>)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATC</u>
gamma-BHC (Lindane)	ND	0.0001	SW846 8080	11/16-11/18/92	32102
Chlordane	ND	0.0005	SW846 8080	11/16-11/18/92	32102
Endrin	ND	0.0005	SW846 8080	11/16-11/18/92	32102
Heptachlor	ND	0.0001	SW846 8080	11/16-11/18/92	32102
Heptachlor epoxide	ND	0.0001	SW846 8080	11/16-11/18/92	32102
Methoxychlor	ND	0.001	SW846 8080	11/16-11/18/92	32102
Toxaphene	ND	0.005	SW846 8080	11/16-11/18/92	32102

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Dibutylchloroendate	63	(24 - 154)
Tetrachloro-m-xylene	68	(60 - 150)

NOTE: AS RECEIVED
 ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B09 11-9-92 1500

WO #: A1970109

LAB #: A2K110027-002

MATRIX: SLUDGE

DATE RECEIVED: 11/11/92

TCLP EXTRACTION DATE: 11/13/92

----- REQUESTED PARAMETERS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
2,4-D	ND	0.5	SW846 8150	11/14-11/18/92	319001
2,4,5-TP(Silvex)	ND	0.1	SW846 8150	11/14-11/18/92	319001

SURROGATE RECOVERY

%

ACCEPTABLE LIMITS

2,4-DB

93

(48 - 131)

NOTE: AS RECEIVED

ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B09 11-9-92 1500

WO #: A1970
LAB #: A2K110027-002
MATRIX: SLUDGE

DATE RECEIVED: 11/11/92
TCLP EXTRACTION DATE: 11/13/92
FINAL PH:10.0

----- RCRA METALS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
- - TCLP METALS - -						
Silver	ND	0.1	mg/L	SW846 6010	11/13-12/03/92	318028
Arsenic	ND	0.5	mg/L	SW846 6010	11/13-12/03/92	318028
Barium	ND	1.0	mg/L	SW846 6010	11/13-12/03/92	318028
Cadmium	ND	0.1	mg/L	SW846 6010	11/13-12/03/92	318028
Chromium	ND	0.1	mg/L	SW846 6010	11/13-12/03/92	318028
Lead	ND	0.1	mg/L	SW846 6010	11/13-12/03/92	318028
Selenium	ND	0.3	mg/L	SW846 6010	11/13-12/03/92	318028
Mercury	ND	0.02	mg/L	SW846 7471	11/23-12/01/92	328046

NOTE:

AS RECEIVED

ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B09 11-9-92 1500

WO #: A1970

LAB #: A2K110027-002

DATE RECEIVED: 11/11/92

MATRIX: SLUDGE

----- INORGANIC ANALYTICAL REPORT -----

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
Flash Point Closed Cup	>180		deg F	SW846 1010	12/03/92	2338033
pH Non-Aqueous	13		su	SW846 9045	11/11/92	316057
Cyanide, Reactive	ND	10	mg/kg	SW846 7.3.3.	11/13/92	321009
Sulfide, Reactive	ND	50	mg/kg	SW846 7.3.4.	11/13/92	321013
Solids, Total (TS)	74	0.5	%	USEPA 160.3	11/13-11/16/92	318029

NOTE: AS RECEIVED

ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B10 11-9-92 1530

WO #: A1971111
 LAB #: A2K110027-003
 MATRIX: SLUDGE

DATE RECEIVED: 11/11/92
 TCLP EXTRACTION DATE: 11/13/92

----- TCLP VOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
Benzene	ND	0.62	SW846 8240	11/16/92	32104:
Methyl ethyl ketone	ND	6.2	SW846 8240	11/16/92	32104:
Carbon tetrachloride	ND	0.62	SW846 8240	11/16/92	32104:
Chlorobenzene	ND	0.62	SW846 8240	11/16/92	32104:
Chloroform	15	0.62	SW846 8240	11/16/92	32104:
1,2-Dichloroethane	ND	0.62	SW846 8240	11/16/92	32104:
1,1-Dichloroethene	ND	0.62	SW846 8240	11/16/92	32104:
Tetrachloroethene	ND	0.62	SW846 8240	11/16/92	32104:
Trichloroethene	ND	0.62	SW846 8240	11/16/92	32104:
Vinyl chloride	ND	1.2	SW846 8240	11/16/92	32104:

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
1,2-Dichloroethane-d4	89	(76 - 114)
Toluene-d8	102	(88 - 110)
Bromofluorobenzene	102	(86 - 115)

NOTE: AS RECEIVED
 ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B10 11-9-92 1530

WO #: A1971212
LAB #: A2K110027-003
MATRIX: SLUDGE

DATE RECEIVED: 11/11/92
TCLP EXTRACTION DATE: 11/13/92

----- TCLP SEMIVOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	0.04	SW846 8270	11/20-11/24/92	32501
2,4-Dinitrotoluene	ND	0.04	SW846 8270	11/20-11/24/92	32501
Hexachlorobenzene	ND	0.04	SW846 8270	11/20-11/24/92	32501
Hexachlorobutadiene	ND	0.04	SW846 8270	11/20-11/24/92	32501
Hexachloroethane	ND	0.04	SW846 8270	11/20-11/24/92	32501
Nitrobenzene	ND	0.04	SW846 8270	11/20-11/24/92	32501
Pentachlorophenol	ND	0.2	SW846 8270	11/20-11/24/92	32501
Pyridine	ND	0.04	SW846 8270	11/20-11/24/92	32501
2,4,5-Trichlorophenol	ND	0.04	SW846 8270	11/20-11/24/92	32501
2,4,6-Trichlorophenol	ND	0.04	SW846 8270	11/20-11/24/92	32501
Cresols, Total	0.04	0.04	SW846 8270	11/20-11/24/92	32501

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Nitrobenzene-d5	83	(35 - 114)
2-Fluorobiphenyl	61	(43 - 116)
Terphenyl-d14	74	(33 - 141)
2-Fluorophenol	68	(21 - 100)
Phenol-d5	54	(10 - 94)
2,4,6-Tribromophenol	72	(10 - 123)

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B10 11-9-92 1530

WO #: A1971110
LAB #: A2K110027-003
MATRIX: SLUDGE

DATE RECEIVED: 11/11/92
TCLP EXTRACTION DATE: 11/13/92

----- TCLP PESTICIDES -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BAT</u>
gamma-BHC (Lindane)	ND	0.0001	SW846 8080	11/16-11/20/92	3210
Chlordane	ND	0.0005	SW846 8080	11/16-11/20/92	3210
Endrin	ND	0.0005	SW846 8080	11/16-11/20/92	3210
Heptachlor	ND	0.0001	SW846 8080	11/16-11/20/92	3210
Heptachlor epoxide	ND	0.0001	SW846 8080	11/16-11/20/92	3210
Methoxychlor	ND	0.001	SW846 8080	11/16-11/20/92	3210
Toxaphene	ND	0.005	SW846 8080	11/16-11/20/92	3210

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Dibutylchloroendate	46	(24 - 154)
Tetrachloro-m-xylene	27*	(60 - 150)

NOTE: AS RECEIVED
ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B10 11-9-92 1530

WO #: A1971109

LAB #: A2K110027-003

MATRIX: SLUDGE

DATE RECEIVED: 11/11/92

TCLP EXTRACTION DATE: 11/13/92

----- REQUESTED PARAMETERS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
2,4-D	ND	0.5	SW846 8150	11/14-11/18/92	31900
2,4,5-TP (Silvex)	ND	0.1	SW846 8150	11/14-11/18/92	31900

SURROGATE RECOVERY

%

ACCEPTABLE LIMITS

2,4-DB

24*

(48 - 131)

NOTE: AS RECEIVED

ND (NONE DETECTED)

* SURROGATE(S) OUTSIDE ACCEPTANCE CRITERIA DUE TO DEMONSTRATED MATRIX EFFECT.



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B10 11-9-92 1530

WO #: A1971
LAB #: A2K110027-003
MATRIX: SLUDGE

DATE RECEIVED: 11/11/92
TCLP EXTRACTION DATE: 11/13/92
FINAL PH: 11.5

----- RCRA METALS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
- - TCLP METALS - -						
Silver	ND	0.1	mg/L	SW846 6010	11/13-12/03/92	31802
Arsenic	ND	0.5	mg/L	SW846 6010	11/13-12/03/92	31802
Barium	ND	1.0	mg/L	SW846 6010	11/13-12/03/92	31802
Cadmium	ND	0.1	mg/L	SW846 6010	11/13-12/03/92	31802
Chromium	0.2	0.1	mg/L	SW846 6010	11/13-12/03/92	31802
Lead	ND	0.1	mg/L	SW846 6010	11/13-12/03/92	31802
Selenium	ND	0.3	mg/L	SW846 6010	11/13-12/03/92	31802
Mercury	ND	0.02	mg/L	SW846 7471	11/13-11/21/92	31802

NOTE:

AS RECEIVED
ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B10 11-9-92 1530

WO #: A1971
LAB #: A2K110027-003
MATRIX: SLUDGE

DATE RECEIVED: 11/11/92

----- INORGANIC ANALYTICAL REPORT -----

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
Flash Point Closed Cup	>180		deg F	SW846 1010	12/03/92	23380
pH Non-Aqueous	13		su	SW846 9045	11/11/92	31605
Cyanide, Reactive	ND	10	mg/kg	SW846 7.3.3.	11/16/92	32103
Sulfide, Reactive	ND	50	mg/kg	SW846 7.3.4.	11/13/92	32101
Solids, Total (TS)	99	0.5	%	USEPA 160.3	11/13-11/16/92	31802

NOTE: AS RECEIVED
ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B06 11-9-92 1000

WO #: A1972111
LAB #: A2K110027-004
MATRIX: SLUDGE

DATE RECEIVED: 11/11/92
TCLP EXTRACTION DATE: 11/13/92

----- TCLP VOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
Benzene	ND	5	SW846 8240	11/16/92	32104
Methyl ethyl ketone	ND	50	SW846 8240	11/16/92	32104
Carbon tetrachloride	ND	5	SW846 8240	11/16/92	32104
Chlorobenzene	ND	5	SW846 8240	11/16/92	32104
Chloroform	ND	5	SW846 8240	11/16/92	32104
1,2-Dichloroethane	ND	5	SW846 8240	11/16/92	32104
1,1-Dichloroethene	ND	5	SW846 8240	11/16/92	32104
Tetrachloroethene	ND	5	SW846 8240	11/16/92	32104
Trichloroethene	ND	5	SW846 8240	11/16/92	32104
Vinyl chloride	ND	10	SW846 8240	11/16/92	32104

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
1,2-Dichloroethane-d4	93	(76 - 114)
Toluene-d8	101	(88 - 110)
Bromofluorobenzene	101	(86 - 115)

NOTE: AS RECEIVED
ND (NONE DETECTED)
ELEVATED DETECTION LIMITS DUE TO TIC(S).



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B06 11-9-92 1000

WO #: A1972111
LAB #: A2K110027-004
MATRIX: SLUDGE

DATE RECEIVED: 11/11/92
DATE EXTRACTED: 11/16/92
DATE ANALYZED: 11/16/92

----- TCLP VOLATILE ORGANICS -----

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS
with their estimated concentrations

<u>PARAMETER</u>	<u>RESULT</u>	<u>UNIT</u>
Methylene chloride	1,200	mg/L

OTHER COMPOUNDS

<u>PARAMETER</u>	<u>RESULT</u>	<u>UNIT</u>
None		--



BAKER ENVIRONMENTAL INC

6-B06 11-9-92 1000

WO #: A1972112
LAB #: A2K110027-004
MATRIX: SLUDGE

DATE RECEIVED: 11/11/92
TCLP EXTRACTION DATE: 11/13/92

----- TCLP SEMIVOLATILE ORGANICS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
1,4-Dichlorobenzene	ND	8	SW846 8270	11/16-11/20/92	32102
2,4-Dinitrotoluene	ND	8	SW846 8270	11/16-11/20/92	32102
Hexachlorobenzene	ND	8	SW846 8270	11/16-11/20/92	32102
Hexachlorobutadiene	ND	8	SW846 8270	11/16-11/20/92	32102
Hexachloroethane	ND	8	SW846 8270	11/16-11/20/92	32102
Nitrobenzene	ND	8	SW846 8270	11/16-11/20/92	32102
Pentachlorophenol	ND	40	SW846 8270	11/16-11/20/92	32102
Pyridine	ND	8	SW846 8270	11/16-11/20/92	32102
2,4,5-Trichlorophenol	ND	8	SW846 8270	11/16-11/20/92	32102
2,4,6-Trichlorophenol	ND	8	SW846 8270	11/16-11/20/92	32102
Cresols, Total	ND	8	SW846 8270	11/16-11/20/92	32102

<u>SURROGATE RECOVERY</u>	<u>%</u>	<u>ACCEPTABLE LIMITS</u>
Nitrobenzene-d5	DIL	(35 - 114)
2-Fluorobiphenyl	DIL	(43 - 116)
Terphenyl-d14	DIL	(33 - 141)
2-Fluorophenol	DIL	(21 - 100)
Phenol-d5	DIL	(10 - 94)
2,4,6-Tribromophenol	DIL	(10 - 123)

NOTE: AS RECEIVED
ND (NONE DETECTED)
ELEVATED DETECTION LIMITS DUE TO TICS.



BAKER ENVIRONMENTAL INC

6-B06 11-9-92 1000

WO #: A1972110

LAB #: A2K110027-004

MATRIX: SLUDGE

DATE RECEIVED: 11/11/

TCLP EXTRACTION DATE: 11/13/

----- TCLP PESTICIDES -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
gamma-BHC (Lindane)	ND	0.0001	SW846 8080	11/16-11/24/92	3210
Chlordane	ND	0.0006	SW846 8080	11/16-11/24/92	3210
Endrin	ND	0.0005	SW846 8080	11/16-11/24/92	3210
Heptachlor	ND	0.0001	SW846 8080	11/16-11/24/92	3210
Heptachlor epoxide	ND	0.0001	SW846 8080	11/16-11/24/92	3210
Methoxychlor	ND	0.001	SW846 8080	11/16-11/24/92	3210
Toxaphene	ND	0.006	SW846 8080	11/16-11/24/92	3210

SURROGATE RECOVERY

%

ACCEPTABLE LIMITS

Dibutylchloroendate
Tetrachloro-m-xylene

24
24*

(24 - 154)
(60 - 150)

NOTE: AS RECEIVED

ND (NONE DETECTED)

UNKNOWN HYDROCARBON PATTERN. ELEVATED DETECTION LIMITS DUE TO MATRIX INTERFERENCE.



BAKER ENVIRONMENTAL INC

6-B06 11-9-92 1000

WO #: A1972109

LAB #: A2K110027-004

MATRIX: SLUDGE

DATE RECEIVED: 11/11/92

TCLP EXTRACTION DATE: 11/13/92

----- REQUESTED PARAMETERS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u> (mg/L)	<u>REPORTING</u> <u>LIMIT</u>	<u>METHOD</u>	<u>EXTRACTION-</u> <u>ANALYSIS DATE</u>	<u>QC</u> <u>BATCH</u>
2,4-D	ND	0.5	SW846 8150	11/14-11/16/92	31900
2,4,5-TP(Silvex)	ND	0.1	SW846 8150	11/14-11/16/92	31900

SURROGATE RECOVERY

%

ACCEPTABLE LIMITS

2,4-DB

48

(48 - 131)

NOTE: AS RECEIVED

ND (NONE DETECTED)



BAKER ENVIRONMENTAL INC

6-B06 11-9-92 1000

WO #: A1972
 LAB #: A2K110027-004
 MATRIX: SLUDGE

DATE RECEIVED: 11/11/92
 TCLP EXTRACTION DATE: 11/13/92
 FINAL PH:5.0

----- RCRA METALS -----

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311 (55 FR 26986)

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATN</u>
- - TCLP METALS - -						
Silver	ND	0.1	mg/L	SW846 6010	11/13-11/20/92	31803
Arsenic	ND	0.5	mg/L	SW846 6010	11/13-11/20/92	31803
Barium	ND	1.0	mg/L	SW846 6010	11/13-11/20/92	31803
Cadmium	ND	0.1	mg/L	SW846 6010	11/13-11/20/92	31803
Chromium	ND	0.1	mg/L	SW846 6010	11/13-11/20/92	31803
Lead	ND	0.1	mg/L	SW846 6010	11/13-11/20/92	31803
Selenium	ND	0.3	mg/L	SW846 6010	11/13-11/20/92	31803
Mercury	ND	0.02	mg/L	SW846 7471	11/13-11/18/92	31803

NOTE:

AS RECEIVED
 ND (NONE DETECTED)



CLEJ-01272-3.13-08/20/93

BAKER ENVIRONMENTAL INC

6-B06 11-9-92 1000

WO #: A1972
LAB #: A2K110027-004
MATRIX: SLUDGE

DATE RECEIVED: 11/11/92

----- INORGANIC ANALYTICAL REPORT -----

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNIT</u>	<u>METHOD</u>	<u>PREPARATION - ANALYSIS DATE</u>	<u>QC BATCH</u>
Flash Point Closed Cup	>180		deg F	SW846 1010	12/03/92	233803
pH Non-Aqueous	5		su	SW846 9045	11/11/92	316057
Cyanide, Reactive	ND	10	mg/kg	SW846 7.3.3.	11/13/92	321009
Sulfide, Reactive	ND	50	mg/kg	SW846 7.3.4.	11/13/92	321013
Solids, Total (TS)	1.7	0.5	%	USEPA 160.3	11/13-11/16/92	318029

NOTE: AS RECEIVED
ND (NONE DETECTED)

Appendix P
Engineering Parameter Summary

TOTAL ORGANIC CARBON (TOC)

Method 415.2/9060

Client: Baker Environmental

Project No.: 920464

Date Received: 9/01/92

Concentration in: mg/kg(ppm)

Client ID	Laboratory ID	Sample Concentration	Reporting Limit
48-IT1-SD-06	920464-01	21,000	30
48-IT1-SD-612	920464-02	8,400	30
48-IT2-SD-06	920464-03	19,000	30
48-IT2-SD-612	920464-04	26,000	30
48-NRSD1-SD-06	920464-07	53,000	30
48-NRSD1-SD-612	920464-08	26,000	30
48-NRST2-SD-06	920464-09	31,000	30
48-NRSD2-SD-612	920464-10	12,000	30
48-NRSD3-SD-06	920464-11	31,000	30
48-NRSD3-SD-612	920464-12	22,000	30
48-NRSD4-SD-06	920464-13	66,000	30
48-NRSD4-SD-06D	920464-14	17,000	30
48-NRSD4-SD-612	920464-15	56,000	30
48-NRSD5-SD-06	920464-16	81,000	30
48-NRSD5-SD-612	920464-17	34,000	30
48-NRSD6-SD-06	920464-18	16,000	30
48-NRSD6-SD-612	920464-19	89,000	30
48-NRSD7-SD-06	920464-20	5,500	30
48-NRSD7-SD-612	920464-21	17,000	30
6-WC01-SD-06B	920464-22	17,000	30
6-WC01-SD-06B DUP	920464-22 DUP	19,000	30
6-WC01-SD-06D	920464-23	6,700	30
6-WC01-SD-612B	920464-24	21,000	30

QA/QC

Method Blank TOC0922-B1 ND 30

Reported by: _____ JS

Approved by: Henry J. ...

1145

TOTAL ORGANIC CARBON (TOC)

Method 415.2/9060

Client: Baker Environmental

Project No.: 920458

Date Received: 8/31/92

Concentration in: mg/kg(ppm)

Client ID	Laboratory ID	Sample Concentration	Reporting Limit
6-BH02-SD-06M	920458-02	8,800	30
6-BH02-SD-612M	920458-03	40,000	30
6-BH03-SD-06B	920458-05	53,000	30
6-BH03-SD-06D	920458-06	35,000	30
6-BH03-SD-06M	920458-07	94,000	30
6-BH03-SD-612B	920458-08	31,000	30
6-BH03-SD-612M	920458-09	81,000	30
<u>QA/QC</u>			
Method Blank	TOC0921	ND	30

Reported by: JJ

Approved by: Henry I. [Signature]

TOTAL ORGANIC CARBON (TOC)

Method 415.1/9060

Client: Baker Environmental

Project No.: 920582

Date Received: 10/22/92

Concentration in: mg/kg (ppm)

Client ID	Laboratory ID	Sample Concentration	Reporting Limit
6-GW28D-00	920582-11	710	30
Method Blank	TOC1102-B1	ND	30

ND = Not detected

Reported by: JS

Approved by: Henry [Signature]

TOTAL ORGANIC CARBON (TOC)

Method 415.2

Client: Baker Environmental

Project No.: 920611

Date Received: 11/11/92

Concentration in: mg/kg (ppm)

Client ID	Laboratory ID	Sample Concentration	Reporting Limit
6-RBC	920611-01	7,800	30
Method Blank	TOC1119-B1	ND	30

Reported by: J5

Approved by: Henry L. [Signature]

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 6-GW01-DW-01

Date Sampled: 11/04/92

Date Sample Received: 11/05/92

Ceimic Project No.: 920603

Laboratory ID: 920603-07

Concentration in: mg/L(ppm)

Target Analyte	Result	Method Reporting Limit	Date Analyzed
Biological Oxegen Demand (BOD)	ND	2	11/05/92
Chemical Oxygen Demand (COD)	26	5	11/18/92
Total Solids	403	5+	11/06/92
Total Dissolved Solids	377	5+	11/12/92
Total Suspended Solids	6	5	11/12/92
Total Volatile Solids	216	5	11/06/92

ND = Not detected

+ Values adjusted to reflect Labatory Control Sample recoveries

Reported by: *R. Luntall*

Approved by: *Adrienne Marsh*

INORGANIC ANALYTES

Client: Baker Environmental

Client ID: 9-GW8-01

Laboratory ID: 920593-41

Date Sample Received: 10/27/92

Date Sampled: 10/25/92

Target Analyte	Result	Units	Method Reporting Limit	Date Analyzed
Biological Oxygen Demand (BOD)	ND	mg/L (ppm)	2	10/28/92
Chemical Oxygen Demand (COD)	21	mg/L (ppm)	5	11/04/92
Total Solids	199	mg/L (ppm)	5	10/28/92
Total Dissolved Solids	160	mg/L (ppm)	5	10/28/92
Total Suspended Solids	48	mg/L (ppm)	5	10/28/92
Total Volatile Solids	34	mg/L (ppm)	5	11/06/92

ND = Not detected

Reported by: L. Lutz

Approved by: Catherine Marsh

TOTAL ORGANIC CARBON (TOC)

Method 415.1/9060

Client: Baker Environmental

Project No.: 920536

Date Received: 9/25/92

Concentration in: mg/kg (ppm)

Client ID	Laboratory ID	Sample Concentration	Reporting Limit
9-AST-SB19	920536-01	3,600	30
Method Blank	TOC1019-B1	ND	30

ND = Not detected

Reported by: JS

Approved by: Henry [Signature]



October 30, 1992
Report No.: 00011446
Section A Page 1

LABORATORY ANALYSIS REPORT

CLIENT NAME: CEIMIC CORPORATION
ADDRESS: PENN CENTER WEST II, SUITE 120
PITTSBURGH, PA 15276-
ATTENTION: MS. PEG MARPLE

NUS CLIENT NO: 1006 0001
WORK ORDER NO: 55830
VENDOR NO: 10909600

Carbon Copy:

SAMPLE ID: 6-05A-SB43
NUS SAMPLE NO: P0214615
P.O. NO.:

DATE SAMPLED: 12-OCT-92
DATE RECEIVED: 14-OCT-92
APPROVED BY: J Simanic

LN	TEST CODE	DETERMINATION	RESULT	UNIT
1	T45	Grain Size - Sieve & Hydrometer		
		d. 3/4 inch	100.0	Z Passed
		e. 1/2 inch	98.7	Z Passed
		f. 3/8 inch	98.5	Z Passed
		g. Sieve No. 4	97.8	Z Passed
		h. Sieve No. 10	96.7	Z Passed
		i. Sieve No. 20	95.9	Z Passed
		j. Sieve No. 40	94.0	Z Passed
		k. Sieve No. 60	84.4	Z Passed
		l. Sieve No. 140	8.2	Z Passed
		m. Sieve No. 200	4.4	Z Passed
		n. Particle Size .024mm	3.9	Z Passed
		o. Particle Size .007mm	3.9	Z Passed
		p. Particle Size .001mm	2.9	Z Passed
2	T61	Moisture density - standard		^

COMMENTS: ^ Due to the free draining nature of this soil, we are unable to test in accordance with ASTM D-698.

HALLIBURTON NUS
Environmental Laboratories

CLEJ-01272-3.13-08/20/93

04
Cleveland, OH 44130
16-891-4700

September 25, 1992
Report No.: 00010745
Section A Page 1

LABORATORY ANALYSIS REPORT

CLIENT NAME: CEIMIC CORPORATION
ADDRESS: PENN CENTER WEST II, SUITE 120
PITTSBURGH, PA 15278-
ATTENTION: MS. PEG MARPLE

NUS CLIENT NO: 1006 0001
WORK ORDER NO: 55830
VENDOR NO: 10909600

Carbon Copy:

SAMPLE ID: 6-201C-SB40
NUS SAMPLE NO: P0210597
P.O. NO.:

DATE SAMPLED: 30-AUG-92
DATE RECEIVED: 02-SEP-92
APPROVED BY: R Volk

LN	TEST CODE	DETERMINATION	RESULT	UNIT
1	T45	Grain Size - Sieve & Hydrometer		
		g. Sieve No. 4	100.0	% Passed
		h. Sieve No. 10	99.1	% Passed
		i. Sieve No. 20	98.8	% Passed
		j. Sieve No. 40	98.2	% Passed
		k. Sieve No. 60	82.4	% Passed
		l. Sieve No. 140	8.0	% Passed
		m. Sieve No. 200	6.2	% Passed
		n. Particle Size .024mm	4.0	% Passed
		o. Particle Size .007mm	3.0	% Passed
		p. Particle Size .001mm	2.5	% Passed
2	T61	Moisture density - standard	*	

COMMENTS: * Due to the free draining nature of this soil, we are unable to run this test in accordance with ASTM D-698.

CLEVELAND

HOUSTON

PITTSBURGH

HALLIBURTON NUS
Environmental Laboratories

CLEJ-01272-3.13-08/20/93

03
5751 L. Engle Road
Cleveland, OH 44130
216-891-4700

September 25, 1992
Report No.: 00010744
Section A Page 2

LABORATORY ANALYSIS REPORT

CLIENT NAME: CEIMIC CORPORATION
ADDRESS: PENN CENTER WEST II, SUITE 120
PITTSBURGH, PA 15276-
ATTENTION: MS. PEG MARPLE

NUS CLIENT NO: 1008 0001
WORK ORDER NO: 55830
VENDOR NO: 10909600

Carbon Copy:

SAMPLE ID: 6-201B-SB38
NUS SAMPLE NO: P0210230
P.O. NO.: 5920817

DATE SAMPLED: 28-AUG-92
DATE RECEIVED: 01-SEP-92
APPROVED BY: R Volk

LN	TEST CODE	DETERMINATION	RESULT	UNITS
1	T45	Grain Size - Sieve & Hydrometer		
		d. 3/4 inch	100.0	% Passed
		e. 1/2 inch	99.3	% Passed
		f. 3/8 inch	98.8	% Passed
		g. Sieve No. 4	97.3	% Passed
		h. Sieve No. 10	95.9	% Passed
		i. Sieve No. 20	94.8	% Passed
		j. Sieve No. 40	92.9	% Passed
		k. Sieve No. 60	74.5	% Passed
		l. Sieve No. 140	10.1	% Passed
		m. Sieve No. 200	8.2	% Passed
		n. Particle Size .023mm	8.6 **	% Passed
		o. Particle Size .007mm	6.7	% Passed
		p. Particle Size .001mm	5.8	% Passed
2	T61	Moisture density - standard		*

COMMENTS: * Due to the free draining nature of this soil, we are unable to perform this test in accordance with ASTM D-698.
** Reading error due to foam on top of sample during first hydrometer reading.

CLEVELAND

HOUSTON

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HALLIBURTON NUS
Environmental Laboratories

CLEJ-01272-3.13-08/20/93

751 L. ... Road
Cleveland, OH 44130
16-891-4700

September 25, 1992
Report No.: 00010744
Section A Page 1

LABORATORY ANALYSIS REPORT

CLIENT NAME: CEIMIC CORPORATION
ADDRESS: PENN CENTER WEST II, SUITE 120
PITTSBURGH, PA 15276-
ATTENTION: MS. PEG MARPLE

NUS CLIENT NO: 1006 0001
WORK ORDER NO: 55830
VENDOR NO: 10908600

Carbon Copy:

SAMPLE ID: 6-201A-SB38
NUS SAMPLE NO: P0210229
P.O. NO.: S920817

DATE SAMPLED: 28-AUG-92
DATE RECEIVED: 01-SEP-92
APPROVED BY: R Volk

LN	TEST CODE	DETERMINATION	RESULT	UNIT
1	T45	Grain Size - Sieve & Hydrometer		
		c. 1.0 inch	100.0	% Passed
		d. 3/4 inch	99.0	% Passed
		e. 1/2 inch	97.8	% Passed
		f. 3/8 inch	97.2	% Passed
		g. Sieve No. 4	94.5	% Passed
		h. Sieve No. 10	90.7	% Passed
		i. Sieve No. 20	89.1	% Passed
		j. Sieve No. 40	87.3	% Passed
		k. Sieve No. 80	71.7	% Passed
		l. Sieve No. 140	8.5	% Passed
		m. Sieve No. 200	7.2	% Passed
		n. Particle Size .023mm	5.4	% Passed
		o. Particle Size .007mm	4.5	% Passed
		p. Particle Size .001mm	3.6	% Passed
2	T61	Moisture density - standard		*

COMMENTS: * Due to the free draining nature of this soil, we are unable to perform this test in accordance with ASTM D-698.

CLEVELAND

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PITTSBURGH

October 13, 1992
Report No.: 00011086
Section A Page 1

LABORATORY ANALYSIS REPORT

CLIENT NAME: CEIMIC CORPORATION
ADDRESS: PENN CENTER WEST II, SUITE 120
PITTSBURGH, PA 15276-
ATTENTION: MS. PEG MARPLE

NUS CLIENT NO: 1006 0001
WORK ORDER NO: 55830
VENDOR NO: 10909600

Carbon Copy:

SAMPLE ID: 09-AST-SB18
NUS SAMPLE NO: P0212539
P.O. NO.:

DATE SAMPLED: 22-SEP-92
DATE RECEIVED: 24-SEP-92
APPROVED BY: J Simanic

LN	TEST CODE	DETERMINATION	RESULT	UNIT
1	T45	Grain Size - Sieve & Hydrometer		
		h. Sieve No. 10	100.0	Z Passed
		i. Sieve No. 20	99.9	Z Passed
		j. Sieve No. 40	98.7	Z Passed
		k. Sieve No. 60	89.1	Z Passed
		l. Sieve No. 140	8.1	Z Passed
		m. Sieve No. 200	5.5	Z Passed
		n. Particle Size .023mm	5.0	Z Passed
		o. Particle Size .007mm	5.0	Z Passed
		p. Particle Size .001mm	3.5	Z Passed
2	T61	Moisture density - standard		^

COMMENTS: ^ Due to the free draining nature of this soil, we are unable to test in accordance with ASTM D-698.



CLEJ-01272-3.13-08/20/93

Laboratory No. P212539

Sheet _____ of _____

Project Name Genic Corp Project No. _____ Tested by DP date 10-1-92

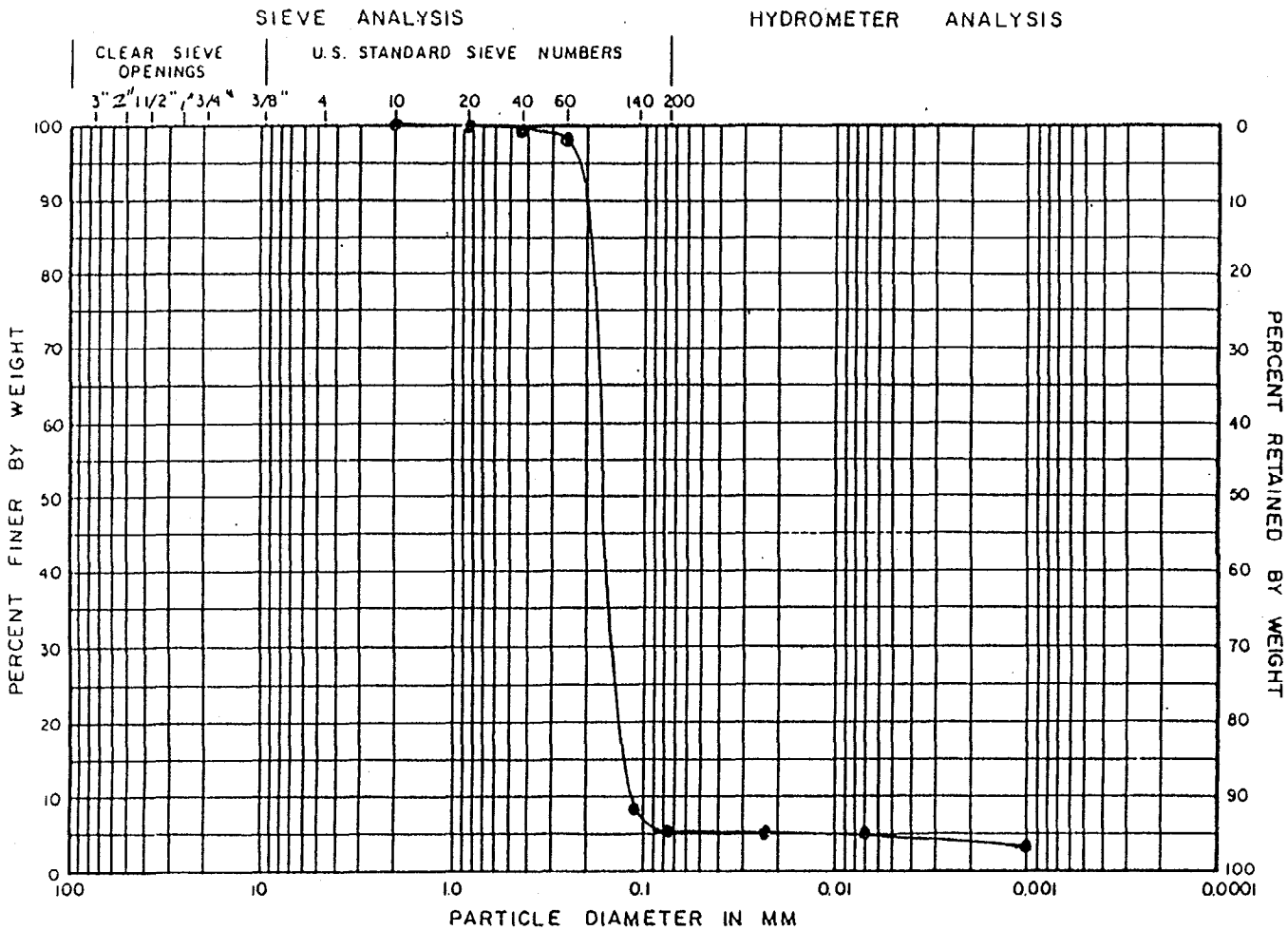
Boring/Test Pit No. _____ Sample No. _____ Calculated by DL date 10-8-92

Sample Depth _____ Sample Type 09-AST-SAT Checked by JCC date 12 OCT 92

Sample Description _____

Sample Preparation Method _____

GRAIN SIZE ANALYSIS
COHESIVE MATERIAL



HALLIBURTON NUS
Environmental Laboratories

Pittsburgh, PA 15205
800-228-6870

6751-L Engle Road
Cleveland, OH 44130
216-891-4700

October 13, 1992
Report No.: 00011087
Section A Page 1

LABORATORY ANALYSIS REPORT

CLIENT NAME: CEIMIC CORPORATION
ADDRESS: PENN CENTER WEST II, SUITE 120
PITTSBURGH, PA 15276-
ATTENTION: MS. PEG MARPLE

NUS CLIENT NO: 1008 0001
WORK ORDER NO: 55830
VENDOR NO: 10909600

Carbon Copy:

SAMPLE ID: 9-TPO-GW8
NUS SAMPLE NO: P0213048
P.O. NO.:

DATE SAMPLED: UnAvail
DATE RECEIVED: 29-SEP-92
APPROVED BY: J Simanic

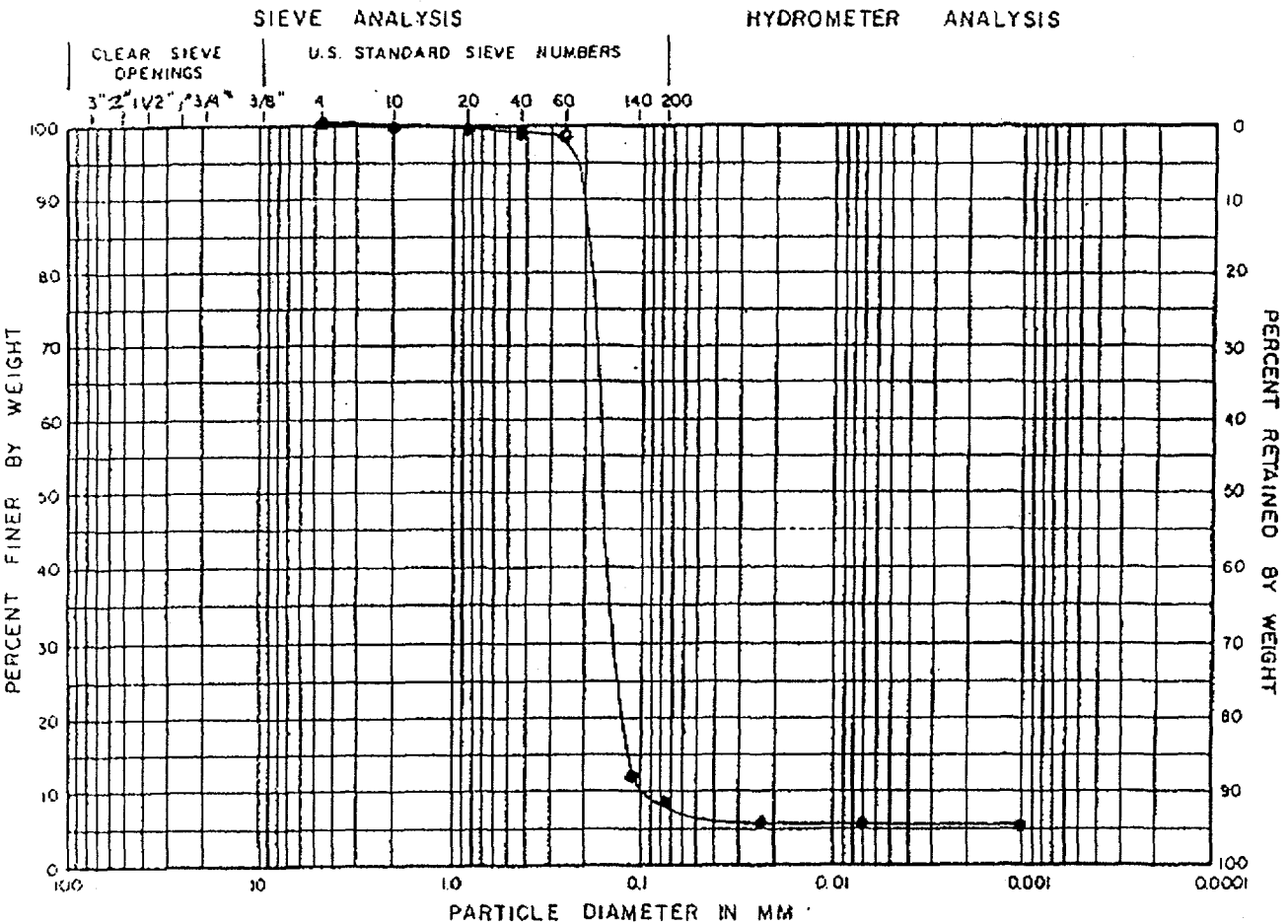
LN	TEST CODE	DETERMINATION	RESULT	UNIT
1	T45	Grain Size - Sieve & Hydrometer		
		g. Sieve No. 4	100.0	% Passed
		h. Sieve No. 10	99.9	% Passed
		i. Sieve No. 20	99.8	% Passed
		j. Sieve No. 40	99.4	% Passed
		k. Sieve No. 60	92.8	% Passed
		l. Sieve No. 140	12.4	% Passed
		m. Sieve No. 200	9.2	% Passed
		n. Particle Size .023mm	5.9	% Passed
		o. Particle Size .007mm	5.9	% Passed
		p. Particle Size .001mm	5.4	% Passed
2	T61	Moisture density - standard		

COMMENTS: ^ Due to the free draining nature of this soil, we are unable to test in accordance with ASTM D-698.



Project Name Cemic Corp Project No. _____ Tested by DN date 10-1-92
 Boring/Test Pit No. _____ Sample No. _____ Calculated by DM date 10-9-92
 Sample Depth _____ Sample Type q-TAG-60X Checked by JC date 12-27-92
 Sample Description _____
 Sample Preparation Method _____

GRAIN SIZE ANALYSIS
 COHESIVE MATERIAL



COBBLES	GRAVEL		SAND			SILT AND CLAY			
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT FRACTION	CLAY FRACTION		
BORING	SAMPLE DEPTH		SOIL DESCRIPTION			USCS	LL	PL	WC %

P30092
 ST

Appendix Q
TPH Summary

**CEIMIC
CORPORATION**

"Analytical Chemistry for Environmental Management"

TOTAL PETROLEUM HYDROCARBON

BY IR

EPA Method 418.1

Client: Baker Environmental

Project: 920518

Date Samples Received: 9/17/92

Concentration in: mg/kg (ppm)⁺

Client ID	Laboratory ID	Sample Concentration	Method Reporting Limit
9-AST-SB2-00✓	920518-01	ND	32
9-AST-SB2-00D✓	920518-02	ND	32
9-AST-SB2-02✓	920518-03	ND	34
9-AST-SB4-00✓	920518-04	71	32
9-AST-SB4-03✓	920518-05	ND	33
9-AST-SB5-00✓	920518-06	ND	30
9-AST-SB5-03✓	920518-07	ND	32
9-AST-SB6-01✓	920518-08	ND	32
9-AST-SB6-03✓	920518-09	ND	32
9-AST-SB7-00✓	920518-10	ND	31
9-AST-SB7-00D✓	920518-11	67	30
9-AST-SB7-02✓	920518-12	ND	31
9-AST-SB8-00✓	920518-13	40	32
9-AST-SB8-02✓	920518-14	ND	34
9-AST-SB9-00✓	920518-15	ND	32
9-AST-SB9-03	920518-16	73	32
9-AST-SB9-03D✓	920518-17	92	32
9-AST-SB10-00✓	920518-18	ND	31
9-AST-SB10-03✓	920518-19	ND	32
9-AST-SB11-00✓	920518-20	37	31
9-AST-SB11-02✓	920518-21	ND	31
9-AST-SB12-00	920518-22	38	31

**CEIMIC
CORPORATION**

"Analytical Chemistry for Environmental Management"

TOTAL PETROLEUM HYDROCARBON

BY IR

EPA Method 418.1

Client: Baker Environmental

Project: 920518

Date Samples Received: 9/17/92

Concentration in: mg/kg (ppm)*

Client ID	Laboratory ID	Sample Concentration	Method Reporting Limit
9-AST-SB12-02✓	920518-23	ND	31
9-AST-SB14-00✓	920518-24	44	32
9-AST-SB14-02✓	920518-25	38	31
9-AST-SB16-00✓	920518-26	97	30
9-AST-SB16-02✓	920518-27	ND	32
9-AST-SB17-00✓	920518-28	ND	32
9-AST-SB17-02✓	920518-29	ND	32
<u>QA/QC</u>			
Method Blank #1	I0921-B1	ND	30
Method Blank #2	I0921-B2	ND	30
Laboratory Control Spike #1	I0921-LCS1	102% Recovery	
Laboratory Control Spike #2	I0921-LCS2	100% Recovery	
Independent Calibration Standard	I0923-ICS1	66% Recovery	

ND = Not detected

+ Dry weight basis

Reported by: W. J. J.

Approved by: Henry J. J.

CEIVIC
CORPORATION

"Analytical Chemistry for Environmental Management"

TOTAL PETROLEUM HYDROCARBON

BY IR

EPA Method 418.1

Client: Baker Environmental

Project: 920520

Date Samples Received: 9/17/92

Concentration in: mg/kg (ppm)*

Client ID	Laboratory ID	Sample Concentration	Method Reporting Limit
9-TP0-SB18-00	920520-01	1,120	306
9-TP0-SB18-02	920520-02	ND	31
9-TP0-SB19-00	920520-03	130	31
9-TP0-SB19-02	920520-04	ND	38
9-TP0-SB23-00	920520-05	270	32
9-TP0-SB23-02	920520-06	ND	33
9-TP0-SB26-00	920520-07	580	33
9-TP0-SB29-02	920520-08	ND	31
9-TP0-SB29-00	920520-09	140	31
9-TP0-SB29-02	920520-10	ND	32
9-TP0-SB29-02D	920520-11	ND	33
9-TP0-SB33-00	920520-12	440	31
9-TP0-SB33-02	920520-13	ND	33
9-TP0-SB34-00	920520-14	70	32
9-TP0-SB34-03	920520-15	ND	36
9-TP0-SB34-03D	920520-16	ND	33
9-TP0-SB37-00	920520-17	940	320
9-TP0-SB37-03	920520-18	ND	35
9-TP0-SB38-00	920520-19	210	31
9-TP0-SB38-03	920520-20	ND	33

CEIMIC
CORPORATION

"Analytical Chemistry for Environmental Management"

TOTAL PETROLEUM HYDROCARBON

BY IR

EPA Method 418.1

Client: Baker Environmental

Project: 920520

Date Samples Received: 9/17/92

Concentration in: mg/kg (ppm)⁺

Client ID	Laboratory ID	Sample Concentration	Method Reporting Limit
9-TP0-SB39-00/	920520-21	170	36
9-TP0-SB39-02/	920520-22	ND	32
<u>QA/QC</u>			
Method Blank #1	I0921-B1	ND	30
Method Blank #2	I0921-B3	ND	30
Laboratory Control Spike #1	I0921-LCS1	102% Recovery	
Laboratory Control Spike #2	I0921-LCS2	95% Recovery	
Independent Calibration Standard	I0923-ICS1	6% Recovery	

ND = Not detected

+ Dry weight basis

Reported by: D. J. J.

Approved by: Henry J. J.

**CEIMIC
CORPORATION**

"Analytical Chemistry for Environmental Management"

TOTAL PETROLEUM HYDROCARBON

BY IR

EPA Method 418.1

Client: Baker Environmental

Project: 920526

Date Samples Received: 9/18/92

Concentration in: mg/kg (ppm)*

Client ID	Laboratory ID	Sample Concentration	Method Reporting Limit
9-TP0-SB20-00✓	920526-01	110	30
9-TP0-SB20-03✓	920526-02	ND	37
9-TP0-SB27-01✓	920526-03	1,000	340
9-TP0-SB27-03✓	920526-04	ND	34
9-TP0-SB30-00✓	920526-05	37	32
9-TP0-SB30-03✓	920526-06	ND	34

QA/QC

Method Blank	I0921-B1	ND	30
Laboratory Control Spike	I0921-LCS1	102% Recovery	
Independent Calibration Standard	I0923-ICS1	66% Recovery	

ND = Not detected

+ Dry weight basis

Reported by: W. J. F.

Approved by: Henry J. L. [Signature]

**CEIMIC
CORPORATION**

"Analytical Chemistry for Environmental Management"

TOTAL PETROLEUM HYDROCARBON

BY IR

EPA Method 418.1

Client: Baker Environmental

Project: 920592

Date Samples Received: 10/27/92

Concentration in:mg/kg (ppm)*

Client ID	Laboratory ID	Sample Concentration	Method Reporting Limit
9-TPO-SB42-00	920592-01	ND	32
9-TPO-SB44-00	920592-03	110	32
9-TPO-SB45-00	920592-04	ND	32
9-TPO-SB46-00	920592-05	ND	31
9-TPO-SB47-00	920592-06	ND	32
9-TPO-SB48-00	920592-07	160	32
9-TPO-SB49-00	920592-08	230	31
9-TPO-SB50-00	920592-09	250	31
9-TPO-SB51-00	920592-10	160	32
9-TPO-SB52-00	920592-11	ND	31
9-TPO-SB53-00	920592-12	ND	31

**CEIMIC
CORPORATION**

"Analytical Chemistry for Environmental Management"

TOTAL PETROLEUM HYDROCARBON

BY IR

EPA Method 418.1

Client: Baker Environmental

Project: 920592

Date Samples Received: 10/27/92

Concentration in: mg/kg (ppm)*

Client ID	Laboratory ID	Sample Concentration	Method Reporting Limit
9-TPO-SB55-00	920592-14	ND	31
9-TPO-SB56-00	920592-15	ND	32
9-TPO-SB57-00	920592-16	ND	31
<u>QA/QC</u>			
Method Blank	I0127-B1	ND	30
Laboratory Control Spike	I0127-LCS1	80% Recovery	
Independent Calibration Standard	I0128-ICS1	101%	

ND = Not detected

+ Dry weight basis

Reported by: _____ SD

Approved by: Henry P. [Signature]

**CEIMIC
CORPORATION**

"Analytical Chemistry for Environmental Management"

TOTAL PETROLEUM HYDROCARBON

BY IR

EPA Method 418.1

Client: Baker Environmental

Project: 920535

Date Samples Received: 9/24/92

Concentration in: mg/kg (ppm)⁺

Client ID	Laboratory ID	Sample Concentration	Method Reporting Limit
9-TPO-SB22-01	920535-01	85	32
9-TPO-SB22-04	920535-02	130	33
9-TPO-SB28-01	920535-03	330	32
9-TPO-SB28-03	920535-04	ND	31
9-TPO-SB28-03D	920535-05	ND	32
9-TPO-SB32-01 ⁺	920535-06	41	32
9-TPO-SB32-03-	920535-07	ND	36
9-TPO-SB36-00-	920535-08	60	32
9-TPO-SB36-00D-	920535-09	ND	32
9-TPO-SB36-03-	920535-10	ND	33

QA/QC

Method Blank	I0930-B1	ND	30
Laboratory Control Sample	I0930-LCS1	64% Recovery	
Independent Calibration Standard	I1006-ICS1	101% Recovery	

ND = Not detected
+ Dry weight basis

Reported by: NL

Approved by: Henry Liberty

Appendix R
Quality Assurance/Quality Control Summary

SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-201A-ER-01	6-201A-ER-03	6-201A-TB-01	6-201A-TB-02	6-201A-TB-03	6-201A-TB-18
Depth:	RINSE BLANK	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	8/25/92	8/28/92	8/25/92	8/27/92	8/28/92	9/24/92
Lab Id:	00439-23	00453-38	00439-24	920447-35	00453-40	00536-30
Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L	0.05 UJ	0.05 UJ			
BETA-BHC	UG/L	0.05 UJ	0.05 UJ			
DELTA-BHC	UG/L	0.05 UJ	0.05 UJ			
GAMMA-BHC(LINDANE)	UG/L	0.05 UJ	0.05 UJ			
HEPTACHLOR	UG/L	0.05 UJ	0.05 UJ			
ALDRIN	UG/L	0.05 UJ	0.05 UJ			
HEPTACHLOR EPOXIDE	UG/L	0.05 UJ	0.05 UJ			
ENDOSULFAN I	UG/L	0.05 UJ	0.05 UJ			
DIELDRIN	UG/L	0.1 UJ	0.1 UJ			
4,4'-DDE	UG/L	0.1 UJ	0.1 UJ			
ENDRIN	UG/L	0.1 UJ	0.1 UJ			
ENDOSULFAN II	UG/L	0.1 UJ	0.1 UJ			
4,4'-DDD	UG/L	0.1 UJ	0.1 UJ			
ENDOSULFAN SULFATE	UG/L	0.1 UJ	0.1 UJ			
4,4'-DDT	UG/L	0.1 UJ	0.1 UJ			
METHOXYCHLOR	UG/L	0.5 UJ	0.5 UJ			
ENDRIN KETONE	UG/L	0.1 UJ	0.1 UJ			
ENDRIN ALDEHYDE	UG/L	0.1 UJ	0.1 UJ			
ALPHA CHLORDANE	UG/L	0.05 UJ	0.05 UJ			
GAMMA CHLORDANE	UG/L	0.05 UJ	0.05 UJ			
TOXAPHENE	UG/L	5 UJ	5 UJ			
PCB-1016	UG/L	1 UJ	1 UJ			
PCB-1221	UG/L	2 UJ	2 UJ			
PCB-1232	UG/L	1 UJ	1 UJ			
PCB-1242	UG/L	1 UJ	1 UJ			
PCB-1248	UG/L	1 UJ	1 UJ			
PCB-1254	UG/L	1 UJ	1 UJ			
PCB-1260	UG/L	1 UJ	1 UJ			
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 UJ
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	10 U	3 J	6 J	10 U	17
ACETONE	UG/L	10 U	10 U	10 U	10 UJ	10 U
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 UJ	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-201A-ER-01	6-201A-ER-03	6-201A-TB-01	6-201A-TB-02	6-201A-TB-03	6-201A-TB-18
Depth:	RINSE BLANK	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	8/25/92	8/28/92	8/25/92	8/27/92	8/28/92	9/24/92
Lab Id:	00439-23	00453-38	00439-24	920447-35	00453-40	00536-30
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 UJ	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	2 J	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 U	10 UJ	10 U	10 U	10 UJ
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 UJ
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L	10 U	10 U			
BIS(2-CHLOROETHYL) ETHER	UG/L	10 U	10 U			
2-CHLOROPHENOL	UG/L	10 U	10 U			
1,3-DICHLOROBENZENE	UG/L	10 U	10 U			
1,4-DICHLOROBENZENE	UG/L	10 U	10 U			
1,2-DICHLOROBENZENE	UG/L	10 U	10 U			
2-METHYLPHENOL	UG/L	10 U	10 U			
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L	10 U	10 U			
4-METHYLPHENOL	UG/L	10 U	10 U			
N-NITROSODI-N-PROPYLAMINE	UG/L	10 U	10 U			
HEXACHLOROETHANE	UG/L	10 U	10 U			
NITROBENZENE	UG/L	10 U	10 U			
ISOPHORONE	UG/L	10 U	10 U			
2-NITROPHENOL	UG/L	10 U	10 U			
2,4-DIMETHYLPHENOL	UG/L	10 U	10 U			
BIS(2-CHLOROETHOXY) METHANE	UG/L	10 U	10 U			
2,4-DICHLOROPHENOL	UG/L	10 U	10 U			
1,2,4-TRICHLOROBENZENE	UG/L	10 U	10 U			
NAPHTHALENE	UG/L	10 U	10 U			
4-CHLORANILINE	UG/L	10 U	10 U			
HEXACHLOROBUTADIENE	UG/L	10 U	10 U			

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-201A-ER-01	6-201A-ER-03	6-201A-TB-01	6-201A-TB-02	6-201A-TB-03	6-201A-TB-18
Depth:	RINSE BLANK	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	8/25/92	8/28/92	8/25/92	8/27/92	8/28/92	9/24/92
Lab Id:	00439-23	00453-38	00439-24	920447-35	00453-40	00536-30
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L	10 U	10 U			
2-METHYLNAPHTHALENE	UG/L	10 U	10 U			
HEXACHLOROCYCLOPENTADIENE	UG/L	10 U	10 U			
2,4,6-TRICHLOROPHENOL	UG/L	10 U	10 U			
2,4,5-TRICHLOROPHENOL	UG/L	25 U	25 U			
2-CHLORONAPHTHALENE	UG/L	10 U	10 U			
2-NITROANILINE	UG/L	25 U	25 U			
DIMETHYL PHTHALATE	UG/L	10 U	10 U			
ACENAPHTHYLENE	UG/L	10 U	10 U			
2,6-DINITROTOLUENE	UG/L	10 U	10 U			
3-NITROANILINE	UG/L	25 U	25 U			
ACENAPHTHENE	UG/L	10 U	10 U			
2,4-DINITROPHENOL	UG/L	25 U	25 U			
4-NITROPHENOL	UG/L	25 U	25 U			
DIBENZOFURAN	UG/L	10 U	10 U			
2,4-DINITROTOLUENE	UG/L	10 U	10 UJ			
DIETHYL PHTHALATE	UG/L	10 U	10 U			
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 U	10 U			
FLUORENE	UG/L	10 U	10 U			
4-NITROANILINE	UG/L	25 U	25 U			
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 U	25 U			
N-NITROSODIPHENYLAMINE	UG/L	10 U	10 U			
4-BROMOPHENYL PHENYL ETHER	UG/L	10 U	10 U			
HEXACHLOROBENZENE	UG/L	10 U	10 U			
PENTACHLOROPHENOL	UG/L	25 U	25 U			
PHENANTHRENE	UG/L	10 U	10 U			
ANTHRACENE	UG/L	10 U	10 U			
DI-N-BUTYL PHTHALATE	UG/L	10 U	10 U			
FLUORANTHENE	UG/L	10 U	10 U			
CARBAZOLE	UG/L	10 U	10 U			
PYRENE	UG/L	10 U	10 U			
BUTYL BENZYL PHTHALATE	UG/L	10 U	10 U			
3,3-DICHLOROBENZIDINE	UG/L	10 U	10 U			
BENZO(A)ANTHRACENE	UG/L	10 U	10 U			
CHRYSENE	UG/L	10 U	10 U			
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10 U	2 J			
DI-N-OCTYL PHTHALATE	UG/L	10 U	10 U			
BENZO(B)FLUORANTHENE	UG/L	10 U	10 U			
BENZO(K)FLUORANTHENE	UG/L	10 U	10 U			
BENZO(A)PYRENE	UG/L	10 U	10 U			
INDENO(1,2,3-CD) PYRENE	UG/L	10 U	10 U			
DIBENZ(AH)ANTHRACENE	UG/L	10 U	10 U			
BENZO(G,H,I)PERYLENE	UG/L	10 U	10 U			

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-201B-ER-00	6-201B-ER-03	6-201B-TB-01	6-201B-TB-02	6-201B-TB-03	6-201C-ER-05
Depth:	RINSE BLANK	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	RINSE BLANK
Date Sampled:	8/25/92	8/28/92	8/25/92	8/27/92	8/28/92	8/30/92
Lab Id:	00439-25	00453-39	00439-26	00448-21	00453-41	00466-02
Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L	0.05 UJ	0.05 UJ			0.05 U
BETA-BHC	UG/L	0.05 UJ	0.05 UJ			0.05 U
DELTA-BHC	UG/L	0.05 UJ	0.05 UJ			0.05 U
GAMMA-BHC(LINDANE)	UG/L	0.05 UJ	0.05 UJ			0.05 U
HEPTACHLOR	UG/L	0.05 UJ	0.05 UJ			0.05 U
ALDRIN	UG/L	0.05 UJ	0.05 UJ			0.05 U
HEPTACHLOR EPOXIDE	UG/L	0.05 UJ	0.05 UJ			0.05 U
ENDOSULFAN I	UG/L	0.05 UJ	0.05 UJ			0.05 U
DIELDRIN	UG/L	0.1 UJ	0.1 UJ			0.1 U
4,4'-DDE	UG/L	0.1 UJ	0.1 UJ			0.1 U
ENDRIN	UG/L	0.1 UJ	0.1 UJ			0.1 U
ENDOSULFAN II	UG/L	0.1 UJ	0.1 UJ			0.1 U
4,4'-DDD	UG/L	0.1 UJ	0.1 UJ			0.1 U
ENDOSULFAN SULFATE	UG/L	0.1 UJ	0.1 UJ			0.1 U
4,4'-DDT	UG/L	0.1 UJ	0.1 UJ			0.1 U
METHOXYCHLOR	UG/L	0.5 UJ	0.5 UJ			0.5 U
ENDRIN KETONE	UG/L	0.1 UJ	0.1 UJ			0.1 U
ENDRIN ALDEHYDE	UG/L	0.1 UJ	0.1 UJ			0.1 U
ALPHA CHLORDANE	UG/L	0.05 UJ	0.05 UJ			0.05 U
GAMMA CHLORDANE	UG/L	0.05 UJ	0.05 UJ			0.05 U
TOXAPHENE	UG/L	5 UJ	5 UJ			5 U
PCB-1016	UG/L	1 UJ	1 UJ			1 U
PCB-1221	UG/L	2 UJ	2 UJ			2 U
PCB-1232	UG/L	1 UJ	1 UJ			1 U
PCB-1242	UG/L	1 UJ	1 UJ			1 U
PCB-1248	UG/L	1 UJ	1 UJ			1 U
PCB-1254	UG/L	1 UJ	1 UJ			1 U
PCB-1260	UG/L	1 UJ	1 UJ			1 U
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	10 U	4 J	10 U	6 J	10 U
ACETONE	UG/L	10 U	10 U	10 U	10 U	21 J
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	6-201B-ER-00	6-201B-ER-03	6-201B-TB-01	6-201B-TB-02	6-201B-TB-03	6-201C-ER-05
Depth:	RINSE BLANK	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	RINSE BLANK
Date Sampled:	8/25/92	8/28/92	8/25/92	8/27/92	8/28/92	8/30/92
Lab Id:	00439-25	00453-39	00439-26	00448-21	00453-41	00466-02
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 U	10 UJ	10 U	10 UJ	10 UJ
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L	10 UJ	10 U			10 U
BIS(2-CHLOROETHYL) ETHER	UG/L	10 UJ	10 U			10 U
2-CHLOROPHENOL	UG/L	10 UJ	10 U			10 U
1,3-DICHLOROBENZENE	UG/L	10 UJ	10 U			10 U
1,4-DICHLOROBENZENE	UG/L	10 UJ	10 U			10 U
1,2-DICHLOROBENZENE	UG/L	10 UJ	10 U			10 U
2-METHYLPHENOL	UG/L	10 UJ	10 U			10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L	10 UJ	10 U			10 U
4-METHYLPHENOL	UG/L	10 UJ	10 U			10 U
N-NITROSODI-N-PROPYLAMINE	UG/L	10 UJ	10 U			10 U
HEXACHLOROETHANE	UG/L	10 UJ	10 U			10 U
NITROBENZENE	UG/L	10 UJ	10 U			10 U
ISOPHORONE	UG/L	10 UJ	10 U			10 U
2-NITROPHENOL	UG/L	10 UJ	10 UJ			10 UJ
2,4-DIMETHYLPHENOL	UG/L	10 UJ	10 U			10 U
BIS(2-CHLOROETHOXY) METHANE	UG/L	10 UJ	10 U			10 U
2,4-DICHLOROPHENOL	UG/L	10 UJ	10 U			10 U
1,2,4-TRICHLOROBENZENE	UG/L	10 UJ	10 U			10 U
NAPHTHALENE	UG/L	10 UJ	10 U			10 U
4-CHLORANILINE	UG/L	10 UJ	10 U			10 U
HEXACHLOROBUTADIENE	UG/L	10 UJ	10 U			10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-201B-ER-00	6-201B-ER-03	6-201B-TB-01	6-201B-TB-02	6-201B-TB-03	6-201C-ER-05
Depth:	RINSE BLANK	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	RINSE BLANK
Date Sampled:	8/25/92	8/28/92	8/25/92	8/27/92	8/28/92	8/30/92
Lab Id:	00439-25	00453-39	00439-26	00448-21	00453-41	00466-02
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L	10 UJ	10 U			10 U
2-METHYLNAPHTHALENE	UG/L	10 UJ	10 U			10 U
HEXACHLOROCYCLOPENTADIENE	UG/L	10 UJ	10 U			10 U
2,4,6-TRICHLOROPHENOL	UG/L	10 UJ	10 U			10 U
2,4,5-TRICHLOROPHENOL	UG/L	25 UJ	25 U			25 U
2-CHLORONAPHTHALENE	UG/L	10 UJ	10 U			10 U
2-NITROANILINE	UG/L	25 UJ	25 U			25 U
DIMETHYL PHTHALATE	UG/L	10 UJ	10 U			10 U
ACENAPHTHYLENE	UG/L	10 UJ	10 U			10 U
2,6-DINITROTOLUENE	UG/L	10 UJ	10 U			10 U
3-NITROANILINE	UG/L	25 UJ	25 U			25 U
ACENAPHTHENE	UG/L	10 UJ	10 U			10 U
2,4-DINITROPHENOL	UG/L	25 UJ	25 U			25 U
4-NITROPHENOL	UG/L	25 UJ	25 U			25 U
DIBENZOFURAN	UG/L	10 UJ	10 U			10 U
2,4-DINITROTOLUENE	UG/L	10 UJ	10 UJ			10 UJ
DIETHYL PHTHALATE	UG/L	10 UJ	10 U			10 U
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 UJ	10 U			10 U
FLUORENE	UG/L	10 UJ	10 U			10 U
4-NITROANILINE	UG/L	25 UJ	25 U			25 U
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 UJ	25 U			25 U
N-NITROSODIPHENYLAMINE	UG/L	10 UJ	10 U			10 U
4-BROMOPHENYL PHENYL ETHER	UG/L	10 UJ	10 U			10 U
HEXACHLOROBENZENE	UG/L	10 UJ	10 U			10 U
PENTACHLOROPHENOL	UG/L	25 UJ	25 U			25 U
PHENANTHRENE	UG/L	10 UJ	10 U			10 U
ANTHRACENE	UG/L	10 UJ	10 U			10 U
DI-N-BUTYL PHTHALATE	UG/L	10 UJ	10 U			10 U
FLUORANTHENE	UG/L	10 UJ	10 UJ			10 UJ
CARBAZOLE	UG/L	10 UJ	10 U			10 U
PYRENE	UG/L	10 UJ	10 U			10 U
BUTYL BENZYL PHTHALATE	UG/L	10 UJ	10 U			10 U
3,3-DICHLOROBENZIDINE	UG/L	10 UJ	10 U			10 U
BENZO(A)ANTHRACENE	UG/L	10 UJ	10 U			10 U
CHRYSENE	UG/L	10 UJ	10 U			10 U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	2 J	10 U			10 U
DI-N-OCTYL PHTHALATE	UG/L	10 UJ	10 UJ			10 UJ
BENZO(B)FLUORANTHENE	UG/L	10 UJ	10 U			10 U
BENZO(K)FLUORANTHENE	UG/L	10 UJ	10 U			10 U
BENZO(A)PYRENE	UG/L	10 UJ	10 U			10 U
INDENO(1,2,3-CD) PYRENE	UG/L	10 UJ	10 U			10 U
DIBENZ(A,H)ANTHRACENE	UG/L	10 UJ	10 UJ			10 UJ
BENZO(G,H,I)PERYLENE	UG/L	10 UJ	10 U			10 U

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SITE 6 & 9
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	6-201C-ER-5	6-201C-TB-04	6-201C-TB-05	6-201C-TB-06	6-201E-ER-11	6-201E-ER-13
Depth:	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	8/30/92	8/28/92	8/31/92	9/01/92	9/12/92	9/13/92
Lab Id:	00466-01	00456-04	00466-04	00475-08	00506-01	00509-01
Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L	0.05 UJ			0.05 UJ	0.05 U
BETA-BHC	UG/L	0.05 UJ			0.05 UJ	0.05 U
DELTA-BHC	UG/L	0.05 UJ			0.05 UJ	0.05 U
GAMMA-BHC(LINDANE)	UG/L	0.05 UJ			0.05 UJ	0.05 U
HEPTACHLOR	UG/L	0.05 UJ			0.05 UJ	0.05 U
ALDRIN	UG/L	0.05 UJ			0.05 UJ	0.05 U
HEPTACHLOR EPOXIDE	UG/L	0.05 UJ			0.05 UJ	0.05 U
ENDOSULFAN I	UG/L	0.05 UJ			0.05 UJ	0.05 U
DIELDRIN	UG/L	0.1 UJ			0.1 UJ	0.1 U
4,4'-DDE	UG/L	0.1 UJ			0.1 UJ	0.1 U
ENDRIN	UG/L	0.1 UJ			0.1 UJ	0.1 U
ENDOSULFAN II	UG/L	0.1 UJ			0.1 UJ	0.1 U
4,4'-DDD	UG/L	0.1 UJ			0.1 UJ	0.1 U
ENDOSULFAN SULFATE	UG/L	0.1 UJ			0.1 UJ	0.1 U
4,4'-DDT	UG/L	0.1 UJ			0.1 UJ	0.1 U
METHOXYCHLOR	UG/L	0.5 UJ			0.5 UJ	0.5 U
ENDRIN KETONE	UG/L	0.1 UJ			0.1 UJ	0.1 U
ENDRIN ALDEHYDE	UG/L	0.1 UJ			0.1 UJ	0.1 U
ALPHA CHLORDANE	UG/L	0.05 UJ			0.05 UJ	0.05 U
GAMMA CHLORDANE	UG/L	0.05 UJ			0.05 UJ	0.05 U
TOXAPHENE	UG/L	5 UJ			5 UJ	5 U
PCB-1016	UG/L	1 UJ			1 UJ	1 U
PCB-1221	UG/L	2 UJ			2 UJ	2 U
PCB-1232	UG/L	1 UJ			1 UJ	1 U
PCB-1242	UG/L	1 UJ			1 UJ	1 U
PCB-1248	UG/L	1 UJ			1 UJ	1 U
PCB-1254	UG/L	1 UJ			1 UJ	1 U
PCB-1260	UG/L	1 UJ			1 UJ	1 U
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	10 U	4 J	10 U	4 J	7 J
ACETONE	UG/L	27 J	10 U	10 U	10 U	10 U
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-201C-ER-5	6-201C-TB-04	6-201C-TB-05	6-201C-TB-06	6-201E-ER-11	6-201E-ER-13
Depth:	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	8/30/92	8/28/92	8/31/92	9/01/92	9/12/92	9/13/92
Lab Id:	00466-01	00456-04	00466-04	00475-08	00506-01	00509-01
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 UJ	10 U	10 UJ	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L	10 U			10 U	10 U
BIS(2-CHLOROETHYL) ETHER	UG/L	10 U			10 U	10 U
2-CHLOROPHENOL	UG/L	10 U			10 U	10 U
1,3-DICHLOROBENZENE	UG/L	10 U			10 U	10 U
1,4-DICHLOROBENZENE	UG/L	10 U			10 U	10 U
1,2-DICHLOROBENZENE	UG/L	10 U			10 U	10 U
2-METHYLPHENOL	UG/L	10 U			10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L	10 U			10 U	10 U
4-METHYLPHENOL	UG/L	10 U			10 U	10 U
N-NITROSODI-N-PROPYLAMINE	UG/L	10 U			10 U	10 U
HEXACHLOROETHANE	UG/L	10 U			10 U	10 U
NITROBENZENE	UG/L	10 U			10 U	10 U
ISOPHORONE	UG/L	10 U			10 U	10 U
2-NITROPHENOL	UG/L	10 U			10 U	10 U
2,4-DIMETHYLPHENOL	UG/L	10 U			10 U	10 U
BIS(2-CHLOROETHOXY) METHANE	UG/L	10 U			10 U	10 U
2,4-DICHLOROPHENOL	UG/L	10 U			10 U	10 U
1,2,4-TRICHLOROBENZENE	UG/L	10 U			10 U	10 U
NAPHTHALENE	UG/L	10 U			10 U	10 U
4-CHLORANILINE	UG/L	10 U			10 U	10 U
HEXACHLOROBUTADIENE	UG/L	10 U			10 U	10 U

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SITE 6 & 9
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	6-201C-ER-5	6-201C-TB-04	6-201C-TB-05	6-201C-TB-06	6-201E-ER-11	6-201E-ER-13
Depth:	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	8/30/92	8/28/92	8/31/92	9/01/92	9/12/92	9/13/92
Lab Id:	00466-01	00456-04	00466-04	00475-08	00506-01	00509-01
Parameter	Units					
<u>SEMIVOLATILES Cont:</u>						
4-CHLORO-3-METHYLPHENOL	UG/L	10 U			10 U	10 U
2-METHYLNAPHTHALENE	UG/L	10 U			10 U	10 U
HEXACHLOROCYCLOPENTADIENE	UG/L	10 U			10 U	10 U
2,4,6-TRICHLOROPHENOL	UG/L	10 U			10 U	10 U
2,4,5-TRICHLOROPHENOL	UG/L	25 U			25 U	25 U
2-CHLORONAPHTHALENE	UG/L	10 U			10 U	10 U
2-NITROANILINE	UG/L	25 U			25 U	25 U
DIMETHYL PHTHALATE	UG/L	10 U			10 U	10 U
ACENAPHTHYLENE	UG/L	10 U			10 U	10 U
2,6-DINITROTOLUENE	UG/L	10 U			10 U	10 U
3-NITROANILINE	UG/L	25 U			25 U	25 U
ACENAPHTHENE	UG/L	10 U			10 U	10 U
2,4-DINITROPHENOL	UG/L	25 U			25 U	25 U
4-NITROPHENOL	UG/L	25 U			25 U	25 U
DIBENZOFURAN	UG/L	10 U			10 U	10 U
2,4-DINITROTOLUENE	UG/L	10 U			10 U	10 U
DIETHYL PHTHALATE	UG/L	10 U			10 U	10 U
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 U			10 U	10 U
FLUORENE	UG/L	10 U			10 U	10 U
4-NITROANILINE	UG/L	25 U			25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 U			25 U	25 U
N-NITRISODIPHENYLAMINE	UG/L	10 U			10 U	10 U
4-BROMOPHENYL PHENYL ETHER	UG/L	10 U			10 U	10 U
HEXACHLOROBENZENE	UG/L	10 U			10 U	10 U
PENTACHLOROPHENOL	UG/L	25 U			25 U	25 U
PHENANTHRENE	UG/L	10 U			10 U	10 U
ANTHRACENE	UG/L	10 U			10 U	10 U
DI-N-BUTYL PHTHALATE	UG/L	10 U			10 U	10 U
FLUORANTHENE	UG/L	10 U			10 U	10 U
CARBAZOLE	UG/L	10 U			10 U	10 U
PYRENE	UG/L	10 U			10 U	10 U
BUTYL BENZYL PHTHALATE	UG/L	10 U			10 U	10 U
3,3-DICHLOROBENZIDINE	UG/L	10 U			10 U	10 U
BENZO(A)ANTHRACENE	UG/L	10 U			10 U	10 U
CHRYSENE	UG/L	10 U			10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10 U			10 U	10 U
DI-N-OCTYL PHTHALATE	UG/L	10 U			10 U	10 U
BENZO(B)FLUORANTHENE	UG/L	10 U			10 U	10 U
BENZO(K)FLUORANTHENE	UG/L	10 U			10 U	10 U
BENZO(A)PYRENE	UG/L	10 U			10 U	10 U
INDENO(1,2,3-CD) PYRENE	UG/L	10 U			10 U	10 U
DIBENZ(A,H)ANTHRACENE	UG/L	10 U			10 U	10 U
BENZO(G,H,I)PERYLENE	UG/L	10 U			10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-201E-TB-12	6-201E-TB-13	6-201N-TB-11	6-201S-ER-15	6-201S-ER-19	6-201S-TB-14
Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK	TRIP BLANK
Date Sampled:	9/12/92	9/12/92	9/11/92	9/15/92	9/24/92	9/14/92
Lab Id:	00506-03	00506-04	00503-08	00517-01	00536-31	00509-03

Parameter	Units						
<u>PESTICIDE/PCBS</u>							
ALPHA-BHC	UG/L				0.05 UJ	0.05 UJ	
BETA-BHC	UG/L				0.05 UJ	0.05 UJ	
DELTA-BHC	UG/L				0.05 UJ	0.05 UJ	
GAMMA-BHC(LINDANE)	UG/L				0.05 UJ	0.05 UJ	
HEPTACHLOR	UG/L				0.05 UJ	0.05 UJ	
ALDRIN	UG/L				0.05 UJ	0.05 UJ	
HEPTACHLOR EPOXIDE	UG/L				0.05 UJ	0.05 UJ	
ENDOSULFAN I	UG/L				0.05 UJ	0.05 UJ	
DIELDRIN	UG/L				0.1 UJ	0.1 UJ	
4,4'-DDE	UG/L				0.1 UJ	0.1 UJ	
ENDRIN	UG/L				0.1 UJ	0.1 UJ	
ENDOSULFAN II	UG/L				0.1 UJ	0.1 UJ	
4,4'-DDD	UG/L				0.1 UJ	0.1 UJ	
ENDOSULFAN SULFATE	UG/L				0.1 UJ	0.1 UJ	
4,4'-DDT	UG/L				0.1 UJ	0.1 UJ	
METHOXYCHLOR	UG/L				0.5 UJ	0.5 UJ	
ENDRIN KETONE	UG/L				0.1 UJ	0.1 UJ	
ENDRIN ALDEHYDE	UG/L				0.1 UJ	0.1 UJ	
ALPHA CHLORDANE	UG/L				0.05 UJ	0.05 UJ	
GAMMA CHLORDANE	UG/L				0.05 UJ	0.05 UJ	
TOXAPHENE	UG/L				5 UJ	5 UJ	
PCB-1016	UG/L				1 UJ	1 UJ	
PCB-1221	UG/L				2 UJ	2 UJ	
PCB-1232	UG/L				1 UJ	1 UJ	
PCB-1242	UG/L				1 UJ	1 UJ	
PCB-1248	UG/L				1 UJ	1 UJ	
PCB-1254	UG/L				1 UJ	1 UJ	
PCB-1260	UG/L				1 UJ	1 UJ	
<u>VOLATILES</u>							
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	10 U	10 U	10 UJ	10 U	10 U	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 UJ	10 U
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	2 J	2 J	8 J	4 J	15	3 J
ACETONE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE	UG/L	4 J	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

	Sample No:	6-201E-TB-12	6-201E-TB-13	6-201N-TB-11	6-201S-ER-15	6-201S-ER-19	6-201S-TB-14
	Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK	TRIP BLANK
	Date Sampled:	9/12/92	9/12/92	9/11/92	9/15/92	9/24/92	9/14/92
	Lab Id:	00506-03	00506-04	00503-08	00517-01	00536-31	00509-03
Parameter	Units						
<u>VOLATILES Cont.</u>							
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROENZENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>							
PHENOL	UG/L				10 U	10 U	
BIS(2-CHLOROETHYL) ETHER	UG/L				10 U	10 U	
2-CHLOROPHENOL	UG/L				10 U	10 U	
1,3-DICHLOROBENZENE	UG/L				10 U	10 U	
1,4-DICHLOROBENZENE	UG/L				10 U	10 U	
1,2-DICHLOROBENZENE	UG/L				10 U	10 U	
2-METHYLPHENOL	UG/L				10 U	10 U	
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L				10 U	10 U	
4-METHYLPHENOL	UG/L				10 U	10 U	
N-NITROSODI-N-PROPYLAMINE	UG/L				10 U	10 U	
HEXACHLOROETHANE	UG/L				10 U	10 U	
NITROBENZENE	UG/L				10 U	10 U	
ISOPHORONE	UG/L				10 U	10 U	
2-NITROPHENOL	UG/L				10 U	10 U	
2,4-DIMETHYLPHENOL	UG/L				10 U	10 U	
BIS(2-CHLOROETHOXY) METHANE	UG/L				10 U	10 U	
2,4-DICHLOROPHENOL	UG/L				10 U	10 U	
1,2,4-TRICHLOROBENZENE	UG/L				10 U	10 U	
NAPHTHALENE	UG/L				10 U	10 U	
4-CHLORANILINE	UG/L				10 U	10 U	
HEXACHLOROBUTADIENE	UG/L				10 U	10 U	

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-201E-TB-12	6-201E-TB-13	6-201N-TB-11	6-201S-ER-15	6-201S-ER-19	6-201S-TB-14
Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK	TRIP BLANK
Date Sampled:	9/12/92	9/12/92	9/11/92	9/15/92	9/24/92	9/14/92
Lab Id:	00506-03	00506-04	00503-08	00517-01	00536-31	00509-03
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L			10 U	10 U	
2-METHYLNAPHTHALENE	UG/L			10 U	10 U	
HEXACHLOROCYCLOPENTADIENE	UG/L			10 U	10 U	
2,4,6-TRICHLOROPHENOL	UG/L			10 U	10 U	
2,4,5-TRICHLOROPHENOL	UG/L			25 U	25 U	
2-CHLORONAPHTHALENE	UG/L			10 U	10 U	
2-NITROANILINE	UG/L			25 U	25 U	
DIMETHYL PHTHALATE	UG/L			10 U	10 U	
ACENAPHTHYLENE	UG/L			10 U	10 U	
2,6-DINITROTOLUENE	UG/L			10 U	10 U	
3-NITROANILINE	UG/L			25 U	25 U	
ACENAPHTHENE	UG/L			10 U	10 U	
2,4-DINITROPHENOL	UG/L			25 U	25 U	
4-NITROPHENOL	UG/L			25 U	25 U	
DIBENZOFURAN	UG/L			10 U	10 U	
2,4-DINITROTOLUENE	UG/L			10 U	10 U	
DIETHYL PHTHALATE	UG/L			10 U	10 U	
4-CHLOROPHENYL PHENYL ETHER	UG/L			10 U	10 U	
FLUORENE	UG/L			10 UJ	10 U	
4-NITROANILINE	UG/L			25 U	25 U	
4,6-DINITRO-2-METHYLPHENOL	UG/L			25 U	25 U	
N-NITROSODIPHENYLAMINE	UG/L			10 U	10 U	
4-BROMOPHENYL PHENYL ETHER	UG/L			10 U	10 U	
HEXACHLOROBENZENE	UG/L			10 U	10 U	
PENTACHLOROPHENOL	UG/L			25 U	25 UJ	
PHENANTHRENE	UG/L			10 U	10 U	
ANTHRACENE	UG/L			10 U	10 U	
DI-N-BUTYL PHTHALATE	UG/L			10 U	10 U	
FLUORANTHENE	UG/L			10 U	10 U	
CARBAZOLE	UG/L			10 U	10 U	
PYRENE	UG/L			10 U	10 UJ	
BUTYL BENZYL PHTHALATE	UG/L			10 U	10 U	
3,3-DICHLOROBENZIDINE	UG/L			10 U	10 U	
BENZO(A)ANTHRACENE	UG/L			10 U	10 U	
CHRYSENE	UG/L			10 U	10 U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L			10 U	10 U	
DI-N-OCTYL PHTHALATE	UG/L			10 UJ	10 UJ	
BENZO(B)FLUORANTHENE	UG/L			10 U	10 U	
BENZO(K)FLUORANTHENE	UG/L			10 U	10 UJ	
BENZO(A)PYRENE	UG/L			10 U	10 U	
INDENO(1,2,3-CD) PYRENE	UG/L			10 U	10 UJ	
DIBENZ(AH)ANTHRACENE	UG/L			10 U	10 U	
BENZO(G,H,I)PERYLENE	UG/L			10 U	10 U	

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-2015-TB-15	6-2015-TB-20	6-203-ER-10	6-2030-ER-13	6-2030-TB-13	6-2030SA-EB-08
Depth:	TRIP BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK	TRIP BLANK	RINSE BLANK
Date Sampled:	9/15/92	9/24/92	9/11/92	9/14/92	9/14/92	9/9/92
Lab Id:	00517-02	00536-32	00506-05	00509-05	00509-06	00497-05

Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L		0.05 UJ		0.05 U	0.05 UJ
BETA-BHC	UG/L		0.05 UJ		0.05 U	0.05 UJ
DELTA-BHC	UG/L		0.05 UJ		0.05 U	0.05 UJ
GAMMA-BHC(LINDANE)	UG/L		0.05 UJ		0.05 U	0.05 UJ
HEPTACHLOR	UG/L		0.05 UJ		0.05 U	0.05 UJ
ALDRIN	UG/L		0.05 UJ		0.05 U	0.05 UJ
HEPTACHLOR EPOXIDE	UG/L		0.05 UJ		0.05 U	0.05 UJ
ENDOSULFAN I	UG/L		0.05 UJ		0.05 U	0.05 UJ
DIELDRIN	UG/L		0.1 UJ		0.1 U	0.1 UJ
4,4'-DDE	UG/L		0.1 UJ		0.1 U	0.1 UJ
ENDRIN	UG/L		0.1 UJ		0.1 U	0.1 UJ
ENDOSULFAN II	UG/L		0.1 UJ		0.1 U	0.1 UJ
4,4'-DDD	UG/L		0.1 UJ		0.1 U	0.1 UJ
ENDOSULFAN SULFATE	UG/L		0.1 UJ		0.1 U	0.1 UJ
4,4'-DDT	UG/L		0.1 UJ		0.1 U	0.1 UJ
METHOXYCHLOR	UG/L		0.5 UJ		0.5 U	0.5 UJ
ENDRIN KETONE	UG/L		0.1 UJ		0.1 U	0.1 UJ
ENDRIN ALDEHYDE	UG/L		0.1 UJ		0.1 U	0.1 UJ
ALPHA CHLORDANE	UG/L		0.05 UJ		0.05 U	0.05 UJ
GAMMA CHLORDANE	UG/L		0.05 UJ		0.05 U	0.05 UJ
TOXAPHENE	UG/L		5 UJ		5 U	5 UJ
PCB-1016	UG/L		1 UJ		1 U	1 UJ
PCB-1221	UG/L		2 UJ		2 U	2 UJ
PCB-1232	UG/L		1 UJ		1 U	1 UJ
PCB-1242	UG/L		1 UJ		1 U	1 UJ
PCB-1248	UG/L		1 UJ		1 U	1 UJ
PCB-1254	UG/L		1 UJ		1 U	1 UJ
PCB-1260	UG/L		1 UJ		1 U	1 UJ
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	10 U	10 U	10 U	10 U	10 UJ
VINYL CHLORIDE	UG/L	10 U	10 UJ	10 U	10 U	10 U
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	5 J	10	3 J	6 J	10 U
ACETONE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-201S-TB-15	6-201S-TB-20	6-203-ER-10	6-2030-ER-13	6-2030-TB-13	6-2030SA-EB-08
Depth:	TRIP BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK	TRIP BLANK	RINSE BLANK
Date Sampled:	9/15/92	9/24/92	9/11/92	9/14/92	9/14/92	9/9/92
Lab Id:	00517-02	00536-32	00506-05	00509-05	00509-06	00497-05
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 UJ	10 U	10 U	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L		10 U	10 U		10 U
BIS(2-CHLOROETHYL) ETHER	UG/L		10 U	10 U		10 U
2-CHLOROPHENOL	UG/L		10 U	10 U		10 U
1,3-DICHLOROBENZENE	UG/L		10 U	10 U		10 U
1,4-DICHLOROBENZENE	UG/L		10 U	10 U		10 U
1,2-DICHLOROBENZENE	UG/L		10 U	10 U		10 U
2-METHYLPHENOL	UG/L		10 U	10 U		10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L		10 U	10 U		10 U
4-METHYLPHENOL	UG/L		10 U	10 U		10 U
N-NITROSODI-N-PROPYLAMINE	UG/L		10 U	10 U		10 U
HEXACHLOROETHANE	UG/L		10 U	10 U		10 U
NITROBENZENE	UG/L		10 U	10 U		10 U
ISOPHORONE	UG/L		10 U	10 U		10 U
2-NITROPHENOL	UG/L		10 U	10 U		10 U
2,4-DIMETHYLPHENOL	UG/L		10 U	10 U		10 U
BIS(2-CHLOROETHOXY) METHANE	UG/L		10 U	10 U		10 U
2,4-DICHLOROPHENOL	UG/L		10 U	10 U		10 U
1,2,4-TRICHLOROBENZENE	UG/L		10 U	10 U		10 U
NAPHTHALENE	UG/L		10 U	10 U		10 U
4-CHLORANILINE	UG/L		10 U	10 U		10 U
HEXACHLOROBUTADIENE	UG/L		10 U	10 U		10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-201S-TB-15	6-201S-TB-20	6-203-ER-10	6-2030-ER-13	6-2030-TB-13	6-2030SA-EB-08
Depth:	TRIP BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK	TRIP BLANK	RINSE BLANK
Date Sampled:	9/15/92	9/24/92	9/11/92	9/14/92	9/14/92	9/9/92
Lab Id:	00517-02	00536-32	00506-05	00509-05	00509-06	00497-05
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L		10 U		10 U	10 U
2-METHYLNAPHTHALENE	UG/L		10 U		10 U	10 U
HEXACHLOROCYCLOPENTADIENE	UG/L		10 U		10 U	10 U
2,4,6-TRICHLOROPHENOL	UG/L		10 U		10 U	10 U
2,4,5-TRICHLOROPHENOL	UG/L		25 U		25 U	25 U
2-CHLORONAPHTHALENE	UG/L		10 U		10 U	10 U
2-NITROANILINE	UG/L		25 U		25 U	25 U
DIMETHYL PHTHALATE	UG/L		10 U		10 U	10 U
ACENAPHTHYLENE	UG/L		10 U		10 U	10 U
2,6-DINITROTOLUENE	UG/L		10 U		10 U	10 U
3-NITROANILINE	UG/L		25 U		25 U	25 U
ACENAPHTHENE	UG/L		10 U		10 U	10 U
2,4-DINITROPHENOL	UG/L		25 U		25 U	25 UJ
4-NITROPHENOL	UG/L		25 U		25 U	25 U
DIBENZOFURAN	UG/L		10 U		10 U	10 U
2,4-DINITROTOLUENE	UG/L		10 U		10 U	10 UJ
DIETHYL PHTHALATE	UG/L		10 U		10 U	1 J
4-CHLOROPHENYL PHENYL ETHER	UG/L		10 U		10 U	10 U
FLUORENE	UG/L		10 UJ		10 U	10 U
4-NITROANILINE	UG/L		25 U		25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	UG/L		25 U		25 U	25 U
N-NITRISODIPHENYLAMINE	UG/L		10 U		10 U	10 U
4-BROMOPHENYL PHENYL ETHER	UG/L		10 U		10 U	10 U
HEXACHLOROBENZENE	UG/L		10 U		10 U	10 U
PENTACHLOROPHENOL	UG/L		25 U		25 UJ	25 U
PHENANTHRENE	UG/L		10 U		10 U	10 U
ANTHRACENE	UG/L		10 U		10 U	10 U
DI-N-BUTYL PHTHALATE	UG/L		10 U		10 U	10 U
FLUORANTHENE	UG/L		10 U		10 U	10 U
CARBAZOLE	UG/L		10 U		10 U	10 U
PYRENE	UG/L		10 U		10 UJ	10 U
BUTYL BENZYL PHTHALATE	UG/L		10 U		10 U	10 U
3,3-DICHLOROBENZIDINE	UG/L		10 U		10 U	10 U
BENZO(A)ANTHRACENE	UG/L		10 U		10 U	10 U
CHRYSENE	UG/L		10 U		10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L		10 U		10 U	3 J
DI-N-OCTYL PHTHALATE	UG/L		10 UJ		10 UJ	10 U
BENZO(B)FLUORANTHENE	UG/L		10 U		10 U	10 U
BENZO(K)FLUORANTHENE	UG/L		10 U		10 U	10 U
BENZO(A)PYRENE	UG/L		10 U		10 U	10 U
INDENO(1,2,3-CD) PYRENE	UG/L		10 U		10 U	10 U
DIBENZ(AH)ANTHRACENE	UG/L		10 U		10 U	10 U
BENZO(G,H,I)PERYLENE	UG/L		10 U		10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-2030SA-ER-21	6-2030SA-ER-22	6-2030SA-ER-23	6-2030SA-ER-24	6-2030SA-ER-25	6-2030SA-ER-27
Depth:	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	10/6/92	10/7/92	10/09/92	10/10/92	10/11/92	10/20/92
Lab Id:	00564-09	00564-16	00570-09	00570-26	00570-27	00582-13
Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
BETA-BHC	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
DELTA-BHC	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
GAMMA-BHC(LINDANE)	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
HEPTACHLOR	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
ALDRIN	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
HEPTACHLOR EPOXIDE	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
ENDOSULFAN I	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
DIELDRIN	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
4,4'-DDE	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
ENDRIN	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
ENDOSULFAN II	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
4,4'-DDD	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
ENDOSULFAN SULFATE	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
4,4'-DDT	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
METHOXYCHLOR	UG/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
ENDRIN KETONE	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
ENDRIN ALDEHYDE	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
ALPHA CHLORDANE	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
GAMMA CHLORDANE	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
TOXAPHENE	UG/L	5 UJ	5 UJ	5 UJ	5 U	5 UJ
PCB-1016	UG/L	1 UJ	1 UJ	1 UJ	1 U	1 UJ
PCB-1221	UG/L	2 UJ	2 UJ	2 UJ	2 U	2 UJ
PCB-1232	UG/L	1 UJ	1 UJ	1 UJ	1 U	1 UJ
PCB-1242	UG/L	1 UJ	1 UJ	1 UJ	1 U	1 UJ
PCB-1248	UG/L	1 UJ	1 UJ	1 UJ	1 U	1 UJ
PCB-1254	UG/L	1 UJ	1 UJ	1 UJ	1 U	1 UJ
PCB-1260	UG/L	1 UJ	1 UJ	1 UJ	1 U	1 UJ
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
ACETONE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-2030SA-ER-21	6-2030SA-ER-22	6-2030SA-ER-23	6-2030SA-ER-24	6-2030SA-ER-25	6-2030SA-ER-27
Depth:	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	10/6/92	10/7/92	10/09/92	10/10/92	10/11/92	10/20/92
Lab Id:	00564-09	00564-16	00570-09	00570-26	00570-27	00582-13
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL) ETHER	UG/L	10 U	10 U	10 U	10 U	10 U
2-CHLOROPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
1,3-DICHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,4-DICHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
2-METHYLPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L	10 UJ	10 U	10 U	10 U	10 U
4-METHYLPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
N-NITROSODI-N-PROPYLAMINE	UG/L	10 UJ	10 U	10 U	10 U	10 UJ
HEXACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
NITROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ISOPHORONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-NITROPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHOXY) METHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2,4-DICHLOROPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
1,2,4-TRICHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
NAPHTHALENE	UG/L	10 U	10 U	10 U	10 U	10 U
4-CHLORANILINE	UG/L	10 U	10 U	10 UJ	10 UJ	10 U
HEXACHLOROBUTADIENE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-2030SA-ER-21	6-2030SA-ER-22	6-2030SA-ER-23	6-2030SA-ER-24	6-2030SA-ER-25	6-2030SA-ER-27
Depth:	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	10/6/92	10/7/92	10/09/92	10/10/92	10/11/92	10/20/92
Lab Id:	00564-09	00564-16	00570-09	00570-26	00570-27	00582-13
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	UG/L	10 U	10 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	UG/L	10 U	10 U	10 U	10 U	10 U
2,4,6-TRICHLOROPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
2,4,5-TRICHLOROPHENOL	UG/L	25 U	25 U	25 U	25 U	25 U
2-CHLORONAPHTHALENE	UG/L	10 U	10 U	10 U	10 U	10 U
2-NITROANILINE	UG/L	25 U	25 U	25 U	25 U	25 U
DIMETHYL PHTHALATE	UG/L	10 U	10 U	10 U	10 U	10 U
ACENAPHTHYLENE	UG/L	10 U	10 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
3-NITROANILINE	UG/L	25 U	25 U	25 U	25 U	25 U
ACENAPHTHENE	UG/L	10 U	10 U	10 U	10 U	10 U
2,4-DINITROPHENOL	UG/L	25 U	25 U	25 U	25 U	25 U
4-NITROPHENOL	UG/L	25 U	25 U	25 U	25 U	25 U
DIBENZOFURAN	UG/L	10 U	10 U	10 U	10 U	10 U
2,4-DINITROTOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIETHYL PHTHALATE	UG/L	10 U	10 U	10 U	10 U	10 U
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 U	10 U	10 U	10 U	10 U
FLUORENE	UG/L	10 U	10 U	10 U	10 U	10 U
4-NITROANILINE	UG/L	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 U	25 U	25 U	25 U	25 U
N-NITRISODIPHENYLAMINE	UG/L	10 U	10 U	10 U	10 U	10 U
4-BROMOPHENYL PHENYL ETHER	UG/L	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
PENTACHLOROPHENOL	UG/L	25 U	25 U	25 U	25 U	25 U
PHENANTHRENE	UG/L	10 U	10 U	10 U	10 U	10 U
ANTHRACENE	UG/L	10 U	10 U	10 U	10 U	10 U
DI-N-BUTYL PHTHALATE	UG/L	10 U	10 U	10 U	10 U	10 U
FLUORANTHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBAZOLE	UG/L	10 U	10 U	10 U	10 U	10 U
PYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
BUTYL BENZYL PHTHALATE	UG/L	10 U	10 U	10 U	10 U	10 U
3,3-DICHLOROBENZIDINE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZO(A)ANTHRACENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHRYSENE	UG/L	10 U	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10 U	10 U	10 U	7 J	10 U
DI-N-OCTYL PHTHALATE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZO(B)FLUORANTHENE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZO(K)FLUORANTHENE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZO(A)PYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
INDENO(1,2,3-CD) PYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIBENZ(A,H)ANTHRACENE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO--0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-2030SA-ER-27	6-2030SA-TB-05	6-2030SA-TB-06	6-2030SA-TB-08	6-2030SA-TB-09	6-2030SA-TB-11
Depth:	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	10/26/92	8/31/92	8/31/92	9/9/92	9/9/92	9/12/92
Lab Id:	00593-24	00467-38	00467-39	00497-07	00497-23	00506-07
Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L	0.05 UJ				
BETA-BHC	UG/L	0.05 UJ				
DELTA-BHC	UG/L	0.05 UJ				
GAMMA-BHC(LINDANE)	UG/L	0.05 UJ				
HEPTACHLOR	UG/L	0.05 UJ				
ALDRIN	UG/L	0.05 UJ				
HEPTACHLOR EPOXIDE	UG/L	0.05 UJ				
ENDOSULFAN I	UG/L	0.05 UJ				
DIELDRIN	UG/L	0.1 UJ				
4,4'-DDE	UG/L	0.1 UJ				
ENDRIN	UG/L	0.1 UJ				
ENDOSULFAN II	UG/L	0.1 UJ				
4,4'-DDD	UG/L	0.1 UJ				
ENDOSULFAN SULFATE	UG/L	0.1 UJ				
4,4'-DDT	UG/L	0.1 UJ				
METHOXYCHLOR	UG/L	0.5 UJ				
ENDRIN KETONE	UG/L	0.1 UJ				
ENDRIN ALDEHYDE	UG/L	0.1 UJ				
ALPHA CHLORDANE	UG/L	0.05 UJ				
GAMMA CHLORDANE	UG/L	0.05 UJ				
TOXAPHENE	UG/L	5 UJ				
PCB-1016	UG/L	1 UJ				
PCB-1221	UG/L	2 UJ				
PCB-1232	UG/L	1 UJ				
PCB-1242	UG/L	1 UJ				
PCB-1248	UG/L	1 UJ				
PCB-1254	UG/L	1 UJ				
PCB-1260	UG/L	1 UJ				
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 UJ	10 U
BROMOMETHANE	UG/L	10 U	10 U	10 U	10 UJ	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 UJ	10 U
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	6 J	10 U	10 U	4 J	5 J
ACETONE	UG/L	10 U	10 U	10 U	10 UJ	10 U
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 UJ	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 UJ	10 U
1,1-DICHLOROETHANE	UG/L	10 UJ	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 UJ	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 UJ	10 U

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SITE 6 & 9
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	6-2030SA-ER-27	6-2030SA-TB-05	6-2030SA-TB-06	6-2030SA-TB-08	6-2030SA-TB-09	6-2030SA-TB-11
Depth:	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	10/26/92	8/31/92	8/31/92	9/9/92	9/9/92	9/12/92
Lab Id:	00593-24	00467-38	00467-39	00497-07	00497-23	00506-07
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 UJ	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 UJ	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 UJ	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 U	10 UJ	10 UJ	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 UJ	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 UJ	10 U
CHLOROBENZENE	UG/L	10 U	10 U	10 U	10 UJ	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 UJ	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 UJ	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 UJ	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L	10 U				
BIS(2-CHLOROETHYL) ETHER	UG/L	10 U				
2-CHLOROPHENOL	UG/L	10 U				
1,3-DICHLOROBENZENE	UG/L	10 U				
1,4-DICHLOROBENZENE	UG/L	10 U				
1,2-DICHLOROBENZENE	UG/L	10 U				
2-METHYLPHENOL	UG/L	10 U				
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L	10 U				
4-METHYLPHENOL	UG/L	10 U				
N-NITROSODI-N-PROPYLAMINE	UG/L	10 U				
HEXACHLOROETHANE	UG/L	10 U				
NITROBENZENE	UG/L	10 U				
ISOPHORONE	UG/L	10 U				
2-NITROPHENOL	UG/L	10 U				
2,4-DIMETHYLPHENOL	UG/L	10 U				
BIS(2-CHLOROETHOXY) METHANE	UG/L	10 U				
2,4-DICHLOROPHENOL	UG/L	10 U				
1,2,4-TRICHLOROBENZENE	UG/L	10 U				
NAPHTHALENE	UG/L	10 U				
4-CHLORANILINE	UG/L	10 U				
HEXACHLOROBUTADIENE	UG/L	10 U				

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-2030SA-ER-27	6-2030SA-TB-05	6-2030SA-TB-06	6-2030SA-TB-08	6-2030SA-TB-09	6-2030SA-TB-11
Depth:	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	10/26/92	8/31/92	8/31/92	9/9/92	9/9/92	9/12/92
Lab Id:	00593-24	00467-38	00467-39	00497-07	00497-23	00506-07

Parameter	Units	
SEMIVOLATILES Cont.		
4-CHLORO-3-METHYLPHENOL	UG/L	10 U
2-METHYLNAPHTHALENE	UG/L	10 U
HEXACHLOROCYCLOPENTADIENE	UG/L	10 U
2,4,6-TRICHLOROPHENOL	UG/L	10 U
2,4,5-TRICHLOROPHENOL	UG/L	25 U
2-CHLORONAPHTHALENE	UG/L	10 U
2-NITROANILINE	UG/L	25 U
DIMETHYL PHTHALATE	UG/L	10 U
ACENAPHTHYLENE	UG/L	10 U
2,6-DINITROTOLUENE	UG/L	10 UJ
3-NITROANILINE	UG/L	25 U
ACENAPHTHENE	UG/L	10 U
2,4-DINITROPHENOL	UG/L	25 UJ
4-NITROPHENOL	UG/L	25 U
DIBENZOFURAN	UG/L	10 U
2,4-DINITROTOLUENE	UG/L	10 U
DIETHYL PHTHALATE	UG/L	10 U
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 U
FLUORENE	UG/L	10 U
4-NITROANILINE	UG/L	25 U
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 U
N-NITROSODIPHENYLAMINE	UG/L	10 U
4-BROMOPHENYL PHENYL ETHER	UG/L	10 U
HEXACHLOROBENZENE	UG/L	10 U
PENTACHLOROPHENOL	UG/L	25 U
PHENANTHRENE	UG/L	10 U
ANTHRACENE	UG/L	10 U
DI-N-BUTYL PHTHALATE	UG/L	10 U
FLUORANTHENE	UG/L	10 U
CARBAZOLE	UG/L	10 U
PYRENE	UG/L	10 U
BUTYL BENZYL PHTHALATE	UG/L	10 U
3,3-DICHLOROBENZIDINE	UG/L	10 U
BENZO(A)ANTHRACENE	UG/L	10 U
CHRYSENE	UG/L	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10 U
DI-N-OCTYL PHTHALATE	UG/L	10 U
BENZO(B)FLUORANTHENE	UG/L	10 U
BENZO(K)FLUORANTHENE	UG/L	10 U
BENZO(A)PYRENE	UG/L	10 U
INDENO(1,2,3-CD) PYRENE	UG/L	10 U
DIBENZ(A,H)ANTHRACENE	UG/L	10 U
BENZO(G,H,I)PERYLENE	UG/L	10 U

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SITE 6 & 9
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	6-2030SA-TB-12	6-203DDT-ER-06	6-203DDT-ER-09	6-203DDT-FB-01	6-203DDT-TB-07	6-203DDT-TB-09
Depth:	TRIP BLANK	RINSE BLANK	RINSE BLANK	FIELD BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	9/12/92	9/1/92	9/9/92	9/2/92	9/2/92	9/9/92
Lab Id:	00506-08	00485-01	00497-08	00485-03	00485-26	00497-06

Parameter	Units						
<u>PESTICIDE/PCBS</u>							
ALPHA-BHC	UG/L		0.05 U	0.05 UR	0.05 UJ		
BETA-BHC	UG/L		0.05 U	0.05 UR	0.05 UJ		
DELTA-BHC	UG/L		0.05 U	0.05 UR	0.05 UJ		
GAMMA-BHC(LINDANE)	UG/L		0.05 U	0.05 UR	0.05 UJ		
HEPTACHLOR	UG/L		0.05 U	0.05 UR	0.05 UJ		
ALDRIN	UG/L		0.05 U	0.05 UR	0.05 UJ		
HEPTACHLOR EPOXIDE	UG/L		0.05 U	0.05 UR	0.05 UJ		
ENDOSULFAN I	UG/L		0.05 U	0.05 UR	0.05 UJ		
DIELDRIN	UG/L		0.1 U	0.1 UR	0.1 UJ		
4,4'-DDE	UG/L		0.1 U	0.1 UR	0.1 UJ		
ENDRIN	UG/L		0.1 U	0.1 UR	0.1 UJ		
ENDOSULFAN II	UG/L		0.1 U	0.1 UR	0.1 UJ		
4,4'-DDD	UG/L		0.1 U	0.1 UR	0.1 UJ		
ENDOSULFAN SULFATE	UG/L		0.1 U	0.1 UR	0.1 UJ		
4,4'-DDT	UG/L		0.1 U	0.1 UR	0.1 UJ		
METHOXYCHLOR	UG/L		0.5 U	0.5 UR	0.5 UJ		
ENDRIN KETONE	UG/L		0.1 U	0.1 UR	0.1 UJ		
ENDRIN ALDEHYDE	UG/L		0.1 U	0.1 UR	0.1 UJ		
ALPHA CHLORDANE	UG/L		0.05 U	0.05 UR	0.05 UJ		
GAMMA CHLORDANE	UG/L		0.05 U	0.05 UR	0.05 UJ		
TOXAPHENE	UG/L		5 U	5 UR	5 UJ		
PCB-1016	UG/L		1 U	1 UR	1 UJ		
PCB-1221	UG/L		2 U	2 UR	2 UJ		
PCB-1232	UG/L		1 U	1 UR	1 UJ		
PCB-1242	UG/L		1 U	1 UR	1 UJ		
PCB-1248	UG/L		1 U	1 UR	1 UJ		
PCB-1254	UG/L		1 U	1 UR	1 UJ		
PCB-1260	UG/L		1 U	1 UR	1 UJ		
<u>VOLATILES</u>							
CHLOROMETHANE	UG/L	10 U	10 UJ	10 U	10 UJ	10 UR	10 UJ
BROMOMETHANE	UG/L	10 U	10 U	10 U	10 U	10 UR	10 UJ
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 UR	10 UJ
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 UR	10 U
METHYLENE CHLORIDE	UG/L	3 J	10 U	6 J	10 U	8 J	5 J
ACETONE	UG/L	10 U	81	10 U	38	10 UR	10 UJ
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	10 UR	10 UJ
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 UR	10 UJ
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 UR	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 UR	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	10 U	10 UR	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 UJ	10 U	10 UJ	10 UR	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 UR	10 UJ

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-2030SA-TB-12	6-203DDT-ER-06	6-203DDT-ER-09	6-203DDT-FB-01	6-203DDT-TB-07	6-203DDT-TB-09
Depth:	TRIP BLANK	RINSE BLANK	RINSE BLANK	FIELD BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	9/12/92	9/1/92	9/9/92	9/2/92	9/2/92	9/9/92
Lab Id:	00506-08	00485-01	00497-08	00485-03	00485-26	00497-06
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 UR
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 UR
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 UR
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 UR
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 UR
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 UR
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 UR
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 UR
BENZENE	UG/L	10 U	10 U	10 U	10 U	10 UR
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 UR
BROMOFORM	UG/L	10 U	10 U	10 U	10 U	10 UR
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 UR
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 UR
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 UR
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 UR
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 UR
CHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 UR
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 UR
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 UR
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 UR
<u>SEMIVOLATILES</u>						
PHENOL	UG/L		10 U	10 UJ	10 U	
BIS(2-CHLOROETHYL) ETHER	UG/L		10 U	10 UJ	10 U	
2-CHLOROPHENOL	UG/L		10 U	10 UJ	10 U	
1,3-DICHLOROBENZENE	UG/L		10 U	10 UJ	10 U	
1,4-DICHLOROBENZENE	UG/L		10 U	10 UJ	10 U	
1,2-DICHLOROBENZENE	UG/L		10 U	10 UJ	10 U	
2-METHYLPHENOL	UG/L		10 U	10 UJ	10 U	
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L		10 U	10 UJ	10 U	
4-METHYLPHENOL	UG/L		10 U	10 UJ	10 U	
N-NITROSODI-N-PROPYLAMINE	UG/L		10 UJ	10 UJ	10 UJ	
HEXACHLOROETHANE	UG/L		10 U	10 UJ	10 U	
NITROBENZENE	UG/L		10 U	10 UJ	10 U	
ISOPHORONE	UG/L		10 U	10 UJ	10 U	
2-NITROPHENOL	UG/L		10 U	10 UJ	10 U	
2,4-DIMETHYLPHENOL	UG/L		10 U	10 UJ	10 U	
BIS(2-CHLOROETHOXY) METHANE	UG/L		10 U	10 UJ	10 U	
2,4-DICHLOROPHENOL	UG/L		10 U	10 UJ	10 U	
1,2,4-TRICHLOROBENZENE	UG/L		10 U	10 UJ	10 U	
NAPHTHALENE	UG/L		10 U	10 UJ	10 U	
4-CHLORANILINE	UG/L		10 U	10 UJ	10 U	
HEXACHLOROBTADIENE	UG/L		10 U	10 UJ	10 U	

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-2030SA-TB-12	6-203DDT-ER-06	6-203DDT-ER-09	6-203DDT-FB-01	6-203DDT-TB-07	6-203DDT-TB-09
Depth:	TRIP BLANK	RINSE BLANK	RINSE BLANK	FIELD BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	9/12/92	9/1/92	9/9/92	9/2/92	9/2/92	9/9/92
Lab Id:	00506-08	00485-01	00497-08	00485-03	00485-26	00497-06
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L	10 U	10 UJ	10 U		
2-METHYLNAPHTHALENE	UG/L	10 U	10 UJ	10 U		
HEXACHLOROCYCLOPENTADIENE	UG/L	10 U	10 UJ	10 U		
2,4,6-TRICHLOROPHENOL	UG/L	10 U	10 UJ	10 U		
2,4,5-TRICHLOROPHENOL	UG/L	25 U	25 UJ	25 U		
2-CHLORONAPHTHALENE	UG/L	10 U	10 UJ	10 U		
2-NITROANILINE	UG/L	25 U	25 UJ	25 U		
DIMETHYL PHTHALATE	UG/L	10 U	10 UJ	10 U		
ACENAPHTHYLENE	UG/L	10 U	10 UJ	10 U		
2,6-DINITROTOLUENE	UG/L	10 U	10 UJ	10 U		
3-NITROANILINE	UG/L	25 U	25 UJ	25 U		
ACENAPHTHENE	UG/L	10 U	10 UJ	10 U		
2,4-DINITROPHENOL	UG/L	25 U	25 UJ	25 U		
4-NITROPHENOL	UG/L	25 U	25 UJ	25 U		
DIBENZOFURAN	UG/L	10 U	10 UJ	10 U		
2,4-DINITROTOLUENE	UG/L	10 U	10 UJ	10 U		
DIETHYL PHTHALATE	UG/L	10 U	10 UJ	10 U		
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 U	10 UJ	10 U		
FLUORENE	UG/L	10 U	10 UJ	10 U		
4-NITROANILINE	UG/L	25 U	25 UJ	25 U		
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 U	25 UJ	25 U		
N-NITRISODIPHENYLAMINE	UG/L	10 U	10 UJ	10 U		
4-BROMOPHENYL PHENYL ETHER	UG/L	10 U	10 UJ	10 U		
HEXACHLOROBENZENE	UG/L	10 U	10 UJ	10 U		
PENTACHLOROPHENOL	UG/L	25 U	25 UJ	25 U		
PHENANTHRENE	UG/L	10 U	10 UJ	10 U		
ANTHRACENE	UG/L	10 U	10 UJ	10 U		
DI-N-BUTYL PHTHALATE	UG/L	10 U	10 UJ	10 U		
FLUORANTHENE	UG/L	10 U	10 UJ	10 U		
CARBAZOLE	UG/L	10 U	10 UJ	10 U		
PYRENE	UG/L	10 U	10 UJ	10 U		
BUTYL BENZYL PHTHALATE	UG/L	10 U	10 UJ	10 U		
3,3-DICHLOROBENZIDINE	UG/L	10 U	10 UJ	10 U		
BENZO(A)ANTHRACENE	UG/L	10 U	10 UJ	10 U		
CHRYSENE	UG/L	10 U	10 UJ	10 U		
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10 U	5 J	10 U		
DI-N-OCTYL PHTHALATE	UG/L	10 U	10 UJ	10 U		
BENZO(B)FLUORANTHENE	UG/L	10 U	10 UJ	10 U		
BENZO(K)FLUORANTHENE	UG/L	10 U	10 UJ	10 U		
BENZO(A)PYRENE	UG/L	10 U	10 UJ	10 U		
INDENO(1,2,3-CD) PYRENE	UG/L	10 UJ	10 UJ	10 UJ		
DIBENZ(A,H)ANTHRACENE	UG/L	10 UJ	10 UJ	10 UJ		
BENZO(G,H,I)PERYLENE	UG/L	10 UJ	10 UJ	10 UJ		

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SITE 6 & 9
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	6-203DDT-TB-10	6-203DDT-TB-10	6-203PCB-ER-07	6-203PCB-FB-01	6-203PCB-TB-07	6-BH-ER-07
Depth:	TRIP BLANK	TRIP BLANK	RINSE BLANK	FIELD BLANK	TRIP BLANK	RINSE BLANK
Date Sampled:	9/10/92	9/11/92	9/2/92	9/2/92	9/01/92	8/28/92
Lab Id:	00497-22	00503-09	00485-27	00485-29	00473-11	00454-01
Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L		0.084 U	0.05 U		0.05 U
BETA-BHC	UG/L		0.084 U	0.05 U		0.05 U
DELTA-BHC	UG/L		0.084 U	0.05 U		0.05 U
GAMMA-BHC(LINDANE)	UG/L		0.084 U	0.05 U		0.05 U
HEPTACHLOR	UG/L		0.084 U	0.05 U		0.05 U
ALDRIN	UG/L		0.084 U	0.05 U		0.05 U
HEPTACHLOR EPOXIDE	UG/L		0.084 U	0.05 U		0.05 U
ENDOSULFAN I	UG/L		0.084 U	0.05 U		0.05 U
DIELDRIN	UG/L		0.17 U	0.1 U		0.1 U
4,4'-DDE	UG/L		0.17 U	0.1 U		0.1 U
ENDRIN	UG/L		0.17 U	0.1 U		0.1 U
ENDOSULFAN II	UG/L		0.17 U	0.1 U		0.1 U
4,4'-DDD	UG/L		0.17 U	0.1 U		0.1 U
ENDOSULFAN SULFATE	UG/L		0.17 U	0.1 U		0.1 U
4,4'-DDT	UG/L		0.17 U	0.1 U		0.1 U
METHOXYCHLOR	UG/L		0.84 U	0.5 U		0.5 U
ENDRIN KETONE	UG/L		0.17 U	0.1 U		0.1 U
ENDRIN ALDEHYDE	UG/L		0.17 U	0.1 U		0.1 U
ALPHA CHLORDANE	UG/L		0.084 U	0.05 U		0.05 U
GAMMA CHLORDANE	UG/L		0.084 U	0.05 U		0.05 U
TOXAPHENE	UG/L		8.4 U	5 U		5 U
PCB-1016	UG/L		1.7 U	1 U		1 U
PCB-1221	UG/L		3.3 U	2 U		2 U
PCB-1232	UG/L		1.7 U	1 U		1 U
PCB-1242	UG/L		1.7 U	1 U		1 U
PCB-1248	UG/L		1.7 U	1 U		1 U
PCB-1254	UG/L		1.7 U	1 U		1 U
PCB-1260	UG/L		1.7 U	1 U		1 U
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 UJ	10 UJ	10 U
BROMOMETHANE	UG/L	10 U	10 UJ	10 U	10 U	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	5 J	8 J	10 U	10 U	10 U
ACETONE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	10	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 UJ	10 UJ	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-203DDT-TB-10	6-203DDT-TB-10	6-203PCB-ER-07	6-203PCB-FB-01	6-203PCB-TB-07	6-BH-ER-07
Depth:	TRIP BLANK	TRIP BLANK	RINSE BLANK	FIELD BLANK	TRIP BLANK	RINSE BLANK
Date Sampled:	9/10/92	9/11/92	9/2/92	9/2/92	9/01/92	8/28/92
Lab Id:	00497-22	00503-09	00485-27	00485-29	00473-11	00454-01
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	14	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	8 J	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	5 J	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L			17 U	14 U	10 U
BIS(2-CHLOROETHYL) ETHER	UG/L			17 U	14 U	10 U
2-CHLOROPHENOL	UG/L			17 U	14 U	10 U
1,3-DICHLOROBENZENE	UG/L			17 U	14 U	10 U
1,4-DICHLOROBENZENE	UG/L			17 U	14 U	10 U
1,2-DICHLOROBENZENE	UG/L			17 U	14 U	10 U
2-METHYLPHENOL	UG/L			17 U	14 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L			17 U	14 U	10 U
4-METHYLPHENOL	UG/L			17 U	14 U	10 U
N-NITROSODI-N-PROPYLAMINE	UG/L			17 U	14 U	10 U
HEXACHLOROETHANE	UG/L			17 U	14 U	10 U
NITROBENZENE	UG/L			17 U	14 U	10 U
ISOPHORONE	UG/L			17 U	14 U	10 U
2-NITROPHENOL	UG/L			17 U	14 U	10 U
2,4-DIMETHYLPHENOL	UG/L			17 U	14 U	10 U
BIS(2-CHLOROETHOXY) METHANE	UG/L			17 U	14 U	10 U
2,4-DICHLOROPHENOL	UG/L			17 U	14 U	10 U
1,2,4-TRICHLOROBENZENE	UG/L			17 U	14 U	10 U
NAPHTHALENE	UG/L			17 U	14 U	10 U
4-CHLORANILINE	UG/L			17 U	14 U	10 U
HEXACHLOROBUTADIENE	UG/L			17 U	14 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-203DDT-TB-10	6-203DDT-TB-10	6-203PCB-ER-07	6-203PCB-FB-01	6-203PCB-TB-07	6-BH-ER-07
Depth:	TRIP BLANK	TRIP BLANK	RINSE BLANK	FIELD BLANK	TRIP BLANK	RINSE BLANK
Date Sampled:	9/10/92	9/11/92	9/2/92	9/2/92	9/01/92	8/28/92
Lab Id:	00497-22	00503-09	00485-27	00485-29	00473-11	00454-01
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L		17 U		14 U	10 U
2-METHYLNAPHTHALENE	UG/L		17 U		14 U	10 U
HEXACHLOROCYCLOPENTADIENE	UG/L		17 U		14 U	10 U
2,4,6-TRICHLOROPHENOL	UG/L		17 U		14 U	10 U
2,4,5-TRICHLOROPHENOL	UG/L		42 U		36 U	25 U
2-CHLORONAPHTHALENE	UG/L		17 U		14 U	10 U
2-NITROANILINE	UG/L		42 U		36 U	25 U
DIMETHYL PHTHALATE	UG/L		17 U		14 U	10 U
ACENAPHTHYLENE	UG/L		17 U		14 U	10 U
2,6-DINITROTOLUENE	UG/L		17 U		14 U	10 U
3-NITROANILINE	UG/L		42 U		36 U	25 U
ACENAPHTHENE	UG/L		17 U		14 U	10 U
2,4-DINITROPHENOL	UG/L		42 U		36 U	25 U
4-NITROPHENOL	UG/L		42 U		36 U	25 U
DIBENZOFURAN	UG/L		17 U		14 U	10 U
2,4-DINITROTOLUENE	UG/L		17 U		14 U	10 U
DIETHYL PHTHALATE	UG/L		17 U		14 U	10 U
4-CHLOROPHENYL PHENYL ETHER	UG/L		17 U		14 U	10 U
FLUORENE	UG/L		17 U		14 U	10 U
4-NITROANILINE	UG/L		42 U		36 U	25 U
4,6-DINITRO-2-METHYLPHENOL	UG/L		42 U		36 U	25 U
N-NITROSODIPHENYLAMINE	UG/L		17 U		14 U	10 U
4-BROMOPHENYL PHENYL ETHER	UG/L		17 U		14 U	10 U
HEXACHLOROBENZENE	UG/L		17 U		14 U	10 U
PENTACHLOROPHENOL	UG/L		42 U		36 U	25 U
PHENANTHRENE	UG/L		17 U		14 U	10 U
ANTHRACENE	UG/L		17 U		14 U	10 U
DI-N-BUTYL PHTHALATE	UG/L		17 U		14 U	10 U
FLUORANTHENE	UG/L		17 U		14 U	10 U
CARBAZOLE	UG/L		17 U		14 U	10 U
PYRENE	UG/L		17 U		14 U	10 U
BUTYL BENZYL PHTHALATE	UG/L		17 U		14 U	10 U
3,3-DICHLOROBENZIDINE	UG/L		17 U		14 U	10 U
BENZO(A)ANTHRACENE	UG/L		17 U		14 U	10 U
CHRYSENE	UG/L		17 U		14 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L		2 J		2 J	10 U
DI-N-OCTYL PHTHALATE	UG/L		17 U		14 U	10 U
BENZO(B)FLUORANTHENE	UG/L		17 U		14 U	10 U
BENZO(K)FLUORANTHENE	UG/L		17 U		14 U	10 U
BENZO(A)PYRENE	UG/L		17 U		14 U	10 U
INDENO(1,2,3-CD) PYRENE	UG/L		17 U		14 U	10 U
DIBENZ(A,H)ANTHRACENE	UG/L		17 U		14 U	10 U
BENZO(G,H,I)PERYLENE	UG/L		17 U		14 U	10 U

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SITE 6 & 9
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	6-BH-SW-ER-06	6-BH-TB-06	6-BH-TB-07	6-BH01-TB-01	6-ER-17	6-ER-19
Depth:	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	8/26/92	8/28/92	8/28/92	10/24/92	9/24/92	9/26/92
Lab Id:	00445-15	00454-02	00458-01	00591-07	00544-02	00544-17
Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L	0.05 UJ			0.05 U	0.05 U
BETA-BHC	UG/L	0.05 UJ			0.05 U	0.05 U
DELTA-BHC	UG/L	0.05 UJ			0.05 U	0.05 U
GAMMA-BHC(LINDANE)	UG/L	0.05 UJ			0.05 U	0.05 U
HEPTACHLOR	UG/L	0.05 UJ			0.05 U	0.05 U
ALDRIN	UG/L	0.05 UJ			0.05 U	0.05 U
HEPTACHLOR EPOXIDE	UG/L	0.05 UJ			0.05 U	0.05 U
ENDOSULFAN I	UG/L	0.05 UJ			0.05 U	0.05 U
DIELDRIN	UG/L	0.1 UJ			0.1 U	0.1 U
4,4'-DDE	UG/L	0.1 UJ			0.1 U	0.1 U
ENDRIN	UG/L	0.1 UJ			0.1 U	0.1 U
ENDOSULFAN II	UG/L	0.1 UJ			0.1 U	0.1 U
4,4'-DDD	UG/L	0.1 UJ			0.1 U	0.1 U
ENDOSULFAN SULFATE	UG/L	0.1 UJ			0.1 U	0.1 U
4,4'-DDT	UG/L	0.1 UJ			0.1 U	0.1 U
METHOXYCHLOR	UG/L	0.5 UJ			0.5 U	0.5 U
ENDRIN KETONE	UG/L	0.1 UJ			0.1 U	0.1 U
ENDRIN ALDEHYDE	UG/L	0.1 UJ			0.1 U	0.1 U
ALPHA CHLORDANE	UG/L	0.05 UJ			0.05 U	0.05 U
GAMMA CHLORDANE	UG/L	0.05 UJ			0.05 U	0.05 U
TOXAPHENE	UG/L	5 UJ			5 U	5 U
PCB-1016	UG/L	1 UJ			1 U	1 U
PCB-1221	UG/L	2 UJ			2 U	2 U
PCB-1232	UG/L	1 UJ			1 U	1 U
PCB-1242	UG/L	1 UJ			1 U	1 U
PCB-1248	UG/L	1 UJ			1 U	1 U
PCB-1254	UG/L	1 UJ			1 U	1 U
PCB-1260	UG/L	1 UJ			1 U	1 U
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	10 U	4 J	10 U	10 U	8 J
ACETONE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	5 J
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO--0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

	Sample No:	6-BH-SW-ER-06	6-BH-TB-06	6-BH-TB-07	6-BH01-TB-01	6-ER-17	6-ER-19
	Depth:	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK
	Date Sampled:	8/26/92	8/28/92	8/28/92	10/24/92	9/24/92	9/26/92
	Lab Id:	00445-15	00454-02	00458-01	00391-07	00544-02	00544-17
Parameter	Units						
<u>VOLATILES Cont.</u>							
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	5 J	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 U	2 J	2 J
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>							
PHENOL	UG/L	10 U				10 U	10 U
BIS(2-CHLOROETHYL) ETHER	UG/L	10 U				10 U	10 U
2-CHLOROPHENOL	UG/L	10 U				10 U	10 U
1,3-DICHLOROBENZENE	UG/L	10 U				10 U	10 U
1,4-DICHLOROBENZENE	UG/L	10 U				10 U	10 U
1,2-DICHLOROBENZENE	UG/L	10 U				10 U	10 U
2-METHYLPHENOL	UG/L	10 U				10 U	10 U
2,2-OXYBIS(1-CHLOROPROPANE)	UG/L	10 U				10 U	10 U
4-METHYLPHENOL	UG/L	10 U				10 U	10 U
N-NITROSODI-N-PROPYLAMINE	UG/L	10 U				10 U	10 U
HEXACHLOROETHANE	UG/L	10 U				10 U	10 U
NITROBENZENE	UG/L	10 U				10 U	10 U
ISOPHORONE	UG/L	10 U				10 U	10 U
2-NITROPHENOL	UG/L	10 U				10 U	10 U
2,4-DIMETHYLPHENOL	UG/L	10 U				10 U	10 U
BIS(2-CHLOROETHOXY) METHANE	UG/L	10 U				10 U	10 U
2,4-DICHLOROPHENOL	UG/L	10 U				10 U	10 U
1,2,4-TRICHLOROBENZENE	UG/L	10 U				10 U	10 U
NAPHTHALENE	UG/L	10 U				10 U	10 U
4-CHLORANILINE	UG/L	10 U				10 U	10 U
HEXACHLOROBUTADIENE	UG/L	10 U				10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-BH-SW-ER-06	6-BH-TB-06	6-BH-TB-07	6-BH01-TB-01	6-ER-17	6-ER-19
Depth:	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	8/26/92	8/28/92	8/28/92	10/24/92	9/24/92	9/26/92
Lab Id:	00445-15	00454-02	00458-01	00591-07	00544-02	00544-17
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L	10 U			10 U	10 U
2-METHYLNAPHTHALENE	UG/L	10 U			10 U	10 U
HEXACHLOROCYCLOPENTADIENE	UG/L	10 U			10 U	10 U
2,4,6-TRICHLOROPHENOL	UG/L	10 U			10 U	10 U
2,4,5-TRICHLOROPHENOL	UG/L	25 U			25 U	25 U
2-CHLORONAPHTHALENE	UG/L	10 U			10 U	10 U
2-NITROANILINE	UG/L	25 U			25 U	25 U
DIMETHYL PHTHALATE	UG/L	10 U			10 U	10 U
ACENAPHTHYLENE	UG/L	10 U			10 U	10 U
2,6-DINITROTOLUENE	UG/L	10 U			10 U	10 U
3-NITROANILINE	UG/L	25 U			25 U	25 U
ACENAPHTHENE	UG/L	10 U			10 U	10 U
2,4-DINITROPHENOL	UG/L	25 U			25 U	25 U
4-NITROPHENOL	UG/L	25 U			25 U	25 U
DIBENZOFURAN	UG/L	10 U			10 U	10 U
2,4-DINITROTOLUENE	UG/L	10 U			10 U	10 U
DIETHYL PHTHALATE	UG/L	10 U			10 U	10 U
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 U			10 U	10 U
FLUORENE	UG/L	10 U			10 U	10 U
4-NITROANILINE	UG/L	25 U			25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 U			25 U	25 U
N-NITRISODIPHENYLAMINE	UG/L	10 U			10 U	10 U
4-BROMOPHENYL PHENYL ETHER	UG/L	10 U			10 U	10 U
HEXACHLOROBENZENE	UG/L	10 U			10 U	10 U
PENTACHLOROPHENOL	UG/L	25 U			25 U	25 U
PHENANTHRENE	UG/L	10 U			10 U	10 U
ANTHRACENE	UG/L	10 U			10 U	10 U
DI-N-BUTYL PHTHALATE	UG/L	10 U			10 U	10 U
FLUORANTHENE	UG/L	10 U			10 U	10 U
CARBAZOLE	UG/L	10 U			10 U	10 U
PYRENE	UG/L	10 U			10 U	10 U
BUTYL BENZYL PHTHALATE	UG/L	10 U			10 U	10 U
3,3-DICHLOROBENZIDINE	UG/L	10 U			10 U	10 U
BENZO(A)ANTHRACENE	UG/L	10 U			10 U	10 U
CHRYSENE	UG/L	10 U			10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	4 J			10 U	10 U
DI-N-OCTYL PHTHALATE	UG/L	10 U			10 U	10 U
BENZO(B)FLUORANTHENE	UG/L	10 U			10 U	10 U
BENZO(K)FLUORANTHENE	UG/L	10 U			10 U	10 U
BENZO(A)PYRENE	UG/L	10 U			10 U	10 U
INDENO(1,2,3-CD) PYRENE	UG/L	10 U			10 U	10 U
DIBENZ(A,H)ANTHRACENE	UG/L	10 U			10 U	10 U
BENZO(G,H,I)PERYLENE	UG/L	10 U			10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-ER-23	6-ER-24	6-ER-25	6-ER-26	6-ER-27	6-GW-ER-01
Depth:	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	10/6/92	10/10/92	10/11/92	10/13/92	10/14/92	10/21/92
Lab Id:	00564-08	00570-11	00570-12	00570-31	00570-37	00582-16
Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L	0.05 U	0.05 UJ		0.05 U	0.05 UJ
BETA-BHC	UG/L	0.05 U	0.05 UJ		0.05 U	0.05 UJ
DELTA-BHC	UG/L	0.05 U	0.05 UJ		0.05 U	0.05 UJ
GAMMA-BHC(LINDANE)	UG/L	0.05 U	0.05 UJ		0.05 U	0.05 UJ
HEPTACHLOR	UG/L	0.05 U	0.05 UJ		0.05 U	0.05 UJ
ALDRIN	UG/L	0.05 U	0.05 UJ		0.05 U	0.05 UJ
HEPTACHLOR EPOXIDE	UG/L	0.05 U	0.05 UJ		0.05 U	0.05 UJ
ENDOSULFAN I	UG/L	0.05 U	0.05 UJ		0.05 U	0.05 UJ
DIELDRIN	UG/L	0.1 U	0.1 UJ		0.1 U	0.1 UJ
4,4'-DDE	UG/L	0.1 U	0.1 UJ		0.1 U	0.1 UJ
ENDRIN	UG/L	0.1 U	0.1 UJ		0.1 U	0.1 UJ
ENDOSULFAN II	UG/L	0.1 U	0.1 UJ		0.1 U	0.1 UJ
4,4'-DDD	UG/L	0.1 U	0.1 UJ		0.1 U	0.1 UJ
ENDOSULFAN SULFATE	UG/L	0.1 U	0.1 UJ		0.1 U	0.1 UJ
4,4'-DDT	UG/L	0.1 U	0.1 UJ		0.1 U	0.1 UJ
METHOXYCHLOR	UG/L	0.5 U	0.5 UJ		0.5 U	0.5 UJ
ENDRIN KETONE	UG/L	0.1 U	0.1 UJ		0.1 U	0.1 UJ
ENDRIN ALDEHYDE	UG/L	0.1 U	0.1 UJ		0.1 U	0.1 UJ
ALPHA CHLORDANE	UG/L	0.05 U	0.05 UJ		0.05 U	0.05 UJ
GAMMA CHLORDANE	UG/L	0.05 U	0.05 UJ		0.05 U	0.05 UJ
TOXAPHENE	UG/L	5 U	5 UJ		5 U	5 UJ
PCB-1016	UG/L	1 U	1 UJ		1 U	1 UJ
PCB-1221	UG/L	2 U	2 UJ		2 U	2 UJ
PCB-1232	UG/L	1 U	1 UJ		1 U	1 UJ
PCB-1242	UG/L	1 U	1 UJ		1 U	1 UJ
PCB-1248	UG/L	1 U	1 UJ		1 U	1 UJ
PCB-1254	UG/L	1 U	1 UJ		1 U	1 UJ
PCB-1260	UG/L	1 U	1 UJ		1 U	1 UJ
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	10 U	10 U	5 U	10 U	10 U
ACETONE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	6-ER-23	6-ER-24	6-ER-25	6-ER-26	6-ER-27	6-GW-ER-01
Depth:	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	10/6/92	10/10/92	10/11/92	10/13/92	10/14/92	10/21/92
Lab Id:	00564-08	00570-11	00570-12	00570-31	00570-37	00582-16
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L	10 U		10 U		10 U
BIS(2-CHLOROETHYL) ETHER	UG/L	10 U		10 U		10 U
2-CHLOROPHENOL	UG/L	10 U		10 U		10 U
1,3-DICHLOROBENZENE	UG/L	10 U		10 U		10 U
1,4-DICHLOROBENZENE	UG/L	10 U		10 U		10 U
1,2-DICHLOROBENZENE	UG/L	10 U		10 U		10 U
2-METHYLPHENOL	UG/L	10 U		10 U		10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L	10 U		10 U		10 U
4-METHYLPHENOL	UG/L	10 U		10 U		10 U
N-NITROSODI-N-PROPYLAMINE	UG/L	10 U		10 U		10 U
HEXACHLOROETHANE	UG/L	10 U		10 U		10 U
NITROBENZENE	UG/L	10 U		10 U		10 U
ISOPHORONE	UG/L	10 U		10 U		10 U
2-NITROPHENOL	UG/L	10 U		10 U		10 U
2,4-DIMETHYLPHENOL	UG/L	10 U		10 U		10 U
BIS(2-CHLOROETHOXY) METHANE	UG/L	10 U		10 U		10 U
2,4-DICHLOROPHENOL	UG/L	10 U		10 U		10 U
1,2,4-TRICHLOROBENZENE	UG/L	10 U		10 U		10 U
NAPHTHALENE	UG/L	10 U		10 U		10 U
4-CHLORANILINE	UG/L	10 U		10 U		10 U
HEXACHLOROBUTADIENE	UG/L	10 U		10 U		10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

	Sample No:	6-ER-23	6-ER-24	6-ER-25	6-ER-26	6-ER-27	6-GW-ER-01
	Depth:	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK
	Date Sampled:	10/6/92	10/10/92	10/11/92	10/13/92	10/14/92	10/21/92
	Lab Id:	00564-08	00570-11	00570-12	00570-31	00570-37	00582-16
Parameter	Units						
<u>SEMIVOLATILES Cont.</u>							
4-CHLORO-3-METHYLPHENOL	UG/L	10 U		10 U		10 U	10 U
2-METHYLNAPHTHALENE	UG/L	10 U		10 U		10 U	10 U
HEXACHLOROCYCLOPENTADIENE	UG/L	10 U		10 U		10 U	10 U
2,4,6-TRICHLOROPHENOL	UG/L	10 U		10 U		10 U	10 U
2,4,5-TRICHLOROPHENOL	UG/L	25 U		25 U		25 U	25 U
2-CHLORONAPHTHALENE	UG/L	10 U		10 U		10 U	10 U
2-NITROANILINE	UG/L	25 U		25 U		25 U	25 U
DIMETHYL PHTHALATE	UG/L	10 U		10 U		10 U	10 U
ACENAPHTHYLENE	UG/L	10 U		10 U		10 U	10 U
2,6-DINITROTOLUENE	UG/L	10 U		10 U		10 U	10 U
3-NITROANILINE	UG/L	25 U		25 U		25 U	25 U
ACENAPHTHENE	UG/L	10 U		10 U		10 U	10 U
2,4-DINITROPHENOL	UG/L	25 U		25 U		25 U	25 U
4-NITROPHENOL	UG/L	25 U		25 U		25 U	25 U
DIBENZOFURAN	UG/L	10 U		10 U		10 U	10 U
2,4-DINITROTOLUENE	UG/L	10 U		10 U		10 U	10 U
DIETHYL PHTHALATE	UG/L	10 U		10 U		10 U	10 U
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 U		10 U		10 U	10 U
FLUORENE	UG/L	10 U		10 U		10 U	10 U
4-NITROANILINE	UG/L	25 U		25 U		25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 U		25 U		25 U	25 U
N-NITROSODIPHENYLAMINE	UG/L	10 U		10 U		10 U	10 U
4-BROMOPHENYL PHENYL ETHER	UG/L	10 U		10 U		10 U	10 U
HEXACHLOROBENZENE	UG/L	10 U		10 U		10 U	10 U
PENTACHLOROPHENOL	UG/L	25 U		25 U		25 U	25 U
PHENANTHRENE	UG/L	10 U		10 U		10 U	10 U
ANTHRACENE	UG/L	10 U		10 U		10 U	10 U
DI-N-BUTYL PHTHALATE	UG/L	10 U		10 U		10 U	10 U
FLUORANTHENE	UG/L	10 U		10 U		10 U	10 U
CARBAZOLE	UG/L	10 U		10 U		10 U	10 U
PYRENE	UG/L	10 U		10 U		10 U	10 U
BUTYL BENZYL PHTHALATE	UG/L	10 U		10 U		10 U	10 U
3,3-DICHLOROBENZIDINE	UG/L	10 U		10 U		10 U	10 U
BENZO(A)ANTHRACENE	UG/L	10 U		10 U		10 U	10 U
CHRYSENE	UG/L	10 U		10 U		10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10 U		10 U		10 U	10 U
DI-N-OCTYL PHTHALATE	UG/L	10 U		10 U		10 U	10 U
BENZO(B)FLUORANTHENE	UG/L	10 U		10 U		10 U	10 U
BENZO(K)FLUORANTHENE	UG/L	10 U		10 U		10 U	10 U
BENZO(A)PYRENE	UG/L	10 U		10 U		10 U	10 U
INDENO(1,2,3-CD)PYRENE	UG/L	10 U		10 U		10 U	10 U
DIBENZ(AH)ANTHRACENE	UG/L	10 U		10 U		10 U	10 U
BENZO(G,H,I)PERYLENE	UG/L	10 U		10 U		10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-GW-ER-DW-01	6-GW-FB-DW-01	6-GWER-03	6-GWFB-01	6-RAV-TB-14	6-RV-TB-05
Depth:	RINSE BLANK	FIELD BLANK	RINSE BLANK	FIELD BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	11/3/92	11/4/92	10/23/92	10/24/92	9/15/92	8/25/92
Lab Id:	00603-01	00603-05	00591-08	00593-05	00513-10	00439-10
Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	
BETA-BHC	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	
DELTA-BHC	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	
GAMMA-BHC(LINDANE)	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	
HEPTACHLOR	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	
ALDRIN	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	
HEPTACHLOR EPOXIDE	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	
ENDOSULFAN I	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	
DIELDRIN	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	
4,4'-DDE	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	
ENDRIN	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	
ENDOSULFAN II	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	
4,4'-DDD	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	
ENDOSULFAN SULFATE	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	
4,4'-DDT	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	
METHOXYCHLOR	UG/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	
ENDRIN KETONE	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	
ENDRIN ALDEHYDE	UG/L	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	
ALPHA CHLORDANE	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	
GAMMA CHLORDANE	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	
TOXAPHENE	UG/L	5 UJ	5 UJ	5 UJ	5 UJ	
PCB-1016	UG/L	1 UJ	1 UJ	1 UJ	1 UJ	
PCB-1221	UG/L	2 UJ	2 UJ	2 UJ	2 UJ	
PCB-1232	UG/L	1 UJ	1 UJ	1 UJ	1 UJ	
PCB-1242	UG/L	1 UJ	1 UJ	1 UJ	1 UJ	
PCB-1248	UG/L	1 UJ	1 UJ	1 UJ	1 UJ	
PCB-1254	UG/L	1 UJ	1 UJ	1 UJ	1 UJ	
PCB-1260	UG/L	1 UJ	1 UJ	1 UJ	1 UJ	
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L				10 U	10 U
BROMOMETHANE	UG/L				10 UJ	10 U
VINYL CHLORIDE	UG/L				10 U	10 U
CHLOROETHANE	UG/L				10 U	10 U
METHYLENE CHLORIDE	UG/L				11 B	10 U
ACETONE	UG/L				10 U	10 U
CARBON DISULFIDE	UG/L				10 U	10 U
1,1-DICHLOROETHENE	UG/L				10 U	10 U
1,1-DICHLOROETHANE	UG/L				10 U	10 U
1,2-DICHLOROETHENE	UG/L				10 U	10 U
CHLOROFORM	UG/L				10 U	10 U
1,2-DICHLOROETHANE	UG/L				10 U	10 U
2-BUTANONE	UG/L				10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-GW-ER-DW-01	6-GW-FB-DW-01	6-GWER-03	6-GWFB-01	6-RAV-TB-14	6-RV-TB-05
Depth:	RINSE BLANK	FIELD BLANK	RINSE BLANK	FIELD BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	11/3/92	11/4/92	10/23/92	10/24/92	9/15/92	8/25/92
Lab Id:	00603-01	00603-05	00591-08	00593-05	00513-10	00439-10
Parameter	Units					
<u>VOLATILES Cont.</u>						
1.1.1-TRICHLOROETHANE					10 U	10 U
CARBON TETRACHLORIDE					10 U	10 U
BROMODICHLOROMETHANE					10 U	10 U
1.2-DICHLOROPROPANE					10 U	10 U
CIS-1,3-DICHLOROPROPENE					10 U	10 U
TRICHLOROETHENE					10 U	10 U
DIBROMOCHLOROMETHANE					10 U	10 U
1.1.2-TRICHLOROETHANE					10 U	10 U
BENZENE					10 U	10 U
TRANS-1,3-DICHLOROPROPENE					10 U	10 U
BROMOFORM					10 U	10 U
4-METHYL-2-PENTANONE					10 U	10 U
2-HEXANONE					10 U	10 U
TETRACHLOROETHENE					10 U	10 U
1.1.2.2-TETRACHLOROETHANE					10 U	10 U
TOLUENE					10 U	10 U
CHLOROBENZENE					10 U	10 U
ETHYLBENZENE					10 U	10 U
STYRENE					10 U	10 U
TOTAL XYLENES					10 U	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL) ETHER	UG/L	10 U	10 U	10 U	10 U	10 U
2-CHLOROPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
1,3-DICHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,4-DICHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
2-METHYLPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L	10 U	10 U	10 U	10 U	10 U
4-METHYLPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
N-NITROSODI-N-PROPYLAMINE	UG/L	10 U	10 U	10 U	10 U	10 U
HEXACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
NITROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ISOPHORONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-NITROPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHOXY) METHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2,4-DICHLOROPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
1,2,4-TRICHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
NAPHTHALENE	UG/L	10 U	10 U	10 U	10 U	10 U
4-CHLORANILINE	UG/L	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	6-GW-ER-DW-01	6-GW-FB-DW-01	6-GWER-03	6-GWFB-01	6-RAV-TB-14	6-RV-TB-05
Depth:	RINSE BLANK	FIELD BLANK	RINSE BLANK	FIELD BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	11/3/92	11/4/92	10/23/92	10/24/92	9/15/92	8/25/92
Lab Id:	00603-01	00603-05	00591-08	00593-05	00513-10	00439-10
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	UG/L	10 U	10 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	UG/L	10 U	10 U	10 U	10 U	10 U
2,4,6-TRICHLOROPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
2,4,5-TRICHLOROPHENOL	UG/L	25 U	25 U	25 U	25 U	25 U
2-CHLORONAPHTHALENE	UG/L	10 U	10 U	10 U	10 U	10 U
2-NITROANILINE	UG/L	25 U	25 U	25 U	25 U	25 U
DIMETHYL PHTHALATE	UG/L	10 U	10 U	10 U	10 U	10 U
ACENAPHTHYLENE	UG/L	10 U	10 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
3-NITROANILINE	UG/L	25 U	25 U	25 U	25 U	25 U
ACENAPHTHENE	UG/L	10 U	10 U	10 U	10 U	10 U
2,4-DINITROPHENOL	UG/L	25 U	25 U	25 U	25 U	25 U
4-NITROPHENOL	UG/L	25 U	25 U	25 U	25 U	25 U
DIBENZOFURAN	UG/L	10 U	10 U	10 U	10 U	10 U
2,4-DINITROTOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIETHYL PHTHALATE	UG/L	10 U	10 U	10 U	10 U	10 U
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 U	10 U	10 U	10 U	10 U
FLUORENE	UG/L	10 U	10 U	10 U	10 U	10 U
4-NITROANILINE	UG/L	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 U	25 U	25 U	25 U	25 U
N-NITROSODIPHENYLAMINE	UG/L	10 U	10 U	10 U	10 U	10 U
4-BROMOPHENYL PHENYL ETHER	UG/L	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
PENTACHLOROPHENOL	UG/L	25 U	25 U	25 U	25 U	25 U
PHENANTHRENE	UG/L	10 U	10 U	10 U	10 U	10 U
ANTHRACENE	UG/L	10 U	10 U	10 U	10 U	10 U
DI-N-BUTYL PHTHALATE	UG/L	10 U	10 U	10 U	10 U	10 U
FLUORANTHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBAZOLE	UG/L	10 U	10 U	10 U	10 U	10 U
PYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
BUTYL BENZYL PHTHALATE	UG/L	10 U	10 U	10 U	10 U	10 U
3,3-DICHLOROBENZIDINE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZO(A)ANTHRACENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHRYSENE	UG/L	10 U	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10 U	10 U	10 U	10 U	10 U
DI-N-OCTYL PHTHALATE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZO(B)FLUORANTHENE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZO(K)FLUORANTHENE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZO(A)PYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
INDENO(1,2,3-CD) PYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIBENZ(A,H)ANTHRACENE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

	Sample No:	6-RV2-ER-05	6-RV4-ER-04	6-RV4-TB-04	6-TB-19	6-TB-20	6-TB-21
	Depth:	RINSE BLANK	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
	Date Sampled:	8/25/92	8/24/92	8/24/92	9/25/92	9/26/92	9/25/92
	Lab Id:	00439-12	00437-07	00437-10	00544-13	00544-20	00544-16
Parameter	Units						
<u>PESTICIDE/PCBS</u>							
ALPHA-BHC	UG/L	0.05 U		0.05 UJ			
BETA-BHC	UG/L	0.05 U		0.05 UJ			
DELTA-BHC	UG/L	0.05 U		0.05 UJ			
GAMMA-BHC(LINDANE)	UG/L	0.05 U		0.05 UJ			
HEPTACHLOR	UG/L	0.05 U		0.05 UJ			
ALDRIN	UG/L	0.05 U		0.05 UJ			
HEPTACHLOR EPOXIDE	UG/L	0.05 U		0.05 UJ			
ENDOSULFAN I	UG/L	0.05 U		0.05 UJ			
DIELDRIN	UG/L	0.1 U		0.1 UJ			
4,4'-DDE	UG/L	0.1 U		0.1 UJ			
ENDRIN	UG/L	0.1 U		0.1 UJ			
ENDOSULFAN II	UG/L	0.1 U		0.1 UJ			
4,4'-DDD	UG/L	0.1 U		0.1 UJ			
ENDOSULFAN SULFATE	UG/L	0.1 U		0.1 UJ			
4,4'-DDT	UG/L	0.1 U		0.1 UJ			
METHOXYCHLOR	UG/L	0.5 U		0.5 UJ			
ENDRIN KETONE	UG/L	0.1 U		0.1 UJ			
ENDRIN ALDEHYDE	UG/L	0.1 U		0.1 UJ			
ALPHA CHLORDANE	UG/L	0.05 U		0.05 UJ			
GAMMA CHLORDANE	UG/L	0.05 U		0.05 UJ			
TOXAPHENE	UG/L	5 U		5 UJ			
PCB-1016	UG/L	1 U		1 UJ			
PCB-1221	UG/L	2 U		2 UJ			
PCB-1232	UG/L	1 U		1 UJ			
PCB-1242	UG/L	1 U		1 UJ			
PCB-1248	UG/L	1 U		1 UJ			
PCB-1254	UG/L	1 U		1 UJ			
PCB-1260	UG/L	1 U		1 UJ			
<u>VOLATILES</u>							
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	4 J	5 J	10 U	8 J	8 J	7 J
ACETONE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	6-RV2-ER-05	6-RV4-ER-04	6-RV4-TB-04	6-TB-19	6-TB-20	6-TB-21
Depth:	RINSE BLANK	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	8/25/92	8/24/92	8/24/92	9/25/92	9/26/92	9/25/92
Lab Id:	00439-12	00437-07	00437-10	00544-13	00544-20	00544-16
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	2 J	2 J
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	4 J	4 J
BROMOFORM	UG/L	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L		10 U			
BIS(2-CHLOROETHYL) ETHER	UG/L		10 U			
2-CHLOROPHENOL	UG/L		10 U			
1,3-DICHLOROBENZENE	UG/L		10 U			
1,4-DICHLOROBENZENE	UG/L		10 U			
1,2-DICHLOROBENZENE	UG/L		10 U			
2-METHYLPHENOL	UG/L		10 U			
2,2-OXYBIS(1-CHLOROPROPANE)	UG/L		10 U			
4-METHYLPHENOL	UG/L		10 U			
N-NITROSODI-N-PROPYLAMINE	UG/L		10 U			
HEXACHLOROETHANE	UG/L		10 U			
NITROBENZENE	UG/L		10 U			
ISOPHORONE	UG/L		10 U			
2-NITROPHENOL	UG/L		10 U			
2,4-DIMETHYLPHENOL	UG/L		10 U			
BIS(2-CHLOROETHOXY) METHANE	UG/L		10 U			
2,4-DICHLOROPHENOL	UG/L		10 U			
1,2,4-TRICHLOROBENZENE	UG/L		10 U			
NAPHTHALENE	UG/L		10 U			
4-CHLORANILINE	UG/L		10 U			
HEXACHLOROBUTADIENE	UG/L		10 U			

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-RV2-ER-05	6-RV4-ER-04	6-RV4-TB-04	6-TB-19	6-TB-20	6-TB-21
Depth:	RINSE BLANK	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	8/25/92	8/24/92	8/24/92	9/25/92	9/26/92	9/25/92
Lab Id:	00439-12	00437-07	00437-10	00544-13	00544-20	00544-16
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L	10 U				
2-METHYLNAPHTHALENE	UG/L	10 U				
HEXACHLOROCYCLOPENTADIENE	UG/L	10 U				
2,4,6-TRICHLOROPHENOL	UG/L	10 U				
2,4,5-TRICHLOROPHENOL	UG/L	25 U				
2-CHLORONAPHTHALENE	UG/L	10 U				
2-NITROANILINE	UG/L	25 U				
DIMETHYL PHTHALATE	UG/L	10 U				
ACENAPHTHYLENE	UG/L	10 U				
2,6-DINITROTOLUENE	UG/L	10 U				
3-NITROANILINE	UG/L	25 U				
ACENAPHTHENE	UG/L	10 U				
2,4-DINITROPHENOL	UG/L	25 U				
4-NITROPHENOL	UG/L	25 U				
DIBENZOFURAN	UG/L	10 U				
2,4-DINITROTOLUENE	UG/L	10 U				
DIETHYL PHTHALATE	UG/L	10 U				
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 U				
FLUORENE	UG/L	10 U				
4-NITROANILINE	UG/L	25 U				
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 U				
N-NITRISODIPHENYLAMINE	UG/L	10 U				
4-BROMOPHENYL PHENYL ETHER	UG/L	10 U				
HEXACHLOROBENZENE	UG/L	10 U				
PENTACHLOROPHENOL	UG/L	25 U				
PHENANTHRENE	UG/L	10 U				
ANTHRACENE	UG/L	10 U				
DI-N-BUTYL PHTHALATE	UG/L	10 U				
FLUORANTHENE	UG/L	10 U				
CARBAZOLE	UG/L	10 U				
PYRENE	UG/L	10 U				
BUTYL BENZYL PHTHALATE	UG/L	10 U				
3,3-DICHLOROBENZIDINE	UG/L	10 U				
BENZO(A)ANTHRACENE	UG/L	10 U				
CHRYSENE	UG/L	10 U				
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	2 J				
DI-N-OCTYL PHTHALATE	UG/L	10 U				
BENZO(B)FLUORANTHENE	UG/L	10 U				
BENZO(K)FLUORANTHENE	UG/L	10 U				
BENZO(A)PYRENE	UG/L	10 U				
INDENO(1,2,3-CD) PYRENE	UG/L	10 U				
DIBENZ(A,H)ANTHRACENE	UG/L	10 U				
BENZO(G,H,I)PERYLENE	UG/L	10 U				

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-TB-21	6-TB-22	6-TB-22	6-TB-23	6-TB-23	6-TB-24
Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	10/9/92	10/6/92	10/11/92	10/8/92	10/12/92	10/10/92
Lab Id:	00564-24	00564-10	00570-28	00564-17	00570-29	00570-10
Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L					
BETA-BHC	UG/L					
DELTA-BHC	UG/L					
GAMMA-BHC(LINDANE)	UG/L					
HEPTACHLOR	UG/L					
ALDRIN	UG/L					
HEPTACHLOR EPOXIDE	UG/L					
ENDOSULFAN I	UG/L					
DIELDRIN	UG/L					
4,4'-DDE	UG/L					
ENDRIN	UG/L					
ENDOSULFAN II	UG/L					
4,4'-DDD	UG/L					
ENDOSULFAN SULFATE	UG/L					
4,4'-DDT	UG/L					
METHOXYCHLOR	UG/L					
ENDRIN KETONE	UG/L					
ENDRIN ALDEHYDE	UG/L					
ALPHA CHLORDANE	UG/L					
GAMMA CHLORDANE	UG/L					
TOXAPHENE	UG/L					
PCB-1016	UG/L					
PCB-1221	UG/L					
PCB-1232	UG/L					
PCB-1242	UG/L					
PCB-1248	UG/L					
PCB-1254	UG/L					
PCB-1260	UG/L					
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	10 U	10	10 U	2 J	10 U
ACETONE	UG/L	10 U	130	10 U	10 U	10 U
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-TB-21	6-TB-22	6-TB-22	6-TB-23	6-TB-23	6-TB-24
Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	10/9/92	10/6/92	10/11/92	10/8/92	10/12/92	10/10/92
Lab Id:	00564-24	00564-10	00570-28	00564-17	00570-29	00570-10
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 UJ	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L					
BIS(2-CHLOROETHYL) ETHER	UG/L					
2-CHLOROPHENOL	UG/L					
1,3-DICHLOROBENZENE	UG/L					
1,4-DICHLOROBENZENE	UG/L					
1,2-DICHLOROBENZENE	UG/L					
2-METHYLPHENOL	UG/L					
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L					
4-METHYLPHENOL	UG/L					
N-NITROSODI-N-PROPYLAMINE	UG/L					
HEXACHLOROETHANE	UG/L					
NITROBENZENE	UG/L					
ISOPHORONE	UG/L					
2-NITROPHENOL	UG/L					
2,4-DIMETHYLPHENOL	UG/L					
BIS(2-CHLOROETHOXY) METHANE	UG/L					
2,4-DICHLOROPHENOL	UG/L					
1,2,4-TRICHLOROBENZENE	UG/L					
NAPHTHALENE	UG/L					
4-CHLORANILINE	UG/L					
HEXACHLOROBUTADIENE	UG/L					

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-TB-21	6-TB-22	6-TB-22	6-TB-23	6-TB-23	6-TB-24
Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	10/9/92	10/6/92	10/11/92	10/8/92	10/12/92	10/10/92
Lab Id:	00564-24	00564-10	00570-28	00564-17	00570-29	00570-10
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L					
2-METHYLNAPHTHALENE	UG/L					
HEXACHLOROCYCLOPENTADIENE	UG/L					
2,4,6-TRICHLOROPHENOL	UG/L					
2,4,5-TRICHLOROPHENOL	UG/L					
2-CHLORONAPHTHALENE	UG/L					
2-NITROANILINE	UG/L					
DIMETHYL PHTHALATE	UG/L					
ACENAPHTHYLENE	UG/L					
2,6-DINITROTOLUENE	UG/L					
3-NITROANILINE	UG/L					
ACENAPHTHENE	UG/L					
2,4-DINITROPHENOL	UG/L					
4-NITROPHENOL	UG/L					
DIBENZOFURAN	UG/L					
2,4-DINITROTOLUENE	UG/L					
DIETHYL PHTHALATE	UG/L					
4-CHLOROPHENYL PHENYL ETHER	UG/L					
FLUORENE	UG/L					
4-NITROANILINE	UG/L					
4,6-DINITRO-2-METHYLPHENOL	UG/L					
N-NITROSODIPHENYLAMINE	UG/L					
4-BROMOPHENYL PHENYL ETHER	UG/L					
HEXACHLOROBENZENE	UG/L					
PENTACHLOROPHENOL	UG/L					
PHENANTHRENE	UG/L					
ANTHRACENE	UG/L					
DI-N-BUTYL PHTHALATE	UG/L					
FLUORANTHENE	UG/L					
CARBAZOLE	UG/L					
PYRENE	UG/L					
BUTYL BENZYL PHTHALATE	UG/L					
3,3-DICHLOROBENZIDINE	UG/L					
BENZO(A)ANTHRACENE	UG/L					
CHRYSENE	UG/L					
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L					
DI-N-OCTYL PHTHALATE	UG/L					
BENZO(B)FLUORANTHENE	UG/L					
BENZO(K)FLUORANTHENE	UG/L					
BENZO(A)PYRENE	UG/L					
INDENO(1,2,3-CD) PYRENE	UG/L					
DIBENZ(A,H)ANTHRACENE	UG/L					
BENZO(G,H,I)PERYLENE	UG/L					

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO --0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-TB-24	6-TB-25	6-TB-26	6-TB-27	6-WC-TB-03	6-WC-TB-03
Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	10/20/92	10/12/92	10/13/92	10/14/92	8/22/92	8/23/92
Lab Id:	00582-15	00570-30	00570-35	00570-38	00426-15	00429-30
Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L					
BETA-BHC	UG/L					
DELTA-BHC	UG/L					
GAMMA-BHC(LINDANE)	UG/L					
HEPTACHLOR	UG/L					
ALDRIN	UG/L					
HEPTACHLOR EPOXIDE	UG/L					
ENDOSULFAN I	UG/L					
DIELDRIN	UG/L					
4,4'-DDE	UG/L					
ENDRIN	UG/L					
ENDOSULFAN II	UG/L					
4,4'-DDD	UG/L					
ENDOSULFAN SULFATE	UG/L					
4,4'-DDT	UG/L					
METHOXYCHLOR	UG/L					
ENDRIN KETONE	UG/L					
ENDRIN ALDEHYDE	UG/L					
ALPHA CHLORDANE	UG/L					
GAMMA CHLORDANE	UG/L					
TOXAPHENE	UG/L					
PCB-1016	UG/L					
PCB-1221	UG/L					
PCB-1232	UG/L					
PCB-1242	UG/L					
PCB-1248	UG/L					
PCB-1254	UG/L					
PCB-1260	UG/L					
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	10 U	10 U	10 U	3 J	10 U
ACETONE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	6-TB-24	6-TB-25	6-TB-26	6-TB-27	6-WC-TB-03	6-WC-TB-03
Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	10/20/92	10/12/92	10/13/92	10/14/92	8/22/92	8/23/92
Lab Id:	00382-15	00570-30	00570-35	00570-38	00426-15	00429-30
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L					
BIS(2-CHLOROETHYL) ETHER	UG/L					
2-CHLOROPHENOL	UG/L					
1,3-DICHLOROBENZENE	UG/L					
1,4-DICHLOROBENZENE	UG/L					
1,2-DICHLOROBENZENE	UG/L					
2-METHYLPHENOL	UG/L					
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L					
4-METHYLPHENOL	UG/L					
N-NITROSODI-N-PROPYLAMINE	UG/L					
HEXACHLOROETHANE	UG/L					
NITROBENZENE	UG/L					
ISOPHORONE	UG/L					
2-NITROPHENOL	UG/L					
2,4-DIMETHYLPHENOL	UG/L					
BIS(2-CHLOROETHOXY) METHANE	UG/L					
2,4-DICHLOROPHENOL	UG/L					
1,2,4-TRICHLOROBENZENE	UG/L					
NAPHTHALENE	UG/L					
4-CHLORANILINE	UG/L					
HEXACHLOROBUTADIENE	UG/L					

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-TB-24	6-TB-25	6-TB-26	6-TB-27	6-WC-TB-03	6-WC-TB-03
Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	10/20/92	10/12/92	10/13/92	10/14/92	8/22/92	8/23/92
Lab Id:	00582-15	00570-30	00570-35	00370-38	00426-15	00429-30
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L					
2-METHYLNAPHTHALENE	UG/L					
HEXACHLOROCYCLOPENTADIENE	UG/L					
2,4,6-TRICHLOROPHENOL	UG/L					
2,4,5-TRICHLOROPHENOL	UG/L					
2-CHLORONAPHTHALENE	UG/L					
2-NITROANILINE	UG/L					
DIMETHYL PHTHALATE	UG/L					
ACENAPHTHYLENE	UG/L					
2,6-DINITROTOLUENE	UG/L					
3-NITROANILINE	UG/L					
ACENAPHTHENE	UG/L					
2,4-DINITROPHENOL	UG/L					
4-NITROPHENOL	UG/L					
DIBENZOFURAN	UG/L					
2,4-DINITROTOLUENE	UG/L					
DIETHYL PHTHALATE	UG/L					
4-CHLOROPHENYL PHENYL ETHER	UG/L					
FLUORENE	UG/L					
4-NITROANILINE	UG/L					
4,6-DINITRO-2-METHYLPHENOL	UG/L					
N-NITROSODIPHENYLAMINE	UG/L					
4-BROMOPHENYL PHENYL ETHER	UG/L					
HEXACHLOROENZENE	UG/L					
PENTACHLOROPHENOL	UG/L					
PHENANTHRENE	UG/L					
ANTHRACENE	UG/L					
DI-N-BUTYL PHTHALATE	UG/L					
FLUORANTHENE	UG/L					
CARBAZOLE	UG/L					
PYRENE	UG/L					
BUTYL BENZYL PHTHALATE	UG/L					
3,3-DICHLOROBENZIDINE	UG/L					
BENZO(A)ANTHRACENE	UG/L					
CHRYSENE	UG/L					
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L					
DI-N-OCTYL PHTHALATE	UG/L					
BENZO(B)FLUORANTHENE	UG/L					
BENZO(K)FLUORANTHENE	UG/L					
BENZO(A)PYRENE	UG/L					
INDENO(1,2,3-CD) PYRENE	UG/L					
DIBENZ(A,H)ANTHRACENE	UG/L					
BENZO(G,H,I)PERYLENE	UG/L					

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-WC01-TB-08	6-WC09-ER-03	6-WC10-ER-02	9-AST-ER-15	9-AST-ER-18	9-AST-TB-15
Depth:	TRIP BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	TRIP BLANK
Date Sampled:	8/30/92	8/23/92	8/22/92	9/16/92	9/23/92	9/16/92
Lab Id:	00464-27	00429-25	00426-01	00517-04	00536-13	00517-14
Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L	0.05 U	0.05 UJ	0.05 UJ		
BETA-BHC	UG/L	0.05 U	0.05 UJ	0.05 UJ		
DELTA-BHC	UG/L	0.05 U	0.05 UJ	0.05 UJ		
GAMMA-BHC(LINDANE)	UG/L	0.05 U	0.05 UJ	0.05 UJ		
HEPTACHLOR	UG/L	0.05 U	0.05 UJ	0.05 UJ		
ALDRIN	UG/L	0.05 U	0.05 UJ	0.05 UJ		
HEPTACHLOR EPOXIDE	UG/L	0.05 U	0.05 UJ	0.05 UJ		
ENDOSULFAN I	UG/L	0.05 U	0.05 UJ	0.05 UJ		
DIELDRIN	UG/L	0.1 U	0.1 UJ	0.1 UJ		
4,4'-DDE	UG/L	0.1 U	0.1 UJ	0.1 UJ		
ENDRIN	UG/L	0.1 U	0.1 UJ	0.1 UJ		
ENDOSULFAN II	UG/L	0.1 U	0.1 UJ	0.1 UJ		
4,4'-DDD	UG/L	0.1 U	0.1 UJ	0.1 UJ		
ENDOSULFAN SULFATE	UG/L	0.1 U	0.1 UJ	0.1 UJ		
4,4'-DDT	UG/L	0.1 U	0.1 UJ	0.1 UJ		
METHOXYCHLOR	UG/L	0.5 U	0.5 UJ	0.5 UJ		
ENDRIN KETONE	UG/L	0.1 U	0.1 UJ	0.1 UJ		
ENDRIN ALDEHYDE	UG/L	0.1 U	0.1 UJ	0.1 UJ		
ALPHA CHLORDANE	UG/L	0.05 U	0.05 UJ	0.05 UJ		
GAMMA CHLORDANE	UG/L	0.05 U	0.05 UJ	0.05 UJ		
TOXAPHENE	UG/L	5 U	5 UJ	5 UJ		
PCB-1016	UG/L	1 U	1 UJ	1 UJ		
PCB-1221	UG/L	2 U	2 UJ	2 UJ		
PCB-1232	UG/L	1 U	1 UJ	1 UJ		
PCB-1242	UG/L	1 U	1 UJ	1 UJ		
PCB-1248	UG/L	1 U	1 UJ	1 UJ		
PCB-1254	UG/L	1 U	1 UJ	1 UJ		
PCB-1260	UG/L	1 U	1 UJ	1 UJ		
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 UJ	10 U
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	10 U	2 J	3 J	5 J	4 J
ACETONE	UG/L	10 U	10 UJ	10 UJ	10 U	10 U
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-WC01-TB-08	6-WC09-ER-03	6-WC10-ER-02	9-AST-ER-15	9-AST-ER-18	9-AST-TB-15
Depth:	TRIP BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	TRIP BLANK
Date Sampled:	8/30/92	8/23/92	8/22/92	9/16/92	9/23/92	9/16/92
Lab Id:	00464-27	00429-25	00426-01	00517-04	00536-13	00517-14
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 UJ	10 UJ	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 UJ	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L		10 U	10 U	10 U	
BIS(2-CHLOROETHYL) ETHER	UG/L		10 U	10 U	10 U	
2-CHLOROPHENOL	UG/L		10 U	10 U	10 U	
1,3-DICHLOROBENZENE	UG/L		10 U	10 U	10 U	
1,4-DICHLOROBENZENE	UG/L		10 U	10 U	10 U	
1,2-DICHLOROBENZENE	UG/L		10 U	10 U	10 U	
2-METHYLPHENOL	UG/L		10 U	10 U	10 U	
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L		10 U	10 U	10 U	
4-METHYLPHENOL	UG/L		10 U	10 U	10 U	
N-NITROSODI-N-PROPYLAMINE	UG/L		10 U	10 UJ	10 U	
HEXACHLOROETHANE	UG/L		10 U	10 U	10 U	
NITROBENZENE	UG/L		10 U	10 U	10 U	
ISOPHORONE	UG/L		10 U	10 U	10 U	
2-NITROPHENOL	UG/L		10 U	10 U	10 U	
2,4-DIMETHYLPHENOL	UG/L		10 U	10 U	10 U	
BIS(2-CHLOROETHOXY) METHANE	UG/L		10 U	10 U	10 U	
2,4-DICHLOROPHENOL	UG/L		10 U	10 U	10 U	
1,2,4-TRICHLOROBENZENE	UG/L		10 U	10 U	10 U	
NAPHTHALENE	UG/L		10 U	10 U	10 U	
4-CHLORANILINE	UG/L		10 U	10 U	10 U	
HEXACHLOROBUTADIENE	UG/L		10 U	10 U	10 U	

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SITE 6 & 9
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	6-WC01-TB-08	6-WC09-ER-03	6-WC10-ER-02	9-AST-ER-15	9-AST-ER-18	9-AST-TB-15
Depth:	TRIP BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	TRIP BLANK
Date Sampled:	8/30/92	8/23/92	8/22/92	9/16/92	9/23/92	9/16/92
Lab Id:	00464-27	00429-25	00426-01	00517-04	00536-13	00517-14
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L	10 U	10 U	10 U		
2-METHYLNAPHTHALENE	UG/L	10 U	10 U	10 U		
HEXACHLOROCYCLOPENTADIENE	UG/L	10 U	10 U	10 U		
2,4,6-TRICHLOROPHENOL	UG/L	10 U	10 U	10 U		
2,4,5-TRICHLOROPHENOL	UG/L	25 U	25 U	25 U		
2-CHLORONAPHTHALENE	UG/L	10 U	10 U	10 U		
2-NITROANILINE	UG/L	25 U	25 U	25 U		
DIMETHYL PHTHALATE	UG/L	10 U	10 U	10 U		
ACENAPHTHYLENE	UG/L	10 U	10 U	10 U		
2,6-DINITROTOLUENE	UG/L	10 U	10 U	10 U		
3-NITROANILINE	UG/L	25 U	25 U	25 U		
ACENAPHTHENE	UG/L	10 U	10 U	10 U		
2,4-DINITROPHENOL	UG/L	25 U	25 U	25 U		
4-NITROPHENOL	UG/L	25 U	25 U	25 U		
DIBENZOFURAN	UG/L	10 U	10 U	10 U		
2,4-DINITROTOLUENE	UG/L	10 U	10 U	10 U		
DIETHYL PHTHALATE	UG/L	10 U	10 U	10 U		
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 U	10 U	10 U		
FLUORENE	UG/L	10 U	10 U	10 U		
4-NITROANILINE	UG/L	25 U	25 U	25 U		
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 U	25 U	25 U		
N-NITROSODIPHENYLAMINE	UG/L	10 U	10 U	10 U		
4-BROMOPHENYL PHENYL ETHER	UG/L	10 U	10 U	10 U		
HEXACHLOROBENZENE	UG/L	10 U	10 U	10 U		
PENTACHLOROPHENOL	UG/L	25 U	25 U	25 U		
PHENANTHRENE	UG/L	10 U	10 U	10 U		
ANTHRACENE	UG/L	10 U	10 U	10 U		
DI-N-BUTYL PHTHALATE	UG/L	10 U	10 U	10 U		
FLUORANTHENE	UG/L	10 U	10 U	10 U		
CARBAZOLE	UG/L	10 U	10 U	10 U		
PYRENE	UG/L	10 U	10 U	10 U		
BUTYL BENZYL PHTHALATE	UG/L	10 U	10 U	10 U		
3,3-DICHLOROBENZIDINE	UG/L	10 U	10 U	10 U		
BENZO(A)ANTHRACENE	UG/L	10 U	10 U	10 U		
CHRYSENE	UG/L	10 U	10 U	10 U		
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	1 J	10 U	7 J		
DI-N-OCTYL PHTHALATE	UG/L	10 U	10 U	10 U		
BENZO(B)FLUORANTHENE	UG/L	10 U	10 U	10 U		
BENZO(K)FLUORANTHENE	UG/L	10 U	10 U	10 U		
BENZO(A)PYRENE	UG/L	10 U	10 U	10 U		
INDENO(1,2,3-CD) PYRENE	UG/L	10 U	10 U	10 U		
DIBENZ(AH)ANTHRACENE	UG/L	10 U	10 U	10 U		
BENZO(G,H,I)PERYLENE	UG/L	10 U	10 U	10 U		

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	9-AST-TB-16	9-FB-02	9-GW-ER-05	9-GW5-TB-17	9-TPO-ER-16	9-TPO-ER-17
Depth:	TRIP BLANK	FIELD BLANK	RINSE BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	9/16/92	9/16/92	10/25/92	9/23/92	9/23/92	9/22/92
Lab Id:	00517-15	00517-16	00593-25	00536-11	00536-12	00536-05
Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L	0.05 UJ	0.05 UJ			0.05 UJ
BETA-BHC	UG/L	0.05 UJ	0.05 UJ			0.05 UJ
DELTA-BHC	UG/L	0.05 UJ	0.05 UJ			0.05 UJ
GAMMA-BHC(LINDANE)	UG/L	0.05 UJ	0.05 UJ			0.05 UJ
HEPTACHLOR	UG/L	0.05 UJ	0.05 UJ			0.05 UJ
ALDRIN	UG/L	0.05 UJ	0.05 UJ			0.05 UJ
HEPTACHLOR EPOXIDE	UG/L	0.05 UJ	0.05 UJ			0.05 UJ
ENDOSULFAN I	UG/L	0.05 UJ	0.05 UJ			0.05 UJ
DIELDRIN	UG/L	0.1 UJ	0.1 UJ			0.1 UJ
4,4'-DDE	UG/L	0.1 UJ	0.1 UJ			0.1 UJ
ENDRIN	UG/L	0.1 UJ	0.1 UJ			0.1 UJ
ENDOSULFAN II	UG/L	0.1 UJ	0.1 UJ			0.1 UJ
4,4'-DDD	UG/L	0.1 UJ	0.1 UJ			0.1 UJ
ENDOSULFAN SULFATE	UG/L	0.1 UJ	0.1 UJ			0.1 UJ
4,4'-DDT	UG/L	0.1 UJ	0.1 UJ			0.1 UJ
METHOXYCHLOR	UG/L	0.5 UJ	0.5 UJ			0.5 UJ
ENDRIN KETONE	UG/L	0.1 UJ	0.1 UJ			0.1 UJ
ENDRIN ALDEHYDE	UG/L	0.1 UJ	0.1 UJ			0.1 UJ
ALPHA CHLORDANE	UG/L	0.05 UJ	0.05 UJ			0.05 UJ
GAMMA CHLORDANE	UG/L	0.05 UJ	0.05 UJ			0.05 UJ
TOXAPHENE	UG/L	5 UJ	5 UJ			5 UJ
PCB-1016	UG/L	1 UJ	1 UJ			1 UJ
PCB-1221	UG/L	2 UJ	2 UJ			2 UJ
PCB-1232	UG/L	1 UJ	1 UJ			1 UJ
PCB-1242	UG/L	1 UJ	1 UJ			1 UJ
PCB-1248	UG/L	1 UJ	1 UJ			1 UJ
PCB-1254	UG/L	1 UJ	1 UJ			1 UJ
PCB-1260	UG/L	1 UJ	1 UJ			1 UJ
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	10 U	10 UJ	10 U	10 U	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 UJ	10 UJ	10 UJ
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	4 J	6 J	6 J	6 J	7 J
ACETONE	UG/L	10 U	10	10 U	10 U	10 U
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	9-AST-TB-16	9-FB-02	9-GW-ER-05	9-GW5-TB-17	9-TPO-ER-16	9-TPO-ER-17
Depth:	TRIP BLANK	FIELD BLANK	RINSE BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	9/16/92	9/16/92	10/25/92	9/23/92	9/23/92	9/22/92
Lab Id:	00517-15	00517-16	00593-25	00536-11	00536-12	00536-05
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL) ETHER	UG/L	10 U	10 U	10 U	10 U	10 U
2-CHLOROPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
1,3-DICHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,4-DICHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
2-METHYLPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L	10 U	10 U	10 U	10 U	10 U
4-METHYLPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
N-NITROSODI-N-PROPYLAMINE	UG/L	10 U	10 U	10 U	10 U	10 U
HEXACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
NITROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ISOPHORONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-NITROPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHOXY) METHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2,4-DICHLOROPHENOL	UG/L	10 U	10 U	10 U	10 U	10 U
1,2,4-TRICHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
NAPHTHALENE	UG/L	10 U	10 U	10 U	10 U	10 U
4-CHLORANILINE	UG/L	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	9-AST-TB-16	9-FB-02	9-GW-ER-05	9-GW5-TB-17	9-TPO-ER-16	9-TPO-ER-17
Depth:	TRIP BLANK	FIELD BLANK	RINSE BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	9/16/92	9/16/92	10/25/92	9/23/92	9/23/92	9/22/92
Lab Id:	00517-15	00517-16	00593-25	00536-11	00536-12	00536-05
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L	10 U	10 U			10 U
2-METHYLNAPHTHALENE	UG/L	10 U	10 U			10 U
HEXACHLOROCYCLOPENTADIENE	UG/L	10 U	10 U			10 U
2,4,6-TRICHLOROPHENOL	UG/L	10 U	10 U			10 U
2,4,5-TRICHLOROPHENOL	UG/L	25 U	25 U			25 U
2-CHLORONAPHTHALENE	UG/L	10 U	10 U			10 U
2-NITROANILINE	UG/L	25 U	25 U			25 U
DIMETHYL PHTHALATE	UG/L	10 U	10 U			10 U
ACENAPHTHYLENE	UG/L	10 U	10 U			10 U
2,6-DINITROTOLUENE	UG/L	10 U	10 U			10 U
3-NITROANILINE	UG/L	25 U	25 U			25 U
ACENAPHTHENE	UG/L	10 U	10 U			10 U
2,4-DINITROPHENOL	UG/L	25 U	25 U			25 U
4-NITROPHENOL	UG/L	25 U	25 U			25 U
DIBENZOFURAN	UG/L	10 U	10 U			10 U
2,4-DINITROTOLUENE	UG/L	10 U	10 U			10 U
DIETHYL PHTHALATE	UG/L	10 U	10 U			10 U
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 U	10 U			10 U
FLUORENE	UG/L	10 U	10 U			10 U
4-NITROANILINE	UG/L	25 U	25 U			25 U
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 U	25 U			25 U
N-NITRISODIPHENYLAMINE	UG/L	10 U	10 U			10 U
4-BROMOPHENYL PHENYL ETHER	UG/L	10 U	10 U			10 U
HEXACHLOROBENZENE	UG/L	10 U	10 U			10 U
PENTACHLOROPHENOL	UG/L	25 U	25 U			25 U
PHENANTHRENE	UG/L	10 U	10 U			10 U
ANTHRACENE	UG/L	10 U	10 U			10 U
DI-N-BUTYL PHTHALATE	UG/L	10 U	10 U			10 U
FLUORANTHENE	UG/L	10 U	10 U			10 U
CARBAZOLE	UG/L	10 U	10 U			10 U
PYRENE	UG/L	10 U	10 U			10 U
BUTYL BENZYL PHTHALATE	UG/L	10 U	10 U			10 U
3,3-DICHLOROBENZIDINE	UG/L	10 U	10 U			10 U
BENZO(A)ANTHRACENE	UG/L	10 U	10 U			10 U
CHRYSENE	UG/L	10 U	10 U			10 U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10 U	10 U			6 J
DI-N-OCTYL PHTHALATE	UG/L	10 U	10 U			10 U
BENZO(B)FLUORANTHENE	UG/L	10 U	10 U			10 U
BENZO(K)FLUORANTHENE	UG/L	10 U	10 U			10 U
BENZO(A)PYRENE	UG/L	10 U	10 U			10 U
INDENO(1,2,3-CD) PYRENE	UG/L	10 U	10 U			10 U
DIBENZ(A,H)ANTHRACENE	UG/L	10 U	10 U			10 U
BENZO(G,H,I)PERYLENE	UG/L	10 U	10 U			10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	9-TPO-TB-00A	9-TPO-TB-16	9-TPO-TB-17	9-TPO-TB-18	9-TPO-TB-19
Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	10/26/92	9/16/92	9/17/92	9/22/92	9/23/92
Lab Id:	00593-43	00517-18	00527-05	00536-06	00536-23

Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L					
BETA-BHC	UG/L					
DELTA-BHC	UG/L					
GAMMA-BHC(LINDANE)	UG/L					
HEPTACHLOR	UG/L					
ALDRIN	UG/L					
HEPTACHLOR EPOXIDE	UG/L					
ENDOSULFAN I	UG/L					
DIELDRIN	UG/L					
4,4'-DDE	UG/L					
ENDRIN	UG/L					
ENDOSULFAN II	UG/L					
4,4'-DDD	UG/L					
ENDOSULFAN SULFATE	UG/L					
4,4'-DDT	UG/L					
METHOXYCHLOR	UG/L					
ENDRIN KETONE	UG/L					
ENDRIN ALDEHYDE	UG/L					
ALPHA CHLORDANE	UG/L					
GAMMA CHLORDANE	UG/L					
TOXAPHENE	UG/L					
PCB-1016	UG/L					
PCB-1221	UG/L					
PCB-1232	UG/L					
PCB-1242	UG/L					
PCB-1248	UG/L					
PCB-1254	UG/L					
PCB-1260	UG/L					
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	10 U	10 UJ	10 U	10 U	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 UJ
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	10 U	6 J	15	3 J	14
ACETONE	UG/L	10 U	11	11	10 U	10 U
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 UJ	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 UJ	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	9-TPO-TB-00A	9-TPO-TB-16	9-TPO-TB-17	9-TPO-TB-18	9-TPO-TB-19
Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	10/26/92	9/16/92	9/17/92	9/22/92	9/23/92
Lab Id:	00393-43	00517-18	00527-05	00536-06	00536-23
Parameter	Units				
<u>VOLATILES Cont.</u>					
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 U
CHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>					
PHENOL	UG/L				
BIS(2-CHLOROETHYL) ETHER	UG/L				
2-CHLOROPHENOL	UG/L				
1,3-DICHLOROBENZENE	UG/L				
1,4-DICHLOROBENZENE	UG/L				
1,2-DICHLOROBENZENE	UG/L				
2-METHYLPHENOL	UG/L				
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L				
4-METHYLPHENOL	UG/L				
N-NITROSODI-N-PROPYLAMINE	UG/L				
HEXACHLOROETHANE	UG/L				
NITROBENZENE	UG/L				
ISOPHORONE	UG/L				
2-NITROPHENOL	UG/L				
2,4-DIMETHYLPHENOL	UG/L				
BIS(2-CHLOROETHOXY) METHANE	UG/L				
2,4-DICHLOROPHENOL	UG/L				
1,2,4-TRICHLOROBENZENE	UG/L				
NAPTHHALENE	UG/L				
4-CHLORANILINE	UG/L				
HEXACHLOROBTADIENE	UG/L				

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	9-TPO-TB-00A	9-TPO-TB-16	9-TPO-TB-17	9-TPO-TB-18	9-TPO-TB-19
Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	10/26/92	9/16/92	9/17/92	9/22/92	9/23/92
Lab Id:	00593-43	00517-18	00527-05	00536-06	00536-23

Parameter	Units
<u>SEMIVOLATILES Cont.</u>	
4-CHLORO-3-METHYLPHENOL	UG/L
2-METHYLNAPHTHALENE	UG/L
HEXACHLOROCYCLOPENTADIENE	UG/L
2,4,6-TRICHLOROPHENOL	UG/L
2,4,5-TRICHLOROPHENOL	UG/L
2-CHLORONAPHTHALENE	UG/L
2-NITROANILINE	UG/L
DIMETHYL PHTHALATE	UG/L
ACENAPHTHYLENE	UG/L
2,6-DINITROTOLUENE	UG/L
3-NITROANILINE	UG/L
ACENAPHTHENE	UG/L
2,4-DINITROPHENOL	UG/L
4-NITROPHENOL	UG/L
DIBENZOFURAN	UG/L
2,4-DINITROTOLUENE	UG/L
DIETHYL PHTHALATE	UG/L
4-CHLOROPHENYL PHENYL ETHER	UG/L
FLUORENE	UG/L
4-NITROANILINE	UG/L
4,6-DINITRO-2-METHYLPHENOL	UG/L
N-NITRISODIPHENYLAMINE	UG/L
4-BROMOPHENYL PHENYL ETHER	UG/L
HEXACHLOROBENZENE	UG/L
PENTACHLOROPHENOL	UG/L
PHENANTHRENE	UG/L
ANTHRACENE	UG/L
DI-N-BUTYL PHTHALATE	UG/L
FLUORANTHENE	UG/L
CARBAZOLE	UG/L
PYRENE	UG/L
BUTYL BENZYL PHTHALATE	UG/L
3,3-DICHLOROBENZIDINE	UG/L
BENZO(A)ANTHRACENE	UG/L
CHRYSENE	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L
DI-N-OCTYL PHTHALATE	UG/L
BENZO(B)FLUORANTHENE	UG/L
BENZO(K)FLUORANTHENE	UG/L
BENZO(A)PYRENE	UG/L
INDENO(1,2,3-CD) PYRENE	UG/L
DIBENZ(A,H)ANTHRACENE	UG/L
BENZO(G,H,I)PERYLENE	UG/L

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SITE 6
 SOLID QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 TOTAL METALS

Sample No: 6-GWID-FB-03
 Depth: FLD BLANK
 Date Sampled: 10/7/92
 Lab Id: 00564-11

Parameter	Units	
ALUMINUM	MG/KG	7100
ANTIMONY	MG/KG	72 JB
ARSENIC	MG/KG	13.9 U
BARIUM	MG/KG	88 B
BERYLLIUM	MG/KG	1.5 UJ
CADMIUM	MG/KG	9.6 UJ
CALCIUM	MG/KG	19500 B
CHROMIUM	MG/KG	18.2 U
COBALT	MG/KG	10.1 UJ
COPPER	MG/KG	9.6 U
IRON	MG/KG	21100
LEAD	MG/KG	69.6
MAGNESIUM	MG/KG	3970 B
MANGANESE	MG/KG	945
MERCURY	MG/KG	0.51 U
NICKEL	MG/KG	39.9 UJ
POTASSIUM	MG/KG	888 JB
SELENIUM	MG/KG	23.1 UJ
SILVER	MG/KG	10.1 UJ
SODIUM	MG/KG	12100 B
THALLIUM	MG/KG	9.2 UJ
VANADIUM	MG/KG	9.1 UJ
ZINC	MG/KG	90.8 B

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SITE 6
 SOLID QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No: 6-GW1D-FB-3
 Depth: FLD BLANK
 Date Sampled: 10/7/92
 Lab Id: 00564-11

Parameter	Units	
<u>PESTICIDE/PCBS</u>		
ALPHA-BHC	UG/KG	56 U
BETA-BHC	UG/KG	56 U
DELTA-BHC	UG/KG	56 U
GAMMA-BHC(LINDANE)	UG/KG	56 U
HEPTACHLOR	UG/KG	56 U
ALDRIN	UG/KG	56 U
HEPTACHLOR EPOXIDE	UG/KG	56 U
ENDOSULFAN I	UG/KG	56 U
DIELDRIN	UG/KG	110 U
4,4'-DDE	UG/KG	110 U
ENDRIN	UG/KG	110 U
ENDOSULFAN II	UG/KG	110 U
4,4'-DDD	UG/KG	110 U
ENDOSULFAN SULFATE	UG/KG	110 U
4,4'-DDT	UG/KG	110 U
METHOXYCHLOR	UG/KG	560 U
ENDRIN KETONE	UG/KG	110 U
ENDRIN ALDEHYDE	UG/KG	110 U
ALPHA CHLORDANE	UG/KG	56 U
GAMMA CHLORDANE	UG/KG	56 U
TOXAPHENE	UG/KG	5600 U
PCB-1016	UG/KG	1100 U
PCB-1221	UG/KG	2200 U
PCB-1232	UG/KG	1100 U
PCB-1242	UG/KG	1100 U
PCB-1248	UG/KG	1100 U
PCB-1254	UG/KG	1100 U
PCB-1260	UG/KG	1100 U
<u>VOLATILES</u>		
CHLOROMETHANE	UG/KG	250 U
BROMOMETHANE	UG/KG	250 U
VINYL CHLORIDE	UG/KG	250 U
CHLOROETHANE	UG/KG	250 U
METHYLENE CHLORIDE	UG/KG	250 U
ACETONE	UG/KG	520
CARBON DISULFIDE	UG/KG	250 U
1,1-DICHLOROETHENE	UG/KG	250 U
1,1-DICHLOROETHANE	UG/KG	250 U
1,2-DICHLOROETHENE	UG/KG	250 U
CHLOROFORM	UG/KG	110 J
1,2-DICHLOROETHANE	UG/KG	250 U
2-BUTANONE	UG/KG	250 U

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SITE 6
SOLID QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No: 6-GW1D-FB-3
Depth: FLD BLANK
Date Sampled: 10/7/92
Lab Id: 00564-11

Parameter	Units	
<u>VOLATILES Cont.</u>		
1,1,1-TRICHLOROETHANE	UG/KG	250 U
CARBON TETRACHLORIDE	UG/KG	250 U
BROMODICHLOROMETHANE	UG/KG	64 J
1,2-DICHLOROPROPANE	UG/KG	250 U
CIS-1,3-DICHLOROPROPENE	UG/KG	250 U
TRICHLOROETHENE	UG/KG	28 J
DIBROMOCHLOROMETHANE	UG/KG	250 U
1,1,2-TRICHLOROETHANE	UG/KG	250 U
BENZENE	UG/KG	250 U
TRANS-1,3-DICHLOROPROPENE	UG/KG	250 U
BROMOFORM	UG/KG	250 U
4-METHYL-2-PENTANONE	UG/KG	250 U
2-HEXANONE	UG/KG	250 U
TETRACHLOROETHENE	UG/KG	250 U
1,1,2,2-TETRACHLOROETHANE	UG/KG	250 U
TOLUENE	UG/KG	250 U
CHLOROBENZENE	UG/KG	250 U
ETHYLBENZENE	UG/KG	250 U
STYRENE	UG/KG	250 U
TOTAL XYLENES	UG/KG	250 U
<u>SEMIVOLATILES</u>		
PHENOL	UG/KG	11000 U
BIS(2-CHLOROETHYL) ETHER	UG/KG	11000 U
2-CHLOROPHENOL	UG/KG	11000 U
1,3-DICHLOROBENZENE	UG/KG	11000 U
1,4-DICHLOROBENZENE	UG/KG	11000 U
1,2-DICHLOROBENZENE	UG/KG	11000 U
2-METHYLPHENOL	UG/KG	11000 U
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/KG	11000 U
4-METHYLPHENOL	UG/KG	11000 U
N-NITROSODI-N-PROPYLAMINE	UG/KG	11000 U
HEXACHLOROETHANE	UG/KG	11000 U
NITROBENZENE	UG/KG	11000 U
ISOPHORONE	UG/KG	11000 U
2-NITROPHENOL	UG/KG	11000 U
2,4-DIMETHYLPHENOL	UG/KG	11000 U
BIS(2-CHLOROETHOXY) METHANE	UG/KG	11000 U
2,4-DICHLOROPHENOL	UG/KG	11000 U
1,2,4-TRICHLOROBENZENE	UG/KG	11000 U
NAPHTHALENE	UG/KG	11000 U
4-CHLORANILINE	UG/KG	11000 U
HEXACHLOROBUTADIENE	UG/KG	11000 U

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SITE 6
SOLID QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No: 6-GW1D-FB-3
Depth: FLD BLANK
Date Sampled: 10/7/92
Lab Id: 00564-11

Parameter	Units	
<u>SEMIVOLATILES Cont.</u>		
4-CHLORO-3-METHYLPHENOL	UG/KG	11000 U
2-METHYLNAPHTHALENE	UG/KG	11000 U
HEXACHLOROCYCLOPENTADIENE	UG/KG	11000 U
2,4,6-TRICHLOROPHENOL	UG/KG	11000 U
2,4,5-TRICHLOROPHENOL	UG/KG	26000 U
2-CHLORONAPHTHALENE	UG/KG	11000 U
2-NITROANILINE	UG/KG	26000 U
DIMETHYL PHTHALATE	UG/KG	11000 U
ACENAPHTHYLENE	UG/KG	11000 U
2,6-DINITROTOLUENE	UG/KG	11000 U
3-NITROANILINE	UG/KG	26000 U
ACENAPHTHENE	UG/KG	11000 U
2,4-DINITROPHENOL	UG/KG	26000 U
4-NITROPHENOL	UG/KG	26000 U
DIBENZOFURAN	UG/KG	11000 U
2,4-DINITROTOLUENE	UG/KG	11000 U
DIETHYL PHTHALATE	UG/KG	11000 U
4-CHLOROPHENYL PHENYL ETHER	UG/KG	11000 UJ
FLUORENE	UG/KG	11000 U
4-NITROANILINE	UG/KG	26000 U
4,6-DINITRO-2-METHYLPHENOL	UG/KG	26000 U
N-NITRISODIPHENYLAMINE	UG/KG	11000 U
4-BROMOPHENYL PHENYL ETHER	UG/KG	11000 U
HEXACHLOROBENZENE	UG/KG	11000 U
PENTACHLOROPHENOL	UG/KG	26000 U
PHENANTHRENE	UG/KG	11000 U
ANTHRACENE	UG/KG	11000 U
DI-N-BUTYL PHTHALATE	UG/KG	11000 U
FLUORANTHENE	UG/KG	11000 U
CARBAZOLE	UG/KG	11000 U
PYRENE	UG/KG	11000 U
BUTYL BENZYL PHTHALATE	UG/KG	11000 U
3,3-DICHLOROBENZIDINE	UG/KG	11000 U
BENZO(A)ANTHRACENE	UG/KG	11000 U
CHRYSENE	UG/KG	11000 U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/KG	11000 U
DI-N-OCTYL PHTHALATE	UG/KG	11000 U
BENZO(B)FLUORANTHENE	UG/KG	11000 U
BENZO(K)FLUORANTHENE	UG/KG	11000 U
BENZO(A)PYRENE	UG/KG	11000 U
INDENO(1,2,3-CD) PYRENE	UG/KG	11000 U
DIBENZ(AH)ANTHRACENE	UG/KG	11000 U
BENZO(G,H,I)PERYLENE	UG/KG	11000 U

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SITE 6
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-GWTB-02	6-GWTB-03	6-GWTB-04	6-TB-07	6-GWTB-05	6-GWTB-06
Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	10/22/92	10/22/92	10/22/92	10/24/92	10/22/92	10/22/92
Lab Id:	00582-38	00582-39	00582-40	00591-28	00589-19	00589-20
Parameter	Units					
<u>VOLATILES</u>						
BROMODICHLOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
CARBON TETRACHLORIDE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
CHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-CHLOROETHYLVINYL ETHER	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROFORM	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLORETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROPROPANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CIS-1,3-DICHLOROPROPENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	UG/L	0.8 J	0.8 J	1.0	2.1	1.2 U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROFLUOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	0.9 J
VINYL CHLORIDE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ETHYLBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOLUENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
XYLENES (TOTAL)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO--0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 TOTAL & DISSOLVED METALS

Parameter	Units	6-201A-ER-01	6-201A-ER-03	6-201B-ER-00	6-201B-ER-03	6-201C-ER-05	6-201C-ER-5
Sample No:		6-201A-ER-01	6-201A-ER-03	6-201B-ER-00	6-201B-ER-03	6-201C-ER-05	6-201C-ER-5
Depth:		RINS BLANK	RINS BLANK	RINS BLANK	RINS BLANK	RINS BLANK	RINS BLANK
Date Sampled:		8/26/92	8/28/92	8/26/92	8/28/92	8/30/92	8/30/92
Lab Id:		00439-23	00453-38	00439-25	00453-39	00466-02	00466-01
ALUMINUM	UG/L	59 U	59 U	59 U	59 U	20.4 B	14 U
ANTIMONY	UG/L	49 U	49 U	49 U	49 U	14.5 JB	14 U
ARSENIC	UG/L	2 UJ	2 U	2 UJ	2 U	2 U	2 U
BARIUM	UG/L	21 U	21 U	21 U	21 U	0.44 JB	0.44 JB
BERYLLIUM	UG/L	1 U	1 U	1 U	1 U	0.3 U	0.3 U
CADMIUM	UG/L	3 U	3 U	3 U	3 U	1.9 U	1.9 U
CALCIUM	UG/L	1060 B	226 B	129 B	60.2 B	91.6 B	62 B
CHROMIUM	UG/L	5 UJ	5 U	5 UJ	5 U	3.6 U	3.6 U
COBALT	UG/L	6 U	6 U	6 U	6 U	2 U	2 U
COPPER	UG/L	4 U	4 U	4 U	4 U	1.9 U	1.9 U
CYANIDE	UG/L						
IRON	UG/L	113	81.5 B	36.9 B	22.2 B	105	17 B
LEAD	UG/L	9.6	1 UJ	5.2	1 UJ	1 UJ	1.4 JB
MAGNESIUM	UG/L	40 U	40 U	40 U	40 U	22.5 B	13.1 B
MANGANESE	UG/L	1.8 JB	1.4 JB	1.8 JB	1 U	2.6 B	0.6 U
MERCURY	UG/L	0.2 U	0.05 B	0.2 U	0.05 B	0.04 U	0.04 U
NICKEL	UG/L	17 U	17 U	17 U	17 U	7.9 U	7.9 U
POTASSIUM	UG/L	383 U	383 U	383 U	383 U	64 U	64 U
SELENIUM	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
SILVER	UG/L	10 U	10 U	10 U	10 U	3.5 JB	2 U
SODIUM	UG/L	259 JB	226 JB	198 JB	281 JB	97 JB	164 JB
THALLIUM	UG/L	2 U	2 UJ	2 U	2 UJ	2 U	2 U
VANADIUM	UG/L	5 U	5 U	5 U	5 U	1.8 U	1.8 U
ZINC	UG/L	4.4 B	4 U	4 U	4 U	4.4 B	4.1 B

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 TOTAL & DISSOLVED METALS

	Sample No:	6-201E-ER-13	6-201E-ER11	6-201S-ER-15	6-201S-ER-19	6-203-DDT-ER-09	6-203-ER10
	Depth:	RINS BLANK	RINS BLANK	RINS BLANK	RINS BLANK	RINS BLNK	RINS BLANK
	Date Sampled:	9/13/92	9/12/92	9/15/92	9/24/92	9/9/92	9/11/92
	Lab Id:	00509-01	00506-01	00517-01	00536-31	00497-08	00506-05
Parameter	Units						
ALUMINUM	UG/L	68 B	30.4 B	42.7 B	59 U	43.1 B	14 U
ANTIMONY	UG/L	49 UJ	14 U	14 U	14 UJ	14 UJ	14 U
ARSENIC	UG/L	3 U	3 U	3 U	3 U	3 U	3 U
BARIUM	UG/L	21 U	0.75 JB	1.2 JB	0.76 JB	0.51 JB	0.53 JB
BERYLLIUM	UG/L	1 U	0.3 U	0.37 B	0.3 U	0.3 U	0.3 U
CADMIUM	UG/L	3 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
CALCIUM	UG/L	130 B	118 B	164 B	203 B	148 B	83.9 B
CHROMIUM	UG/L	12	3.6 U	5 B	3.6 UJ	3.6 U	3.6 U
COBALT	UG/L	6 U	2 UJ	2 U	2 U	2 U	2 UJ
COPPER	UG/L	4 U	1.9 JB	1.9 U	3.5 JB	2 JB	1.9 U
CYANIDE	UG/L						
IRON	UG/L	235	237	27 B	54.1 JB	79.2 B	48.4 B
LEAD	UG/L	1.5 B	5	1 UJ	1 U	1 U	3.4
MAGNESIUM	UG/L	40 U	19.8 B	25.8 B	32.5 B	28.5 B	15.4 B
MANGANESE	UG/L	2 B	4.9 B	1.2 B	1.2 JB	0.6 U	0.6 U
MERCURY	UG/L	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
NICKEL	UG/L	17 U	7.9 U	7.9 UJ	7.9 U	7.9 U	7.9 U
POTASSIUM	UG/L	383 U	64 U	64 U	64 U	64 U	64 U
SELENIUM	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
SILVER	UG/L	10 U	3.3 JB	4.7 JB	3.7 JB	2.6 JB	2 U
SODIUM	UG/L	202 JB	199 JB	362 JB	201 JB	323 JB	237 JB
THALLIUM	UG/L	2 U	2 U	2 UJ	2 U	2 U	2 U
VANADIUM	UG/L	5 JB	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
ZINC	UG/L	4 U	5.5 B	6 B	4.1 JB	16.8 B	4.3 B

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 TOTAL & DISSOLVED METALS

	Sample No:	6-2030-ER-13	6-2030SA-ER-21	6-2030SA-ER-23	6-2030SA-ER-25	6-2030SA-ER-27	6-2030SA-ER-27
	Depth:	RINS BLANK	RINS BLANK	RINS BLANK	RINS BLANK	RINS BLANK	RINS BLANK
	Date Sampled:	9/14/92	10/6/92	10/09/92	10/11/92	10/20/92	10/26/92
	Lab Id:	00509-05	00564-09	00570-09	00570-27	00582-13	00593-24
Parameter	Units						
ALUMINUM	UG/L	97 B	22.2 B	15.6 B	20.6 B	34.4 B	14 U
ANTIMONY	UG/L	49 UJ	14 UJ	14 U	14 U	14 UJ	14 UJ
ARSENIC	UG/L	3 U	3 U	2 UJ	3 UJ	3 U	3 U
BARIUM	UG/L	21 U	0.76 JB	0.57 JB	0.68 JB	1 JB	1.2 JB
BERYLLIUM	UG/L	1 U	0.3 UJ	0.3 U	0.3 U	0.3 U	0.3 U
CADMIUM	UG/L	3 JB	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ
CALCIUM	UG/L	114 B	82.6 B	109 B	152 B	112 B	89 B
CHROMIUM	UG/L	8 B	3.6 U	3.6 U	3.6 U	3.6 UJ	3.6 U
COBALT	UG/L	6 U	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
COPPER	UG/L	4 B	1.9 U	15.3 JB	1.9 U	2.5 JB	2.4 JB
CYANIDE	UG/L						
IRON	UG/L	22 B	12.3 B	10.6 B	412	20.5 B	9.2 UJ
LEAD	UG/L	1.6 B	1 U	36.6	1 U	1 U	1 U
MAGNESIUM	UG/L	58 B	12.2 U	12.2 U	15 B	35.3 B	15.5 B
MANGANESE	UG/L	1 B	0.6 UJ	0.6 U	5.6 B	0.6 U	0.6 UJ
MERCURY	UG/L	0.04 U	0.04 U	0.05 UJ	0.05 UJ	0.04 U	0.04 U
NICKEL	UG/L	24 JB	7.9 UJ	7.9 U	7.9 UJ	9.7 JB	7.9 UJ
POTASSIUM	UG/L	383 U	64 UJ	64 U	64 U	64 U	64 U
SELENIUM	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
SILVER	UG/L	10 U	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
SODIUM	UG/L	244 JB	116 JB	281 JB	279 JB	163 JB	169 JB
THALLIUM	UG/L	2 U	2 U	2 UJ	2 U	2 UJ	2 UJ
VANADIUM	UG/L	5 JB	1.8 UJ	1.8 UJ	1.8 UJ	1.8 UJ	1.8 UJ
ZINC	UG/L	4 U	5.4 B	5.6 B	5 B	4.2 B	2.3 B

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 TOTAL & DISSOLVED METALS

	Sample No:	6-203DDT-ER-6	6-203DDT-FB-01	6-203OSA-EB-08	6-203PCB-ER-07	6-203PCB-FB-01	6-BH-ER-07
	Depth:	RINS BLANK	FLD BLANK	RINS BLNK	RINS BLANK	FLD BLANK	RINS BLANK
	Date Sampled:	9/1/92	9/2/92	9/1/92	9/1/92	9/2/92	8/28/92
	Lab Id:	00485-01	00485-03	00497-05	00485-27	00485-29	00454-01
Parameter	Units						
ALUMINUM	UG/L	39.6 B	75.4 B	47.7 B	53 B	120 B	154 JB
ANTIMONY	UG/L	14 U	14 U	14 UJ	14 U	14 U	49 UJ
ARSENIC	UG/L	3 UJ	3 UJ	3 U	3 UJ	3 UJ	3 UJ
BARIUM	UG/L	0.86 JB	0.79 JB	0.59 JB	1.3 JB	5.7 JB	21 U
BERYLLIUM	UG/L	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	5 J
CADMIUM	UG/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	3 U
CALCIUM	UG/L	118 B	88.9 B	140 B	116 B	26000	100 B
CHROMIUM	UG/L	3.6 U	3.6 U	3.6 U	5.2 B	3.6 U	5 U
COBALT	UG/L	2 U	2 U	2 U	2 U	2 U	6 U
COPPER	UG/L	2.7 JB	30.5 J	1.9 U	3.6 JB	2.2 JB	5 JB
CYANIDE	UG/L						10 U
IRON	UG/L	41.6 B	156	25.7 B	106	33.7 B	34 B
LEAD	UG/L	1 U	1 U	1 U	1 U	1 U	1 UJ
MAGNESIUM	UG/L	33.1 B	24.4 B	38.8 B	26.1 B	1940 B	40 U
MANGANESE	UG/L	1.3 JB	2.3 JB	0.67 JB	0.8 JB	1.1 JB	1 UJ
MERCURY	UG/L	0.05 B	0.05 B	0.04 U	0.07 B	0.06 B	0.05 U
NICKEL	UG/L	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	17 U
POTASSIUM	UG/L	64 U	64 U	64 U	82.5 B	1210 B	472 JB
SELENIUM	UG/L	5 UJ	5 UJ	5 U	5 UJ	5 UJ	5 U
SILVER	UG/L	2 U	3.5 JB	2 U	2.2 JB	2 U	10 UJ
SODIUM	UG/L	248 JB	136 JB	603 JB	251 JB	6680	176 JB
THALLIUM	UG/L	2 U	2 U	2 UJ	2 U	2 U	2 UJ
VANADIUM	UG/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	5 JB
ZINC	UG/L	5.8 B	13.3 B	14.4 B	8.6 B	8.6 B	7 B

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 TOTAL & DISSOLVED METALS

	Sample No:	6-BH-SW-ER-06	6-ER-17	6-ER-23	6-ER-25	6-ER-27	6-GW-ER-01
	Depth:	RINS BLANK	RINS BLANK	RINS BLANK	RINS BLANK	RINS BLANK	RINS BLANK
	Date Sampled:	8/26/92	9/24/92	10/6/92	10/11/92	10/14/92	10/21/92
	Lab Id:	00445-15	00544-02	00564-08	00570-12	00570-37	00582-16
Parameter	Units						
ALUMINUM	UG/L	14 U	122 B	22.2 B	22 B	15.1 B	14 U
ANTIMONY	UG/L	14 U	49 UJ	20.2 JB	14 U	14 U	14 UJ
ARSENIC	UG/L	2 U	3 U	3 U	2 U	3 UJ	3 U
BARIUM	UG/L	1.5 JB	21 U	0.63 JB	0.68 JB	0.57 JB	1 JB
BERYLLIUM	UG/L	0.3 U	1 JB	0.3 UJ	0.3 U	0.3 U	0.3 U
CADMIUM	UG/L	1.9 U	4 JB	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ
CALCIUM	UG/L	115 B	87 B	104 B	97 B	97.4 B	105 B
CHROMIUM	UG/L	3.6 U	5 U	3.6 U	3.6 U	3.6 U	3.6 UJ
COBALT	UG/L	2 U	6 U	2 UJ	2 B	2 UJ	2 UJ
COPPER	UG/L	2.8 JB	9 JB	3.2 JB	1.9 U	1.9 U	16 JB
CYANIDE	UG/L	10 UJ					10 U
IRON	UG/L	21.8 B	10 U	78.9 B	14.2 B	40 B	17.8 B
LEAD	UG/L	1 U	1 UJ	1 U	1 U	43	1.8 B
MAGNESIUM	UG/L	31.1 B	40 B	22.9 B	21.5 B	12.2 U	31.3 B
MANGANESE	UG/L	0.65 B	2 JB	0.6 UJ	0.6 U	0.6 U	0.6 U
MERCURY	UG/L	0.06 B	0.04 U	0.04 U	0.05 UJ	0.05 UJ	0.05 U
NICKEL	UG/L	7.9 U	21 JB	7.9 UJ	7.9 U	7.9 UJ	7.9 U
POTASSIUM	UG/L	64 U	533 JB	64 UJ	64 U	64 U	64 U
SELENIUM	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
SILVER	UG/L	4.9 JB	10 U	2 UJ	2 UJ	2 UJ	2 UJ
SODIUM	UG/L	264 JB	282 JB	207 JB	248 JB	178 JB	160 JB
THALLIUM	UG/L	2 U	2 U	2 U	2 UJ	2 U	2 U
VANADIUM	UG/L	1.8 U	5 U	1.8 UJ	1.8 UJ	1.8 UJ	1.8 UJ
ZINC	UG/L	8.1 B	8 JB	12.3 B	8.8 B	5.2 B	10.5 B

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 TOTAL & DISSOLVED METALS

Sample No:	6-GW-ER-03	6-GW-ER-DW-01	6-GW-ER-DWD-01	6-GW-ERD-01	6-GW-ERD-03	6-GW-FB-DW-01	
Depth:	RINS BLANK	RINS BLANK	RINS BLANK	RINS BLANK	RINS BLANK	FLD BLANK	
Date Sampled:	10/23/92	11/3/92	11/3/92	10/21/92	10/23/92	11/4/92	
Lab Id:	00591-08	00603-01	00603-02	00582-17	00591-09	00603-05	
Parameter	Units						
ALUMINUM	UG/L	34.1 B	14 U	14 U	30.1 B	26.5 B	28.8 B
ANTIMONY	UG/L	30.4 JB	14 UJ	14 UJ	14 UJ	18.6 JB	14 UJ
ARSENIC	UG/L	3 U	3 U	3 U	3 U	3 U	3 U
BARIUM	UG/L	0.6 JB	0.77 JB	0.64 JB	2 JB	1.5 JB	0.64 JB
BERYLLIUM	UG/L	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CADMIUM	UG/L	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ
CALCIUM	UG/L	89.4 B	99.9 B	124 B	247 B	128 B	105 B
CHROMIUM	UG/L	3.6 U	3.6 UJ	3.6 UJ	4.9 B	3.6 U	3.6 UJ
COBALT	UG/L	2 U	2 U	2 U	2 UJ	2 U	2 U
COPPER	UG/L	1.9 U	1.9 UJ	1.9 UJ	7.1 JB	3.5 JB	1.9 UJ
CYANIDE	UG/L	10 U	10 UJ				10 UJ
IRON	UG/L	24.8 B	24.4 B	48.2 B	106	30.8 B	31.5 B
LEAD	UG/L	1 U	1 U	1 U	1 U	1 U	1.4 B
MAGNESIUM	UG/L	12.2 U	16.2 B	28.6 B	71.3 B	27.6 B	22.1 B
MANGANESE	UG/L	0.6 U	0.6 U	0.6 U	8.8 B	0.6 U	0.6 U
MERCURY	UG/L	0.06 UJ	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U
NICKEL	UG/L	7.9 UJ	7.9 U	7.9 U	15.3 JB	7.9 UJ	13.9 JB
POTASSIUM	UG/L	64 U	64.4 B	80.6 B	159 B	110 JB	64 U
SELENIUM	UG/L	5 U	5 U	5 U	5 U	5 UJ	5 U
SILVER	UG/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
SODIUM	UG/L	155 JB	173 JB	280 JB	456 JB	219 JB	131 JB
THALLIUM	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
VANADIUM	UG/L	1.8 UJ	1.8 UJ	1.8 UJ	1.8 UJ	1.8 UJ	1.8 UJ
ZINC	UG/L	1.9 B	6 B	6.6 B	34.3	6.9 B	5 B

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMPLEJEUNE, NORTH CAROLINA
 TOTAL & DISSOLVED METALS

Sample No:	6-GW-FB-DWD-01	6-GWFB-01	6-GWFBD-01	6-RV2-ER-05	6-RV4-ER-04	6-WC09-ER-03
Depth:	FLD BLANK	FLD BLANK	FLD BLANK	RINS BLANK	RINS BLANK	RINS BLANK
Date Sampled:	11/4/92	10/24/92	10/24/92	8/25/92	8/24/92	8/23/92
Lab Id:	00603-06	00593-05	00593-06	00439-12	00437-07	00429-25
Parameter	Units					
ALUMINUM	UG/L	14 U	14 U	14 U	59 U	14 UJ
ANTIMONY	UG/L	14 UJ	14 UJ	14 UJ	49 U	14 UJ
ARSENIC	UG/L	3 U	3 U	3 U	2 U	3 U
BARIUM	UG/L	0.77 JB	1 JB	4.8 JB	21 U	5.6 JB
BERYLLIUM	UG/L	0.3 U	0.3 U	3.5 B	1 U	0.3 U
CADMIUM	UG/L	1.9 UJ	1.9 UJ	4 B	3 U	1.9 U
CALCIUM	UG/L	71.7 B	83.6 B	110 B	11500	104 B
CHROMIUM	UG/L	3.6 UJ	3.6 U	3.6 U	5 U	4.9 B
COBALT	UG/L	2 U	2.6 B	2 U	6 U	2 U
COPPER	UG/L	1.9 UJ	2.1 JB	4.9 JB	81	2.8 B
CYANIDE	UG/L		10 U		10 U	10 U
IRON	UG/L	17.1 B	14.6 JB	9.2 UJ	39.4 U	9.2 U
LEAD	UG/L	1 U	1 U	1 UJ	3.4	1 U
MAGNESIUM	UG/L	16.9 B	16.2 B	43.9 JB	1790 B	20.5 B
MANGANESE	UG/L	0.6 U	0.6 UJ	1.2 B	1.4 JB	0.6 U
MERCURY	UG/L	0.05 U	0.05 U	0.04 U	0.2 U	0.04 U
NICKEL	UG/L	9.5 JB	7.9 UJ	7.9 UJ	17 U	7.9 U
POTASSIUM	UG/L	64.4 B	64 U	150 JB	1210 B	64 U
SELENIUM	UG/L	5 U	5 U	5 U	5 U	5 UJ
SILVER	UG/L	2 UJ	2 UJ	2 UJ	10 U	3.2 B
SODIUM	UG/L	206 JB	222 JB	238 JB	28800	322 JB
THALLIUM	UG/L	2 U	2 UJ	2 UJ	2 UJ	2 U
VANADIUM	UG/L	1.8 UJ	1.8 UJ	2.2 B	5 U	1.8 U
ZINC	UG/L	3.8 B	8.8 B	5.6 B	12.8 UJ	1.9 B

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 TOTAL & DISSOLVED METALS

	Sample No:	6-WC10-ER-02	9-AST-ER-15	9-ER-19	9-FB-02	9-GW-ERD-05	9-GWER-05
	Depth:	RINS BLANK	RINS BLANK	RINS BLANK	FLD BLANK	RINS BLANK	RINS BLANK
	Date Sampled:	8/22/92	9/16/92	9/26/92	9/16/92	10/25/92	10/25/92
	Lab Id:	00426-01	00517-04	00544-17	00517-16	00593-26	00593-25
Parameter	Units						
ALUMINUM	UG/L	59 U	29.6 B	109 B	26.2 B	35.1 B	14 U
ANTIMONY	UG/L	49 U	14 U	49 UJ	14 U	14 UJ	14 UJ
ARSENIC	UG/L	2 U	3 U	3 U	3 U	3 U	3 U
BARIUM	UG/L	21 U	0.85 JB	21 U	0.59 JB	1.3 JB	1.4 JB
BERYLLIUM	UG/L	1 U	0.3 UJ	1 JB	0.3 UJ	0.46 JB	0.3 U
CADMIUM	UG/L	3 U	1.9 U	6 J	1.9 U	2 B	1.9 UJ
CALCIUM	UG/L	98 B	150 B	47 B	97.2 B	489 B	93.5 B
CHROMIUM	UG/L	5 U	3.6 U	5 U	3.6 U	3.6 U	3.6 U
COBALT	UG/L	6 U	2 U	6 U	2 U	2 U	2 UJ
COPPER	UG/L	4 JB	1.9 U	7 JB	1.9 U	3 JB	3 JB
CYANIDE	UG/L	10 U					10 U
IRON	UG/L	29 B	46.2 B	10 B	26.4 B	28.2 B	23.3 JB
LEAD	UG/L	1 U	1 U	1 U	1 U	2.4 JB	1 U
MAGNESIUM	UG/L	40 U	15.3 B	52 B	12.2 U	32.4 JB	26.3 B
MANGANESE	UG/L	1 JB	1.7 B	3 JB	1.2 B	0.6 UJ	0.6 UJ
MERCURY	UG/L	0.2 U	0.05 B	0.04 U	0.05 B	0.04 U	0.05 U
NICKEL	UG/L	17 U	7.9 UJ	24 JB	7.9 UJ	7.9 UJ	7.9 UJ
POTASSIUM	UG/L	383 U	64 U	578 JB	64 U	88.1 JB	64 U
SELENIUM	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
SILVER	UG/L	10 U	4.8 JB	10 U	4.8 JB	2 UJ	2 UJ
SODIUM	UG/L	226 JB	349 JB	188 JB	275 JB	215 JB	196 JB
THALLIUM	UG/L	2 U	2 UJ	2 U	2 U	2 UJ	2 UJ
VANADIUM	UG/L	8 JB	1.8 U	5 U	1.8 U	1.8 UJ	1.8 UJ
ZINC	UG/L	4 U	3.1 B	4 JB	4.2 B	15 B	3.9 B

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SITE 6 & 9
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 TOTAL & DISSOLVED METALS

Sample No: 9-TPO-ER-17
 Depth: RINS BLANK
 Date Sampled: 9/22/92
 Lab Id: 00536-05

Parameter	Units	
ALUMINUM	UG/L	18.3 B
ANTIMONY	UG/L	14 UJ
ARSENIC	UG/L	3 U
BARIUM	UG/L	0.66 JB
BERYLLIUM	UG/L	0.3 U
CADMIUM	UG/L	1.9 U
CALCIUM	UG/L	87.7 B
CHROMIUM	UG/L	3.6 U
COBALT	UG/L	2 U
COPPER	UG/L	1.9 U
CYANIDE	UG/L	
IRON	UG/L	25 B
LEAD	UG/L	1 U
MAGNESIUM	UG/L	17.5 B
MANGANESE	UG/L	0.6 U
MERCURY	UG/L	0.04 U
NICKEL	UG/L	7.9 U
POTASSIUM	UG/L	64 U
SELENIUM	UG/L	5 U
SILVER	UG/L	2 JB
SODIUM	UG/L	208 JB
THALLIUM	UG/L	2 UJ
VANADIUM	UG/L	1.8 U
ZINC	UG/L	2.6 B

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OPERABLE UNIT NO. 2
 FIELD DUPLICATE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 VOLATILE ORGANICS

Sample No: 6-GW37DW-01D
 Depth: DUP GW37DW01
 Date sampled: 3/22/93
 Lab Id: 930141-37

Parameter	Units	
VOLATILES		
BROMODICHLOROMETHANE	UG/L	1.0 U
BROMOFORM	UG/L	1.0 UJ
BROMOMETHANE	UG/L	1.0 U
CARBON TETRACHLORIDE	UG/L	1.0 U
CHLOROBENZENE	UG/L	1.0 U
CHLOROETHANE	UG/L	1.0 U
2-CHLOROETHYL VINYL ETHER	UG/L	1.0 U
CHLOROFORM	UG/L	1.0 U
CHLOROMETHANE	UG/L	1.0 U
DIBROMOCHLOROMETHANE	UG/L	1.0 U
1,1-DICHLOROETHANE	UG/L	1.0 U
1,2-DICHLOROETHANE	UG/L	1.0 U
1,1-DICHLOROETHENE	UG/L	1.0 U
TOTAL-1,2-DICHLORETHENE	UG/L	140
1,2-DICHLOROPROPANE	UG/L	1.0 U
CIS-1,3-DICHLOROPROPENE	UG/L	1.0 U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.0 U
METHYLENE CHLORIDE	UG/L	1.0 U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.0 U
TETRACHLOROETHENE	UG/L	1.0 U
1,1,1-TRICHLOROETHANE	UG/L	1.0 U
1,1,2-TRICHLOROETHANE	UG/L	1.0 U
TRICHLOROETHENE	UG/L	32 J
TRICHLOROFLUOROMETHANE	UG/L	1.0 U
VINYL CHLORIDE	UG/L	2.6
BENZENE	UG/L	1.0 U
1,2-DICHLOROBENZENE	UG/L	1.0 U
1,3-DICHLOROBENZENE	UG/L	1.0 U
1,4-DICHLOROBENZENE	UG/L	1.0 U
ETHYLBENZENE	UG/L	1.0 U
TOLUENE	UG/L	1.0 U
XYLENES (TOTAL)	UG/L	1.0 U

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OPERABLE UNIT NO. 2
 FIELD DUPLICATE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-GW28S-02D	9-GW1-02D
Depth:	DUP GW28S0	DUP GW102
Date Sampled:	3/18/93	3/9/93
Lab Id:	930136-09	930115-07

Parameter	Units		
<u>PESTICIDE/PCBS</u>			
ALPHA-BHC	UG/L	0.05 U	0.05 UJ
BETA-BHC	UG/L	0.05 U	0.05 UJ
DELTA-BHC	UG/L	0.05 U	0.05 UJ
GAMMA-BHC(LINDANE)	UG/L	0.05 U	0.05 UJ
HEPTACHLOR	UG/L	0.05 U	0.05 UJ
ALDRIN	UG/L	0.05 U	0.05 UJ
HEPTACHLOR EPOXIDE	UG/L	0.05 U	0.05 UJ
ENDOSULFAN I	UG/L	0.05 U	0.05 UJ
DIELDRIN	UG/L	0.1 U	0.1 UJ
4,4'-DDE	UG/L	0.1 U	1 J
ENDRIN	UG/L	0.1 U	0.1 UJ
ENDOSULFAN II	UG/L	0.1 U	0.1 UJ
4,4'-DDD	UG/L	0.1 U	1 J
ENDOSULFAN SULFATE	UG/L	0.1 U	0.1 UJ
4,4'-DDT	UG/L	0.1 U	0.13 J
METHOXYCHLOR	UG/L	0.5 U	0.5 UJ
ENDRIN KETONE	UG/L	0.1 U	0.1 UJ
ENDRIN ALDEHYDE	UG/L	0.1 U	0.1 UJ
ALPHA CHLORDANE	UG/L	0.05 U	0.05 UJ
GAMMA CHLORDANE	UG/L	0.05 U	0.05 UJ
TOXAPHENE	UG/L	5 U	5 UJ
PCB-1016	UG/L	1 U	1 UJ
PCB-1221	UG/L	2 U	2 UJ
PCB-1232	UG/L	1 U	1 UJ
PCB-1242	UG/L	1 U	1 UJ
PCB-1248	UG/L	1 U	1 UJ
PCB-1254	UG/L	1 U	1 UJ
PCB-1260	UG/L	1 U	1 UJ
<u>SEMI-VOLATILES</u>			
PHENOL	UG/L	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	UG/L	10 UJ	10 U
2-CHLOROPHENOL	UG/L	10 U	10 U
1,3-DICHLOROBENZENE	UG/L	10 U	10 U
1,4-DICHLOROBENZENE	UG/L	10 U	10 U
1,2-DICHLOROBENZENE	UG/L	10 U	10 U
2-METHYLPHENOL	UG/L	10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L	10 U	10 UJ
4-METHYLPHENOL	UG/L	10 UJ	10 U
N-NITROSODI-N-PROPYLAMINE	UG/L	10 UJ	10 U
HEXACHLOROETHANE	UG/L	10 U	10 U
NITROBENZENE	UG/L	10 U	10 U
ISOPHORONE	UG/L	10 U	10 U
2-NITROPHENOL	UG/L	10 U	10 U
2,4-DIMETHYLPHENOL	UG/L	10 U	10 U
BIS(2-CHLOROETHOXY)METHANE	UG/L	10 U	10 U
2,4-DICHLOROPHENOL	UG/L	10 U	10 U

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OPERABLE UNIT NO. 2
 FIELD DUPLICATE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-GW28S-02D	9-GW1-02D
Depth:	DUPGW28S0	DUPGW102
Date Sampled:	3/18/93	3/9/93
Lab Id:	930136-09	930115-07

Parameter	Units		
<u>SEMIVOLATILES Cont.</u>			
1,2,4-TRICHLOROBENZENE	UG/L	10 U	10 U
NAPHTHALENE	UG/L	10 U	10 U
4-CHLORANILINE	UG/L	10 U	10 U
HEXACHLOROBUTADIENE	UG/L	10 U	10 U
4-CHLORO-3-METHYLPHENOL	UG/L	10 U	10 U
2-METHYLNAPHTHALENE	UG/L	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	UG/L	10 U	10 U
2,4,6-TRICHLOROPHENOL	UG/L	10 U	10 U
2,4,5-TRICHLOROPHENOL	UG/L	25 U	25 U
2-CHLORONAPHTHALENE	UG/L	10 U	10 U
2-NITROANILINE	UG/L	25 U	25 U
DIMETHYL PHTHALATE	UG/L	10 U	10 U
ACENAPHTHYLENE	UG/L	10 U	10 U
2,6-DINITROTOLUENE	UG/L	10 U	10 U
3-NITROANILINE	UG/L	25 U	25 U
ACENAPHTHENE	UG/L	10 U	10 U
2,4-DINITROPHENOL	UG/L	25 U	25 U
4-NITROPHENOL	UG/L	25 U	25 U
DIBENZOFURAN	UG/L	10 U	10 U
2,4-DINITROTOLUENE	UG/L	10 U	10 U
DIETHYL PHTHALATE	UG/L	10 U	10 U
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 U	10 U
FLUORENE	UG/L	10 U	10 U
4-NITROANILINE	UG/L	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 U	25 U
N-NITRISODIPHENYLAMINE	UG/L	10 U	10 U
4-BROMOPHENYL PHENYL ETHER	UG/L	10 U	10 U
HEXACHLOROBENZENE	UG/L	10 U	10 U
PENTACHLOROPHENOL	UG/L	25 U	25 U
PHENANTHRENE	UG/L	10 U	10 U
ANTHRACENE	UG/L	10 U	10 U
DI-N-BUTYL PHTHALATE	UG/L	10 U	10 U
FLUORANTHENE	UG/L	10 U	10 U
CARBAZOLE	UG/L	10 U	10 U
PYRENE	UG/L	10 U	10 U
BUTYL BENZYL PHTHALATE	UG/L	10 U	10 U
3,3-DICHLOROBENZIDINE	UG/L	10 U	10 U
BENZO(A)ANTHRACENE	UG/L	10 U	10 U
CHRYSENE	UG/L	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10 U	1 U
DI-N-OCTYL PHTHALATE	UG/L	10 U	10 U
BENZO(B)FLUORANTHENE	UG/L	10 U	10 U
BENZO(K)FLUORANTHENE	UG/L	10 U	10 U
BENZO(A)PYRENE	UG/L	10 U	10 U
INDENO(1,2,3-CD) PYRENE	UG/L	10 U	10 U
DIBENZ(A,H)ANTHRACENE	UG/L	10 U	10 U
BENZO(G,H,I)PERYLENE	UG/L	10 U	10 U

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OPERABLE UNIT NO. 2
 FIELD DUPLICATE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJUNE, NORTH CAROLINA
 VOLATILE ORGANICS

Sample No:	6-GW1DW-02D	6-GW18-02D	6-GW28S-02D	9-GW1-02D	6-MW9-02D
Depth:	DUP GW1DW02	DUP GW1802	DUP GW28S02	DUP GW102	DUP MW902
Date sampled:	3/23/93	3/20/93	3/18/93	3/9/93	3/21/93
Lab Id:	930150-05	930141-14	930135-01	930115-07	930141-25
Parameter	Units				
VOLATILES					
BROMODICHLOROMETHANE	UG/L	10 U	1.0 U	1.0 U	1.0 U
BROMOFORM	UG/L	10 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	UG/L	10 UJ	1.0 U	1.0 U	1.0 U
CARBON TETRACHLORIDE	UG/L	10 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	UG/L	10 U	1.0 U	1.0 U	2.3
2-CHLOROETHYL VINYL ETHER	UG/L	10 U	1.0 U	1.0 U	1.0 U
CHLOROFORM	UG/L	10 U	1.0 U	1.0 U	2.5
CHLOROMETHANE	UG/L	10 UJ	1.0 UJ	1.0 UJ	1.0 UJ
DIBROMOCHLOROMETHANE	UG/L	10 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	UG/L	10 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	UG/L	10 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	UG/L	26	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	UG/L	10 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	UG/L	34	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHENE	UG/L	43	1.0 U	1.0 U	1.0 U
TOTAL-1,2-DICHLORETHENE	UG/L	26000	1.0 U	8.6 J	1.0 U
1,2-DICHLOROPROPANE	UG/L	10 U	1.0 U	1.0 U	1.0 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	1.0 U	1.0 U	1.0 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	UG/L	10 U	1.0 U	1.0 U	1.0 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHENE	UG/L	770	1.0 U	1.0	1.0 U
1,1,1-TRICHLOROETHANE	UG/L	10 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	UG/L	50000	1.0 U	4.5	1.0 U
TRICHLOROFLUOROMETHANE	UG/L	10 U	1.0 U	1.0 U	1.0 U
VINYL CHLORIDE	UG/L	310 J	1.0 U	1.0 UJ	1.0 U
BENZENE	UG/L	1.0 UJ	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	UG/L	8.3	1.0 U	1.0 U	1.0 U
ETHYLBENZENE	UG/L	39	1.0 U	1.0 U	1.0 U
TOLUENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U
XYLENES (TOTAL)	UG/L	1.5	1.0 U	1.0 U	1.0 U

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OPERABLE UNIT NO. 2
 FIELD DUPLICATE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 DISSOLVED METALS

Sample No:	6-GW28SD-02D	9-GW1D-02D
Depth:	DUP GW28SD	DUP GW1D02
Date Sampled:	N/A	3/9/93
Lab Id:	30136-10	30115-09

Parameter	Units		
ALUMINUM	UG/L	42.3 U	93.7 U
ANTIMONY	UG/L	37 JB	22 U
ARSENIC	UG/L	1 U	1.4 B
BARIUM	UG/L	4.1 JB	33.6 B
BERYLLIUM	UG/L	1 U	1 U
CADMIUM	UG/L	3 U	3 UJ
CALCIUM	UG/L	1740 B	73900
CHROMIUM	UG/L	6 U	6 UJ
COBALT	UG/L	3 U	3 U
COPPER	UG/L	2.2 UJ	10.3 U
IRON	UG/L	15.3 U	41.1 U
LEAD	UG/L	1 U	3 UJ
MAGNESIUM	UG/L	2020 B	1680 U
MANGANESE	UG/L	4.7 B	17.6
MERCURY	UG/L	0.27 U	0.13 U
NICKEL	UG/L	17 U	17 U
POTASSIUM	UG/L	731 U	4930 B
SELENIUM	UG/L	2 UJ	2 UJ
SILVER	UG/L	3 U	3 U
SODIUM	UG/L	8080	1150 U
THALLIUM	UG/L	3 U	3 UJ
VANADIUM	UG/L	3 UJ	3 UJ
ZINC	UG/L	7.3 U	3.7 U

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OPERABLE UNIT NO. 2
 FIELD DUPLICATE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 TOTAL METALS

Sample No:	6-GW28S-02D	9-GW1-02D
Depth:	DUP GW28S	DUP GW102
Date Sampled:	N/A	3/9/93
Lab Id:	30136-09	30115-07

Parameter	Units		
ALUMINUM	UG/L	8460	210000 J
ANTIMONY	UG/L	22 U	22 UR
ARSENIC	UG/L	3.4 U	5 JB
BARIUM	UG/L	81.1 B	622
BERYLLIUM	UG/L	1 U	2.4 B
CADMIUM	UG/L	3 U	3 UJ
CALCIUM	UG/L	2720 B	142000
CHROMIUM	UG/L	14.1	187 J
COBALT	UG/L	3 U	8.2 U
COPPER	UG/L	4.2 UJ	69.1 UJ
CYANIDE	UG/L	10 U	
IRON	UG/L	4260	72200 J
LEAD	UG/L	5.2	315 J
MAGNESIUM	UG/L	2500 B	6890 UJ
MANGANESE	UG/L	14.3 B	168 J
MERCURY	UG/L	0.38 UJ	0.16 U
NICKEL	UG/L	17 U	26.9 B
POTASSIUM	UG/L	1220 B	13100 J
SELENIUM	UG/L	2 UJ	3 JB
SILVER	UG/L	3 U	3 U
SODIUM	UG/L	8020	1370 U
THALLIUM	UG/L	3 U	3 UJ
VANADIUM	UG/L	17.3 B	256 J
ZINC	UG/L	22.5	276 J

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PHASE II TEST PIT SOILS
 FIELD DUPLICATE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 TOTAL METALS

Sample No: 6--TP5-02D
 Depth: DUP TP502
 Date Sampled: 3/3/93
 Lab Id: 30095-14

Parameter	Units	
ALUMINUM	MG/KG	3980 J
ANTIMONY	MG/KG	4.3 UR
ARSENIC	MG/KG	2.2
BARIUM	MG/KG	27.1 B
BERYLLIUM	MG/KG	0.2 U
CADMIUM	MG/KG	0.59 U
CALCIUM	MG/KG	670 B
CHROMIUM	MG/KG	3.9
COBALT	MG/KG	0.59 U
COPPER	MG/KG	1.5 JB
IRON	MG/KG	3250 J
LEAD	MG/KG	5.3 J
MAGNESIUM	MG/KG	119 B
MANGANESE	MG/KG	10.5
MERCURY	MG/KG	0.05 U
NICKEL	MG/KG	3.3 U
POTASSIUM	MG/KG	263 B
SELENIUM	MG/KG	0.96 B
SILVER	MG/KG	0.59 U
SODIUM	MG/KG	71.7 U
THALLIUM	MG/KG	0.67 U
VANADIUM	MG/KG	8.5 B
ZINC	MG/KG	2.4 U

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WOODS & RAVINE AREA (SITE 82) SURFACE SOILS
 FIELD DUPLICATE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No: 6-2030-SB24-00D
 Depth: DUP SB2400
 Date Sampled: 3/5/93
 Lab Id: 930095-24

Parameter	Units	
<u>VOLATILES</u>		
CHLOROMETHANE	UG/KG	12 U
BROMOMETHANE	UG/KG	12 U
VINYL CHLORIDE	UG/KG	12 U
CHLOROETHANE	UG/KG	12 U
METHYLENE CHLORIDE	UG/KG	12 U
ACETONE	UG/KG	12 U
CARBON DISULFIDE	UG/KG	12 U
1,1-DICHLOROETHENE	UG/KG	12 U
1,1-DICHLOROETHANE	UG/KG	12 U
1,2-DICHLOROETHENE	UG/KG	12 U
CHLOROFORM	UG/KG	12 U
1,2-DICHLOROETHANE	UG/KG	12 U
2-BUTANONE	UG/KG	12 U
1,1,1-TRICHLOROETHANE	UG/KG	12 U
CARBON TETRACHLORIDE	UG/KG	12 U
BROMODICHLOROMETHANE	UG/KG	12 U
1,2-DICHLOROPROPANE	UG/KG	12 U
CIS-1,3-DICHLOROPROPENE	UG/KG	12 U
TRICHLOROETHENE	UG/KG	12 U
DIBROMOCHLOROMETHANE	UG/KG	12 U
1,1,2-TRICHLOROETHANE	UG/KG	12 U
BENZENE	UG/KG	12 U
TRANS-1,3-DICHLOROPROPENE	UG/KG	12 U
BROMOFORM	UG/KG	12 U
4-METHYL-2-PENTANONE	UG/KG	12 U
2-HEXANONE	UG/KG	12 U
TETRACHLOROETHENE	UG/KG	12 U
1,1,2,2-TETRACHLOROETHANE	UG/KG	12 U
TOLUENE	UG/KG	12 U
CHLOROBENZENE	UG/KG	12 U
ETHYLBENZENE	UG/KG	12 U
STYRENE	UG/KG	12 U
TOTAL XYLENES	UG/KG	12 U

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WOODS & RAVINE AREA (SITE 82) SUBSURFACE SOILS
 FIELD DUPLICATE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-GW1DA-07D	6-GW32-09D
Depth:	DUP GW1DA7	DUP GW3209
Date Sampled:	4/3/93	3/6/93
Lab Id:	930170-13	930095-34

Parameter	Units		
<u>VOLATILES</u>			
CHLOROMETHANE	UG/KG	12 U	12 U
BROMOMETHANE	UG/KG	12 U	12 U
VINYL CHLORIDE	UG/KG	12 U	12 U
CHLOROETHANE	UG/KG	12 U	12 U
METHYLENE CHLORIDE	UG/KG	12 U	12 U
ACETONE	UG/KG	14 U	12 U
CARBON DISULFIDE	UG/KG	12 U	12 U
1,1-DICHLOROETHENE	UG/KG	12 U	12 U
1,1-DICHLOROETHANE	UG/KG	12 U	12 U
1,2-DICHLOROETHENE	UG/KG	12 U	160 J
CHLOROFORM	UG/KG	12 U	12 U
1,2-DICHLOROETHANE	UG/KG	12 U	12 U
2-BUTANONE	UG/KG	12 U	12 U
1,1,1-TRICHLOROETHANE	UG/KG	12 U	12 U
CARBON TETRACHLORIDE	UG/KG	12 U	12 U
BROMODICHLOROMETHANE	UG/KG	12 U	12 U
1,2-DICHLOROPROPANE	UG/KG	12 U	12 U
CIS-1,3-DICHLOROPROPENE	UG/KG	12 U	12 U
TRICHLOROETHENE	UG/KG	12 U	160 J
DIBROMOCHLOROMETHANE	UG/KG	12 U	12 U
1,1,2-TRICHLOROETHANE	UG/KG	12 U	12 U
BENZENE	UG/KG	12 U	12 U
TRANS-1,3-DICHLOROPROPENE	UG/KG	12 U	12 U
BROMOFORM	UG/KG	12 U	12 U
4-METHYL-2-PENTANONE	UG/KG	12 U	12 U
2-HEXANONE	UG/KG	12 U	12 U
TETRACHLOROETHENE	UG/KG	12 U	5 J
1,1,2,2-TETRACHLOROETHANE	UG/KG	12 U	12 U
TOLUENE	UG/KG	12 U	12 U
CHLOROBENZENE	UG/KG	12 U	12 U
ETHYLBENZENE	UG/KG	12 U	12 U
STYRENE	UG/KG	12 U	12 U
TOTAL XYLENES	UG/KG	12 U	12 U

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PHASE II TEST PIT SOILS
FIELD DUPLICATE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No: 6-TP5-02D
Depth: DUP TP502
Date Sampled: 3/3/93
Lab Id: 930095-14

Parameter	Units	
<u>PESTICIDE/PCBS</u>		
ALPHA-BHC	UG/KG	38 U
BETA-BHC	UG/KG	38 U
DELTA-BHC	UG/KG	38 U
GAMMA-BHC(LINDANE)	UG/KG	38 U
HEPTACHLOR	UG/KG	38 U
ALDRIN	UG/KG	38 U
HEPTACHLOR EPOXIDE	UG/KG	38 U
ENDOSULFAN I	UG/KG	38 U
DIELDRIN	UG/KG	73 U
4,4'-DDE	UG/KG	73 U
ENDRIN	UG/KG	73 U
ENDOSULFAN II	UG/KG	73 U
4,4'-DDD	UG/KG	320 J
ENDOSULFAN SULFATE	UG/KG	73 U
4,4'-DDT	UG/KG	6600 J
METHOXYCHLOR	UG/KG	380 U
ENDRIN KETONE	UG/KG	73 U
ENDRIN ALDEHYDE	UG/KG	73 U
ALPHA CHLORDANE	UG/KG	38 U
GAMMA CHLORDANE	UG/KG	38 U
TOXAPHENE	UG/KG	3800 U
PCB-1016	UG/KG	730 U
PCB-1221	UG/KG	1500 U
PCB-1232	UG/KG	730 U
PCB-1242	UG/KG	730 U
PCB-1248	UG/KG	730 U
PCB-1254	UG/KG	730 U
PCB-1260	UG/KG	730 U
<u>VOLATILES</u>		
CHLOROMETHANE	UG/KG	12 U
BROMOMETHANE	UG/KG	12 U
VINYL CHLORIDE	UG/KG	12 U
CHLOROETHANE	UG/KG	12 U
METHYLENE CHLORIDE	UG/KG	12 U
ACETONE	UG/KG	12 U
CARBON DISULFIDE	UG/KG	12 U
1,1-DICHLOROETHENE	UG/KG	12 U
1,1-DICHLOROETHANE	UG/KG	12 U
1,2-DICHLOROETHENE	UG/KG	12 U
CHLOROFORM	UG/KG	12 U
1,2-DICHLOROETHANE	UG/KG	12 U
2-BUTANONE	UG/KG	12 U

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PHASE II TEST PIT SOILS
 FIELD DUPLICATE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No: 6-TP5-02D
 Depth: DUP TP502
 Date Sampled: 3/3/93
 Lab Id: 930095-14

Parameter	Units	
<u>VOLATILES Cont.</u>		
1,1,1-TRICHLOROETHANE	UG/KG	12 U
CARBON TETRACHLORIDE	UG/KG	12 U
BROMODICHLOROMETHANE	UG/KG	12 U
1,2-DICHLOROPROPANE	UG/KG	12 U
CIS-1,3-DICHLOROPROPENE	UG/KG	12 U
TRICHLOROETHENE	UG/KG	12 U
DIBROMOCHLOROMETHANE	UG/KG	12 U
1,1,2-TRICHLOROETHANE	UG/KG	12 U
BENZENE	UG/KG	12 U
TRANS-1,3-DICHLOROPROPENE	UG/KG	12 U
BROMOFORM	UG/KG	12 U
4-METHYL-2-PENTANONE	UG/KG	12 U
2-HEXANONE	UG/KG	12 U
TETRACHLOROETHENE	UG/KG	12 U
1,1,2,2-TETRACHLOROETHANE	UG/KG	12 U
TOLUENE	UG/KG	12 U
CHLOROBENZENE	UG/KG	12 U
ETHYLBENZENE	UG/KG	12 U
STYRENE	UG/KG	12 U
TOTAL XYLENES	UG/KG	12 U
<u>SEMIVOLATILES</u>		
PHENOL	UG/KG	360 U
BIS(2-CHLOROETHYL) ETHER	UG/KG	360 U
2-CHLOROPHENOL	UG/KG	360 U
1,3-DICHLOROBENZENE	UG/KG	360 U
1,4-DICHLOROBENZENE	UG/KG	360 U
1,2-DICHLOROBENZENE	UG/KG	360 U
2-METHYLPHENOL	UG/KG	360 U
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/KG	360 UJ
4-METHYLPHENOL	UG/KG	360 U
N-NITROSODI-N-PROPYLAMINE	UG/KG	360 U
HEXACHLOROETHANE	UG/KG	360 U
NITROBENZENE	UG/KG	360 U
ISOPHORONE	UG/KG	360 U
2-NITROPHENOL	UG/KG	360 U
2,4-DIMETHYLPHENOL	UG/KG	360 U
BIS(2-CHLOROETHOXY) METHANE	UG/KG	360 U
2,4-DICHLOROPHENOL	UG/KG	360 U
1,2,4-TRICHLOROBENZENE	UG/KG	360 U
NAPHTHALENE	UG/KG	360 U
4-CHLORANILINE	UG/KG	360 U
HEXACHLOROBUTADIENE	UG/KG	360 U

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PHASE II TEST PIT SOILS
 FIELD DUPLICATE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No: 6-TP5-02D
 Depth: DUP TP502
 Date Sampled: 3/3/93
 Lab Id: 930095-14

Parameter	Units	
<u>SEMIVOLATILES Cont.</u>		
4-CHLORO-3-METHYLPHENOL	UG/KG	360 U
2-METHYLNAPHTHALENE	UG/KG	360 U
HEXACHLOROCYCLOPENTADIENE	UG/KG	360 U
2,4,6-TRICHLOROPHENOL	UG/KG	360 U
2,4,5-TRICHLOROPHENOL	UG/KG	880 U
2-CHLORONAPHTHALENE	UG/KG	360 U
2-NITROANILINE	UG/KG	880 U
DIMETHYL PHTHALATE	UG/KG	360 U
ACENAPHTHYLENE	UG/KG	360 U
2,6-DINITROTOLUENE	UG/KG	360 U
3-NITROANILINE	UG/KG	880 U
ACENAPHTHENE	UG/KG	360 U
2,4-DINITROPHENOL	UG/KG	880 U
4-NITROPHENOL	UG/KG	880 U
DIBENZOFURAN	UG/KG	360 U
2,4-DINITROTOLUENE	UG/KG	360 U
DIETHYL PHTHALATE	UG/KG	360 U
4-CHLOROPHENYL PHENYL ETHER	UG/KG	360 U
FLUORENE	UG/KG	360 U
4-NITROANILINE	UG/KG	880 U
4,6-DINITRO-2-METHYLPHENOL	UG/KG	880 UJ
N-NITRISODIPHENYLAMINE	UG/KG	360 UJ
4-BROMOPHENYL PHENYL ETHER	UG/KG	360 UJ
HEXACHLOROBENZENE	UG/KG	360 UJ
PENTACHLOROPHENOL	UG/KG	880 UJ
PHENANTHRENE	UG/KG	360 UJ
ANTHRACENE	UG/KG	360 UJ
DI-N-BUTYL PHTHALATE	UG/KG	360 UJ
FLUORANTHENE	UG/KG	360 UJ
CARBAZOLE	UG/KG	360 UJ
PYRENE	UG/KG	360 UJ
BUTYL BENZYL PHTHALATE	UG/KG	360 UJ
3,3-DICHLOROBENZIDINE	UG/KG	360 UJ
BENZO(A)ANTHRACENE	UG/KG	360 UJ
CHRYSENE	UG/KG	360 UJ
BIS(2-ETHYLHEXYL)PHTHALATE	UG/KG	360 UJ
DI-N-OCTYL PHTHALATE	UG/KG	360 UJ
BENZO(B)FLUORANTHENE	UG/KG	360 UJ
BENZO(K)FLUORANTHENE	UG/KG	360 UJ
BENZO(A)PYRENE	UG/KG	360 UJ
INDENO(1,2,3-CD) PYRENE	UG/KG	360 UJ
DIBENZ(A,H)ANTHRACENE	UG/KG	360 UJ
BENZO(G,H,I)PERYLENE	UG/KG	360 UJ

CLEJ-01272-3.13-08/20/93

OPERABLE UNIT NO. 2
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJUNE, NORTH CAROLINA
 VOLATILE ORGANICS

Sample No:	6-ER2-04	6-TB-35	6-203-FB2-01	6-TB-34	6-ER2-07	6-ER2-09
Depth:	RINSE BLANK	TRIP BLANK	FIELD BLANK	TRIP BLANK	RINSE BLANK	RINSE BLANK
Date sampled:	3/6/93	3/8/93	3/6/93	3/6/93	3/20/93	3/23/93
Lab Id:	930107-03	930107-07	930095-38	930095-41	930141-01	930150-01
Parameter	Units					
VOLATILES						
BROMODICHLOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CARBON TETRACHLORIDE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLORO BENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-CHLOROETHYL VINYL ETHER	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROFORM	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOTAL-1,2-DICHLORETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROPROPANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CIS-1,3-DICHLOROPROPENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	UG/L	1.0 U	1.0 U	1.7	1.8	5.0
1,1,2,2-TETRACHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	UG/L	1.0 U	1.0 U	3.0	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROFLUOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
VINYL CHLORIDE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ETHYLBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOLUENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
XYLENES (TOTAL)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

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OPERABLE UNIT NO. 2
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 VOLATILE ORGANICS

Sample No:	6-ER2-10	6-TB-42	6-FB2-03	6-ER2-05	6-TB-36	6-ER2-06
Depth:	RINSE BLANK	TRIP BLANK	FIELD BLANK	RINSE BLANK	TRIP BLANK	RINSE BLANK
Date sampled:	3/24/93	3/23/93	3/18/93	3/19/93	3/19/93	3/19/93
Lab Id:	930150-02	930150-12	930136-01	930136-03	930136-05	930136-19
Parameter	Units					
VOLATILES						
BROMODICHLOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	UG/L	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CARBON TETRACHLORIDE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-CHLOROETHYL VINYL ETHER	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROFORM	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	UG/L	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOTAL-1,2-DICHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROPROPANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CIS-1,3-DICHLOROPROPENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	UG/L	7.8	8.1	1.0 U	7.4	7.3
1,1,2,2-TETRACHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROFUOROMETHANE	UG/L	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
VINYL CHLORIDE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ETHYLBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOLUENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
XYLENES (TOTAL)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

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OPERABLE UNIT NO. 2
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 VOLATILE ORGANICS

Sample No:	6-TB-43	6-ER2-12	6-TB-46	9-ER2-01	6-TB-38	6-TB-39
Depth:	TRIP BLANK	RINSE BLANK	TRIP BLANK	RINSE BLANK	TRIP BLANK	TRIP BLANK
Date sampled:	3/31/93	4/6/93	4/6/93	3/9/93	3/20/93	3/22/93
Lab Id:	930170-04	930170-14	930170-16	930115-03	930136-26	930141-26
Parameter	Units					
VOLATILES						
BROMODICHLOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CARBON TETRACHLORIDE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-CHLOROETHYL VINYL ETHER	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROFORM	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOTAL-1,2-DICHLORETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROPROPANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CIS-1,3-DICHLOROPROPENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	UG/L	1.7	1.7	1.1	1.2	1.0 U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROFLUOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
VINYL CHLORIDE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ETHYLBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOLUENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
XYLENES (TOTAL)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

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OPERABLE UNIT NO. 2
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 VOLATILE ORGANICS

Sample No:	6-ER2-08	6-TB-41	9-TB2-05	9-TB2-04	9-TB2-03	9-TB2-01
Depth:	RINSE BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date sampled:	3/22/93	3/23/93	3/9/93	3/9/93	3/9/93	3/8/93
Lab Id:	930141-29	930141-40	930115-30	930115-29	930115-28	930115-26
Parameter	Units					
<u>VOLATILES</u>						
BROMODICHLOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CARBON TETRACHLORIDE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-CHLOROETHYL VINYL ETHER	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROFORM	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	UG/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
DIBROMOCHLOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOTAL-1,2-DICHLORETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROPROPANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CIS-1,3-DICHLOROPROPENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	UG/L	1.5	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.0 U	1.6	1.0 U	1.0 U	1.0 U
TETRACHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROFLUOROMETHANE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
VINYL CHLORIDE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ETHYLBENZENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOLUENE	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
XYLENES (TOTAL)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

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PHASE II
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	6-2030-FB2-01	6-ER2-01	6-ER2-02	6-ER2-03	6-ER2-04	6-ER2-05
Depth:	FIELD BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	3/6/93	3/3/93	3/4/93	3/5/93	3/6/93	3/19/93
Lab Id:	930095-38	930095-06	930095-28	930095-37	930107-03	930136-03

Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L	0.05 UJ			0.05 U	0.05 U
BETA-BHC	UG/L	0.05 UJ			0.05 U	0.05 U
DELTA-BHC	UG/L	0.05 UJ			0.05 U	0.05 U
GAMMA-BHC(LINDANE)	UG/L	0.05 UJ			0.05 U	0.05 U
HEPTACHLOR	UG/L	0.05 UJ			0.05 U	0.05 U
ALDRIN	UG/L	0.05 UJ			0.05 U	0.05 U
HEPTACHLOR EPOXIDE	UG/L	0.05 UJ			0.05 U	0.05 U
ENDOSULFAN I	UG/L	0.05 UJ			0.05 U	0.05 U
DIELDRIN	UG/L	0.1 UJ			0.1 U	0.1 U
4,4'-DDE	UG/L	0.1 UJ			0.1 U	0.1 U
ENDRIN	UG/L	0.1 UJ			0.1 U	0.1 U
ENDOSULFAN II	UG/L	0.1 UJ			0.1 U	0.1 U
4,4'-DDD	UG/L	0.1 UJ			0.1 U	0.1 U
ENDOSULFAN SULFATE	UG/L	0.1 UJ			0.1 U	0.1 U
4,4'-DDT	UG/L	0.1 UJ			0.1 U	0.1 U
METHOXYCHLOR	UG/L	0.5 UJ			0.5 U	0.5 U
ENDRIN KETONE	UG/L	0.1 UJ			0.1 U	0.1 U
ENDRIN ALDEHYDE	UG/L	0.1 UJ			0.1 U	0.1 U
ALPHA CHLORDANE	UG/L	0.05 UJ			0.05 U	0.05 U
GAMMA CHLORDANE	UG/L	0.05 UJ			0.05 U	0.05 U
TOXAPHENE	UG/L	5 UJ			5 U	5 U
PCB-1016	UG/L	1 UJ			1 U	1 U
PCB-1221	UG/L	2 UJ			2 U	2 U
PCB-1232	UG/L	1 UJ			1 U	1 U
PCB-1242	UG/L	1 UJ			1 U	1 U
PCB-1248	UG/L	1 UJ			1 U	1 U
PCB-1254	UG/L	1 UJ			1 U	1 U
PCB-1260	UG/L	1 UJ			1 U	1 U
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 U		
BROMOMETHANE	UG/L	10 UJ	10 U	10 U		
VINYL CHLORIDE	UG/L	10 U	10 U	10 U		
CHLOROETHANE	UG/L	10 U	10 U	10 U		
METHYLENE CHLORIDE	UG/L	10 U	10 U	10 U		
ACETONE	UG/L	8 J	10 U	59		
CARBON DISULFIDE	UG/L	10 U	10 U	10 U		
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U		
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U		
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U		
CHLOROFORM	UG/L	10 U	10 U	10 U		
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U		
2-BUTANONE	UG/L	10 U	10 U	10 U		

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PHASE II
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	6-2030-FB2-01	6-ER2-01	6-ER2-02	6-ER2-03	6-ER2-04	6-ER2-05
Depth:	FIELD BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	3/6/93	3/3/93	3/4/93	3/5/93	3/6/93	3/19/93
Lab Id:	930095-38	930095-06	930095-28	930095-37	930107-03	930136-03
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U		
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U		
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U		
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U		
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U		
TRICHLOROETHENE	UG/L	10 U	10 U	10 U		
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U		
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U		
BENZENE	UG/L	10 U	10 U	10 U		
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U		
BROMOFORM	UG/L	10 U	10 U	10 U		
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U		
2-HEXANONE	UG/L	10 U	10 U	10 U		
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U		
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U		
TOLUENE	UG/L	10 U	10 U	10 U		
CHLOROBENZENE	UG/L	10 U	10 U	10 U		
ETHYLBENZENE	UG/L	10 U	10 U	10 U		
STYRENE	UG/L	10 U	10 U	10 U		
TOTAL XYLENES	UG/L	10 U	10 U	10 U		
<u>SEMIVOLATILES</u>						
PHENOL	UG/L	10 U			10 UJ	10 U
BIS(2-CHLOROETHYL) ETHER	UG/L	10 U			10 UJ	10 UJ
2-CHLOROPHENOL	UG/L	10 U			10 U	10 U
1,3-DICHLOROBENZENE	UG/L	10 U			10 U	10 U
1,4-DICHLOROBENZENE	UG/L	10 U			10 U	10 U
1,2-DICHLOROBENZENE	UG/L	10 U			10 U	10 U
2-METHYLPHENOL	UG/L	10 U			10 UJ	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L	10 UJ			10 U	10 U
4-METHYLPHENOL	UG/L	10 U			10 U	10 UJ
N-NITROSODI-N-PROPYLAMINE	UG/L	10 U			10 U	10 UJ
HEXACHLOROETHANE	UG/L	10 U			10 U	10 U
NITROBENZENE	UG/L	10 U			10 U	10 U
ISOPHORONE	UG/L	10 U			10 U	10 U
2-NITROPHENOL	UG/L	10 U			10 U	10 U
2,4-DIMETHYLPHENOL	UG/L	10 U			10 U	10 U
BIS(2-CHLOROETHOXY) METHANE	UG/L	10 U			10 U	10 U
2,4-DICHLOROPHENOL	UG/L	10 U			10 U	10 U
1,2,4-TRICHLOROBENZENE	UG/L	10 U			10 U	10 U
NAPHTHALENE	UG/L	10 U			10 U	10 U
4-CHLORANILINE	UG/L	10 U			10 U	10 U
HEXACHLOROBUTADIENE	UG/L	10 U			10 U	10 U

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PHASE II
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Sample No:	6-2030-FB2-01	6-ER2-01	6-ER2-02	6-ER2-03	6-ER2-04	6-ER2-05
Depth:	FIELD BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK
Date Sampled:	3/6/93	3/3/93	3/4/93	3/5/93	3/6/93	3/19/93
Lab Id:	930095-38	930095-06	930095-28	930095-37	930107-03	930136-03
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L	10 U			10 U	10 U
2-METHYLNAPHTHALENE	UG/L	10 U			10 U	10 U
HEXACHLOROCYCLOPENTADIENE	UG/L	10 U			10 U	10 U
2,4,6-TRICHLOROPHENOL	UG/L	10 U			10 U	10 U
2,4,5-TRICHLOROPHENOL	UG/L	25 U			25 U	25 U
2-CHLORONAPHTHALENE	UG/L	10 U			10 U	10 U
2-NITROANILINE	UG/L	25 U			25 U	25 U
DIMETHYL PHTHALATE	UG/L	10 U			10 U	10 U
ACENAPHTHYLENE	UG/L	10 U			10 U	10 U
2,6-DINITROTOLUENE	UG/L	10 U			10 U	10 U
3-NITROANILINE	UG/L	25 U			25 U	25 U
ACENAPHTHENE	UG/L	10 U			10 U	10 U
2,4-DINITROPHENOL	UG/L	25 U			25 U	25 U
4-NITROPHENOL	UG/L	25 U			25 U	25 U
DIBENZOFURAN	UG/L	10 U			10 U	10 U
2,4-DINITROTOLUENE	UG/L	10 U			10 U	10 U
DIETHYL PHTHALATE	UG/L	10 U			10 U	10 U
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 U			10 U	10 U
FLUORENE	UG/L	10 U			10 U	10 U
4-NITROANILINE	UG/L	25 U			25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 U			25 U	25 U
N-NITROSODIPHENYLAMINE	UG/L	10 U			10 U	10 U
4-BROMOPHENYL PHENYL ETHER	UG/L	10 U			10 U	10 U
HEXACHLOROBENZENE	UG/L	10 U			10 U	10 U
PENTACHLOROPHENOL	UG/L	25 U			25 U	25 U
PHENANTHRENE	UG/L	10 U			10 U	10 U
ANTHRACENE	UG/L	10 U			10 U	10 U
DI-N-BUTYL PHTHALATE	UG/L	10 U			10 U	10 U
FLUORANTHENE	UG/L	10 U			10 U	10 U
CARBAZOLE	UG/L	10 U			10 U	10 U
PYRENE	UG/L	10 U			10 U	10 U
BUTYL BENZYL PHTHALATE	UG/L	10 U			10 U	10 U
3,3-DICHLOROBENZIDINE	UG/L	10 U			10 U	10 U
BENZO(A)ANTHRACENE	UG/L	10 U			10 U	10 U
CHRYSENE	UG/L	10 U			10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	1 J			3 J	10 U
DI-N-OCTYL PHTHALATE	UG/L	10 U			10 U	10 U
BENZO(B)FLUORANTHENE	UG/L	10 U			10 U	10 U
BENZO(K)FLUORANTHENE	UG/L	10 U			10 U	10 U
BENZO(A)PYRENE	UG/L	10 U			10 U	10 U
INDENO(1,2,3-CD) PYRENE	UG/L	10 U			10 U	10 U
DIBENZ(A,H)ANTHRACENE	UG/L	10 U			10 U	10 U
BENZO(G,H,I)PERYLENE	UG/L	10 U			10 U	10 U

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PHASE II
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-FB2-03	6-FB2-04	6-TB-30	6-TB-31	6-TB-32	6-TB-33
Depth:	FIELD BLANK	SOIL FIELD BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	3/18/93	4/13/93	3/2/93	3/4/93	3/5/93	3/6/93
Lab Id:	930136-01	930209-01	930095-05	930095-16	930095-29	930095-40
Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L	0.05 U				
BETA-BHC	UG/L	0.05 U				
DELTA-BHC	UG/L	0.05 U				
GAMMA-BHC(LINDANE)	UG/L	0.05 U				
HEPTACHLOR	UG/L	0.05 U				
ALDRIN	UG/L	0.05 U				
HEPTACHLOR EPOXIDE	UG/L	0.05 U				
ENDOSULFAN I	UG/L	0.05 U				
DIELDRIN	UG/L	0.1 U				
4,4'-DDE	UG/L	0.1 U				
ENDRIN	UG/L	0.1 U				
ENDOSULFAN II	UG/L	0.1 U				
4,4'-DDD	UG/L	0.1 U				
ENDOSULFAN SULFATE	UG/L	0.1 U				
4,4'-DDT	UG/L	0.1 U				
METHOXYCHLOR	UG/L	0.5 U				
ENDRIN KETONE	UG/L	0.1 U				
ENDRIN ALDEHYDE	UG/L	0.1 U				
ALPHA CHLORDANE	UG/L	0.05 U				
GAMMA CHLORDANE	UG/L	0.05 U				
TOXAPHENE	UG/L	5 U				
PCB-1016	UG/L	1 U				
PCB-1221	UG/L	2 U				
PCB-1232	UG/L	1 U				
PCB-1242	UG/L	1 U				
PCB-1248	UG/L	1 U				
PCB-1254	UG/L	1 U				
PCB-1260	UG/L	1 U				
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	500 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	500 U	10 UJ	10 UJ	10 U	10 U
VINYL CHLORIDE	UG/L	500 U	10 UJ	10 U	10 U	10 U
CHLOROETHANE	UG/L	500 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	500 U	1 J	1 J	10 U	10 U
ACETONE	UG/L	500 U	10 U	10 U	10 U	11
CARBON DISULFIDE	UG/L	500 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	500 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	500 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	1300	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	500 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	UG/L	500 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	500 U	10 U	10 U	10 U	10 U

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PHASE II
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-FB2-03	6-FB2-04	6-TB-30	6-TB-31	6-TB-32	6-TB-33
Depth:	FIELD BLANK	SOIL FIELD BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Date Sampled:	3/18/93	4/13/93	3/2/93	3/4/93	3/5/93	3/6/93
Lab Id:	930136-01	930209-01	930095-05	930095-16	930095-29	930095-40
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	500 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	500 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	500 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	UG/L	500 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	500 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	4600	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	500 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	UG/L	500 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	500 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	500 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	500 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	500 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	500 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	500 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	500 U	10 U	10 U	10 U	10 U
TOLUENE	UG/L	500 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	UG/L	500 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	500 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	500 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	500 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L	10 U				
BIS(2-CHLOROETHYL) ETHER	UG/L	10 U				
2-CHLOROPHENOL	UG/L	10 U				
1,3-DICHLOROBENZENE	UG/L	10 U				
1,4-DICHLOROBENZENE	UG/L	10 U				
1,2-DICHLOROBENZENE	UG/L	10 U				
2-METHYLPHENOL	UG/L	10 U				
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L	10 U				
4-METHYLPHENOL	UG/L	10 U				
N-NITROSODI-N-PROPYLAMINE	UG/L	10 U				
HEXACHLOROETHANE	UG/L	10 U				
NITROBENZENE	UG/L	10 U				
ISOPHORONE	UG/L	10 U				
2-NITROPHENOL	UG/L	10 U				
2,4-DIMETHYLPHENOL	UG/L	10 U				
BIS(2-CHLOROETHOXY) METHANE	UG/L	10 U				
2,4-DICHLOROPHENOL	UG/L	10 U				
1,2,4-TRICHLOROBENZENE	UG/L	10 U				
NAPHTHALENE	UG/L	10 U				
4-CHLORANILINE	UG/L	10 U				
HEXACHLOROBUTADIENE	UG/L	10 U				

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PHASE II
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO--0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

	Sample No:	6-FB2-03	6-FB2-04	6-TB-30.	6-TB-31	6-TB-32	6-TB-33
	Depth:	FIELD BLANK	SOIL FIELD BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
	Date Sampled:	3/18/93	4/13/93	3/2/93	3/4/93	3/5/93	3/6/93
	Lab Id:	930136-01	930209-01	930095-05	930095-16	930095-29	930095-40
Parameter	Units						
<u>SEMIVOLATILES Cont.</u>							
4-CHLORO-3-METHYLPHENOL	UG/L	10 U					
2-METHYLNAPHTHALENE	UG/L	10 U					
HEXACHLOROCYCLOPENTADIENE	UG/L	10 U					
2,4,6-TRICHLOROPHENOL	UG/L	10 U					
2,4,5-TRICHLOROPHENOL	UG/L	25 U					
2-CHLORONAPHTHALENE	UG/L	10 U					
2-NITROANILINE	UG/L	25 U					
DIMETHYL PHTHALATE	UG/L	10 U					
ACENAPHTHYLENE	UG/L	10 U					
2,6-DINITROTOLUENE	UG/L	10 U					
3-NITROANILINE	UG/L	25 U					
ACENAPHTHENE	UG/L	10 U					
2,4-DINITROPHENOL	UG/L	25 U					
4-NITROPHENOL	UG/L	25 U					
DIBENZOFURAN	UG/L	10 U					
2,4-DINITROTOLUENE	UG/L	10 U					
DIETHYL PHTHALATE	UG/L	10 U					
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 U					
FLUORENE	UG/L	10 U					
4-NITROANILINE	UG/L	25 U					
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 U					
N-NITRISODIPHENYLAMINE	UG/L	10 U					
4-BROMOPHENYL PHENYL ETHER	UG/L	10 U					
HEXACHLOROBENZENE	UG/L	10 U					
PENTACHLOROPHENOL	UG/L	25 U					
PHENANTHRENE	UG/L	10 U					
ANTHRACENE	UG/L	10 U					
DI-N-BUTYL PHTHALATE	UG/L	10 U					
FLUORANTHENE	UG/L	10 U					
CARBAZOLE	UG/L	10 U					
PYRENE	UG/L	10 U					
BUTYL BENZYL PHTHALATE	UG/L	10 U					
3,3-DICHLOROBENZIDINE	UG/L	10 U					
BENZO(A)ANTHRACENE	UG/L	10 U					
CHRYSENE	UG/L	10 U					
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10 U					
DI-N-OCTYL PHTHALATE	UG/L	10 U					
BENZO(B)FLUORANTHENE	UG/L	10 U					
BENZO(K)FLUORANTHENE	UG/L	10 U					
BENZO(A)PYRENE	UG/L	10 U					
INDENO(1,2,3-CD) PYRENE	UG/L	10 U					
DIBENZ(A,H)ANTHRACENE	UG/L	10 U					
BENZO(G,H,I)PERYLENE	UG/L	10 U					

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PHASE II
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-TB-37	6-TB-44	6-TB-47	9-ER2-01	9-FB2-01	9-TB2-02
Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	RINSE BLANK	FIELD BLANK	TRIP BLANK
Date Sampled:	3/19/93	3/31/93	4/13/93	3/9/93	3/8/93	3/8/93
Lab Id:	930136-06	930170-05	930209-02	930115-03	930115-05	930115-27

Parameter	Units					
<u>PESTICIDE/PCBS</u>						
ALPHA-BHC	UG/L				0.05 UJ	
BETA-BHC	UG/L				0.05 UJ	
DELTA-BHC	UG/L				0.05 UJ	
GAMMA-BHC(LINDANE)	UG/L				0.05 UJ	
HEPTACHLOR	UG/L				0.05 UJ	
ALDRIN	UG/L				0.05 UJ	
HEPTACHLOR EPOXIDE	UG/L				0.05 UJ	
ENDOSULFAN I	UG/L				0.05 UJ	
DIELDRIN	UG/L				0.1 UJ	
4,4'-DDE	UG/L				0.1 UJ	
ENDRIN	UG/L				0.1 UJ	
ENDOSULFAN II	UG/L				0.1 UJ	
4,4'-DDD	UG/L				0.1 UJ	
ENDOSULFAN SULFATE	UG/L				0.1 UJ	
4,4'-DDT	UG/L				0.1 UJ	
METHOXYCHLOR	UG/L				0.5 UJ	
ENDRIN KETONE	UG/L				0.1 UJ	
ENDRIN ALDEHYDE	UG/L				0.1 UJ	
ALPHA CHLORDANE	UG/L				0.05 UJ	
GAMMA CHLORDANE	UG/L				0.05 UJ	
TOXAPHENE	UG/L				5 UJ	
PCB-1016	UG/L				1 UJ	
PCB-1221	UG/L				2 UJ	
PCB-1232	UG/L				1 UJ	
PCB-1242	UG/L				1 UJ	
PCB-1248	UG/L				1 UJ	
PCB-1254	UG/L				1 UJ	
PCB-1260	UG/L				1 UJ	
<u>VOLATILES</u>						
CHLOROMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	UG/L	10 U	2 J	3 J	10 U	10 U
ACETONE	UG/L	10 U	16	10 U	10 U	10 U
CARBON DISULFIDE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	UG/L	10 U	10 U	10 U	7 J	10 U
1,2-DICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	UG/L	10 U	10 U	10 U	10 U	10 U

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PHASE II
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-TB-37	6-TB-44	6-TB-47	9-ER2-01	9-FB2-01	9-TB2-02
Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	RINSE BLANK	FIELD BLANK	TRIP BLANK
Date Sampled:	3/19/93	3/31/93	4/13/93	3/9/93	3/8/93	3/8/93
Lab Id:	930136-06	930170-05	930209-02	930115-03	930115-05	930115-27
Parameter	Units					
<u>VOLATILES Cont.</u>						
1,1,1-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	UG/L	10 U	10 U	10 U	6 J	10 U
1,2-DICHLOROPROPANE	UG/L	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	UG/L	10 U	10 U	10 U	5 J	10 U
1,1,2-TRICHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
BENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	10 U	10 U	10 U	10 U
BROMOFORM	UG/L	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	UG/L	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	UG/L	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	10 U	10 U	10 U	10 U
TOLUENE	UG/L	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	UG/L	10 U	10 U	10 U	10 U	10 U
STYRENE	UG/L	10 U	10 U	10 U	10 U	10 U
TOTAL XYLENES	UG/L	10 U	10 U	10 U	10 U	10 U
<u>SEMIVOLATILES</u>						
PHENOL	UG/L				10 U	
BIS(2-CHLOROETHYL) ETHER	UG/L				10 U	
2-CHLOROPHENOL	UG/L				10 U	
1,3-DICHLOROBENZENE	UG/L				10 U	
1,4-DICHLOROBENZENE	UG/L				10 U	
1,2-DICHLOROBENZENE	UG/L				10 U	
2-METHYLPHENOL	UG/L				10 U	
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L				10 U	
4-METHYLPHENOL	UG/L				10 U	
N-NITROSODI-N-PROPYLAMINE	UG/L				10 U	
HEXACHLOROETHANE	UG/L				10 U	
NITROBENZENE	UG/L				10 U	
ISOPHORONE	UG/L				10 U	
2-NITROPHENOL	UG/L				10 U	
2,4-DIMETHYLPHENOL	UG/L				10 U	
BIS(2-CHLOROETHOXY) METHANE	UG/L				10 U	
2,4-DICHLOROPHENOL	UG/L				10 U	
1,2,4-TRICHLOROBENZENE	UG/L				10 U	
NAPHTHALENE	UG/L				10 U	
4-CHLORANILINE	UG/L				10 U	
HEXACHLOROBUTADIENE	UG/L				10 U	

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PHASE II
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 ORGANICS

Sample No:	6-TB-37	6-TB-44	6-TB-47	9-ER2-01	9-FB2-01	9-TB2-02
Depth:	TRIP BLANK	TRIP BLANK	TRIP BLANK	RINSE BLANK	FIELD BLANK	TRIP BLANK
Date Sampled:	3/19/93	3/31/93	4/13/93	3/9/93	3/8/93	3/8/93
Lab Id:	930136-06	930170-05	930209-02	930115-03	930115-05	930115-27
Parameter	Units					
<u>SEMIVOLATILES Cont.</u>						
4-CHLORO-3-METHYLPHENOL	UG/L			10 U		
2-METHYLNAPHTHALENE	UG/L			10 U		
HEXACHLOROCYCLOPENTADIENE	UG/L			10 U		
2,4,6-TRICHLOROPHENOL	UG/L			10 U		
2,4,5-TRICHLOROPHENOL	UG/L			25 U		
2-CHLORONAPHTHALENE	UG/L			10 U		
2-NITROANILINE	UG/L			25 U		
DIMETHYL PHTHALATE	UG/L			10 U		
ACENAPHTHYLENE	UG/L			10 U		
2,6-DINITROTOLUENE	UG/L			10 U		
3-NITROANILINE	UG/L			25 U		
ACENAPHTHENE	UG/L			10 U		
2,4-DINITROPHENOL	UG/L			25 U		
4-NITROPHENOL	UG/L			25 U		
DIBENZOFURAN	UG/L			10 U		
2,4-DINITROTOLUENE	UG/L			10 U		
DIETHYL PHTHALATE	UG/L			10 U		
4-CHLOROPHENYL PHENYL ETHER	UG/L			10 U		
FLUORENE	UG/L			10 U		
4-NITROANILINE	UG/L			25 U		
4,6-DINITRO-2-METHYLPHENOL	UG/L			25 U		
N-NITRISODIPHENYLAMINE	UG/L			10 U		
4-BROMOPHENYL PHENYL ETHER	UG/L			10 U		
HEXACHLOROBENZENE	UG/L			10 U		
PENTACHLOROPHENOL	UG/L			25 U		
PHENANTHRENE	UG/L			10 U		
ANTHRACENE	UG/L			10 U		
DI-N-BUTYL PHTHALATE	UG/L			10 U		
FLUORANTHENE	UG/L			10 U		
CARBAZOLE	UG/L			10 U		
PYRENE	UG/L			10 U		
BUTYL BENZYL PHTHALATE	UG/L			10 U		
3,3-DICHLOROBENZIDINE	UG/L			10 U		
BENZO(A)ANTHRACENE	UG/L			10 U		
CHRYSENE	UG/L			10 U		
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L			10 U		
DI-N-OCTYL PHTHALATE	UG/L			10 U		
BENZO(B)FLUORANTHENE	UG/L			10 U		
BENZO(K)FLUORANTHENE	UG/L			10 U		
BENZO(A)PYRENE	UG/L			10 U		
INDENO(1,2,3-CD) PYRENE	UG/L			10 U		
DIBENZ(A,H)ANTHRACENE	UG/L			10 U		
BENZO(G,H,I)PERYLENE	UG/L			10 U		

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PHASE II
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Parameter	Units	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
<u>PESTICIDE/PCBS</u>							
ALPHA-BHC	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
BETA-BHC	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
DELTA-BHC	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
GAMMA-BHC(LINDANE)	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
HEPTACHLOR	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
ALDRIN	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
HEPTACHLOR EPOXIDE	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
ENDOSULFAN I	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
DIELDRIN	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
4,4'-DDE	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
ENDRIN	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
ENDOSULFAN II	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
4,4'-DDD	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
ENDOSULFAN SULFATE	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
4,4'-DDT	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
METHOXYCHLOR	UG/L	0.5 UJ	0.5 UJ	ND	ND		0/5
ENDRIN KETONE	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
ENDRIN ALDEHYDE	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
ALPHA CHLORDANE	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
GAMMA CHLORDANE	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
TOXAPHENE	UG/L	5 UJ	5 UJ	ND	ND		0/5
PCB-1016	UG/L	1 UJ	1 UJ	ND	ND		0/5
PCB-1221	UG/L	2 UJ	2 UJ	ND	ND		0/5
PCB-1232	UG/L	1 UJ	1 UJ	ND	ND		0/5
PCB-1242	UG/L	1 UJ	1 UJ	ND	ND		0/5
PCB-1248	UG/L	1 UJ	1 UJ	ND	ND		0/5
PCB-1254	UG/L	1 UJ	1 UJ	ND	ND		0/5
PCB-1260	UG/L	1 UJ	1 UJ	ND	ND		0/5
<u>VOLATILES</u>							
CHLOROMETHANE	UG/L	10 U	500 U	ND	ND		0/13
BROMOMETHANE	UG/L	10 UJ	500 U	ND	ND		0/13
VINYL CHLORIDE	UG/L	10 U	500 U	ND	ND		0/13
CHLOROETHANE	UG/L	10 U	500 U	ND	ND		0/13
METHYLENE CHLORIDE	UG/L	10 U	500 U	1 J	3 J	6-TB-47	4/13
ACETONE	UG/L	10 U	500 U	8 J	59	6-ER2-03	4/13
CARBON DISULFIDE	UG/L	10 U	500 U	ND	ND		0/13
1,1-DICHLOROETHENE	UG/L	10 U	500 U	ND	ND		0/13
1,1-DICHLOROETHANE	UG/L	10 U	500 U	ND	ND		0/13
1,2-DICHLOROETHENE	UG/L	10 U	10 U	1300	1300	6-FB2-04	1/13
CHLOROFORM	UG/L	10 U	500 U	7 J	7 J	9-FB2-01	1/13
1,2-DICHLOROETHANE	UG/L	10 U	500 U	ND	ND		0/13
2-BUTANONE	UG/L	10 U	500 U	ND	ND		0/13

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PHASE II
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO--0133
 MCB CAMP LEJUNE, NORTH CAROLINA
 ORGANICS

Parameter	Sample No: Depth: Date Sampled: Lab Id:	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Parameter	Units						
<u>VOLATILES Cont.</u>							
1,1,1-TRICHLOROETHANE	UG/L	10 U	500 U	ND	ND		0/13
CARBON TETRACHLORIDE	UG/L	10 U	500 U	ND	ND		0/13
BROMODICHLOROMETHANE	UG/L	10 U	500 U	6 J	6 J	9-FB2-01	1/13
1,2-DICHLOROPROPANE	UG/L	10 U	500 U	ND	ND		0/13
CIS-1,3-DICHLOROPROPENE	UG/L	10 U	500 U	ND	ND		0/13
TRICHLOROETHENE	UG/L	10 U	10 U	4600	4600	6-FB2-04	1/13
DIBROMOCHLOROMETHANE	UG/L	10 U	500 U	5 J	5 J	9-FB2-01	1/13
1,1,2-TRICHLOROETHANE	UG/L	10 U	500 U	ND	ND		0/13
BENZENE	UG/L	10 U	500 U	ND	ND		0/13
TRANS-1,3-DICHLOROPROPENE	UG/L	10 U	500 U	ND	ND		0/13
BROMOFORM	UG/L	10 U	500 U	ND	ND		0/13
4-METHYL-2-PENTANONE	UG/L	10 U	500 U	ND	ND		0/13
2-HEXANONE	UG/L	10 U	500 U	ND	ND		0/13
TETRACHLOROETHENE	UG/L	10 U	500 U	ND	ND		0/13
1,1,2,2-TETRACHLOROETHANE	UG/L	10 U	500 U	ND	ND		0/13
TOLUENE	UG/L	10 U	500 U	ND	ND		0/13
CHLOROBENZENE	UG/L	10 U	500 U	ND	ND		0/13
ETHYLBENZENE	UG/L	10 U	500 U	ND	ND		0/13
STYRENE	UG/L	10 U	500 U	ND	ND		0/13
TOTAL XYLENES	UG/L	10 U	500 U	ND	ND		0/13
<u>SEMIVOLATILES</u>							
PHENOL	UG/L	10 U	10 U	ND	ND		0/5
BIS(2-CHLOROETHYL) ETHER	UG/L	10 U	10 U	ND	ND		0/5
2-CHLOROPHENOL	UG/L	10 U	10 U	ND	ND		0/5
1,3-DICHLOROBENZENE	UG/L	10 U	10 U	ND	ND		0/5
1,4-DICHLOROBENZENE	UG/L	10 U	10 U	ND	ND		0/5
1,2-DICHLOROBENZENE	UG/L	10 U	10 U	ND	ND		0/5
2-METHYLPHENOL	UG/L	10 U	10 U	ND	ND		0/5
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L	10 UJ	10 UJ	ND	ND		0/5
4-METHYLPHENOL	UG/L	10 U	10 U	ND	ND		0/5
N-NITROSODI-N-PROPYLAMINE	UG/L	10 U	10 U	ND	ND		0/5
HEXACHLOROETHANE	UG/L	10 U	10 U	ND	ND		0/5
NITROBENZENE	UG/L	10 U	10 U	ND	ND		0/5
ISOPHORONE	UG/L	10 U	10 U	ND	ND		0/5
2-NITROPHENOL	UG/L	10 U	10 U	ND	ND		0/5
2,4-DIMETHYLPHENOL	UG/L	10 U	10 U	ND	ND		0/5
BIS(2-CHLOROETHOXY) METHANE	UG/L	10 U	10 U	ND	ND		0/5
2,4-DICHLOROPHENOL	UG/L	10 U	10 U	ND	ND		0/5
1,2,4-TRICHLOROBENZENE	UG/L	10 U	10 U	ND	ND		0/5
NAPHTHALENE	UG/L	10 U	10 U	ND	ND		0/5
4-CHLORANILINE	UG/L	10 U	10 U	ND	ND		0/5
HEXACHLOROBUTADIENE	UG/L	10 U	10 U	ND	ND		0/5

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PHASE II
QA/QC SAMPLE SUMMARY
REMEDIAL INVESTIGATION CTO-0133
MCB CAMP LEJEUNE, NORTH CAROLINA
ORGANICS

Parameter	Units	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
<u>SEMIVOLATILES Cont.</u>							
4-CHLORO-3-METHYLPHENOL	UG/L	10 U	10 U	ND	ND		0/5
2-METHYLNAPHTHALENE	UG/L	10 U	10 U	ND	ND		0/5
HEXACHLOROCYCLOPENTADIENE	UG/L	10 U	10 U	ND	ND		0/5
2,4,6-TRICHLOROPHENOL	UG/L	10 U	10 U	ND	ND		0/5
2,4,5-TRICHLOROPHENOL	UG/L	25 U	25 U	ND	ND		0/5
2-CHLORONAPHTHALENE	UG/L	10 U	10 U	ND	ND		0/5
2-NITROANILINE	UG/L	25 U	25 U	ND	ND		0/5
DIMETHYL PHTHALATE	UG/L	10 U	10 U	ND	ND		0/5
ACENAPHTHYLENE	UG/L	10 U	10 U	ND	ND		0/5
2,6-DINITROTOLUENE	UG/L	10 U	10 U	ND	ND		0/5
3-NITROANILINE	UG/L	25 U	25 U	ND	ND		0/5
ACENAPHTHENE	UG/L	10 U	10 U	ND	ND		0/5
2,4-DINITROPHENOL	UG/L	25 U	25 U	ND	ND		0/5
4-NITROPHENOL	UG/L	25 UJ	25 UJ	ND	ND		0/5
DIBENZOFURAN	UG/L	10 U	10 U	ND	ND		0/5
2,4-DINITROTOLUENE	UG/L	10 U	10 U	ND	ND		0/5
DIETHYL PHTHALATE	UG/L	10 U	10 U	ND	ND		0/5
4-CHLOROPHENYL PHENYL ETHER	UG/L	10 U	10 U	ND	ND		0/5
FLUORENE	UG/L	10 U	10 U	ND	ND		0/5
4-NITROANILINE	UG/L	25 U	25 U	ND	ND		0/5
4,6-DINITRO-2-METHYLPHENOL	UG/L	25 U	25 U	ND	ND		0/5
N-NITRISODIPHENYLAMINE	UG/L	10 U	10 U	ND	ND		0/5
4-BROMOPHENYL PHENYL ETHER	UG/L	10 U	10 U	ND	ND		0/5
HEXACHLOROBENZENE	UG/L	10 U	10 U	ND	ND		0/5
PENTACHLOROPHENOL	UG/L	25 U	25 U	ND	ND		0/5
PHENANTHRENE	UG/L	10 U	10 U	ND	ND		0/5
ANTHRACENE	UG/L	10 U	10 U	ND	ND		0/5
DI-N-BUTYL PHTHALATE	UG/L	10 U	10 U	ND	ND		0/5
FLUORANTHENE	UG/L	10 U	10 U	ND	ND		0/5
CARBAZOLE	UG/L	10 U	10 U	ND	ND		0/5
PYRENE	UG/L	10 U	10 U	ND	ND		0/5
BUTYL BENZYL PHTHALATE	UG/L	10 U	10 U	ND	ND		0/5
3,3-DICHLOROBENZIDINE	UG/L	10 U	10 U	ND	ND		0/5
BENZO(A)ANTHRACENE	UG/L	10 U	10 U	ND	ND		0/5
CHRYSENE	UG/L	10 U	10 U	ND	ND		0/5
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10 U	10 U	1 J	3 J	6-ER2-04	2/5
DI-N-OCTYL PHTHALATE	UG/L	10 UJ	10 UJ	ND	ND		0/5
BENZO(B)FLUORANTHENE	UG/L	10 UJ	10 UJ	ND	ND		0/5
BENZO(K)FLUORANTHENE	UG/L	10 UJ	10 UJ	ND	ND		0/5
BENZO(A)PYRENE	UG/L	10 UJ	10 UJ	ND	ND		0/5
INDENO(1,2,3-CD) PYRENE	UG/L	10 UJ	10 UJ	ND	ND		0/5
DIBENZ(A,H)ANTHRACENE	UG/L	10 UJ	10 UJ	ND	ND		0/5
BENZO(G,H,I)PERYLENE	UG/L	10 UJ	10 UJ	ND	ND		0/5

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OPERABLE UNIT NO. 2
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 TOTAL & DISSOLVED METALS

Sample No:	6-203-FB2-01	6-203-FB2D-01	6-ER2-04	6-ER2-05	6-ER2D-04	6-ER2D-05	
Depth:	FIELD BLANK	FIELD BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	RINSE BLANK	
Date Sampled:	3/6/93	3/6/93	3/6/93	N/A	3/6/93	N/A	
Lab Id:	31095-38	31095-39	30107-03	30136-03	30107-04	30136-04	
Parameter	Units						
ALUMINUM	UG/L	29.9 B	16.2 B	68.1 B	16 U	99.4 B	16 U
ANTIMONY	UG/L	22 U	28.2 JB	22 UJ	22 U	22 UJ	22 U
ARSENIC	UG/L	1 UJ	1 B	1 U	1 U	1 U	1 U
BARIUM	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
BERYLLIUM	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
CADMIUM	UG/L	4.2 JB	3 U	3 U	3 U	3 U	3 U
CALCIUM	UG/L	105 B	42.9 B	256 B	82.6 B	326 B	107 B
CHROMIUM	UG/L	6 U	6 U	6 U	6 U	6 U	6 U
COBALT	UG/L	3 UJ	3 UJ	3 U	3 U	3 U	3 U
COPPER	UG/L	8.2 B	2.1 JB	4.5 JB	2 U	3.3 JB	3.2 JB
CYANIDE	UG/L	10 U			10 U		
IRON	UG/L	19 B	12 U	31 B	12 U	22.9 B	18.4 B
LEAD	UG/L	1.2 B	1 U	1.3 B	1 U	1.4 B	1 U
MAGNESIUM	UG/L	21.9 B	16 U	27.9 B	23.7 B	30.6 B	39.3 B
MANGANESE	UG/L	1 U	2.1 B	1 U	1 U	5.2 B	1 U
MERCURY	UG/L	0.1 U	0.1 U	0.13 U	0.13 U	0.12 U	0.16 B
NICKEL	UG/L	17 U	17 U	17 U	17 U	17 U	17 U
POTASSIUM	UG/L	162 B	140 U	140 U	140 U	140 U	162 B
SELENIUM	UG/L	2 U	2 U	2 UJ	2 UJ	2 U	2 UJ
SILVER	UG/L	3 U	3 U	7.5 JB	3 U	7.3 JB	3 U
SODIUM	UG/L	354 B	108 B	399 B	270 B	266 B	282 B
THALLIUM	UG/L	3 U	3 U	3 UJ	3 U	3 UJ	3 U
VANADIUM	UG/L	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
ZINC	UG/L	10.6 B	3 U	3 UJ	3 UJ	3 UJ	3 UJ

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OPERABLE UNIT NO. 2
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJUNE, NORTH CAROLINA
 TOTAL & DISSOLVED METALS

	Sample No:	6-FB2-03	6-FB2D-03	9-ER2-01	9-ER2D-01
	Depth:	FIELD BLANK	FIELD BLANK	RINSE BLANK	RINSE BLANK
	Date Sampled:	N/A	N/A	3/9/93	3/9/93
	Lab Id:	30136-01	30136-02	30115-03	30115-04
Parameter	Units				
ALUMINUM	UG/L	16 U	16 U	38.1 JB	28.8 B
ANTIMONY	UG/L	22 U	22 U	22 UR	22 U
ARSENIC	UG/L	1 U	1 U	1 UJ	1 U
BARIUM	UG/L	2 U	2 U	5 JB	2.2 JB
BERYLLIUM	UG/L	1 U	1 U	1 U	1 U
CADMIUM	UG/L	3 U	3 U	3 UJ	3 UJ
CALCIUM	UG/L	59 B	124 B	10400	2580 B
CHROMIUM	UG/L	6 U	6 U	6 UJ	6 U
COBALT	UG/L	3 U	3 U	3 U	3 U
COPPER	UG/L	2 U	3.2 JB	25.4	9.3 B
CYANIDE	UG/L	10 U			
IRON	UG/L	12 U	15.1 B	28.8 JB	12 U
LEAD	UG/L	1 U	1 U	1.2 JB	1 U
MAGNESIUM	UG/L	16.9 B	32.5 B	2390 JB	652 B
MANGANESE	UG/L	1 U	1.3 B	1 UJ	1 U
MERCURY	UG/L	0.13 U	0.13 U	0.14 U	0.13 U
NICKEL	UG/L	17 U	17 U	17 U	17 U
POTASSIUM	UG/L	140 U	162 B	1290 JB	495 B
SELENIUM	UG/L	2 UJ	2 UJ	2 UJ	2 UJ
SILVER	UG/L	3 U	3 U	3 U	3 U
SODIUM	UG/L	116 B	257 B	44700	12000
THALLIUM	UG/L	3 U	3 U	3 UJ	3 UJ
VANADIUM	UG/L	3 UJ	3 UJ	3 UJ	3 UJ
ZINC	UG/L	3 UJ	6.1 B	4.4 B	3 U

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OPERABLE UNIT NO. 2
 QA/QC SAMPLE SUMMARY
 REMEDIAL INVESTIGATION CTO-0133
 MCB CAMP LEJEUNE, NORTH CAROLINA
 TOTAL & DISSOLVED METALS

Parameter	Units	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
ALUMINUM	UG/L	16 U	16 U	16.2 B	99.4 B	6-ER2D-04	6/10
ANTIMONY	UG/L	22 U	22 U	28.2 JB	28.2 JB	6-203-FB2D-01	1/10
ARSENIC	UG/L	1 UJ	1 UJ	1 B	1 B	9-ER2D-01	1/10
BARIUM	UG/L	2 U	2 U	2.2 JB	5 JB	9-ER2-01	2/10
BERYLLIUM	UG/L	1 U	1 U	ND	ND		0/10
CADMIUM	UG/L	3 U	3 U	4.2 JB	4.2 JB	6-203-FB2-01	1/10
CALCIUM	UG/L	NA	NA	42.9 B	10400	9-ER2-01	10/10
CHROMIUM	UG/L	6 U	6 U	ND	ND		0/10
COBALT	UG/L	3 UJ	3 UJ	ND	ND		0/10
COPPER	UG/L	2 U	2 U	2.1 JB	25.4	9-ER2-01	8/10
CYANIDE	UG/L	10 U	10 U	ND	ND		0/3
IRON	UG/L	12 U	12 U	15.1 B	31 B	6-ER2-04	6/10
LEAD	UG/L	1 U	1 U	1.2 B	1.4 B	6-ER2D-04	4/10
MAGNESIUM	UG/L	16 U	16 U	16.9 B	2390 JB	9-ER2-01	9/10
MANGANESE	UG/L	1 U	1 U	1.3 B	5.2 B	6-ER2D-04	3/10
MERCURY	UG/L	0.1 U	0.14 U	0.16 B	0.16 B	6-ER2D-05	1/10
NICKEL	UG/L	17 U	17 U	ND	ND		0/10
POTASSIUM	UG/L	140 U	140 U	162 B	1290 JB	9-ER2-01	5/10
SELENIUM	UG/L	2 U	2 U	ND	ND		0/10
SILVER	UG/L	3 U	3 U	7.3 JB	7.5 JB	6-ER2-04	2/10
SODIUM	UG/L	NA	NA	108 B	44700	9-ER2-01	10/10
THALLIUM	UG/L	3 U	3 U	ND	ND		0/10
VANADIUM	UG/L	3 UJ	3 UJ	ND	ND		0/10
ZINC	UG/L	3 U	3 U	4.4 B	10.6 B	6-203-FB2-01	3/10

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Appendix S
Chain-of-Custodies

Appendix T
Sampling Summary

Appendix U
Target's Soil Gas Survey Report

SOIL GAS DATA

**MCB
CAMP LEJEUNE
NORTH CAROLINA**

PREPARED FOR

**BAKER ENVIRONMENTAL, INC.
AIRPORT OFFICE PARK, BUILDING 3
420 ROUSER ROAD
CORAOPOLIS, PENNSYLVANIA 15108**

PREPARED BY

**TARGET ENVIRONMENTAL SERVICES, INC.
9180 RUMSEY ROAD
COLUMBIA, MARYLAND 21045
(410) 992-6622**

MARCH 1993

SAMPLE COLLECTION AND ANALYSIS

On February 18-23, 1993, TARGET Environmental Services, Inc. (TARGET) conducted a soil gas survey at the MCB, Camp LeJeune, North Carolina. A total of 14⁴ soil gas samples and 6 ground water samples were collected at the site. Sampling depths varied from 2 to 6 feet due to the presence of shallow ground water. Unsampled locations were the result of shallow ground water. The sampling locations are shown on the accompanying map. In order to provide a graphic representation of the results, the concentrations (in units of micrograms per liter) of chlorinated hydrocarbons in each sample have been summed and these totals have been mapped and contoured on the map.

To collect the samples a 1/2 inch hole was produced to a depth of approximately 6 feet by using a drive rod. The entire sampling system was purged with ambient air drawn through an organic vapor filter cartridge, and a stainless steel probe was inserted to the full depth of the hole and sealed off from the atmosphere. A sample of in-situ soil gas was then withdrawn through the probe and used to purge atmospheric air from the sampling system. A second sample of soil gas was withdrawn through the probe and encapsulated in a pre-evacuated glass vial at two atmospheres of pressure (15 psig). The self-sealing vial was detached from the sampling system, packaged, labeled, and stored for laboratory analysis. All sampling holes were backfilled with bentonite and the surface repaired with like material upon completion of the sampling.

Prior to the day's field activities all sampling equipment, slide hammer rods and probes were decontaminated by washing with soapy water and rinsing thoroughly. Internal surfaces were flushed dry using pre-purified nitrogen or filtered ambient air, and external surfaces were wiped clean using clean paper towels.

All of the soil gas samples and the headspace of the ground water samples collected during the field phase of the survey were analyzed according to EPA Method 601 on a gas chromatograph equipped with an electron capture detector (ECD), and using direct injection of the soil gas or prepared headspace. The ground water samples were prepared for analysis by pouring 15 ml of sample into a 30 ml EPA clean vial and sealing with a teflon-faced butyl rubber septum. The vial was heated for 10 minutes to volatilize hydrocarbons from the water. Specific analytes standardized for the ECD analysis were:

- 1,1-dichloroethene (11DCE)
- methylene chloride (CH_2Cl_2)
- trans-1,2-dichloroethene (t12DCE)
- chloroform (CHCl_3)
- 1,1-dichloroethane (11DCA)
- carbon tetrachloride (CCl_4)
- cis-1,2-dichloroethene (c12DCE)
- 1,1,1-trichloroethane (111TCA)
- trichloroethene (TCE)
- 1,1,2-trichloroethane (112TCA)
- tetrachloroethene (PCE)

The chlorinated hydrocarbons in this suite were chosen because of their common usage in industrial solvents, and/or their degradational relationship to commonly used compounds. If detector saturation was observed for any compound, the appropriate samples were reanalyzed at a less sensitive setting.

Samples I2, H2D, G3, G4, H3 and I5 were submitted to Maryland Spectral Services, Inc. in Baltimore, Maryland for analysis by gas chromatography/mass spectroscopy (GC/MS). The results of these analyses are included as received with this report. Except for an elevated level of PCE (1320 micrograms per liter ($\mu\text{g/l}$)) in Sample I5, elevated levels of the listed analytes were not present in any of these samples.

The tabulated results of the laboratory analysis of the soil gas and the headspace of the ground water samples are reported in $\mu\text{g/l}$ in Table 1. Although "micrograms per liter" is equivalent to "parts per billion (v/v)" in water analyses, they are not equivalent in gas analyses, due to the difference in the mass of equal volumes of water and gas matrices. Samples marked with an asterisk (*) contained levels of chlorinated compound(s) which saturated the detector and could not be reinjected. Sample I5 had been submitted to Maryland Spectral Services, Inc. and was no longer available. However, the PCE in this sample was quantified and the remaining analytes were confirmed to be less than $20 \mu\text{g/l}$. Additional preparations of the ground water samples could not be made, since the sample supply was exhausted on the first analysis. The PCE concentrations have been converted to parts per billion (ppb) volume/volume using a compound specific conversion factor which is based on the molecular weight of the compound in a separate column in Table 1.

The analytical equipment was calibrated using a 3-point instrument-response curve and injection of known concentrations of the target analytes. Retention times of the standards were used to identify the peaks in the chromatograms of the field samples, and their response factors were used to calculate the analyte concentrations.

Quality Assurance/Quality Control (QA/QC) Evaluation

Field QA/QC Samples

Field control samples were collected at the beginning and end of each day's field activities, and after every twentieth soil gas sample. These QA/QC samples were obtained by inserting the probe tip into a tube flushed by a 20 psi flow of pre-purified nitrogen and encapsulating as described above. The laboratory results of the analysis of these samples are

reported in Table 1. Concentrations of all analytes were below the reporting limit in all field control samples, indicating that the QA/QC measures employed were sufficient to prevent cross-contamination of the samples during collection..

Laboratory QA/QC Samples

A duplicate analysis was performed on every tenth field sample. Laboratory blanks of nitrogen gas were also analyzed after every tenth field sample. The results of these analyses are reported in Table 1. All duplicate analyses were within acceptable limits. Concentrations of all analytes were below the reporting limit in all laboratory blanks.

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MBCL SEE OTHER MAPS
PINEY GREEN RDA

USE THIS MAP 2/4

Soil Gas Survey

Area B

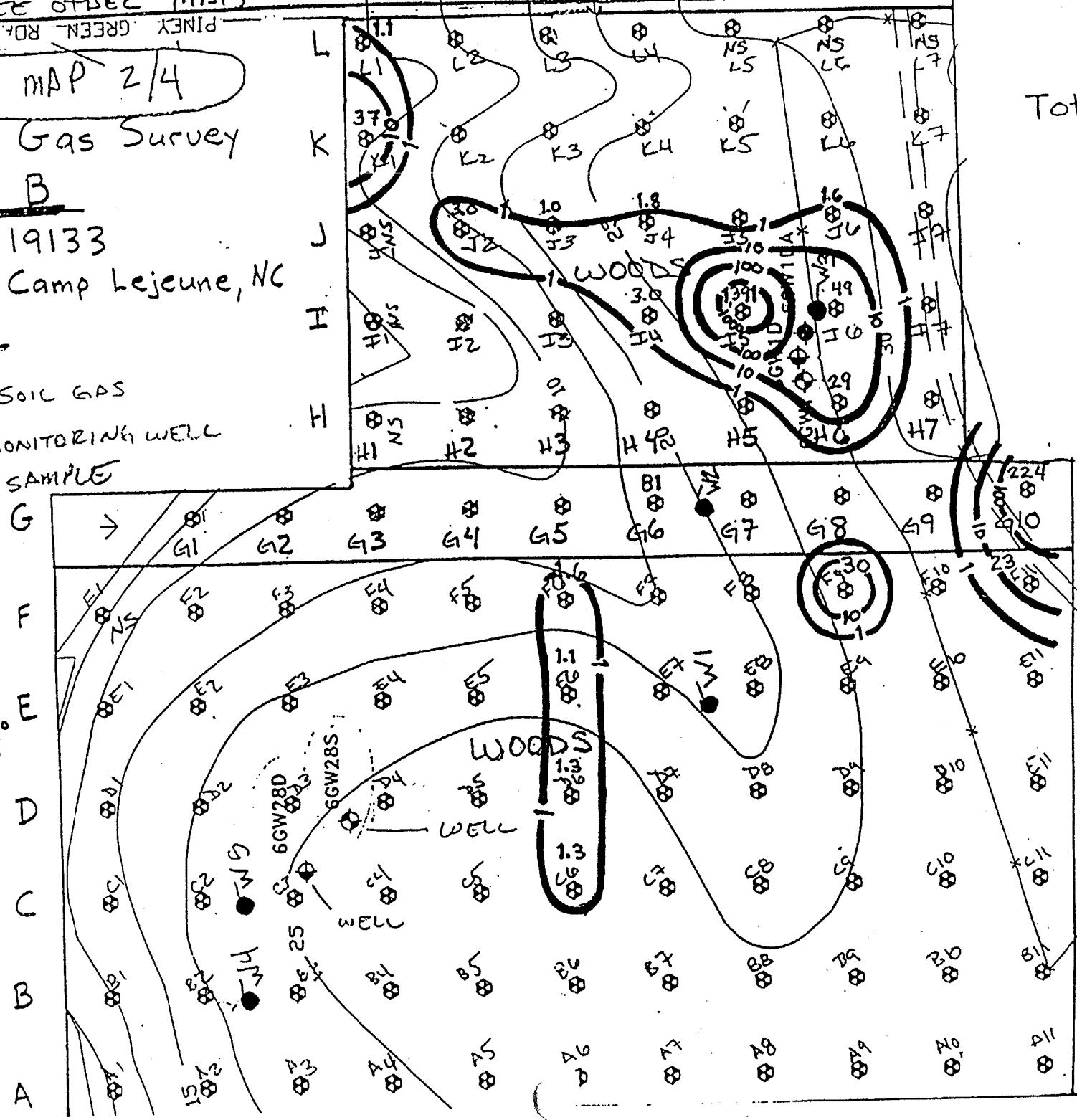
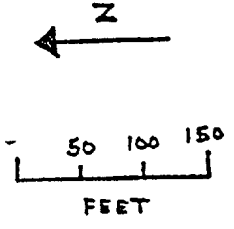
CTO 19133

MCB Camp Lejeune, NC

KEY

- SOIL GAS
- MONITORING WELL
- H₂O SAMPLE

Total Halocarbons (ug/l)



6GW15
6GW150
WELL

6GW3

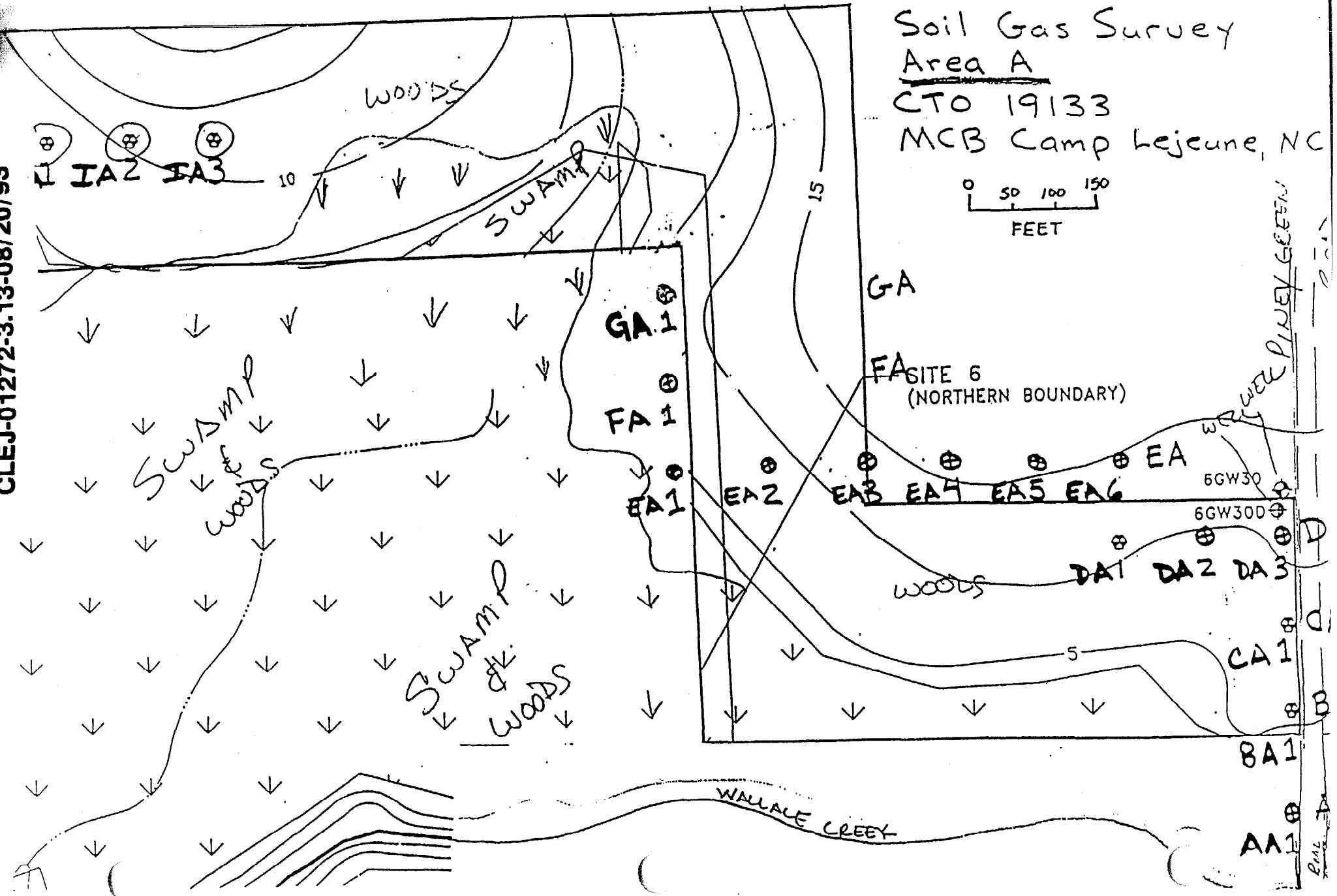
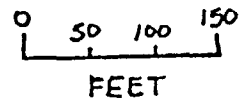
CLEJ-01272-3.13-08/20/93

USE THIS MAP 1/4
SEE OTHER MAPS

MIDU



Soil Gas Survey
Area A
CTO 19133
MCB Camp Lejeune, NC



MBCL SEE OTHER MAPS

PINEY GREEN RD.

USE THIS MAP 2/4

Soil Gas Survey




Area B

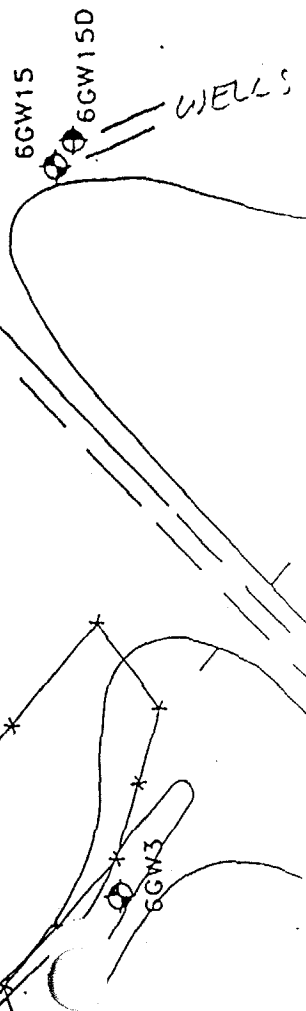
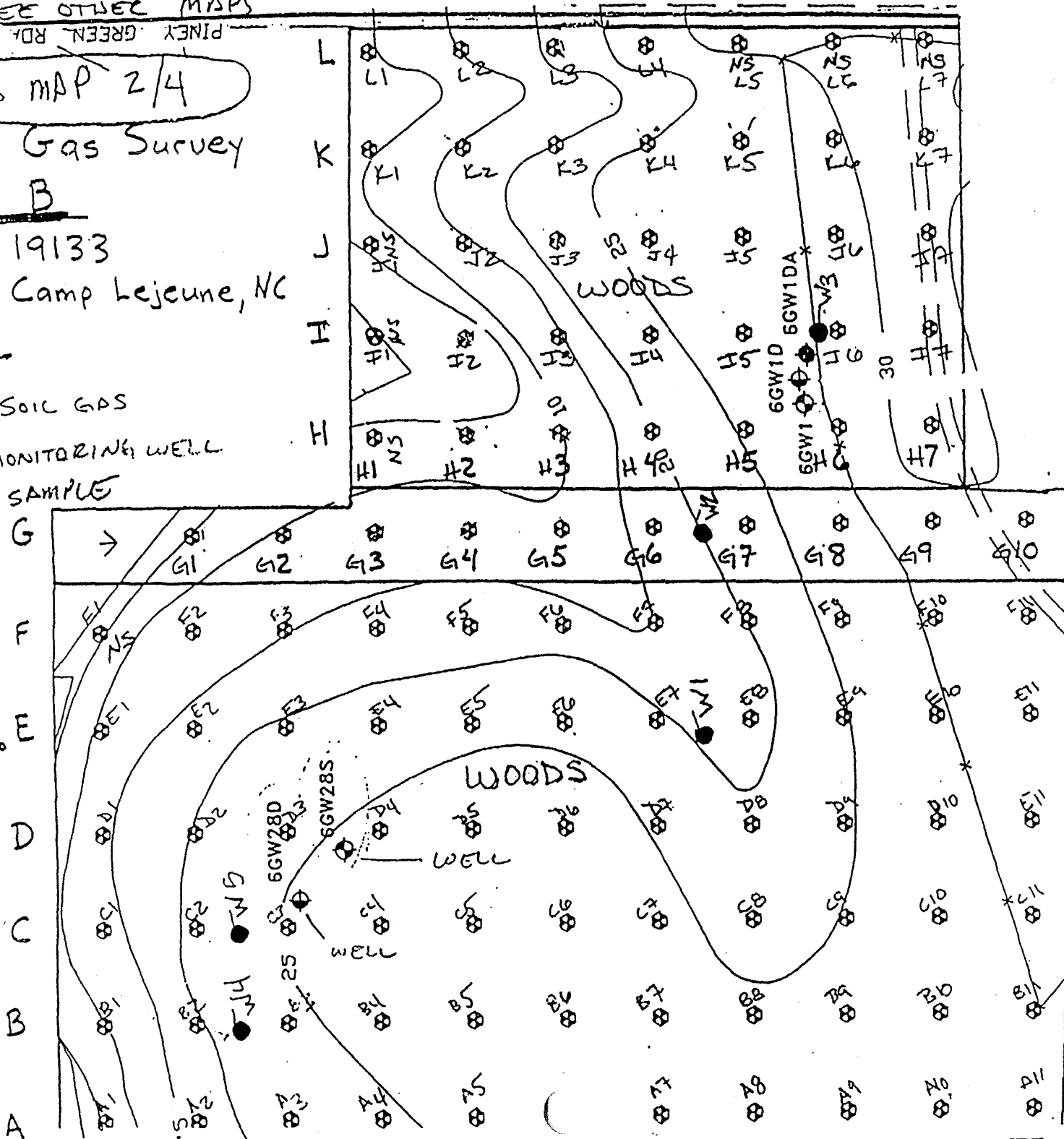
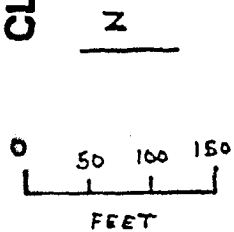
CTO 19133

MCB Camp Lejeune, NC

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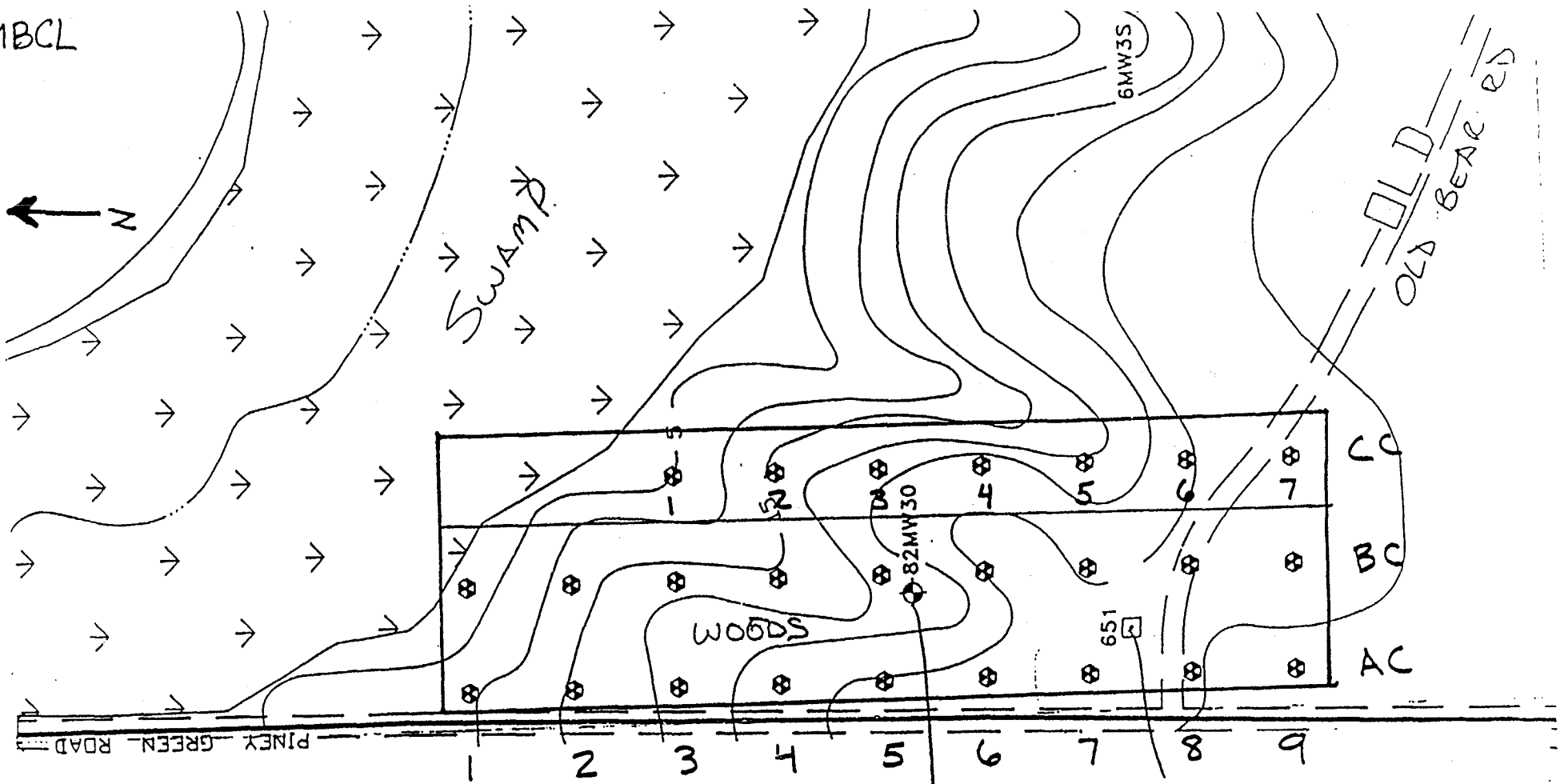
KEY

-  SOIL GAS
-  MONITORING WELL
-  H₂O SAMPLE



CLEJ-01272-3.13-08/20/93

MBCL



Soil Gas Survey

Area C

CTO 19133

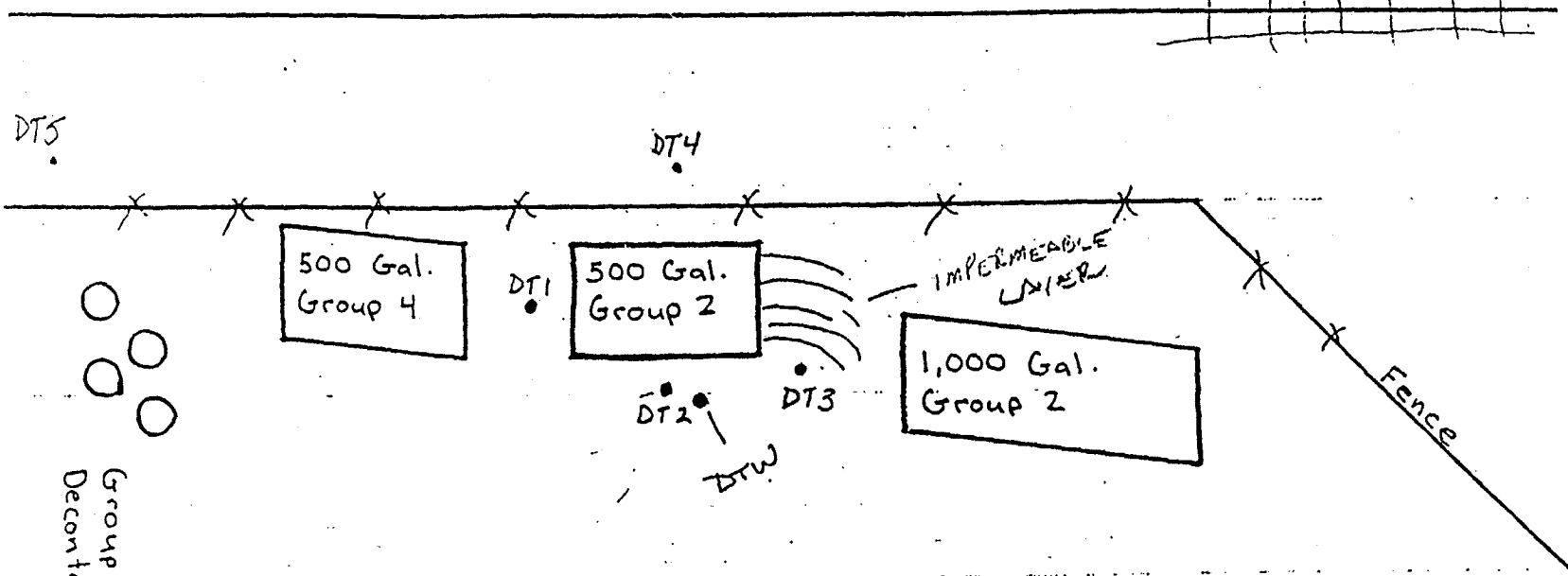
MCB Camp Lejeune, NC



USE THIS MAP 3/4
SEE OTHER N°s

MBLL

TRAIN TEEDEES



SCALE
 1" = 5'

Group 4 - Drums
 Decontamination Fluids

S.O. No. 19133
 Subject: Investigation Derived Waste Water
 (2 to scale 1)
 Sheet No. _____ of _____
 Drawing No. _____
 Computed by TFT Checked By _____
 Date 2-17-93

CLEJ-01272-3.13-08/20/93

USE THIS MAP 4/4
 SEE OTHER MAPS

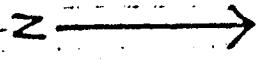


TABLE 1

ANALYTE CONCENTRATIONS VIA GC/ECD (µg/l)

SAMPLE	11DCE	CH2Cl2	t12DCE	11DCA	c12DCE	CHCl3	111TCA	CCl4	TCE	112TCA	PCE(µg/l)	PCE(ppb)
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	135
A1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
A2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
A3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
A4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
A5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
A6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
A7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
A8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
A9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
A11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
AA-1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
AC-1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
AC-2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
AC-3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
AC-4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
AC-5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
AC-6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
AC-7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
AC-8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
AC-9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135

11DCE = 1,1-dichloroethene
 11DCA = 1,1-dichloroethane
 111TCA = 1,1,1-trichloroethane
 112TCA = 1,1,2-trichloroethane

CH2Cl2 = methylene chloride
 c12DCE = cis-1,2-dichloroethene
 CCl4 = carbon tetrachloride
 PCE = tetrachloroethene

t12DCE = trans-1,2-dichloroethene
 CHCl3 = chloroform
 TCE = trichloroethene

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TABLE 1 (CONT.)

ANALYTE CONCENTRATIONS VIA GC/ECD (µg/l)

SAMPLE	11DCE	CH2Cl2	112DCE	11DCA	c12DCE	CHCl3	111TCA	CCl4	TCE	112TCA	PCE(µg/l)	PCE(ppb)
REPORTING	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	135
LIMIT												
B1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
B2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
B3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
B4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
B5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
B6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
B7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
B8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
B9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
B10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
B11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BA-1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BC-1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BC-2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BC-4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BC-5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BC-6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BC-7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BC-8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BC-9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
C1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135

11DCE = 1,1-dichloroethene
 11DCA = 1,1-dichloroethane
 111TCA = 1,1,1-trichloroethane
 112TCA = 1,1,2-trichloroethane

CH2Cl2 = methylene chloride
 c12DCE = cis-1,2-dichloroethene
 CCl4 = carbon tetrachloride
 PCE = tetrachloroethene

112DCE = trans-1,2-dichloroethene
 CHCl3 = chloroform
 TCE = trichloroethene

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TABLE 1 (CONT.)

ANALYTE CONCENTRATIONS VIA GC/ECD ($\mu\text{g/l}$)

SAMPLE	11DCE	CH ₂ Cl ₂	112DCE	11DCA	c12DCE	CHCl ₃	111TCA	CCl ₄	TCE	112TCA	PCE($\mu\text{g/l}$)	PCE(ppb)
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	135
C2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
C3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
C4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
C5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
C6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	174
C7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
C8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
C9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
C10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
C11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
CA-1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
CC-1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
CC-2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
CC-3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
CC-4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
CC-6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
CC-7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
D1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
D2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
D3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135

11DCE = 1,1-dichloroethene
 11DCA = 1,1-dichloroethane
 111TCA = 1,1,1-trichloroethane
 112TCA = 1,1,2-trichloroethane

CH₂Cl₂ = methylene chloride
 c12DCE = cis-1,2-dichloroethene
 CCl₄ = carbon tetrachloride
 PCE = tetrachloroethene

112DCE = trans-1,2-dichloroethene
 CHCl₃ = chloroform
 TCE = trichloroethene

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TABLE 1 (CONT.)

ANALYTE CONCENTRATIONS VIA GC/ECD ($\mu\text{g/l}$)

SAMPLE	11DCE	CH ₂ Cl ₂	112DCE	11DCA	c12DCE	CHCl ₃	111TCA	CCl ₄	TCE	112TCA	PCE($\mu\text{g/l}$)	PCE(ppb)
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	135
D4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
D5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
D6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	174
D7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
D8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
D9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
D10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
D11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
DA-1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
DA-2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
DA-3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
DT1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
DT2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
DT3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
DT4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
DT5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
DT-W	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135

11DCE = 1,1-dichloroethene
 11DCA = 1,1-dichloroethane
 111TCA = 1,1,1-trichloroethane
 112TCA = 1,1,2-trichloroethane

CH₂Cl₂ = methylene chloride
 c12DCE = cis-1,2-dichloroethene
 CCl₄ = carbon tetrachloride
 PCE = tetrachloroethene

112DCE = trans-1,2-dichloroethene
 CHCl₃ = chloroform
 TCE = trichloroethene

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TABLE 1 (CONT.)

ANALYTE CONCENTRATIONS VIA GC/ECD (µg/l)

SAMPLE	11DCE	CH2Cl2	112DCE	11DCA	c12DCE	CHCl3	111TCA	CCl4	TCE	112TCA	PCE(µg/l)	PCE(ppb)
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	135
E4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	151
E7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
EA-1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
EA-2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
EA-3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
EA-5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
EA-6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
F2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
F3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
F4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
F5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
F6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	212
F7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
F8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135

11DCE = 1,1-dichloroethene

11DCA = 1,1-dichloroethane

111TCA = 1,1,1-trichloroethane

112TCA = 1,1,2-trichloroethane

CH2Cl2 = methylene chloride

c12DCE = cis-1,2-dichloroethene

CCl4 = carbon tetrachloride

PCE = tetrachloroethene

112DCE = trans-1,2-dichloroethene

CHCl3 = chloroform

TCE = trichloroethene

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TABLE 1 (CONT.)

ANALYTE CONCENTRATIONS VIA GC/ECD (µg/l)

SAMPLE	11DCE	CH2Cl2	112DCE	11DCA	c12DCE	CHCl3	111TCA	CCl4	TCE	112TCA	PCE(µg/l)	PCE(ppb)
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	135
F9	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	29	<1.0	<1.0	<1.0	<135
F10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
F11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	23	3,107
FA-1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
G1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
G2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
G3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
G4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
G5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
G6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	81	10,943
G7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
G8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
G9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
G10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.4	<1.0	221	29,857
H2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
H3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
H4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
H5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
H6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	29	3,878
H7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135

11DCE = 1,1-dichloroethene
 11DCA = 1,1-dichloroethane
 111TCA = 1,1,1-trichloroethane
 112TCA = 1,1,2-trichloroethane

CH2Cl2 = methylene chloride
 c12DCE = cis-1,2-dichloroethene
 CCl4 = carbon tetrachloride
 PCE = tetrachloroethene

112DCE = trans-1,2-dichloroethene
 CHCl3 = chloroform
 TCE = trichloroethene

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TABLE 1 (CONT.)

ANALYTE CONCENTRATIONS VIA GC/ECD (µg/l)

SAMPLE REPORTING LIMIT	11DCE	CH2Cl2	t12DCE	11DCA	c12DCE	CHCl3	111TCA	CCl4	TCE	112TCA	PCE(µg/l)	PCE(ppb)
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	135
I2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
I3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
I4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.0	405
*I5	<1.0	<1.0	1.1	<1.0	<1.0	9.2	<1.0	11	15	<1.0	1,360	183,736
I6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	49	6,620
I7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
IA-1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
IA-2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
IA-3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
J2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.0	410
J3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	136
J4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8	239
J5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
J6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	221
J7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
K1	<1.0	<1.0	<1.0	<1.0	3.0	<1.0	<1.0	<1.0	4.6	<1.0	29	3,972
K2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
K3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
K4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
K5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135

*Concentrations in bold italics are higher than reported due to saturation of the detector

11DCE = 1,1-dichloroethene
 11DCA = 1,1-dichloroethane
 111TCA = 1,1,1-trichloroethane
 112TCA = 1,1,2-trichloroethane

CH2Cl2 = methylene chloride
 c12DCE = cis-1,2-dichloroethene
 CCl4 = carbon tetrachloride
 PCE = tetrachloroethene

t12DCE = trans-1,2-dichloroethene
 CHCl3 = chloroform
 TCE = trichloroethene

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TABLE 1 (CONT.)

ANALYTE CONCENTRATIONS VIA GC/ECD (µg/l)

SAMPLE	11DCE	CH2Cl2	112DCE	11DCA	c12DCE	CHCl3	111TCA	CCl4	TCE	112TCA	PCE(µg/l)	PCE(ppb)
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	135
K6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
K7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
L1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	148
L2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
L3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
L4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
W1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
*W2	<1.0	<1.0	13	<1.0	15	<1.0	<1.0	<1.0	13	<1.0	7.4	999
*W3	2.3	<1.0	122	<1.0	188	<1.0	<1.0	<1.0	<1.0	5.5	7.0	945
W4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
*W5	3.8	<1.0	283	<1.0	452	<1.0	<1.0	<1.0	43	<1.0	11	1,535
<u>FIELD CONTROL SAMPLES</u>												
BL1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BL2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BL3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BL4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BL5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135

*Concentrations in bold italics are higher than reported due to saturation of the detector

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TABLE 1 (CONT.)

ANALYTE CONCENTRATIONS VIA GC/ECD ($\mu\text{g/l}$)

SAMPLE	11DCE	CH2Cl2	112DCE	11DCA	c12DCE	CHCl3	111TCA	CCl4	TCE	112TCA	PCE($\mu\text{g/l}$)	PCE(ppb)
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	135
<u>FIELD CONTROL SAMPLES (CONT.)</u>												
BL6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BL7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BL8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BL9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BL10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BL11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BL12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BL13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
<u>FIELD DUPLICATE ANALYSIS</u>												
*I5	<1.0	<1.0	1.1	<1.0	<1.0	9.2	<1.0	11	15	<1.0	1,360	183,736
I5D	<1.0	<1.0	<1.0	<1.0	<1.0	4.0	<1.0	7.6	6.2	<1.0	889	120,104
H2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
H2D	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135

*Concentrations in bold italics are higher than reported due to saturation of the detector

11DCE = 1,1-dichloroethene

11DCA = 1,1-dichloroethane

111TCA = 1,1,1-trichloroethane

112TCA = 1,1,2-trichloroethane

CH2Cl2 = methylene chloride

c12DCE = cis-1,2-dichloroethene

CCl4 = carbon tetrachloride

PCE = tetrachloroethene

112DCE = trans-1,2-dichloroethene

CHCl3 = chloroform

TCE = trichloroethene

CLEJ-01272-3.13-08/20/93

TABLE 1 (CONT.)

ANALYTE CONCENTRATIONS VIA GC/ECD ($\mu\text{g/l}$)

SAMPLE REPORTING LIMIT	11DCE	CH ₂ Cl ₂	112DCE	11DCA	c12DCE	CHCl ₃	111TCA	CCl ₄	TCE	112TCA	PCE($\mu\text{g/l}$)	PCE(ppb)
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	135
LABORATORY DUPLICATE ANALYSIS												
B4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
B4R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BC-6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BC-6R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BL7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
B7R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
CC-1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
CC-1R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
D2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
D2R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
DT1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
DT1R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
DT-W	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
DT-WR	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135

11DCE = 1,1-dichloroethene
 11DCA = 1,1-dichloroethane
 111TCA = 1,1,1-trichloroethane
 112TCA = 1,1,2-trichloroethane

CH₂Cl₂ = methylene chloride
 c12DCE = cis-1,2-dichloroethene
 CCl₄ = carbon tetrachloride
 PCE = tetrachloroethene

112DCE = trans-1,2-dichloroethene
 CHCl₃ = chloroform
 TCE = trichloroethene

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TABLE 1 (CONT.)

ANALYTE CONCENTRATIONS VIA GC/ECD (µg/l)

SAMPLE	11DCE	CH2Cl2	t12DCE	11DCA	c12DCE	CHCl3	111TCA	CCl4	TCE	112TCA	PCE(µg/l)	PCE(ppb)
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	135
LABORATORY DUPLICATE ANALYSIS (CONT.)												
E1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E1R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E5R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E7R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E10	<1.0	<1.0	<1.0	<1.0	4.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E10R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
G10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.4	<1.0	221	29,857
G10R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.2	<1.0	240	32,424
*15	<1.0	<1.0	1.1	<1.0	<1.0	9.2	<1.0	11	15	<1.0	1,360	183,736
*15R	<1.0	<1.0	1.5	<1.0	<1.0	9.2	<1.0	11	15	<1.0	22	2,932
IA-1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
IA-1R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135

*Concentrations in bold italics are higher than reported due to saturation of the detector

11DCE = 1,1-dichloroethane
 11DCA = 1,1-dichloroethane
 111TCA = 1,1,1-trichloroethane
 112TCA = 1,1,2-trichloroethane

CH2Cl2 = methylene chloride
 c12DCE = cis-1,2-dichloroethene
 CCl4 = carbon tetrachloride
 PCE = tetrachloroethene

t12DCE = trans-1,2-dichloroethene
 CHCl3 = chloroform
 TCE = trichloroethene

TABLE 1 (CONT.)

ANALYTE CONCENTRATIONS VIA GC/ECD ($\mu\text{g/l}$)

SAMPLE REPORTING LIMIT	11DCE	CH ₂ Cl ₂	t12DCE	11DCA	c12DCE	CHCl ₃	111TCA	CCl ₄	TCE	112TCA	PCE($\mu\text{g/l}$)	PCE(ppb)
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	135

LABORATORY DUPLICATE ANALYSIS (CONT.)

L2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
L2R	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135

LABORATORY BLANKS

B4B	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
B7B	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
BC-6B	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
CC-1B	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
D2B	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
DT1B	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
DT-WB	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E1B	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E5B	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E7B	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
E10B	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
G10B	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
I5B	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
IA-1B	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135
L2B	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<135

11DCE = 1,1-dichloroethene
 11DCA = 1,1-dichloroethane
 111TCA = 1,1,1-trichloroethane
 112TCA = 1,1,2-trichloroethane

CH₂Cl₂ = methylene chloride
 c12DCE = cis-1,2-dichloroethene
 CCl₄ = carbon tetrachloride
 PCE = tetrachloroethene

t12DCE = trans-1,2-dichloroethene
 CHCl₃ = chloroform
 TCE = trichloroethene

MARYLAND SPECTRAL SERVICES, INC.
1500 Caton Center Drive Baltimore, MD 21227

VOLATILE ORGANICS BY EPA GC/MS METHOD 8240

CLIENT SAMPLE ID:	MBCL-12	MBCL-H2-D	MBCL-G3	MBCL-G4	MBCL-H3	MBCL-15
	MBCL	MBCL	MBCL	MBCL	MBCL	MBCL
LAB SAMPLE ID:	93021901	93021902	93021903	93021904	93021905	93022201
RECEIVED DATE:	02/19/93	02/19/93	02/19/93	02/19/93	02/19/93	02/22/93
ANALYSIS DATE:	02/19/93	02/19/93	02/19/93	02/19/93	02/19/93	02/22/93
FILE NAME:	021901	021902	021903	021904	021905	0222010
INSTRUMENT ID:	MSD	MSD	MSD	MSD	MSD	MSA
MATRIX:	VAPOR	VAPOR	VAPOR	VAPOR	VAPOR	VAPOR
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	10

VOLATILE COMPOUNDS

Acetone	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	40 U
Benzene	2.0 U	2.0 U	2.0 U	2.0 U	2.0* U	20 U
Bromodichloromethane	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
Bromoform	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
Bromomethane	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
2-Butanone	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	40 U
Carbon Disulfide	2.0 U	2.0 U	2.2	2.0 U	2.4	20 U
Carbon Tetrachloride	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
Chlorobenzene	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
Chloroethane	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
2-Chloroethylvinylether	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	40 U
Chloroform	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
Chloromethane	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
Dibromochloromethane	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
1,3-Dichlorobenzene	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
1,4-Dichlorobenzene	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
1,2-Dichlorobenzene	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
1,2-Dichloroethane	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
1,1-Dichloroethane	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
1,1-Dichloroethene	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
1,2-Dichloroethene (total)	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
1,2-Dichloropropane	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
trans-1,3-Dichloropropene	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
cis-1,3-Dichloropropene	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
Ethylbenzene	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
2-Hexanone	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	40 U
4-Methyl-2-Pentanone	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	40 U
Methylene Chloride	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
Styrene	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
1,1,2,2-Tetrachloroethane	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
Tetrachloroethene	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1360
Toluene	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
1,1,1-Trichloroethane	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
1,1,2-Trichloroethane	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
Trichloroethene	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
Vinyl Acetate	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	40 U
Vinyl Chloride	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
Xylene (total)	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U
Bis(2-Chloroethyl)sulfide	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed
Total Purgeables Observed	20 U	20 U	20 U	20 U	20	1360

B - Detected in Lab Blank. U - Below Reported Quantitation Level. J - Estimated Value.

MARYLAND SPECTRAL SERVICES, INC.
1500 Caton Center Drive Baltimore, MD 21227

VOLATILE ORGANICS BY EPA GC/MS METHOD 8240

CLIENT SAMPLE ID:	VBLK021901	VBLK0222A1
LAB SAMPLE ID:	METHOD BLANK	METHOD BLANK
ANALYSIS DATE:	02/19/93	02/22/93
FILE NAME:	0219VBLKD1	0222VBLKA1
INSTRUMENT ID:	MSD	MSA
MATRIX:	VAPOR	VAPOR
UNITS:	UG/L	UG/L
DILUTION FACTOR:	1.0	1.0

VOLATILE COMPOUNDS

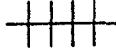
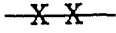
Acetone	4.0 U	4.0 U
Benzene	2.0 U	2.0 U
Bromodichloromethane	2.0 U	2.0 U
Bromoform	2.0 U	2.0 U
Bromomethane	2.0 U	2.0 U
2-Butanone	4.0 U	4.0 U
Carbon Disulfide	2.0 U	2.0 U
Carbon Tetrachloride	2.0 U	2.0 U
Chlorobenzene	2.0 U	2.0 U
Chloroethane	2.0 U	2.0 U
2-Chloroethylvinylether	4.0 U	4.0 U
Chloroform	2.0 U	2.0 U
Chloromethane	2.0 U	2.0 U
Dibromochloromethane	2.0 U	2.0 U
1,3-Dichlorobenzene	2.0 U	2.0 U
1,4-Dichlorobenzene	2.0 U	2.0 U
1,2-Dichlorobenzene	2.0 U	2.0 U
1,2-Dichloroethane	2.0 U	2.0 U
1,1-Dichloroethane	2.0 U	2.0 U
1,1-Dichloroethene	2.0 U	2.0 U
1,2-Dichloroethene (total)	2.0 U	2.0 U
1,2-Dichloropropane	2.0 U	2.0 U
trans-1,3-Dichloropropene	2.0 U	2.0 U
cis-1,3-Dichloropropene	2.0 U	2.0 U
Ethylbenzene	2.0 U	2.0 U
2-Hexanone	4.0 U	4.0 U
4-Methyl-2-Pentanone	4.0 U	4.0 U
Methylene Chloride	2.0 U	2.0 U
Styrene	2.0 U	2.0 U
1,1,2,2-Tetrachloroethane	2.0 U	2.0 U
Tetrachloroethene	2.0 U	2.0 U
Toluene	2.0 U	2.0 U
1,1,1-Trichloroethane	2.0 U	2.0 U
1,1,2-Trichloroethane	2.0 U	2.0 U
Trichloroethene	2.0 U	2.0 U
Vinyl Acetate	4.0 U	4.0 U
Vinyl Chloride	2.0 U	2.0 U
Xylene (total)	2.0 U	2.0 U
Bis(2-Chloroethyl)sulfide	Not Observed	Not Observed
Total Purgeables Observed	20 U	20 U

Appendix V
Aerial Photographic Investigation

LEGEND

B	Building
BR	Building Removed
C	Container
CA	Cleared Area
CO	Cylindrical Object
D	Drums
DA	Disposal Area
DB	Debris
DG	Disturbed Ground
DK	Dark-Toned
EMWR	Equipment Maintenance/Wash Rack
EX	Excavation
FA	Fill Area
GR	Graded
GS	Ground Scar
HT	Horizontal Tank
IM	Impoundment
L	Lagoon
LD	Liquid Discharge
LQ	Liquid
LT	Light-Toned
M	Material
MM	Mounded Material
MT	Medium-Toned
O	Object
OS	Open Storage
R	Refuse
REV	Revegetated
ST	Stain
TR	Trench

VEG



Vegetating

Feature Boundary

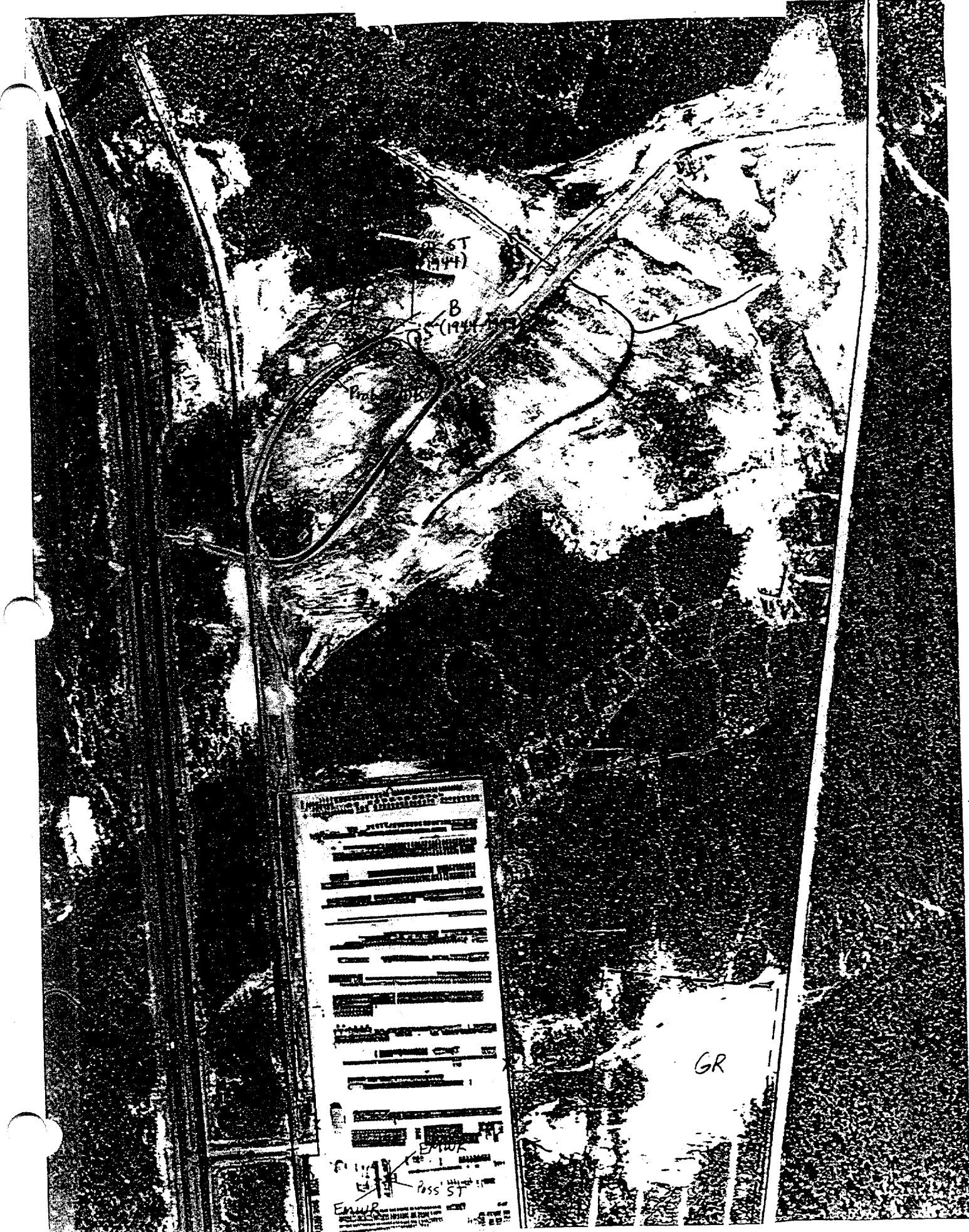
Fence

Natural Drainage

Railroad

V.1

Aerial Photograph - October 1949



GT
(1944)

B
(1944)

GR

Document with various fields and text, including the word "Environ" and "Pass ST".

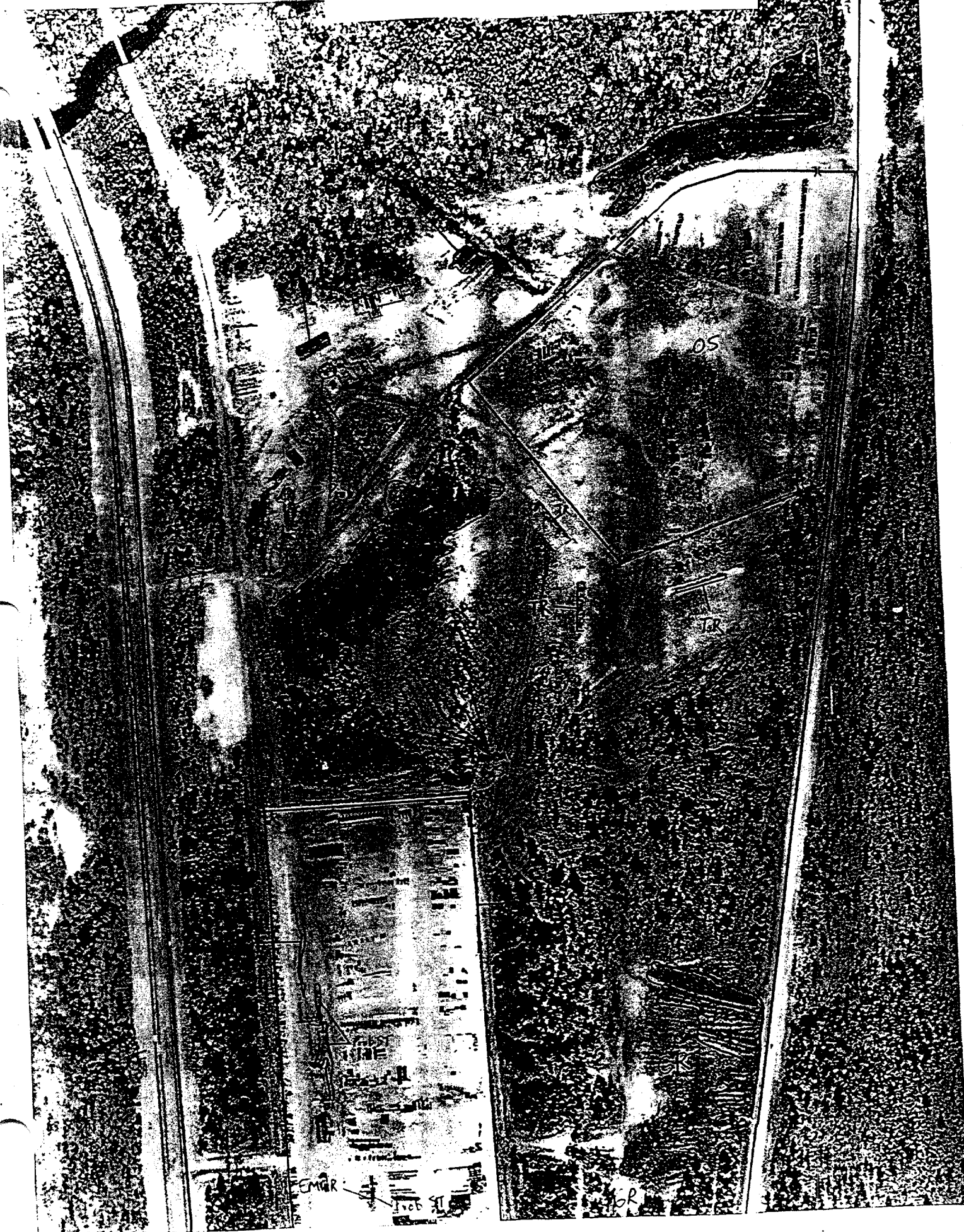
V.2

Aerial Photograph - February 1956



V.3

Aerial Photograph - November 1960



CLEJ-01272-3.13-08/20/93

V.4

Aerial Photograph - December 1988

