

MCB CAMP LEJEUNE

SAMPLING DATA
FOR SITE INSPECTIONS AT SITES
3, 7, 43, 44, 54, 63, 65, 80, and 82

Submitted 13 November 1991

Enclosure (1)

DOC.No.: CLEJ-00702-4.08-04/16/92

**BACKGROUND SOIL
CHEMICAL ANALYTICAL RESULTS**

INORGANIC ANALYSIS (mg/kg)
 SITE: CAMP LEJEUNE - BACKGROUND SOIL
 CASE: 5012
 LABORATORY:

SAMPLE LOCATION:	ANALYTICAL METHOD	BS-1	BS-2	BS-2-D	BS-3	
SAMPLE NUMBER:						
QC DESIGNATION:				FIELD DUPLICATE		CRQL
ALUMINUM	P	765 J	1530 J	1490 J	13900 J	40
ANTIMONY	P	2.7 U	3.1 U	3.3 U	3.1 U	12
ARSENIC	F	0.73 UJ	0.75 UJ	0.77 J	4.1 J	2
BARIUM	P	5.6	23.7	18.2	15.5	40
BERYLLIUM	P	0.32 U	0.37 U	0.38 U	0.36 U	1
CADMIUM	P	0.79 UJ	0.93 UJ	0.96 UJ	0.90 UJ	1
CALCIUM	P	267	647	495	113	1000
CHROMIUM	P	1.0 UJ	1.8 UJ	1.5 UJ	18.9	2
COBALT	P	0.79 U	0.93 U	0.96 U	1.1	10
COPPER	P	2.4	1.6	0.96 U	2.9	5
IRON	P	439	667	673	14100	20
LEAD	F	9.0	8.6	7.2	22.2	0.6
MAGNESIUM	P	31.9 J	80.9 J	66.8 J	571 J	1000
MANGANESE	P	7.4	1.8	1.5	7.0	3
MERCURY	CV	0.10 U	0.09 U	0.10 U	0.10 U	0.04
NICKEL	P	1.3 U	1.5 U	1.5 U	2.9 UJ	8
POTASSIUM	P	76.7 U	89.4 U	92.9 U	817	1000
SELENIUM	F	0.73 UJ	0.75 UJ	1.2 J	0.78 UJ	1
SILVER	P	0.32 UJ	0.37 UJ	0.68 J	0.36 UJ	2
SODIUM	P	20.7 UJ	37.2 UJ	43.0 UJ	44.6 UJ	1000
THALLIUM	F	0.19 UJ	0.19 U	0.19 UJ	0.26 UJ	2
TIN	P	NA	NA	NA	NA	8
VANADIUM	P	0.98	2.3	2.5	25.8	10
ZINC	P	3.2 UJ	3.5 UJ	2.1 UJ	10.3	4
CYANIDE	C	NA	NA	NA	NA	2
% MOISTURE:		0	0	0	0	
DILUTION FACTOR:		1.0	1.0	1.0	1.0	
DATE SAMPLED:		6/18/91	6/18/91	6/18/91	6/18/91	
ASSOCIATED BLANKS:		BS-1-R	BS-1-R	BS-1-R	BS-1-R	

ANALYTICAL METHOD
 F - FURNACE
 P - ICP/FLAME AA
 CV - COLD VAPOR
 C - COLORMETRIC

J - QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED IN THE QUALITY CONTROL REVIEW (DATA REVIEW)
 R - VALUE IS REJECTED.
 -- VALUE IS NON-DETECTED
 NA - NOT ANALYZED

SITE 3
OLD CREOSOTE PLANT
CHEMICAL ANALYTICAL RESULTS

SITE 3
SOIL DATA

SEMIVOLATILE ANALYSIS (ug/kg)

SITE: CAMP LEJEUNE - SITE 03

CASE: 4961

	SAMPLE LOCATION:	SB01-0002	SB01-0305	SB02-0002	SB02-0002-D	SB02-0305	SB03-0002	SB03-0305	SB04-0002
	SAMPLE NUMBER:								
	QC DESIGNATION: CRQL				FIELD DUPLICATE				
PHENOL	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
BIS(2-CHLOROETHYL)ETHER	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
2-CHLOROPHENOL	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
1,3-DICHLOROBENZENE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
1,4-DICHLOROBENZENE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
BENZYL ALCOHOL	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
1,2-DICHLOROBENZENE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
2-METHYLPHENOL	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
BIS(2-CHLOROISOPROPYL)ETHER	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
4-METHYLPHENOL	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
N-NITROSODI-N-PROPYLAMINE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
HEXACHLOROETHANE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
NITROBENZENE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
ISOPHORONE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
2-NITROPHENOL	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
2,4-DIMETHYLPHENOL	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
BENZOIC ACID	1600	R	R	1700 U	1800 U	1900 U	1700 U	2000 U	1700 U
BIS(2-CHLOROETHOXY)METHANE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
2,4-DICHLOROPHENOL	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
1,2,4-TRICHLOROBENZENE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
NAPHTHALENE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
4-CHLORANILINE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
HEXACHLOROBUTADIENE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
4-CHLORO-3-METHYLPHENOL	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
2-METHYLNAPHTHALENE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
HEXACHLOROCYCLOPENTADIENE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
2,4,6-TRICHLOROPHENOL	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
2,4,5-TRICHLOROPHENOL	1600	R	R	1700 U	1800 U	1900 U	1700 U	2000 U	1700 U
2-CHLORONAPHTHALENE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
2-NITROANILINE	1600	R	R	1700 U	1800 U	1900 U	1700 U	2000 U	1700 U
DIMETHYL PHTHALATE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
ACENAPHTHYLENE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
2,6-DINITROTOLUENE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
3-NITROANILINE	1600	R	R	1700 U	1800 U	1900 U	1700 U	2000 U	1700 U
ACENAPHTHENE	330	R	R	360 U	380 U	390 U	350 U	400 U	350 U
2,4-DINITROPHENOL	1600	R	R	1700 U	1800 U	1900 U	1700 U	2000 U	1700 U
4-NITROPHENOL	1600	R	R	1700 U	1800 U	1900 U	1700 U	2000 U	1700 U

SEMIVOLATILE ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 03
 CASE: 4961

SAMPLE LOCATION:	SB04-0305	SB04-0305-D	SB05-0002	SB05-0305	MW01-0002	MW01-1516	MW02-0002	MW02-1517	
SAMPLE NUMBER:									
QC DESIGNATION: CRQL	FIELD DUPLICATE								
PHENOL	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
BIS(2-CHLOROETHYL)ETHER	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
2-CHLOROPHENOL	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
1,3-DICHLOROBENZENE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
1,4-DICHLOROBENZENE	330	360 U	350 U	370 U	380 U	350 UJ	400 U	690 U	8600 U
BENZYL ALCOHOL	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
1,2-DICHLOROBENZENE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
2-METHYLPHENOL	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
BIS(2-CHLOROISOPROPYL)ETHER	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
4-METHYLPHENOL	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
N-NITROSODI-N-PROPYLAMINE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
HEXACHLOROETHANE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
NITROBENZENE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
ISOPHORONE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
2-NITROPHENOL	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
2,4-DIMETHYLPHENOL	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
BENZOIC ACID	1600	1700 U	1700 U	1800 U	1800 U	1700 U	2000 U	3400 U	42000 U
BIS(2-CHLOROETHOXY)METHANE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
2,4-DICHLOROPHENOL	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
1,2,4-TRICHLOROBENZENE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
NAPHTHALENE	330	360 U	350 U	370 U	380 U	350 U	400 U	550 J	52000
4-CHLORANILINE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
HEXACHLOROBUTADIENE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
4-CHLORO-3-METHYLPHENOL	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
2-METHYLNAPHTHALENE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	26000
HEXACHLOROCYCLOPENTADIENE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
2,4,6-TRICHLOROPHENOL	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
2,4,5-TRICHLOROPHENOL	1600	1700 U	1700 U	1800 U	1800 U	1700 U	2000 U	3400 U	42000 U
2-CHLORONAPHTHALENE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
2-NITROANILINE	1600	1700 U	1700 U	1800 U	1800 U	1700 U	2000 U	3400 U	42000 U
DIMETHYL PHTHALATE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
ACENAPHTHYLENE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
2,6-DINITROTOLUENE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	8600 U
3-NITROANILINE	1600	1700 U	1700 U	1800 U	1800 U	1700 U	2000 U	3400 U	42000 U
ACENAPHTHENE	330	360 U	350 U	370 U	380 U	350 U	400 U	690 U	37000
2,4-DINITROPHENOL	1600	1700 U	1700 U	1800 U	1800 U	1700 U	2000 U	3400 U	42000 U
4-NITROPHENOL	1600	1700 U	1700 U	1800 U	1800 U	1700 U	2000 U	3400 U	42000 U

DOC.No.: CLEJ-00702-4.08-04/16/92

SEMIVOLATILE ANALYSIS (ug/kg)

SITE: CAMP LEJEUNE - SITE 03

CASE: 4961

SAMPLE LOCATION: MW03-0002 MW03-0709
 SAMPLE NUMBER:
 QC DESIGNATION: CRQL

PHENOL	330	350 U	370 U
BIS(2-CHLOROETHYL)ETHER	330	350 U	370 U
2-CHLOROPHENOL	330	350 U	370 U
1,3-DICHLOROBENZENE	330	350 U	370 U
1,4-DICHLOROBENZENE	330	350 U	370 U
BENZYL ALCOHOL	330	350 U	370 U
1,2-DICHLOROBENZENE	330	350 U	370 U
2-METHYLPHENOL	330	350 U	370 U
BIS(2-CHLOROISOPROPYL)ETHER	330	350 U	370 U
4-METHYLPHENOL	330	350 U	370 U
N-NITROSODI-N-PROPYLAMINE	330	350 U	370 U
HEXACHLOROETHANE	330	350 U	370 U
NITROBENZENE	330	350 U	370 U
ISOPHORONE	330	350 U	370 U
2-NITROPHENOL	330	350 U	370 U
2,4-DIMETHYLPHENOL	330	350 U	370 U
BENZOIC ACID	1600	1700 U	1800 U
BIS(2-CHLOROETHOXY)METHANE	330	350 U	370 U
2,4-DICHLOROPHENOL	330	350 U	370 U
1,2,4-TRICHLOROBENZENE	330	350 U	370 U
NAPHTHALENE	330	350 U	370 U
4-CHLORANILINE	330	350 U	370 U
HEXACHLOROBUTADIENE	330	350 U	370 U
4-CHLORO-3-METHYLPHENOL	330	350 U	370 U
2-METHYLNAPHTHALENE	330	350 U	370 U
HEXACHLOROCYCLOPENTADIENE	330	350 U	370 U
2,4,6-TRICHLOROPHENOL	330	350 U	370 U
2,4,5-TRICHLOROPHENOL	1600	1700 U	1800 U
2-CHLORONAPHTHALENE	330	350 U	370 U
2-NITROANILINE	1600	1700 U	1800 U
DIMETHYL PHTHALATE	330	350 U	370 U
ACENAPHTHYLENE	330	350 U	370 U
2,6-DINITROTOLUENE	330	350 U	370 U
3-NITROANILINE	1600	1700 U	1800 U
ACENAPHTHENE	330	350 U	370 U
2,4-DINITROPHENOL	1600	1700 U	1800 U
4-NITROPHENOL	1600	1700 U	1800 U

SEMIVOLATILE ANALYSIS (ug/kg)

SITE: CAMP LEJEUNE - SITE 03

CASE: 4961

SAMPLE LOCATION: MW03-0002 MW03-0709
 SAMPLE NUMBER:
 QC DESIGNATION: CRQL

DIBENZOFURAN	330	350 U	370 U
2,4-DINITROTOLUENE	330	350 U	370 U
DIETHYL PHTHALATE	330	350 U	370 U
4-CHLOROPHENYL-PHENYLETHER	330	350 U	370 U
FLUORENE	330	350 U	370 U
4-NITROANILINE	1600	1700 U	1800 U
4,6-DINITRO-2-METHYLPHENOL	1600	1700 U	1800 U
N-NITROSODIPHENLYAMINE	330	350 U	350 U
4-BROMOPHENYL-PHENYLETHER	330	350 U	350 U
HEXACHLOROBENZENE	330	350 U	350 U
PENTACHLOROPHENOL	1600	1700 U	1800 U
PHENANTHRENE	330	350 U	370 U
ANTHRACENE	330	350 U	370 U
DI-N-BUTYLPHTHALATE	330	350 U	370 U
FLUORANTHENE	330	350 U	370 U
PYRENE	330	350 U	370 U
BUTYLBENZYLPHTHALATE	330	350 U	370 U
3,3'-DICHLOROBENZIDINE	660	700 U	740 U
BENZO(a)ANTHRACENE	330	350 U	370 U
CHRYSENE	330	350 U	370 U
BIS(2-ETHYLHEXYL)PHTHALATE	330	350 U	370 U
DI-N-OCTYLPHTHALATE	330	350 U	370 U
BENZO(b)FLUORANTHENE	330	350 U	370 U
BENZO(k)FLUARANTHENE	330	350 U	370 U
BENZO(a)PYRENE	330	350 U	370 U
INDENO(1,2,3-cd)PYRENE	330	350 U	370 U
DIBENZ(a,h)ANTHRACENE	330	350 U	370 U
BENZO(ghi)PERYLENE	330	350 U	370 U

% MOISTURE:

6 11

DILUTION FACTOR:

1.0 1.0

DATE SAMPLED:

6/11/91 6/11/91

DATE EXTRACTED:

6/17/91 6/17/91

DATE ANALYZED:

7/25/91 7/23/91

A) DATED BLANKS:

03SD02-F 03SD02-F

03SD02-R 03SD02-R

SITE 3
GROUNDWATER DATA

SEMIVOLATILE AQUEOUS ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - SITE 03

CASE: 5005

SAMPLE LOCATION:		GW01	GW02	GW03
SAMPLE NUMBER:				
QC DESIGNATION: CRQL				
PHENOL	10	10 U	110 U	10 U
BIS(2-CHLOROETHYL)ETHER	10	10 U	110 U	10 U
2-CHLOROPHENOL	10	10 U	110 U	10 U
1,3-DICHLOROBENZENE	10	10 U	110 U	10 U
1,4-DICHLOROBENZENE	10	10 U	110 U	10 U
BENZYL ALCOHOL	10	10 U	110 U	10 U
1,2-DICHLOROBENZENE	10	10 U	110 U	10 U
2-METHYLPHENOL	10	10 U	110 U	10 U
BIS(2-CHLOROISOPROPYL)ETHER	10	10 U	110 U	10 U
4-METHYLPHENOL	10	10 U	110 U	10 U
N-NITROSODI-N-PROPYLAMINE	10	10 U	110 U	10 U
HEXACHLOROETHANE	10	10 U	110 U	10 U
NITROBENZENE	10	10 U	110 U	10 U
ISOPHORONE	10	10 U	110 U	10 U
2-NITROPHENOL	10	10 U	110 U	10 U
2,4-DIMETHYLPHENOL	10	10 U	110 U	10 U
BENZOIC ACID	50	49 U	560 U	50 U
BIS(2-CHLOROETHOXY)METHANE	10	10 U	110 U	10 U
2,4-DICHLOROPHENOL	10	10 U	110 U	10 U
1,2,4-TRICHLOROBENZENE	10	10 U	110 U	10 U
NAPHTHALENE	10	10 U	4400	9 J
4-CHLORANILINE	10	10 U	110 U	10 U
HEXACHLOROBUTADIENE	10	10 U	110 U	10 U
4-CHLORO-3-METHYLPHENOL	10	10 U	110 U	10 U
2-METHYLNAPHTHALENE	10	10 U	1500	10 U
HEXACHLOROCYCLOPENTADIENE	10	10 U	110 U	10 U
2,4,6-TRICHLOROPHENOL	10	10 U	110 U	10 U
2,4,5-TRICHLOROPHENOL	50	49 U	560 U	50 U
2-CHLORONAPHTHALENE	10	10 U	110 U	10 U
2-NITROANILINE	50	49 U	560 U	50 U
DIMETHYL PHTHALATE	10	10 U	110 U	10 U
ACENAPHTHYLENE	10	10 U	110 U	10 U
2,6-DINITROTOLUENE	10	10 U	110 U	10 U
3-NITROANILINE	50	49 U	560 U	50 U
ACENAPHTHENE	10	10 U	1500	10 U
2,4-DINITROPHENOL	50	49 U	560 U	50 U

SEMIVOLATILE AQUEOUS ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - SITE 03

CASE: 5005

SAMPLE LOCATION:		GW01	GW02	GW03
SAMPLE NUMBER:				
QC DESIGNATION: CRQL				
4-NITROPHENOL	50	49 U	560 U	50 U
DIBENZOFURAN	10	10 U	1100	10 U
2,4-DINITROTOLUENE	10	10 U	110 U	10 U
DIETHYL PHTHALATE	10	10 U	110 U	10 U
4-CHLOROPHENYL-PHENYLETHER	10	10 U	110 U	10 U
FLUORENE	10	10 U	890	10 U
4-NITROANILINE	50	49 U	560 U	50 U
4,6-DINITRO-2-METHYLPHENOL	50	49 U	560 U	50 U
N-NITROSODIPHENLYAMINE	10	10 U	110 U	10 U
4-BROMOPHENYL-PHENYLETHER	10	10 U	110 U	10 U
HEXACHLOROBENZENE	10	10 U	110 U	10 U
PENTACHLOROPHENOL	50	49 U	560 U	50 U
PHENANTHRENE	10	10 U	1600	10 U
ANTHRACENE	10	10 U	260	10 U
DI-N-BUTYLPHTHALATE	10	10 U	110 U	10 U
FLUORANTHENE	10	10 U	640	10 U
PYRENE	10	10 U	460	10 U
BUTYLBENZYLPHTHALATE	10	10 U	110 U	10 U
3,3'-DICHLOROBENZIDINE	20	19 U	220 U	20 U
BENZO(a)ANTHRACENE	10	10 U	110 U	10 U
CHRYSENE	10	10 U	96 J	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	10	10 U	110 U	10 U
DI-N-OCTYLPHTHALATE	10	10 U	110 U	10 U
BENZO(b)FLUORANTHENE	10	10 U	110 U	10 U
BENZO(k)FLUARANTHENE	10	10 U	110 U	10 U
BENZO(a)PYRENE	10	10 U	110 U	10 U
INDENO(1,2,3-cd)PYRENE	10	10 U	110 U	10 U
DIBENZ(a,h)ANTHRACENE	10	10 U	110 U	10 U
BENZO(ghi)PERYLENE	10	10 U	110 U	10 U

% MOISTURE:

DILUTION FACTOR:	1.0	10.0	1.0
DATE SAMPLED:	6/16/91	6/16/91	6/16/91
DATE EXTRACTED:	6/21/91	6/21/91	6/21/91
DATE ANALYZED:	8/01/91	8/12/91	8/01/91
ASSOCIATED BLANKS:	03GW02-R	03GW02-R	03GW02-R

SITE 3
SEDIMENT DATA

SEMIVOLATILE ANALYSIS (ug/kg)

SITE: CAMP LEJEUNE - SITE 03

CASE: 4961

SAMPLE LOCATION:	SD01	SD02	SD02-D
SAMPLE NUMBER:			
QC DESIGNATION: CRQL			FIELD DUPLICATE
DIBENZOFURAN	330	790 U	900 U 890 U
2,4-DINITROTOLUENE	330	790 U	900 U 890 U
DIETHYL PHTHALATE	330	790 U	900 U 890 U
4-CHLOROPHENYL-PHENYLETHER	330	790 U	900 U 890 U
FLUORENE	330	790 U	900 U 890 U
4-NITROANILINE	1600	3800 U	4400 U 4300 U
4,6-DINITRO-2-METHYLPHENOL	1600	3800 U	4400 U 4300 U
N-NITROSODIPHENLYAMINE	330	790 U	900 U 890 U
4-BROMOPHENYL-PHENYLETHER	330	790 U	900 U 890 U
HEXACHLOROBENZENE	330	790 U	900 U 890 U
PENTACHLOROPHENOL	1600	3800 U	4400 U 4300 U
PHENANTHRENE	330	790 U	900 U 890 U
ANTHRACENE	330	790 U	900 U 890 U
DI-N-BUTYLPHTHALATE	330	790 U	900 U 890 U
FLUORANTHENE	330	790 U	900 U 890 U
PYRENE	330	790 U	900 U 890 U
BUTYLBENZYLPHTHALATE	330	790 U	900 U 890 U
3,3'-DICHLOROBENZIDINE	660	1600 U	1800 U 1800 U
BENZO(a)ANTHRACENE	330	790 U	900 U 890 U
CHRYSENE	330	790 U	900 U 890 U
BIS(2-ETHYLHEXYL)PHTHALATE	330	750 J	900 U 890 U
DI-N-OCTYLPHTHALATE	330	790 UJ	900 UJ 890 UJ
BENZO(b)FLUORANTHENE	330	790 UJ	900 UJ 890 UJ
BENZO(k)FLUARANTHENE	330	790 UJ	900 UJ 890 UJ
BENZO(a)PYRENE	330	790 UJ	900 UJ 890 UJ
INDENO(1,2,3-cd)PYRENE	330	790 UJ	900 UJ 890 UJ
DIBENZ(a,h)ANTHRACENE	330	790 UJ	900 UJ 890 UJ
BENZO(ghi)PERYLENE	330	790 UJ	900 UJ 890 UJ
% MOISTURE:	17	28	27
DILUTION FACTOR:	2.0	2.0	2.0
DATE SAMPLED:	6/10/91	6/10/91	6/10/91
DATE EXTRACTED:	6/17/91	6/17/91	6/17/91
DATE ANALYZED:	7/23/91	7/23/91	7/23/91
ASSOCIATED BLANKS:	03SD02-F	03SD02-F	03SD02-F
	03SD02-R	03SD02-R	03SD02-R

SEMIVOLATILE ANALYSIS (ug/kg)

SITE: CAMP LEJEUNE - SITE 03

CASE: 4961

SAMPLE LOCATION:	SD01	SD02	SD02-D	
SAMPLE NUMBER:				
QC DESIGNATION: CRQL			FIELD DUPLICATE	
PHENOL	330	790 U	900 U	890 U
BIS(2-CHLOROETHYL)ETHER	330	790 U	900 U	890 U
2-CHLOROPHENOL	330	790 U	900 U	890 U
1,3-DICHLOROBENZENE	330	790 U	900 U	890 U
1,4-DICHLOROBENZENE	330	790 U	900 U	890 U
BENZYL ALCOHOL	330	790 U	900 U	890 U
1,2-DICHLOROBENZENE	330	790 U	900 U	890 U
2-METHYLPHENOL	330	790 U	900 U	890 U
BIS(2-CHLOROISOPROPYL)ETHER	330	790 U	900 U	890 U
4-METHYLPHENOL	330	790 U	900 U	890 U
N-NITROSODI-N-PROPYLAMINE	330	790 U	900 U	890 U
HEXACHLOROETHANE	330	790 U	900 U	890 U
NITROBENZENE	330	790 U	900 U	890 U
ISOPHORONE	330	790 U	900 U	890 U
2-NITROPHENOL	330	790 U	900 U	890 U
2,4-DIMETHYLPHENOL	330	790 U	900 U	890 U
BENZOIC ACID	1600	3800 U	4400 U	4300 U
BIS(2-CHLOROETHOXY)METHANE	330	790 U	900 U	890 U
2,4-DICHLOROPHENOL	330	790 U	900 U	890 U
1,2,4-TRICHLOROBENZENE	330	790 U	900 U	890 U
NAPHTHALENE	330	790 U	900 U	890 U
4-CHLORANILINE	330	790 U	900 U	890 U
HEXACHLOROBUTADIENE	330	790 U	900 U	890 U
4-CHLORO-3-METHYLPHENOL	330	790 U	900 U	890 U
2-METHYLNAPHTHALENE	330	790 U	900 U	890 U
HEXACHLOROCYCLOPENTADIENE	330	790 U	900 U	890 U
2,4,6-TRICHLOROPHENOL	330	790 U	900 U	890 U
2,4,5-TRICHLOROPHENOL	1600	3800 U	4400 U	4300 U
2-CHLORONAPHTHALENE	330	790 U	900 U	890 U
2-NITROANILINE	1600	3800 U	4400 U	4300 U
DIMETHYL PHTHALATE	330	790 U	900 U	890 U
ACENAPHTHYLENE	330	790 U	900 U	890 U
2,6-DINITROTOLUENE	330	790 U	900 U	890 U
3-NITROANILINE	1600	3800 U	4400 U	4300 U
ACENAPHTHENE	330	790 U	900 U	890 U
2,4-DINITROPHENOL	1600	3800 U	4400 U	4300 U
4-NITROPHENOL	1600	3800 U	4400 U	4300 U

SITE 7

TARAWA TERRACE DUMP

CHEMICAL ANALYTICAL RESULTS

SITE 7
SOIL DATA

VOLATILE ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 07
 CASE: 5054

SAMPLE LOCATION:	SB01-0002	SB02-0002	SB02-0709	SB03-0002	SB04-0002	SB04-0709	SB05-0002	SB05-0002-D	
SAMPLE NUMBER:									
QC DESIGNATION: CRQL								FIELD DUPLICATE	
CHLOROMETHANE	10	19 UJ	12 UJ	12 UJ	53 UJ	11 UJ	12 UJ	11 U	11 U
BROMOMETHANE	10	19 UJ	12 UJ	12 UJ	53 UJ	11 UJ	12 UJ	11 UJ	11 UJ
VINYL CHLORIDE	10	19 U	12 U	12 U	53 UJ	11 U	12 U	11 U	11 U
CHLOROETHANE	10	19 U	12 U	12 U	53 UJ	11 U	12 U	11 U	11 U
METHYLENE CHLORIDE	5	10 U	4 UJ	5 UJ	30 UJ	6 U	6 U	6 U	6 U
ACETONE	10	19 U	12 U	12 U	53 UJ	11 U	12 U	11 U	11 U
CARBON DISULFIDE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 U	6 U
1,1-DICHLOROETHENE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 U	6 U
1,1-DICHLOROETHANE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 U	6 U
1,2-DICHLOROETHENE (TOTAL)	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 U	6 U
CHLOROPFORM	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 U	6 U
1,2-DICHLOROETHANE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 U	6 U
2-BUTANONE	10	19 U	12 U	12 U	53 UJ	11 U	12 U	11 UJ	11 U
1,1,1-TRICHLOROETHANE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
CARBON TETRACHLORIDE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
VINYL ACETATE	10	19 U	12 U	12 U	53 UJ	11 U	12 U	11 UJ	11 U
BROMODICHLOROMETHANE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
1,2-DICHLOROPROPANE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
CIS-1,3-DICHLOROPROPENE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
TRICHLOROETHENE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
DIBROMOCHLOROMETHANE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
1,1,2-TRICHLOROETHANE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
BENZENE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
TRANS-1,3-DICHLOROPROPENE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
BROMOPFORM	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
4-METHYL-2-PENTANONE	10	19 U	12 U	12 U	53 UJ	11 U	12 U	11 UJ	11 U
2-HEXANONE	10	19 U	12 U	12 U	53 UJ	11 U	12 U	11 UJ	11 U
TETRACHLOROETHENE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
1,1,2,2-TETRACHLOROETHANE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
TOLUENE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
CHLOROBENZENE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
ETHYL BENZENE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
STYRENE	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
TOTAL XYLENES	5	10 U	6 U	6 U	26 UJ	6 U	6 U	6 UJ	6 U
% MOISTURE:	48	15	20	81	11	19	13	13	
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
DATE SAMPLED:	6/25/91	6/25/91	6/25/91	6/25/91	6/24/91	6/24/91	6/24/91	6/24/91	
DATE ANALYZED:	7/05/91	7/05/91	7/05/91	7/05/91	7/05/91	7/05/91	7/04/91	7/04/91	
ASSOCIATED BLANKS:	07SB05-T	07SB05-T	07SB05-T	07SB05-T	07SB05-T	07SB05-T	07SB05-T	07SB05-T	
	07SB05-R	07SB05-R	07SB05-R	07SB05-R	07SB05-R	07SB05-R	07SB05-R	07SB05-R	

DOC.No.: CLEJ-00702-4.08-04/16/92

SEMIVOLATILE ANALYSIS (ug/kg)

SITE: CAMP LEJEUNE - SITE 07

CASE: 5054

SAMPLE LOCATION:	SB01-0002	SB02-0002	SB02-0709	SB03-0002	SB04-0002	SB04-0709	SB05-0002	SB04-0002-D	
SAMPLE NUMBER:									
QC DESIGNATION: CRQL								FIELD DUPLICATE	
PHENOL	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
BIS(2-CHLOROETHYL)ETHER	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
2-CHLOROPHENOL	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
1,3-DICHLOROBENZENE	330	680 U	870 U	440 U	2000 U	410 UJ	440 U	410 U	R
1,4-DICHLOROBENZENE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
BENZYL ALCOHOL	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
1,2-DICHLOROBENZENE	330	680 U	870 U	440 U	2000 U	410 UJ	440 U	410 U	R
2-METHYLPHENOL	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
BIS(2-CHLOROISOPROPYL)ETHER	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
4-METHYLPHENOL	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
N-NITROSODI-N-PROPYLAMINE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
HEXACHLOROETHANE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
NITROBENZENE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
ISOPHORONE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
2-NITROPHENOL	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
2,4-DIMETHYLPHENOL	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
BENZOIC ACID	1600	3300 U	4200 U	2100 U	9900 U	2000 U	2100 U	2000 U	R
BIS(2-CHLOROETHOXY)METHANE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
2,4-DICHLOROPHENOL	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
1,2,4-TRICHLOROBENZENE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
NAPHTHALENE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
4-CHLORANILINE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
HEXACHLOROBUTADIENE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
4-CHLORO-3-METHYLPHENOL	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
2-METHYLNAPHTHALENE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
HEXACHLOROCYCLOPENTADIENE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
2,4,6-TRICHLOROPHENOL	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
2,4,5-TRICHLOROPHENOL	1600	3300 U	4200 U	2100 U	9900 U	2000 U	2100 U	2000 U	R
2-CHLORONAPHTHALENE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
2-NITROANILINE	1600	3300 U	4200 U	2100 U	9900 U	2000 U	2100 U	2000 U	R
DIMETHYL PHTHALATE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
ACENAPHTHYLENE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
2,6-DINITROTOLUENE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
3-NITROANILINE	1600	3300 U	4200 U	2100 U	9900 U	2000 U	2100 U	2000 U	R
ACENAPHTHENE	330	680 U	870 U	440 U	2000 U	410 U	440 U	410 U	R
2,4-DINITROPHENOL	1600	3300 U	4200 U	2100 U	9900 U	2000 U	2100 U	2000 U	R
4-NITROPHENOL	1600	3300 U	4200 U	2100 U	9900 U	2000 U	2100 U	2000 U	R

DOC.No.: CLEJ-00702-4.08-04/16/92

SEMIVOLATILE ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 07
 CASE: 5054

SAMPLE LOCATION:	SB05-1012	MW01-0002	MW01-0305	MW02-0002	MW02-7595	MW03-0002	
SAMPLE NUMBER:							
QC DESIGNATION: CRQL							
PHENOL	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
BIS(2-CHLOROETHYL)ETHER	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
2-CHLOROPHENOL	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
1,3-DICHLOROBENZENE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
1,4-DICHLOROBENZENE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
BENZYL ALCOHOL	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
1,2-DICHLOROBENZENE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
2-METHYLPHENOL	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
BIS(2-CHLOROISOPROPYL)ETHER	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
4-METHYLPHENOL	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
N-NITROSODI-N-PROPYLAMINE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
HEXACHLOROETHANE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
NITROBENZENE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
ISOPHORONE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
2-NITROPHENOL	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
2,4-DIMETHYLPHENOL	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
BENZOIC ACID	1600	2100 U	15000	7900 J	2100 U	2200 U	6300 J
BIS(2-CHLOROETHOXY)METHANE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
2,4-DICHLOROPHENOL	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
1,2,4-TRICHLOROBENZENE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
NAPHTHALENE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
4-CHLORANILINE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
HEXACHLOROBUTADIENE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
4-CHLORO-3-METHYLPHENOL	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
2-METHYLNAPHTHALENE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
HEXACHLOROCYCLOPENTADIENE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
2,4,6-TRICHLOROPHENOL	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
2,4,5-TRICHLOROPHENOL	1600	2100 U	9300 U	13000 U	2100 U	2200 U	17000 U
2-CHLORONAPHTHALENE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
2-NITROANILINE	1600	2100 U	9300 U	13000 U	2100 U	2200 U	17000 U
DIMETHYL PHTHALATE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
ACENAPHTHYLENE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
2,6-DINITROTOLUENE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
3-NITROANILINE	1600	2100 U	9300 U	13000 U	2100 U	2200 U	17000 U
ACENAPHTHENE	330	440 U	1900 U	2600 U	440 U	450 U	3500 U
2,4-DINITROPHENOL	1600	2100 U	9300 U	13000 U	2100 U	2200 U	17000 U
4-NITROPHENOL	1600	2100 U	9300 U	13000 U	2100 U	2200 U	17000 U

DOC.No.: CLEJ-00702-4.08-04/16/92

PESTICIDE/PCB ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 07
 CASE: 5054

		SB01-0002	SB02-0002	SB02-0709	SB03-0002	SB04-0002	SB04-0709	SB05-0002	SB05-0002-D
	SAMPLE LOCATION:								
	SAMPLE NUMBER:								
	QC DESIGNATION: CRQL								FIELD DUPLICATE
ALPHA-BHC	8.0	37 U	24 U	24 U	110 U	2.2 U	24 U	2.2 U	2.3 U
BETA-BHC	8.0	37 U	24 U	24 U	110 U	2.2 U	24 U	2.2 U	2.3 U
DELTA-BHC	8.0	37 U	24 U	24 U	110 U	2.2 U	24 U	2.2 U	2.3 U
GAMMA-BHC (LINDANE)	8.0	37 U	24 U	24 U	110 U	2.2 U	24 U	2.2 U	2.3 U
HEPTACHLOR	8.0	37 U	24 U	24 U	110 U	2.2 U	24 U	2.2 U	2.3 U
ALDRIN	8.0	37 U	24 U	24 U	110 U	2.2 U	24 U	2.2 U	7.6 J
HEPTACHLOR EPOXIDE	8.0	37 U	24 U	24 U	110 U	2.2 U	24 U	2.2 U	2.3 U
ENDOSULFAN I	8.0	37 U	24 U	24 U	110 U	2.2 U	24 U	2.2 U	2.3 U
DIELDRIN	16.0	160	47 U	930	220 U	4.4 U	400 J	14 J	9.6 J
4,4'-DDE	16.0	240 J	47 U	48 U	220 U	4.4 U	48 U	4.5 U	4.5 U
ENDRIN	16.0	91 J	47 U	430 J	220 U	4.4 U	260	4.5 U	4.5 U
ENDOSULFAN II	16.0	490 J	47 U	2000 J	220 U	4.4 U	48 U	7.0 J	8.1 J
4,4'-DDD	16.0	210 J	47 U	58 J	220 U	4.4 U	48 U	5.4 J	19 J
ENDOSULFAN SULFATE	16.0	74 U	47 U	48 U	220 U	4.4 U	48 U	4.5 U	4.5 U
4,4'-DDT	16.0	74 U	47 U	48 U	220 U	4.4 U	48 U	4.5 U	4.5 U
METHOXYCHLOR	80.0	370 U	240 U	240 U	1100 U	22 U	240 U	22 U	23 U
ENDRIN KETONE	16.0	74 U	47 U	48 U	220 U	4.4 U	48 U	4.5 U	4.5 U
ALPHA-CHLORODANE	80.0	370 U	240 U	240 U	1100 U	22 U	240 U	22 U	23 U
GAMMA-CHLORDANE	80.0	370 U	240 U	240 U	1100 U	22 U	240 U	22 U	23 U
TOXAPHENE	160.0	740 U	470 U	480 U	2200 U	44 U	480 U	45 U	45 U
AROCLOR 1016	80.0	370 U	240 U	240 U	1100 U	22 U	240 U	22 U	23 U
AROCLOR 1221	80.0	370 U	240 U	240 U	1100 U	22 U	240 U	22 U	23 U
AROCLOR 1232	80.0	370 U	240 U	240 U	1100 U	22 U	240 U	22 U	23 U
AROCLOR 1242	80.0	370 U	240 U	240 U	1100 U	22 U	240 U	22 U	23 U
AROCLOR 1248	80.0	370 U	240 U	240 U	1100 U	22 U	240 U	22 U	23 U
AROCLOR 1254	160.0	740 U	470 U	480 U	2200 U	44 U	480 U	45 U	45 U
AROCLOR 1260	160.0	2300	470 U	8200	2200 U	44 U	8500 J	120 J	96 J
% MOISTURE:		46	16	17	81.8	10.9	15.9	10.7	11.4
DILUTION FACTOR:		10.0	10.0	10.0	10.0	1.0	10.0	1.0	1.0
DATE SAMPLED:		6/25/91	6/25/91	6/25/91	6/25/91	6/24/91	6/24/91	6/24/91	6/24/91
DATE EXTRACTED:		7/01/91	7/01/91	7/01/91	7/01/91	7/01/91	7/01/91	7/01/91	7/01/91
DATE ANALYZED:		8/08/91	8/08/91	8/08/91	8/08/91	8/06/91	8/06/91	8/06/91	8/06/91
ASSOCIATED BLANKS:									

DOC.No.: CLEJ-00702-4.08-04/16/92

PESTICIDE/PCB ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 07
 CASE: 5054

SAMPLE LOCATION: SB05-1012 MW01-0002 MW01-0305 MW02-0002 MW02-7595 MW03-0002
 SAMPLE NUMBER:
 QC DESIGNATION: CRQL

ALPHA-BHC	8.0	2.4 U	100 U	70 U	24 U	25 U	93 U
BETA-BHC	8.0	2.4 U	100 U	70 U	24 U	25 U	93 U
DELTA-BHC	8.0	2.4 U	100 U	70 U	24 U	25 U	93 U
GAMMA-BHC (LINDANE)	8.0	2.4 U	100 U	70 U	24 U	25 U	93 U
HEPTACHLOR	8.0	2.4 U	100 U	70 U	24 U	25 U	93 U
ALDRIN	8.0	2.4 U	100 U	70 U	24 U	25 U	93 U
HEPTACHLOR EPOXIDE	8.0	2.4 U	100 U	70 U	24 U	25 U	93 U
ENDOSULFAN I	8.0	2.4 U	100 U	70 U	24 U	25 U	93 U
DIELDRIN	16.0	4.8 U	210 U	140 U	540 J	2500	190 U
4,4'-DDE	16.0	4.8 U	210 U	140 U	48 U	50 U	190 U
ENDRIN	16.0	14	210 U	140 U	140	1300 J	190 U
ENDOSULFAN II	16.0	73 J	210 U	140 U	1400 J	98 J	190 U
4,4'-DDD	16.0	4.8 U	210 U	140 U	53 J	190 J	190 U
ENDOSULFAN SULFATE	16.0	4.8 U	210 U	140 U	48 U	50 U	190 U
4,4'-DDT	16.0	4.8 U	210 U	140 U	48 U	50 U	190 U
METHOXYCHLOR	80.0	24 U	1000 U	700 U	240 U	250 U	930 U
ENDRIN KETONE	16.0	4.8 U	210 U	140 U	48 U	50 U	190 U
ALPHA-CHLORODANE	80.0	24 U	1000 U	700 U	240 U	250 U	930 U
GAMMA-CHLORODANE	80.0	24 U	1000 U	700 U	240 U	250 U	930 U
TOXAPHENE	160.0	48 U	2100 U	1400 U	490 U	500 U	1900 U
AROCLOR 1016	80.0	24 U	1000 U	700 U	240 U	250 U	930 U
AROCLOR 1221	80.0	24 U	1000 U	700 U	240 U	250 U	930 U
AROCLOR 1232	80.0	24 U	1000 U	700 U	240 U	250 U	930 U
AROCLOR 1242	80.0	24 U	1000 U	700 U	240 U	250 U	930 U
AROCLOR 1248	80.0	24 U	1000 U	700 U	240 U	250 U	930 U
AROCLOR 1254	160.0	48 U	2100 U	1400 U	490 U	500 U	1900 U
AROCLOR 1260	160.0	660 J	2100 U	1400 U	12000 J	25000	1900 U

% MOISTURE:	17.7	80.8	71.6	18.5	20	78.7
DILUTION FACTOR:	1.0	10.0	10.0	10.0	10.0	10.0
DATE SAMPLED:	6/24/91	6/25/91	6/25/91	6/24/91	6/24/91	6/24/91
DATE EXTRACTED:	7/01/91	7/01/91	7/01/91	7/01/91	7/01/91	7/01/91
DATE ANALYZED:	8/06/91	8/08/91	8/08/91	8/06/91	8/07/91	8/06/91
ASSOCIATED BLANKS:						

INORGANIC ANALYSIS (mg/kg)
 SITE: CAMP LEJEUNE - SITE 07
 CASE: 5054
 LABORATORY:

SAMPLE LOCATION:	ANALYTICAL	SB01-0002	SB02-0002	SB02-0709	SB03-0002	SB04-0002	SB04-0709	SB05-0002	CRQL
SAMPLE NUMBER:	METHOD								
QC DESIGNATION:									
ALUMINUM	P	8590	3940	5030	8000	5810	2400	3380	40
ANTIMONY	P	8.5 UJ	5.2 UJ	5.4 UJ	23.2 UJ	5.0 UJ	5.5 UJ	5.2 UJ	12
ARSENIC	F	1.5 UJ	0.90 UJ	1.1 J	4.0 UJ	1.1 J	0.95 UJ	0.90 UJ	2
BARIUM	P	51.5	9.1	11.5	223	18.3	45.8	16.3	40
BERYLLIUM	P	1.3 J	0.23 UJ	0.24 UJ	2.1 J	0.26 J	0.68 J	0.22 UJ	1
CADMIUM	P	1.8	1.1	1.2	5.0	1.1	1.2	1.1	1
CALCIUM	P	4350	33.8 UJ	61.3 UJ	30300	58200	7490	13800	1000
CHROMIUM	P	9.9 J	4.2 J	8.6 J	7.4 J	4.4 J	5.4 J	5.0 J	2
COBALT	P	2.9	1.8	1.9	8.1	1.7	1.9	1.8	10
COPPER	P	4.5 UJ	0.90 UJ	0.94 UJ	4.7 UJ	1.0 UJ	0.95 UJ	3.1 UJ	5
IRON	P	5330	876	5490	4620	2450	981	1920	20
LEAD	F	114	3.0	4.8	40.0	4.5	2.4	13.9	0.6
MAGNESIUM	P	328	104	211	1150	265	99.9	252	1000
MANGANESE	P	10.3	5.0	4.5	69.0	13.9	8.7	12.8	3
MERCURY	CV	0.19	0.11	0.12	0.53	0.11	0.12	0.11	0.04
NICKEL	P	4.8	2.9	3.1	13.1	2.8	3.1	2.9	8
POTASSIUM	P	260 UJ	114	219 UJ	507	110	120	113	1000
SELENIUM	F	1.1 UJ	0.68 UJ	0.72 UJ	3.0 UJ	0.66 UJ	0.72 UJ	0.67 UJ	1
SILVER	P	1.1	0.68	0.96	3.0	0.66	0.72	0.67	2
SODIUM	P	76.2 UJ	18.1 UJ	22.9 UJ	106 UJ	41.1 UJ	26.6 UJ	38.2 UJ	1000
THALLIUM	F	0.76	0.45	0.48	2.0	0.44	0.48	0.45	2
TIN	P	NA	NA	NA	NA	NA	NA	NA	8
VANADIUM	P	13.9	4.8	9.8	18.1	6.2	5.4	5.7	10
ZINC	P	33.4 UJ	1.1	1.6 UJ	44.5	4.7 UJ	1.2	15.0 UJ	4
CYANIDE	C	0.95	0.58	0.62	2.5	0.55	0.61	0.56	2

% MOISTURE:	48.2	15.0	20.0	81.1	10.3	19.4	12.6
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/25/91	6/25/91	6/25/91	6/25/91	6/24/91	6/24/91	6/24/91
ASSOCIATED BLANKS:	07SB05-R	07SB05-R	07SB05-R	07SB05-R	07SB05-R	07SB05-R	07SB05-R
	54GW04-R	54GW04-R	54GW04-R	54GW04-R	54GW04-R	54GW04-R	54GW04-R
	54GW04-F	54GW04-F	54GW04-F	54GW04-F	54GW04-F	54GW04-F	54GW04-F

ANALYTICAL METHOD
 F - FURNACE
 P - ICP/FLAME AA
 CV - COLD VAPOR
 C - COLORMETRIC

J - QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED IN THE
 QUALITY CONTROL REVIEW (DATA REVIEW)
 R - VALUE IS REJECTED.
 -- VALUE IS NON-DETECTED
 NA- NOT ANALYZED

INORGANIC ANALYSIS (mg/kg)
 SITE: CAMP LEJEUNE - SITE 07
 CASE: 5054
 LABORATORY:

SAMPLE LOCATION:	ANALYTICAL	SB05-0002-D	SB05-1012	MW01-0002	MW01-0305	MW02-0002	MW02-7595	MW03-0002	CRQL
SAMPLE NUMBER:	METHOD	FIELD DUPLICATE							
QC DESIGNATION:									
ALUMINUM	P	3990	3640	7350	3220	7650	1030	9700	40
ANTIMONY	P	5.0 UJ	5.6 UJ	15.9 UJ	20.7 UJ	5.4 UJ	5.9 UJ	20.9 UJ	12
ARSENIC	F	0.91 UJ	1.4 J	3.8 J	3.7 UJ	1.7 J	1.5 J	3.8 UJ	2
BARIUM	P	15.5	51.8	110	72.8	14.2	6.6	71.0	40
BERYLLIUM	P	0.22 UJ	0.29 J	0.69 UJ	3.6 J	0.52 J	0.26 UJ	0.91 UJ	1
CADMIUM	P	1.1	1.2	3.5	4.5	1.2	1.3	4.5	1
CALCIUM	P	15500	3660	7180	9990	190	61.0 UJ	772	1000
CHROMIUM	P	5.3 J	12.5 J	10.6 J	10.1 J	8.3 J	5.2 J	6.0 J	2
COBALT	P	1.8	1.9	5.5	10.2	1.9	2.1	7.3	10
COPPER	P	3.1 UJ	1.7 UJ	2.9 UJ	3.6 UJ	0.94 UJ	1.0 UJ	7.6 UJ	5
IRON	P	2130	2150	4720	1560	3250	2120	1940	20
LEAD	F	11.1	9.1	43.2	17.0	6.4	2.5	34.4	0.6
MAGNESIUM	P	299	168	731	541	207	46.6 UJ	380	1000
MANGANESE	P	14.3	12.5	14.6	47.7	3.2	3.0	11.5	3
MERCURY	CV	0.11	0.12	0.35	0.45	0.12	0.13	0.48	0.04
NICKEL	P	2.8	3.1	9.0	11.7	3.0	3.4	11.8	8
POTASSIUM	P	110	122	622 UJ	452	118	130	456	1000
SELENIUM	F	0.74 J	0.71 UJ	2.1 UJ	2.7 UJ	0.70 UJ	0.75 UJ	2.8 UJ	1
SILVER	P	0.66	0.73	2.1	2.7	0.70	0.97	2.7	2
SODIUM	P	44.1 UJ	34.0 UJ	754	1020	28.6 UJ	32.0 UJ	127 UJ	1000
THALLIUM	F	0.46	0.47	1.4	1.8	0.47	0.50	1.9	2
TIN	P	NA	NA	NA	NA	NA	NA	NA	8
VANADIUM	P	5.4	6.3	12.5	4.5	8.8	5.5	4.5	10
ZINC	P	16.0 UJ	6.8 UJ	12.9 UJ	4.5	2.0 UJ	1.3	8.6 UJ	4
CYANIDE	C	0.51	0.61	1.7	2.3	0.59	0.60	2.3	2

% MOISTURE:	13.0	19.0	71.7	78.8	17.9	23.3	79.0
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/24/91	6/24/91	6/25/91	6/25/91	6/24/91	6/24/91	6/24/91
ASSOCIATED BLANKS:	07SB05-R	07SB05-R	07SB05-R	07SB05-R	07SB05-R	07SB05-R	07SB05-R
	54GW04-R	54GW04-R	54GW04-R	54GW04-R	54GW04-R	54GW04-R	54GW04-R
	54GW04-F	54GW04-F	54GW04-F	54GW04-F	54GW04-F	54GW04-F	54GW04-F

ANALYTICAL METHOD
 F - FURNACE
 P - ICP/FLAME AA
 CV - COLD VAPOR
 C - COLORMETRIC

SITE 7
GROUNDWATER DATA

VOLATILE ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - SITE 07
 CASE: 5075

		GW01	GW02	GW02-D	GW03
SAMPLE LOCATION:					
SAMPLE NUMBER:					
QC DESIGNATION: CRQL				FIELD DUPLICATE	
CHLOROMETHANE	10	10 U	10 U	10 U	10 U
BROMOMETHANE	10	10 U	10 U	10 U	10 U
VINYL CHLORIDE	10	10 U	10 U	10 U	10 U
CHLOROETHANE	10	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	5	5 U	5 U	5 U	5 U
ACETONE	10	10 U	10 U	10 U	10 U
CARBON DISULFIDE	5	5 U	5 U	5 U	5 U
1,1-DICHLOROETHENE	5	5 U	5 U	5 U	5 U
1,1-DICHLOROETHANE	5	5 U	5 U	5 U	5 U
1,2-DICHLOROETHENE (TOTAL)	5	5 U	5 U	5 U	5 U
CHLOROPORM	5	5 U	3 UJ	5 U	5 U
1,2-DICHLOROETHANE	5	5 U	5 U	5 U	5 U
2-BUTANONE	10	10 U	10 U	10 U	10 U
1,1,1-TRICHLOROETHANE	5	5 U	5 U	5 U	5 U
CARBON TETRACHLORIDE	5	5 U	5 U	5 U	5 U
VINYL ACETATE	10	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	5	5 U	5 U	5 U	5 U
1,2-DICHLOROPROPANE	5	5 U	5 U	5 U	5 U
CIS-1,3-DICHLOROPROPENE	5	5 U	5 U	5 U	5 U
TRICHLOROETHENE	5	5 U	5 U	5 U	5 U
DIBROMOCHLOROMETHANE	5	5 U	5 U	5 U	5 U
1,1,2-TRICHLOROETHANE	5	5 U	5 U	5 U	5 U
BENZENE	5	5 U	5 U	5 U	5 U
TRANS-1,3-DICHLOROPROPENE	5	5 U	5 U	5 U	5 U
BROMOPORM	5	5 U	5 U	5 U	5 U
4-METHYL-2-PENTANONE	10	10 U	10 U	10 U	10 U
2-HEXANONE	10	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	5	5 U	5 U	5 U	5 U
1,1,2,2-TETRACHLOROETHANE	5	5 U	5 U	5 U	5 U
TOLUENE	5	5 U	5 U	5 U	5 U
CHLOROBENZENE	5	5 U	5 U	5 U	5 U
ETHYL BENZENE	5	5 U	5 U	5 U	5 U
STYRENE	5	5 U	5 U	5 U	5 U
TOTAL XYLENES	5	5 U	5 U	5 U	5 U
% MOISTURE:					
DILUTION FACTOR:		1.0	1.0	1.0	1.0
DATE SAMPLED:		6/26/91	6/26/91	6/26/91	6/26/91
DATE ANALYZED:		7/10/91	7/10/91	7/10/91	7/10/91
ASSOCIATED BLANKS:		07GW03-T	07GW03-T	07GW03-T	07GW03-T
		07GW03-R	07GW03-R	07GW03-R	07GW03-R
		80GW02-R	80GW02-R	80GW02-R	80GW02-R
		82GW01-F	82GW01-F	82GW01-F	82GW01-F
		82GW31-R	82GW31-R	82GW31-R	82GW31-R
		DECON-F	DECON-F	DECON-F	DECON-F

SEMIVOLATILE AQUEOUS ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - SITE 07

CASE: 5075

SAMPLE LOCATION:	GW01	GW02	GW02-D	GW03
SAMPLE NUMBER:				
QC DESIGNATION: CRQL			FIELD DUPLICATE	
PHENOL	10	10 U	10 U	11 U
BIS(2-CHLOROETHYL)ETHER	10	10 U	10 U	11 U
2-CHLOROPHENOL	10	10 U	10 U	11 U
1,3-DICHLOROBENZENE	10	10 U	10 U	11 U
1,4-DICHLOROBENZENE	10	10 U	10 U	11 U
BENZYL ALCOHOL	10	10 U	10 U	11 U
1,2-DICHLOROBENZENE	10	10 U	10 U	11 U
2-METHYLPHENOL	10	10 U	10 U	11 U
BIS(2-CHLOROISOPROPYL)ETHER	10	10 U	10 U	11 U
4-METHYLPHENOL	10	10 U	10 U	11 U
N-NITROSODI-N-PROPYLAMINE	10	10 U	10 U	11 U
HEXACHLOROETHANE	10	10 U	10 U	11 U
NITROBENZENE	10	10 U	10 U	11 U
ISOPHORONE	10	10 U	10 U	11 U
2-NITROPHENOL	10	10 U	10 U	11 U
2,4-DIMETHYLPHENOL	10	10 U	10 U	11 U
BENZOIC ACID	50	9 J	52 U	12 J
BIS(2-CHLOROETHOXY)METHANE	10	10 U	10 U	11 U
2,4-DICHLOROPHENOL	10	10 U	10 U	11 U
1,2,4-TRICHLOROBENZENE	10	10 U	10 U	11 U
NAPHTHALENE	10	10 U	10 U	11 U
4-CHLORANILINE	10	10 U	10 U	11 U
HEXACHLOROBUTADIENE	10	10 U	10 U	11 U
4-CHLORO-3-METHYLPHENOL	10	10 U	10 U	11 U
2-METHYLNAPHTHALENE	10	10 U	10 U	11 U
HEXACHLOROCYCLOPENTADIENE	10	10 U	10 U	11 U
2,4,6-TRICHLOROPHENOL	10	10 U	10 U	11 U
2,4,5-TRICHLOROPHENOL	50	52 U	52 U	54 U
2-CHLORONAPHTHALENE	10	10 U	10 U	11 U
2-NITROANILINE	50	52 U	52 U	54 U
DIMETHYL PHTHALATE	10	10 U	10 U	11 U
ACENAPHTHYLENE	10	10 U	10 U	11 U
2,6-DINITROTOLUENE	10	10 U	10 U	11 U
3-NITROANILINE	50	52 U	52 U	54 U
ACENAPHTHENE	10	10 U	10 U	11 U
2,4-DINITROPHENOL	50	52 U	52 U	54 U
4-NITROPHENOL	50	52 U	52 U	54 U

SEMIVOLATILE AQUEOUS ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - SITE 07

CASE: 5075

SAMPLE LOCATION:	GW01	GW02	GW02-D	GW03
SAMPLE NUMBER:				
QC DESIGNATION: CRQL			FIELD DUPLICATE	
DIBENZOFURAN	10	10 U	10 U	11 U
2,4-DINITROTOLUENE	10	10 U	10 U	11 U
DIETHYL PHTHALATE	10	10 U	10 U	11 U
4-CHLOROPHENYL-PHENYLETHER	10	10 U	10 U	11 U
FLUORENE	10	10 U	10 U	11 U
4-NITROANILINE	50	52 U	52 U	54 U
4,6-DINITRO-2-METHYLPHENOL	50	52 U	52 U	54 U
N-NITROSODIPHENYLAMINE	10	10 U	10 U	11 U
4-BROMOPHENYL-PHENYLETHER	10	10 U	10 U	11 U
HEXACHLOROBENZENE	10	10 U	10 U	11 U
PENTACHLOROPHENOL	50	52 U	52 U	54 U
PHENANTHRENE	10	10 U	10 U	11 U
ANTHRACENE	10	10 U	10 U	11 U
DI-N-BUTYLPHTHALATE	10	10 U	10 U	11 U
FLUORANTHENE	10	10 U	10 U	11 U
PYRENE	10	10 U	10 U	11 U
BUTYLBENZYLPHTHALATE	10	10 U	10 U	11 U
3,3'-DICHLOROBENZIDINE	20	21 U	21 U	22 U
BENZO(a)ANTHRACENE	10	10 U	10 U	11 U
CHRYSENE	10	10 U	10 U	11 U
BIS(2-ETHYLHEXYL)PHTHALATE	10	10 U	10 UJ	11 U
DI-N-OCTYLPHTHALATE	10	10 U	10 U	11 U
BENZO(b)FLUORANTHENE	10	10 U	10 U	11 U
BENZO(k)FLUORANTHENE	10	10 U	10 U	11 U
BENZO(a)PYRENE	10	10 U	10 U	11 U
INDENO(1,2,3-cd)PYRENE	10	10 U	10 U	11 U
DIBENZ(a,h)ANTHRACENE	10	10 U	10 U	11 U
BENZO(ghi)PERYLENE	10	10 U	10 U	11 U

% MOISTURE:

DILUTION FACTOR:	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/26/91	6/26/91	6/26/91	6/26/91
DATE EXTRACTED:	7/01/91	7/01/91	7/01/91	7/01/91
DATE ANALYZED:	8/02/91	8/02/91	8/02/91	8/02/91
ASSOCIATED BLANKS:	07GW03-F	07GW03-F	07GW03-F	07GW03-F
	07GW03-R	07GW03-R	07GW03-R	07GW03-R
	DECON-F	DECON-F	DECON-F	DECON-F

PESTICIDE/PCB AQUEOUS ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - SITE 07
 CASE: 5075

		GW01	GW02	GW02-D	GW03
	SAMPLE LOCATION:				
	SAMPLE NUMBER:				
	QC DESIGNATION: CRQL			FIELD DUPLICATE	
ALPHA-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U
BETA-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U
DELTA-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U
GAMMA-BHC (LINDANE)	0.05	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR	0.05	0.05 U	0.05 U	0.05 U	0.05 U
ALDRIN	0.05	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR EPOXIDE	0.05	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN I	0.05	0.05 U	0.05 U	0.05 U	0.05 U
DIELDRIN	0.10	0.10 U	0.72	0.54	0.10 U
4,4'-DDE	0.10	0.10 U	0.10 U	0.10 U	0.10 U
ENDRIN	0.10	0.10 U	0.10 U	0.10 U	0.10 U
ENDOSULFAN II	0.10	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDD	0.10	0.10 U	0.10 U	0.10 U	0.10 U
ENDOSULFAN SULFATE	0.10	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	0.10	0.10 U	0.10 U	0.10 U	0.10 U
METHOXYCHLOR	0.5	0.49 U	0.50 U	0.50 U	0.50 U
ENDRIN KETONE	0.10	0.10 U	0.12	0.10 U	0.10 U
ALPHA-CHLORODANE	0.5	0.49 U	0.50 U	0.50 U	0.50 U
GAMMA-CHLORODANE	0.5	0.49 U	0.50 U	0.50 U	0.50 U
TOXAPHENE	1.0	0.98 U	1.0 U	1.0 U	1.0 U
AROCLOR 1016	0.5	0.49 U	0.50 U	0.50 U	0.50 U
AROCLOR 1221	0.5	0.49 U	0.50 U	0.50 U	0.50 U
AROCLOR 1232	0.5	0.49 U	0.50 U	0.50 U	0.50 U
AROCLOR 1242	0.5	0.49 U	0.50 U	0.50 U	0.50 U
AROCLOR 1248	0.5	0.49 U	0.50 U	0.50 U	0.50 U
AROCLOR 1254	1.0	0.98 U	1.0 U	1.0 U	1.0 U
AROCLOR 1260	1.0	0.98 U	1.0 U	1.0 U	1.0 U

% MOISTURE:					
DILUTION FACTOR:		1.0	1.0	1.0	1.0
DATE SAMPLED:		6/26/91	6/26/91	6/26/91	6/26/91
DATE EXTRACTED:		7/03/91	7/03/91	7/04/91	7/03/91
DATE ANALYZED:		8/08/91	8/08/91	8/12/91	8/08/91
ASSOCIATED BLANKS:		07GW03-R	07GW03-R	07GW03-R	07GW03-R
		07GW03-F	07GW03-F	07GW03-F	07GW03-F
		80GW02-R	80GW02-R	80GW02-R	80GW02-R
		82GW01-F	82GW01-F	82GW01-F	82GW01-F
		82GW31-R	82GW31-R	82GW31-R	82GW31-R
		DECON-F	DECON-F	DECON-F	DECON-F

INORGANIC AQUEOUS ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - SITE 07
 CASE: 5075
 LABORATORY:

SAMPLE LOCATION:	ANALYTICAL	GW01	GW02	GW02-D	GW03	
SAMPLE NUMBER:	METHOD					
QC DESIGNATION:				FIELD DUPLICATE		CRQL
ALUMINUM	P	29000 J	113000 J	160000 J	98500 J	200
ANTIMONY	P	17.0 U	53.0	42.2	17.0 U	60
ARSENIC	F	3.0 UJ	43.4 J	16.7 UJ	4.7 UJ	10
BARIUM	P	427	641	771	428	200
BERYLLIUM	P	3.1 J	10.3 J	8.4 J	2.0 UJ	5
CADMIUM	P	5.0 UJ	5.0 UJ	22.3 J	5.0 UJ	5
CALCIUM	P	51300 UJ	6640 UJ	7500 UJ	5050 UJ	5000
CHROMIUM	P	47.8	220	282	124	10
COBALT	P	21.7	7.5	11.7	5.0 U	50
COPPER	P	17.7	34.0	49.2	36.4	25
IRON	P	28600	227000	228000	26400	100
LEAD	F	37.3 J	23.0 J	42.7 J	30.3 J	3
MAGNESIUM	P	13500	5750 UJ	7860 UJ	5090 UJ	5000
MANGANESE	P	220 J	78.9 J	106 J	56.9 J	15
MERCURY	CV	0.20 U	0.23	0.25	0.36	0.2
NICKEL	P	32.3 UJ	29.6 UJ	29.1 UJ	37.7 UJ	40
POTASSIUM	P	5450 UJ	5580 UJ	7680	4640 UJ	5000
SELENIUM	F	3.4 J	3.0 UJ	3.0 UJ	30.0 UJ	5
SILVER	P	3.0 UJ	2.0 U	2.0 U	2.3 UJ	10
SODIUM	P	156000	9590 UJ	9840 UJ	7040 UJ	5000
THALLIUM	F	10.0 UJ	2.0 U	2.0 U	2.0 U	10
TIN	P	NA	NA	NA	NA	40
VANADIUM	P	37.8	423	460	152	50
ZINC	P	83.6 J	133 J	168 J	86.4 J	20
CYANIDE	C	10.0 UJ	10.0 UJ	10.0 UJ	10.0 UJ	10

% SOLIDS:
 DILUTION FACTOR: 1.0 1.0 1.0 1.0
 DATE SAMPLED: 6/26/91 6/26/91 6/26/91 6/26/91
 ASSOCIATED BLANKS:

ANALYTICAL METHOD
 F - FURNACE
 P - ICP/FLAME AA
 CV - COLD VAPOR
 C - COLORMETRIC

J - QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED IN THE
 QUALITY CONTROL REVIEW (DATA REVIEW)
 R - VALUE IS REJECTED.
 -- VALUE IS NON-DETECTED
 NA- NOT ANALYZED

DOC.No.: CLEJ-00702-4.08-04/16/92

SITE 54
CRASH CREW BURN PIT
CHEMICAL ANALYTICAL RESULTS

SITE 54
SOIL DATA

VOLATILE ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 54
 CASE: 4961

SAMPLE LOCATION:	SB01-0002	SB01-0709	SB01-0709-D	SB02-0002	SB02-1012	MW04-0002	MW04-0709
SAMPLE NUMBER:							
QC DESIGNATION: CRQL			FIELD DUPLICATE				
CHLOROMETHANE	10	NA	NA	NA	NA	NA	NA
BROMOMETHANE	10	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	10	NA	NA	NA	NA	NA	NA
CHLOROETHANE	10	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	5	NA	NA	NA	NA	NA	NA
ACETONE	10	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	5	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	5	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	5	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHENE (TOTAL)	5	NA	NA	NA	NA	NA	NA
CHLOROFORM	5	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	5	NA	NA	NA	NA	NA	NA
2-BUTANONE	10	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	5	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	5	NA	NA	NA	NA	NA	NA
VINYL ACETATE	10	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	5	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	5	NA	NA	NA	NA	NA	NA
CIS-1,3-DICHLOROPROPENE	5	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	5	NA	NA	NA	NA	NA	NA
DIBROMOCHLOROMETHANE	5	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	5	NA	NA	NA	NA	NA	NA
BENZENE	5	5 U	5 U	5 U	11 U	5 J	5 U
TRANS-1,3-DICHLOROPROPENE	5	NA	NA	NA	NA	NA	NA
BROMOFORM	5	NA	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	10	NA	NA	NA	NA	NA	NA
2-HEXANONE	10	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	5	NA	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	5	NA	NA	NA	NA	NA	NA
TOLUENE	5	5 U	5 U	5 U	11 U	17	5 U
CHLOROBENZENE	5	NA	NA	NA	NA	NA	NA
ETHYL BENZENE	5	5 U	5 U	5 U	6 J	3 J	5 U
STYRENE	5	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	5	5 U	5 U	5 U	32	14	5 U
% MOISTURE:	7	6	8	8	20	5	8
DILUTION FACTOR:	1.0	1.0	1.0	2.0	1.0	1.0	1.0
DATE SAMPLED:	6/12/91	6/12/91	6/12/91	6/12/91	6/12/91	6/12/91	6/12/91
DATE ANALYZED:	6/20/91	6/20/91	6/20/91	6/20/91	6/20/91	6/20/91	6/20/91
ASSOCIATED BLANKS:	54SB02-T	54SB02-T	54SB02-T	54SB02-T	54SB02-T	54SB02-T	54SB02-T
	54SB02-R	54SB02-R	54SB02-R	54SB02-R	54SB02-R	54SB02-R	54SB02-R

DOC.No.: CLEJ-00702-4.08-04/16/92

PESTICIDE/PCB ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 54
 CASE: 4961

SAMPLE LOCATION: SB01-0002 SB01-0709 SB01-0709-D SB02-0002 SB02-1012 MW04-0002 MW04-0709
 SAMPLE NUMBER:
 QC DESIGNATION: CRQL FIELD DUPLICATE

ALPHA-BHC	8.0	NA	NA	NA	NA	NA	NA	NA
BETA-BHC	8.0	NA	NA	NA	NA	NA	NA	NA
DELTA-BHC	8.0	NA	NA	NA	NA	NA	NA	NA
GAMMA-BHC (LINDANE)	8.0	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	8.0	NA	NA	NA	NA	NA	NA	NA
ALDRIN	8.0	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	8.0	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	8.0	NA	NA	NA	NA	NA	NA	NA
DIELDRIN	16.0	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	16.0	NA	NA	NA	NA	NA	NA	NA
ENDRIN	16.0	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	16.0	NA	NA	NA	NA	NA	NA	NA
4,4'-DDD	16.0	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN SULFATE	16.0	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	16.0	NA	NA	NA	NA	NA	NA	NA
METHOXYCHLOR	80.0	NA	NA	NA	NA	NA	NA	NA
ENDRIN KETONE	16.0	NA	NA	NA	NA	NA	NA	NA
ALPHA-CHLORODANE	80.0	NA	NA	NA	NA	NA	NA	NA
GAMMA-CHLORDANE	80.0	NA	NA	NA	NA	NA	NA	NA
TOXAPHENE	160.0	NA	NA	NA	NA	NA	NA	NA
AROCLOR 1016	80.0	18 U	18 U	18 U	18 U	20 U	22 U	18 U
AROCLOR 1221	80.0	18 U	18 U	18 U	18 U	20 U	22 U	18 U
AROCLOR 1232	80.0	18 U	18 U	18 U	18 U	20 U	22 U	18 U
AROCLOR 1242	80.0	18 U	18 U	18 U	18 U	20 U	22 U	18 U
AROCLOR 1248	80.0	18 U	18 U	18 U	18 U	20 U	22 U	18 U
AROCLOR 1254	160.0	36 U	36 U	36 U	36 U	40 U	43 U	37 U
AROCLOR 1260	160.0	36 U	36 U	36 U	36 U	40 U	43 U	37 U

% MOISTURE:	7.0	8.0	8.0	8.0	18.0	23.0	10.0
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/12/91	6/12/91	6/12/91	6/12/91	6/12/91	6/12/91	6/12/91
DATE EXTRACTED:	6/17/91	6/17/91	6/17/91	6/17/91	6/17/91	6/17/91	6/17/91
DATE ANALYZED:	7/13/91	7/13/91	7/13/91	7/11/91	7/11/91	7/13/91	7/13/91
ASSOCIATED BLANKS:							

INORGANIC ANALYSIS (mg/kg)
 SITE: CAMP LEJEUNE - SITE 54
 CASE: 4961
 LABORATORY:

SAMPLE LOCATION:	ANALYTICAL	SB01-0002	SB01-0709	SB01-0709-D	SB02-0002	SB02-1012	MW04-0002	MW04-0709	CRQL
SAMPLE NUMBER:	METHOD								
QC DESIGNATION:				FIELD DUPLICATE					
ALUMINUM	P	NA	NA	NA	NA	NA	NA	NA	40
ANTIMONY	P	NA	NA	NA	NA	NA	NA	NA	12
ARSENIC	F	NA	NA	NA	NA	NA	NA	NA	2
BARIUM	P	NA	NA	NA	NA	NA	NA	NA	40
BERYLLIUM	P	NA	NA	NA	NA	NA	NA	NA	1
CADMIUM	P	NA	NA	NA	NA	NA	NA	NA	1
CALCIUM	P	NA	NA	NA	NA	NA	NA	NA	1000
CHROMIUM	P	NA	NA	NA	NA	NA	NA	NA	2
COBALT	P	NA	NA	NA	NA	NA	NA	NA	10
COPPER	P	NA	NA	NA	NA	NA	NA	NA	5
IRON	P	NA	NA	NA	NA	NA	NA	NA	20
LEAD	F	NA	NA	NA	NA	NA	NA	NA	0.6
MAGNESIUM	P	NA	NA	NA	NA	NA	NA	NA	1000
MANGANESE	P	NA	NA	NA	NA	NA	NA	NA	3
MERCURY	CV	NA	NA	NA	NA	NA	NA	NA	0.04
NICKEL	P	NA	NA	NA	NA	NA	NA	NA	8
POTASSIUM	P	NA	NA	NA	NA	NA	NA	NA	1000
SELENIUM	F	NA	NA	NA	NA	NA	NA	NA	1
SILVER	P	NA	NA	NA	NA	NA	NA	NA	2
SODIUM	P	NA	NA	NA	NA	NA	NA	NA	1000
THALLIUM	F	NA	NA	NA	NA	NA	NA	NA	2
TIN	P	NA	NA	NA	NA	NA	NA	NA	8
VANADIUM	P	NA	NA	NA	NA	NA	NA	NA	10
ZINC	P	NA	NA	NA	NA	NA	NA	NA	4
CYANIDE	C	NA	NA	NA	NA	NA	NA	NA	2
HEXAVALENT CHROMIUM	P	0.10 U	0.10 U	0.10 U	0.10 U	0.12 U	0.10 U	0.10 U	0.1
% MOISTURE:		7.8	7.0	8.9	8.9	10.2	5.6	8.3	
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0	1.0	
DATE SAMPLED:		6/12/91	6/12/91	6/12/91	6/12/91	6/12/91	6/12/91	6/12/91	
ASSOCIATED BLANKS:		54SB02-R	54SB02-R	54SB02-R	54SB02-R	54SB02-R	54SB02-R	54SB02-R	

ANALYTICAL METHOD
 F - FURNACE
 P - ICP/FLAME AA
 CV - COLD VAPOR
 C - COLORMETRIC

J - QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED IN THE
 QUALITY CONTROL REVIEW (DATA REVIEW)
 R - VALUE IS REJECTED.
 -- VALUE IS NON-DETECTED
 NA- NOT ANALYZED

SITE 54
GROUNDWATER DATA

VOLATILE ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - SITE 54
 CASE: 5054/5064

SAMPLE LOCATION:	GW02	GW02-D	GW03	GW04
SAMPLE NUMBER:				
QC DESIGNATION: CRQL		FIELD DUPLICATE		
CHLOROMETHANE	10	NA	NA	NA
BROMOMETHANE	10	NA	NA	NA
VINYL CHLORIDE	10	NA	NA	NA
CHLOROETHANE	10	NA	NA	NA
METHYLENE CHLORIDE	5	NA	NA	NA
ACETONE	10	NA	NA	NA
CARBON DISULFIDE	5	NA	NA	NA
1,1-DICHLOROETHENE	5	NA	NA	NA
1,1-DICHLOROETHANE	5	NA	NA	NA
1,2-DICHLOROETHENE (TOTAL)	5	NA	NA	NA
CHLOROFORM	5	NA	NA	NA
1,2-DICHLOROETHANE	5	NA	NA	NA
2-BUTANONE	10	NA	NA	NA
1,1,1-TRICHLOROETHANE	5	NA	NA	NA
CARBON TETRACHLORIDE	5	NA	NA	NA
VINYL ACETATE	10	NA	NA	NA
BROMODICHLOROMETHANE	5	NA	NA	NA
1,2-DICHLOROPROPANE	5	NA	NA	NA
CIS-1,3-DICHLOROPROPENE	5	NA	NA	NA
TRICHLOROETHENE	5	NA	NA	NA
DIBROMOCHLOROMETHANE	5	NA	NA	NA
1,1,2-TRICHLOROETHANE	5	NA	NA	NA
BENZENE	5	5 U	5 U	5 U
TRANS-1,3-DICHLOROPROPENE	5	NA	NA	NA
BROMOFORM	5	NA	NA	NA
4-METHYL-2-PENTANONE	10	NA	NA	NA
2-HEXANONE	10	NA	NA	NA
TETRACHLOROETHENE	5	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	5	NA	NA	NA
TOLUENE	5	5 U	5 U	5 U
CHLOROBENZENE	5	NA	NA	NA
ETHYL BENZENE	5	5 U	5 U	5 U
STYRENE	5	NA	NA	NA
TOTAL XYLENES	5	5 U	5 U	5 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/25/91	6/25/91	6/26/91	6/25/91
DATE ANALYZED:	7/08/91	7/08/91	7/10/91	7/08/91
ASSOCIATED BLANKS:	54GW04-F 54GW04-R	54GW04-F 54GW04-R	54GW03-T 54SD03-R	54GW04-F 54GW04-R

PESTICIDE/PCB AQUEOUS ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - SITE 54
 CASE: 5054/5064

		GW02	GW02-D	GW03	GW04
SAMPLE LOCATION:					
SAMPLE NUMBER:					
QC DESIGNATION: CRQL			FIELD DUPLICATE		
ALPHA-BHC	0.05	NA	NA	NA	NA
BETA-BHC	0.05	NA	NA	NA	NA
DELTA-BHC	0.05	NA	NA	NA	NA
GAMMA-BHC (LINDANE)	0.05	NA	NA	NA	NA
HEPTACHLOR	0.05	NA	NA	NA	NA
ALDRIN	0.05	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	0.05	NA	NA	NA	NA
ENDOSULFAN I	0.05	NA	NA	NA	NA
DIELDRIN	0.10	NA	NA	NA	NA
4,4'-DDE	0.10	NA	NA	NA	NA
ENDRIN	0.10	NA	NA	NA	NA
ENDOSULFAN II	0.10	NA	NA	NA	NA
4,4'-DDD	0.10	NA	NA	NA	NA
ENDOSULFAN SULFATE	0.10	NA	NA	NA	NA
4,4'-DDT	0.10	NA	NA	NA	NA
METHOXYCHLOR	0.5	NA	NA	NA	NA
ENDRIN KETONE	0.10	NA	NA	NA	NA
ALPHA-CHLORODANE	0.5	NA	NA	NA	NA
GAMMA-CHLORDANE	0.5	NA	NA	NA	NA
TOXAPHENE	1.0	NA	NA	NA	NA
AROCLOR 1016	0.5	0.50 U	0.50 U	0.50 U	0.50 U
AROCLOR 1221	0.5	0.50 U	0.50 U	0.50 U	0.50 U
AROCLOR 1232	0.5	0.50 U	0.50 U	0.50 U	0.50 U
AROCLOR 1242	0.5	0.50 U	0.50 U	0.50 U	0.50 U
AROCLOR 1248	0.5	0.50 U	0.50 U	0.50 U	0.50 U
AROCLOR 1254	1.0	1.0 U	1.0 U	1.0 U	1.0 U
AROCLOR 1260	1.0	1.0 U	1.0 U	1.0 U	1.0 U

DILUTION FACTOR:	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/25/91	6/25/91	6/26/91	6/25/91
DATE EXTRACTED:	6/28/91	6/28/91	6/28/91	6/28/91
DATE ANALYZED:	7/31/91	7/31/91	7/31/91	7/31/91
ASSOCIATED BLANKS:	54GW04-F	54GW04-F	54GW04-F	54GW04-F
	54GW04-R	54GW04-R	54GW04-R	54GW04-R
	54SD03-R	54SD03-R	54SD03-R	54SD03-R

INORGANIC AQUEOUS ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - SITE 54

CASE: 5054/5064

LABORATORY:

SAMPLE LOCATION:	ANALYTICAL	GW02	GW02-D	GW03	GW04	
SAMPLE NUMBER:	METHOD					
QC DESIGNATION:			FIELD DUPLICATE			CRQL
ALUMINUM	P	47200	NA	8500	283000	200
ANTIMONY	P	38.8	NA	17.0 U	86.5 J	60
ARSENIC	F	60.5 J	NA	9.0	12.6 J	10
BARIUM	P	147	NA	53.6	789 J	200
BERYLLIUM	P	15.5	NA	2.0 U	30.2	5
CADMIUM	P	11.4 J	NA	5.8	18.8 J	5
CALCIUM	P	218000	NA	145000	3290000	5000
CHROMIUM	P	157 J	NA	63.7	482 J	10
COBALT	P	103	NA	10.4	179	50
COPPER	P	48.9 UJ	NA	8.5	151 J	25
IRON	P	87200 J	NA	28600	475000 J	100
LEAD	F	32.4	NA	6.5 J	18.0	3
MAGNESIUM	P	11100	NA	5290	101000	5000
MANGANESE	P	661 J	NA	1310	5050 J	15
MERCURY	CV	0.20	NA	0.20 U	0.40	0.2
NICKEL	P	149	NA	25.6	405 J	40
POTASSIUM	P	6570	NA	4810	35700	5000
SELENIUM	F	3.9 UJ	NA	2.0 UJ	R	5
SILVER	P	11.8	NA	2.0 U	64.8 J	10
SODIUM	P	4730	NA	5300	11000 J	5000
THALLIUM	F	2.0 UJ	NA	2.0 UJ	2.0 J	10
TIN	P	NA	NA	NA	NA	40
VANADIUM	P	146 J	NA	52.9	462 J	50
ZINC	P	294 J	NA	66.3	965 J	20
CYANIDE	C	R	NA	10.0 U	R	10
HEXAVALENT CHROMIUM	P	10.0 U	10.0	10.0 U	100 UJ	10

DILUTION FACTOR:

DATE SAMPLED:

ASSOCIATED BLANKS:

1.0

1.0

1.0

1.0

6/25/91

6/25/91

6/26/91

6/25/91

54GW04-R

54GW04-R

54SD03-R

54GW04-R

54GW04-F

54GW04-F

54GW04-F

ANALYTICAL METHOD

F - FURNACE
P - ICP/FLAME AA
CV - COLD VAPOR
C - COLORMETRIC

J - QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED IN THE
QUALITY CONTROL REVIEW (DATA REVIEW)
R - VALUE IS REJECTED.
-- VALUE IS NON-DETECTED
NA- NOT ANALYZED

SITE 54
SURFACE WATER DATA

VOLATILE ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - SITE 54
 CASE: 5019/5064

		SW01	SW01-D	SW02	SW03
SAMPLE LOCATION:					
SAMPLE NUMBER:					
QC DESIGNATION: CRQL			FIELD DUPLICATE		
CHLOROMETHANE	10	NA	NA	NA	NA
BROMOMETHANE	10	NA	NA	NA	NA
VINYL CHLORIDE	10	NA	NA	NA	NA
CHLOROETHANE	5	NA	NA	NA	NA
METHYLENE CHLORIDE	5	NA	NA	NA	NA
ACETONE	10	NA	NA	NA	NA
CARBON DISULFIDE	5	NA	NA	NA	NA
1,1-DICHLOROETHENE	5	NA	NA	NA	NA
1,1-DICHLOROETHANE	5	NA	NA	NA	NA
1,2-DICHLOROETHENE (TOTAL)	5	NA	NA	NA	NA
CHLOROFORM	5	NA	NA	NA	NA
1,2-DICHLOROETHANE	5	NA	NA	NA	NA
2-BUTANONE	10	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	5	NA	NA	NA	NA
CARBON TETRACHLORIDE	5	NA	NA	NA	NA
VINYL ACETATE	10	NA	NA	NA	NA
BROMODICHLOROMETHANE	5	NA	NA	NA	NA
1,2-DICHLOROPROPANE	5	NA	NA	NA	NA
CIS-1,3-DICHLOROPROPENE	5	NA	NA	NA	NA
TRICHLOROETHENE	5	NA	NA	NA	NA
DIBROMOCHLOROMETHANE	5	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	5	NA	NA	NA	NA
BENZENE	5	5 U	5 U	5 U	5 U
TRANS-1,3-DICHLOROPROPENE	5	NA	NA	NA	NA
BROMOFORM	5	NA	NA	NA	NA
4-METHYL-2-PENTANONE	10	NA	NA	NA	NA
2-HEXANONE	10	NA	NA	NA	NA
TETRACHLOROETHENE	5	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	5	NA	NA	NA	NA
TOLUENE	5	5 U	5 U	5 U	5 U
CHLOROBENZENE	5	NA	NA	NA	NA
ETHYL BENZENE	5	5 U	5 U	5 U	5 U
STYRENE	5	NA	NA	NA	NA
TOTAL XYLENES	5	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0
DATE SAMPLED:		6/19/91	6/19/91	6/26/91	6/26/91
DATE ANALYZED:		6/26/91	6/26/91	7/10/91	7/10/91
ASSOCIATED BLANKS:		54SW01-R	54SW01-R	54SD03-R	54SD03-R
		54SD01-R	54SD01-R	54GW03-T	54GW03-T

PESTICIDE/PCB AQUEOUS ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - SITE 54
 CASE: 5019/5064

		SW01	SW01-D	SW02	SW03
	SAMPLE LOCATION:				
	SAMPLE NUMBER:				
	QC DESIGNATION: CRQL		FIELD DUPLICATE		
ALPHA-BHC	0.05	NA	NA	NA	NA
BETA-BHC	0.05	NA	NA	NA	NA
DELTA-BHC	0.05	NA	NA	NA	NA
GAMMA-BHC (LINDANE)	0.05	NA	NA	NA	NA
HEPTACHLOR	0.05	NA	NA	NA	NA
ALDRIN	0.05	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	0.05	NA	NA	NA	NA
ENDOSULFAN I	0.05	NA	NA	NA	NA
DIELDRIN	0.10	NA	NA	NA	NA
4,4'-DDE	0.10	NA	NA	NA	NA
ENDRIN	0.10	NA	NA	NA	NA
ENDOSULFAN II	0.10	NA	NA	NA	NA
4,4'-DDD	0.10	NA	NA	NA	NA
ENDOSULFAN SULFATE	0.10	NA	NA	NA	NA
4,4'-DDT	0.10	NA	NA	NA	NA
METHOXYCHLOR	0.5	NA	NA	NA	NA
ENDRIN KETONE	0.10	NA	NA	NA	NA
ALPHA-CHLORODANE	0.5	NA	NA	NA	NA
GAMMA-CHLORDANE	0.5	NA	NA	NA	NA
TOXAPHENE	1.0	NA	NA	NA	NA
AROCLOR 1016	0.5	0.51 U	0.57 U	0.50 U	0.50 U
AROCLOR 1221	0.5	0.51 U	0.57 U	0.50 U	0.50 U
AROCLOR 1232	0.5	0.51 U	0.57 U	0.50 U	0.50 U
AROCLOR 1242	0.5	0.51 U	0.57 U	0.50 U	0.50 U
AROCLOR 1248	0.5	0.51 U	0.57 U	0.50 U	0.50 U
AROCLOR 1254	1.0	1.0 U	1.1 U	1.0 U	1.0 U
AROCLOR 1260	1.0	1.0 U	1.1 U	1.0 U	1.0 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0
DATE SAMPLED:		6/19/91	6/19/91	6/26/91	6/26/91
DATE EXTRACTED:		6/24/91	6/24/91	6/28/91	6/28/91
DATE ANALYZED:		7/24/91	7/24/91	8/01/91	8/01/91
ASSOCIATED BLANKS:		54SW01-R	54SW01-R	54SD03-R	54SD03-R
		54SD01-R	54SD01-R	54GW04-R	54GW04-R
		54SB02-R	54SB02-R	54GW04-F	54GW04-F

INORGANIC AQUEOUS ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - SITE 54
 CASE: 5019/5064
 LABORATORY:

SAMPLE LOCATION:	ANALYTICAL	SW01	SW01-D	SW02	SW03	
SAMPLE NUMBER:	METHOD					
QC DESIGNATION:			FIELD DUPLICATE			CRQL
ALUMINUM	P	171	154	803	13.0 U	200
ANTIMONY	P	17.0 U	17.0 U	17.0 U	17.0 U	60
ARSENIC	F	4.0 UJ	4.0 UJ	4.0 U	4.0 U	10
BARIUM	P	19.2	19.8	12.4	1.3 UJ	200
BERYLLIUM	P	2.0 U	2.0 U	2.0 U	2.0 U	5
CADMIUM	P	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5
CALCIUM	P	16700	18500	37100	101	5000
CHROMIUM	P	5.2 J	4.0 UJ	4.0 U	4.0 U	10
COBALT	P	5.0 U	5.0 U	5.0 U	5.0 U	50
COPPER	P	8.8 J	5.3 J	5.0 U	5.0 U	25
IRON	P	2840 J	2670	414	7.8	100
LEAD	F	1.9 UJ	1.3 UJ	2.5 J	2.0 U	3
MAGNESIUM	P	1610	1760	2250	17.1	5000
MANGANESE	P	48.5 J	50.0 J	4.7	2.0 U	15
MERCURY	CV	0.20 U	0.20 U	0.20 U	0.20 U	0.2
NICKEL	P	11.8 UJ	8.0 UJ	8.0 U	8.0 U	40
POTASSIUM	P	1300 J	2120 J	4980	1010 UJ	5000
SELENIUM	F	4.0 UJ	4.0 UJ	2.0 UJ	2.0 UJ	5
SILVER	P	2.0 U	2.0 U	2.0 U	2.0 U	10
SODIUM	P	4630	4710 UJ	1110	62.0 UJ	5000
THALLIUM	F	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	10
TIN	P	NA	NA	NA	NA	40
VANADIUM	P	3.7	3.1	7.4	3.0 U	50
ZINC	P	16.3 J	9.9 J	22.6	12.4 UJ	20
CYANIDE	C	10.0 U	10.0 U	10.0 U	10.0 U	10
HEXAVALENT CHROMIUM	P	10.0 U	10.0 U	10.0 U	10.0 U	10

DILUTION FACTOR:	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/19/91	6/19/91	6/26/91	6/26/91
ASSOCIATED BLANKS:	54SW01-R	54SW01-R	54SD03-R	54SD03-R
	54SD01-R	54SD01-R		

ANALYTICAL METHOD
 F - FURNACE
 P - ICP/FLAME AA
 CV - COLD VAPOR
 C - COLORMETRIC

J - QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED IN THE QUALITY CONTROL REVIEW (DATA REVIEW)
 R - VALUE IS REJECTED.
 -- VALUE IS NON-DETECTED
 NA- NOT ANALYZED

SITE 54
SEDIMENT DATA

VOLATILE ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 54
 CASE: 5019/5064

	SD01	SD01-D	SD02	SD03	SD04	SD05
SAMPLE LOCATION:						
SAMPLE NUMBER:						
QC DESIGNATION: CRQL		FIELD DUPLICATE				
CHLOROMETHANE	10	NA	NA	NA	NA	NA
BROMOMETHANE	10	NA	NA	NA	NA	NA
VINYL CHLORIDE	10	NA	NA	NA	NA	NA
CHLOROETHANE	10	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	5	NA	NA	NA	NA	NA
ACETONE	10	NA	NA	NA	NA	NA
CARBON DISULFIDE	5	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	5	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	5	NA	NA	NA	NA	NA
1,2-DICHLOROETHENE (TOTAL)	5	NA	NA	NA	NA	NA
CHLOROPFORM	5	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	5	NA	NA	NA	NA	NA
2-BUTANONE	10	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	5	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	5	NA	NA	NA	NA	NA
VINYL ACETATE	10	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	5	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	5	NA	NA	NA	NA	NA
CIS-1,3-DICHLOROPROPENE	5	NA	NA	NA	NA	NA
TRICHLOROETHENE	5	NA	NA	NA	NA	NA
DIBROMOCHLOROMETHANE	5	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	5	NA	NA	NA	NA	NA
BENZENE	5	7 UJ	7 UJ	8 UJ	7 UJ	8 UJ
TRANS-1,3-DICHLOROPROPENE	5	NA	NA	NA	NA	NA
BROMOPFORM	5	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	10	NA	NA	NA	NA	NA
2-HEXANONE	10	NA	NA	NA	NA	NA
TETRACHLOROETHENE	5	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	5	NA	NA	NA	NA	NA
TOLUENE	5	170 J	39 UJ	8 UJ	5 J	15 UJ
CHLOROBENZENE	5	NA	NA	NA	NA	NA
ETHYL BENZENE	5	7 UJ	7 UJ	8 UJ	6 J	8 UJ
STYRENE	5	NA	NA	NA	NA	NA
TOTAL XYLENES	5	7 UJ	7 UJ	9 J	70 J	6 J
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1
DATE SAMPLED:	6/19/91	6/19/91	6/26/91	6/26/91	6/19/91	6/19/91
DATE ANALYZED:	7/01/91	7/01/91	7/07/91	7/06/91	7/01/91	7/01/91
ASSOCIATED BLANKS:	82SB02-R 82SB03-T	82SB02-R 82SB03-T	54GW03-T 54SD03-R	54GW03-T 54SD03-R	82SB02-R 82SB03-T	82SB02-R 82SB03-T

PESTICIDE/PCB ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 54
 CASE: 5019/5064

		SD01	SD01-D	SD02	SD03	SD04	SD05
SAMPLE LOCATION:							
SAMPLE NUMBER:							
QC DESIGNATION: CRQL			FIELD DUPLICATE				
ALPHA-BHC	8.0	NA	NA	NA	NA	NA	NA
BETA-BHC	8.0	NA	NA	NA	NA	NA	NA
DELTA-BHC	8.0	NA	NA	NA	NA	NA	NA
GAMMA-BHC (LINDANE)	8.0	NA	NA	NA	NA	NA	NA
HEPTACHLOR	8.0	NA	NA	NA	NA	NA	NA
ALDRIN	8.0	NA	NA	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	8.0	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	8.0	NA	NA	NA	NA	NA	NA
DIELDRIN	16.0	NA	NA	NA	NA	NA	NA
4,4'-DDE	16.0	NA	NA	NA	NA	NA	NA
ENDRIN	16.0	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	16.0	NA	NA	NA	NA	NA	NA
4,4'-DDD	16.0	NA	NA	NA	NA	NA	NA
ENDOSULFAN SULFATE	16.0	NA	NA	NA	NA	NA	NA
4,4'-DDT	16.0	NA	NA	NA	NA	NA	NA
METHOXYCHLOR	80.0	NA	NA	NA	NA	NA	NA
ENDRIN KETONE	16.0	NA	NA	NA	NA	NA	NA
ALPHA-CHLORODANE	80.0	NA	NA	NA	NA	NA	NA
GAMMA-CHLORDANE	80.0	NA	NA	NA	NA	NA	NA
TOXAPHENE	160.0	NA	NA	NA	NA	NA	NA
AROCLOR 1016	80.0	28 UJ	27 U	270 U	270 U	32 UJ	22 U
AROCLOR 1221	80.0	28 UJ	27 U	270 U	270 U	32 UJ	22 U
AROCLOR 1232	80.0	28 UJ	27 U	270 U	270 U	32 UJ	22 U
AROCLOR 1242	80.0	28 UJ	27 U	270 U	270 U	32 UJ	22 U
AROCLOR 1248	80.0	28 UJ	27 U	270 U	270 U	32 UJ	22 U
AROCLOR 1254	160.0	55 UJ	55 U	540 U	550 U	63 UJ	45 U
AROCLOR 1260	160.0	55 UJ	55 U	540 U	550 U	63 UJ	45 U
% MOISTURE:		40	39	26.9	27	48	27
DILUTION FACTOR:		1.0	1.0	10.0	10.0	1.0	1.0
DATE SAMPLED:		6/19/91	6/19/91	6/26/91	6/26/91	6/19/91	6/19/91
DATE EXTRACTED:		6/22/91	6/22/91	7/01/91	7/01/91	6/22/91	6/22/91
DATE ANALYZED:		8/08/91	8/08/91	8/08/91	8/08/91	8/08/91	8/08/91
ASSOCIATED BLANKS:		82SB02-R	82SB02-R			54SW01-R 54SD01-R	54SW01-R 54SD01-R

INORGANIC ANALYSIS (mg/kg)
 SITE: CAMP LEJEUNE - SITE 54
 CASE: 5019/5064
 LABORATORY:

SAMPLE LOCATION:	ANALYTICAL	SD01	SD01-D	SD02	SD03	SD04	SD05	
SAMPLE NUMBER:	METHOD							
QC DESIGNATION:			FIELD DUPLICATE					CRQL
ALUMINUM	P	2080	1950	6300	1950	8830	6490	40
ANTIMONY	P	4.5 UJ	4.2 UJ	5.1 U	4.7 U	5.0 UJ	4.3 UJ	12
ARSENIC	F	1.1 UJ	0.95 UJ	1.2 U	1.1 U	1.2 UJ	1.0 UJ	2
BARIUM	P	4.3	4.5	16.2 UJ	5.8 UJ	24.4	12.0	40
BERYLLIUM	P	0.53 U	0.50 U	0.59 U	0.55 U	0.59 U	0.51 U	1
CADMIUM	P	1.3 UJ	1.2 UJ	1.5 U	1.4 U	1.5 UJ	1.3 UJ	1
CALCIUM	P	136 UJ	137 UJ	26900 UJ	1510 UJ	15900 J	6890 J	1000
CHROMIUM	P	3.6 J	3.4 J	9.8	2.7	11.3	8.4	2
COBALT	P	1.3 U	1.2 U	2.2	1.8	1.5 U	1.3 U	10
COPPER	P	1.3 U	1.2 U	3.7	1.4 U	3.9	1.7	5
IRON	P	2240	2430	3430 UJ	1260 UJ	5870	3290	20
LEAD	F	2.3 J	2.7 J	8.0 J	7.7 J	17.9 J	11.0 J	0.6
MAGNESIUM	P	98.8	79.3	653	92.9 UJ	592	365	1000
MANGANESE	P	4.7 J	3.3 J	29.2 UJ	4.1 UJ	19.6 J	16.8 J	3
MERCURY	CV	0.13 U	0.13 U	0.14 U	0.14 U	0.16 U	0.14 U	0.04
NICKEL	P	2.1 UJ	2.0 UJ	3.0	2.2 U	2.7 UJ	2.0 UJ	8
POTASSIUM	P	128 U	120 U	346 UJ	145 UJ	263 UJ	122 U	1000
SELENIUM	F	1.1 UJ	0.95 UJ	0.71	0.56 U	1.2 UJ	1.0 UJ	1
SILVER	P	0.53 U	0.50 U	1.1 UJ	0.80 UJ	0.59 U	0.51 U	2
SODIUM	P	24.0 UJ	25.9 UJ	80.7 UJ	43.7 UJ	55.0 UJ	46.4 UJ	1000
THALLIUM	F	0.56 U	0.48 U	0.58 UJ	0.56 UJ	0.61 U	0.51 U	2
TIN	P	NA	NA	NA	NA	NA	NA	8
VANADIUM	P	3.6	3.4	12.8	4.1	15.2	11.1	10
ZINC	P	2.3 UJ	2.5 UJ	21.2 UJ	7.4 UJ	18.5 UJ	8.3 UJ	4
CYANIDE	C	0.65 UJ	0.66 UJ	0.75 U	0.67 U	0.78 UJ	0.68 UJ	2
HEXAVALENT CHROMIUM	P	0.14 U	0.14 U	0.15 U	0.14 U	1.6 UJ	0.14 U	0.10
% MOISTURE:		28.7	27.6	34.0	29.9	39.6	26.8	
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0	
DATE SAMPLED:		6/19/91	6/19/91	6/26/91	6/26/91	6/19/91	6/19/91	
ASSOCIATED BLANKS:		54SD01-R	54SD01-R	54SD03-R	54SD03-R	54SD01-R	54SD01-R	
		54SW01-R	54SW01-R			54SW01-R	54SW01-R	

ANALYTICAL METHOD
 F - FURNACE
 P - ICP/FLAME AA
 CV - COLD VAPOR
 C - COLORMETRIC

J - QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED IN THE QUALITY CONTROL REVIEW (DATA REVIEW)
 R - VALUE IS REJECTED.
 -- VALUE IS NON-DETECTED
 NA- NOT ANALYZED

SITE 54

TOTAL PETROLEUM HYDROCARBON DATA

Versar Laboratories

ANALYSIS REPORT General Inorganic Chemistry Section

DATE: 12-JUL-91
 CODE / CONTROL #: NUS LEJU / 4961
 CLIENT / SITE: NUS / CAMP LEJUNE, NC
 PROJECT / BATCH: 420.109.0 / 1

PAGE: 1

Lab#	Field #	TRPH (mg/L)	TRPH (mg/kg)
52821	54SB02-0000		406. J
52822	54SB02-1011		< 62.5
52823	54SB01-07000		< 54.7
52824	54SB01-0700		< 53.6
52825	54SB01-0000		< 54.0
52826	54MW04-0000		1,750.
52827	54MW04-0000		< 54.4
52828	54SB02-R	< 0.51	

C. Thomas
 Laboratory Manager

ANALYSIS REPORT General Inorganic Chemistry Section

DATE: 16-JUL-91
CODE / CONTROL #: NUS LEJU / 5019
CLIENT / SITE: NUS / CAMP LEJUNE, NC
PROJECT / BATCH: 420.109.0 / 8

PAGE: 1

Lab#	Field #	TRPH (mg/L)	TRPH (mg/kg)
53870	548001		< 69.9
53871	548001-D		< 69.0
53872	548002		516.
53873	548003		128.
53874	548004	< 0.51	
53875	548001-D	< 0.52	

C. Thompson
Laboratory Manager

Versar Laboratories INC

ANALYSIS REPORT
General Inorganic Chemistry Section

DATE: 19-JUL-91
 CODE / CONTROL #: NUS LEJU / 5054
 CLIENT / SITE: NUS / CAMP LEJUNE, NC
 PROJECT / BATCH: 420.109.0 / 9

PAGE: 1

Lab#	Field #	TRPH (mg/L)
54434	54GW04-R	< 0.56
54435	54GW04	< 0.53
54436	54GW03	< 0.57

C. Thompson
 Laboratory Manager

Versar Laboratories INC

ANALYSIS REPORT General Inorganic Chemistry Section

DATE: 22-JUL-91
CODE / CONTROL #: NUS LEJU / 5064
CLIENT / SITE: NUS / CAMP LEJUNE, NC
PROJECT / BATCH: 420.109.0 / 10

PAGE: I

Lab#	Field #	TRPH (mg/L)	TRPH (mg/kg)
54565	54GW03	< 0.57	
54566	54GW03	< 0.52	
54567	54GW02	< 0.56	
54568	54SD03		162.
54569	54SD03		222.

M. Williams for C. Thompson
Laboratory Manager

SITE 80
PARADISE POINT GOLF COURSE
CHEMICAL ANALYTICAL RESULTS

SITE 80
SOIL DATA

VOLATILE ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 80
 CASE: 4997/5005

	SAMPLE LOCATION:	SO01-0002	SO01-0002-D	SO02-0002	SO03-0002	SB01-0002	SB01-1012	SB02-0002	SB02-1012
	SAMPLE NUMBER:								
	QC DESIGNATION: CRQL		FIELD DUPLICATE						
CHLOROMETHANE	10	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
BROMOMETHANE	10	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
VINYL CHLORIDE	10	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
CHLOROETHANE	10	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
METHYLENE CHLORIDE	5	6 U	5 U	6 U	6 U	4 UJ	6 U	6 U	5 U
ACETONE	10	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
CARBON DISULFIDE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
1,1-DICHLOROETHENE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
1,1-DICHLOROETHANE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
1,2-DICHLOROETHENE (TOTAL)	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
CHLOROFORM	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
1,2-DICHLOROETHANE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
2-BUTANONE	10	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1,1-TRICHLOROETHANE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
CARBON TETRACHLORIDE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
VINYL ACETATE	10	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
BROMODICHLOROMETHANE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
1,2-DICHLOROPROPANE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
CIS-1,3-DICHLOROPROPENE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
TRICHLOROETHENE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
DIBROMOCHLOROMETHANE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
1,1,2-TRICHLOROETHANE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
BENZENE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
TRANS-1,3-DICHLOROPROPENE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
BROMOFORM	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
4-METHYL-2-PENTANONE	10	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
2-HEXANONE	10	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
TETRACHLOROETHENE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
1,1,2,2-TETRACHLOROETHANE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
TOLUENE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
CHLOROBENZENE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
ETHYL BENZENE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
STYRENE	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
TOTAL XYLENES	5	6 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
% MOISTURE:		11	9	12	10	12	13	12	5
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		6/13/91	6/13/91	6/13/91	6/13/91	6/13/91	6/13/91	6/13/91	6/13/91
DATE ANALYZED:		6/21/91	6/21/91	6/21/91	6/21/91	6/21/91	6/21/91	6/21/91	6/21/91
ASSOCIATED BLANKS:		80SB04-T	80SB04-T	80SB04-T	80SB04-T	80SB04-T			

DOC.No.: CLEJ-00702-4.08-04/16/92

VOLATILE ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 80
 CASE: 4997/5005

	SAMPLE LOCATION:	SB03-0002	SB03-1012	SB04-0002	SB04-0002-D	SB04-1012	MW01-0002	MW01-1012	MW02-0002
	SAMPLE NUMBER:								
	QC DESIGNATION: CRQL				FIELD DUPLICATE				
CHLOROMETHANE	10	11 U	13 U	10 U	10 U	12 U	10 U	11 UJ	11 UJ
BROMOMETHANE	10	11 U	13 U	10 U	10 U	12 U	10 U	11 U	11 U
VINYL CHLORIDE	10	11 U	13 U	10 U	10 U	12 U	10 U	11 U	11 U
CHLOROETHANE	10	11 U	13 U	10 U	10 U	12 U	10 U	11 U	11 U
METHYLENE CHLORIDE	5	7 UJ	9 UJ	3 UJ	5 U	6 U	5 U	5 U	6 U
ACETONE	10	11 U	13 U	10 U	10 U	12 U	10 U	11 U	11 U
CARBON DISULFIDE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
1,1-DICHLOROETHENE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
1,1-DICHLOROETHANE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
1,2-DICHLOROETHENE (TOTAL)	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
CHLOROFORM	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
1,2-DICHLOROETHANE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
2-BUTANONE	10	11 U	13 U	10 U	10 U	12 U	10 U	11 U	11 U
1,1,1-TRICHLOROETHANE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
CARBON TETRACHLORIDE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
VINYL ACETATE	10	11 U	13 U	10 U	10 U	12 U	10 U	11 U	11 U
BROMODICHLOROMETHANE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
1,2-DICHLOROPROPANE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
CIS-1,3-DICHLOROPROPENE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
TRICHLOROETHENE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
DIBROMOCHLOROMETHANE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
1,1,2-TRICHLOROETHANE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
BENZENE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
TRANS-1,3-DICHLOROPROPENE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
BROMOFORM	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
4-METHYL-2-PENTANONE	10	11 U	13 U	10 U	10 U	12 U	10 U	11 U	11 U
2-HEXANONE	10	11 U	13 U	10 U	10 U	12 U	10 U	11 U	11 U
TETRACHLOROETHENE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
1,1,2,2-TETRACHLOROETHANE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
TOLUENE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
CHLOROBENZENE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
ETHYL BENZENE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
STYRENE	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
TOTAL XYLENES	5	5 U	7 U	5 U	5 U	6 U	5 U	5 U	6 U
% MOISTURE:		7	24	4	4	15	4	7	12
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		6/13/91	6/13/91	6/13/91	6/13/91	6/13/91	6/16/91	6/16/91	6/16/91
DATE ANALYZED:		6/21/91	6/21/91	6/20/91	6/21/91	6/21/91	6/27/91	6/25/91	6/25/91
ASSOCIATED BLANKS:		80SB04-T	80SB04-T	80SB04-T	80SB04-T	80SB04-T	80GW03-R 80MW01-R 82SW02-T	80GW03-R 80MW01-R 82SW02-T	80GW03-R 80MW01-R 82SW02-T

VOLATILE ANALYSIS (ug/kg)

SITE: CAMP LEJEUNE - SITE 80

CASE: 4997/5005

SAMPLE LOCATION:	MW02-1214	MW03-0002	MW03-0608
SAMPLE NUMBER:			
QC DESIGNATION: CRQL			
CHLOROMETHANE	10	11 UJ	11 UJ
BROMOMETHANE	10	11 U	11 U
VINYL CHLORIDE	10	11 U	11 U
CHLOROETHANE	10	11 U	11 U
METHYLENE CHLORIDE	5	6 U	7
ACETONE	10	11 U	11 U
CARBON DISULFIDE	5	6 U	5 U
1,1-DICHLOROETHENE	5	6 U	5 U
1,1-DICHLOROETHANE	5	6 U	5 U
1,2-DICHLOROETHENE (TOTAL)	5	6 U	5 U
CHLOROFORM	5	6 U	5 U
1,2-DICHLOROETHANE	5	6 U	5 U
2-BUTANONE	10	11 U	11 U
1,1,1-TRICHLOROETHANE	5	6 U	5 U
CARBON TETRACHLORIDE	5	6 U	5 U
VINYL ACETATE	10	11 U	11 U
BROMODICHLOROMETHANE	5	6 U	5 U
1,2-DICHLOROPROPANE	5	6 U	5 U
CIS-1,3-DICHLOROPROPENE	5	6 U	5 U
TRICHLOROETHENE	5	6 U	5 U
DIBROMOCHLOROMETHANE	5	6 U	5 U
1,1,2-TRICHLOROETHANE	5	6 U	5 U
BENZENE	5	6 U	5 U
TRANS-1,3-DICHLOROPROPENE	5	6 U	5 U
BROMOFORM	5	6 U	5 U
4-METHYL-2-PENTANONE	10	11 U	11 U
2-HEXANONE	10	11 U	11 U
TETRACHLOROETHENE	5	6 U	5 U
1,1,2,2-TETRACHLOROETHANE	5	6 U	5 U
TOLUENE	5	6 U	5 U
CHLOROBENZENE	5	6 U	5 U
ETHYL BENZENE	5	6 U	5 U
STYRENE	5	6 U	5 U
TOTAL XYLENES	5	6 U	5 U
% MOISTURE:	13	8	22
DILUTION FACTOR:	1.0	1.0	1.0
DATE SAMPLED:	6/16/91	6/13/91	6/13/91
DATE ANALYZED:	6/25/91	6/24/91	6/24/91
ASSOCIATED BLANKS:	80GW03-R	82SW06-R	82SW06-R
	80MW01-R	82SD06-R	82SD06-R
	82SW02-T		

PESTICIDE/PCB ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 80
 CASE: 4997

		SB03-0002	SB03-1012	SB04-0002	SB04-0002-D	SB04-1012	MW01-0002	MW01-1012	MW02-0002
	SAMPLE LOCATION:								
	SAMPLE NUMBER:								
	QC DESIGNATION: CRQL				FIELD DUPLICATE				
ALPHA-BHC	8.0	5.1 U	5.0 U	4.2 U	4.1 U	4.7 U	4.2 U	4.3 U	4.4 U
BETA-BHC	8.0	5.1 U	5.0 U	4.2 U	4.1 U	4.7 U	4.2 U	4.3 U	4.4 U
DELTA-BHC	8.0	5.1 U	5.0 U	4.2 U	4.1 U	4.7 U	4.2 U	4.3 U	4.4 U
GAMMA-BHC (LINDANE)	8.0	5.1 U	5.0 U	4.2 U	4.1 U	4.7 U	4.2 U	4.3 U	4.4 U
HEPTACHLOR	8.0	5.1 U	5.0 U	4.2 U	4.1 U	4.7 U	4.2 U	4.3 U	4.4 U
ALDRIN	8.0	5.1 UJ	5.0 UJ	4.2 UJ	4.1 UJ	4.7 UJ	4.2 U	4.3 U	4.4 U
HEPTACHLOR EPOXIDE	8.0	5.1 U	5.0 U	4.2 U	4.1 U	4.7 U	4.2 U	4.3 U	4.4 U
ENDOSULFAM I	8.0	5.1 U	5.0 U	4.2 U	4.1 U	4.7 U	4.2 U	4.3 U	4.4 U
DIELDRIN	16.0	10 U	10 U	8.4 U	8.2 U	9.3 U	8.4 U	8.7 U	16 J
4,4'-DDE	16.0	10 U	10 U	30	26	9.3 U	81	8.7 U	16 J
ENDRIN	16.0	10 U	10 U	8.4 U	8.2 U	9.3 U	8.4 U	8.7 U	8.9 U
ENDOSULFAM II	16.0	10 U	10 U	8.4 U	8.2 U	9.3 U	8.4 U	8.7 U	8.9 U
4,4'-DDD	16.0	10 U	10 U	8.4 U	8.2 U	9.3 U	8.4 U	8.7 U	8.9 U
ENDOSULFAM SULFATE	16.0	10 U	10 U	8.4 U	8.2 U	9.3 U	8.4 U	8.7 U	8.9 U
4,4'-DDT	16.0	10 U	10 U	15	13	9.3 U	58	8.7 U	8.9 U
METHOXYCHLOR	80.0	51 U	50 U	42 U	41 U	47 U	42 U	43 U	44 U
ENDRIN KETONE	16.0	10 U	10 U	8.4 U	8.2 U	9.3 U	8.4 U	8.7 U	8.9 U
ALPHA-CHLORODANE	80.0	51 U	50 U	42 U	41 U	47 U	42 U	43 U	44 U
GAMMA-CHLORODANE	80.0	51 U	50 U	42 U	41 U	47 U	42 U	43 U	44 U
TOXAPHENE	160.0	100 U	100 U	84 U	82 U	93 U	84 U	87 U	89 U
AROCLOR 1016	80.0	51 U	50 U	42 U	41 U	47 U	42 U	43 U	44 U
AROCLOR 1221	80.0	51 U	50 U	42 U	41 U	47 U	42 U	43 U	44 U
AROCLOR 1232	80.0	51 U	50 U	42 U	41 U	47 U	42 U	43 U	44 U
AROCLOR 1242	80.0	51 U	50 U	42 U	41 U	47 U	42 U	43 U	44 U
AROCLOR 1248	80.0	51 U	50 U	42 U	41 U	47 U	42 U	43 U	44 U
AROCLOR 1254	160.0	100 U	100 U	84 U	82 U	93 U	84 U	87 U	89 U
AROCLOR 1260	160.0	100 U	100 U	84 U	82 U	93 U	84 U	87 U	89 U

% MOISTURE:	21	20	5	3	14	5	8	10
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/13/91	6/13/91	6/13/91	6/13/91	6/13/91	6/16/91	6/16/91	6/16/91
DATE EXTRACTED:	6/19/91	6/19/91	6/19/91	6/19/91	6/19/91	6/20/91	6/20/91	6/20/91
DATE ANALYZED:	7/24/91	7/24/91	7/24/91	7/24/91	7/24/91	8/01/91	8/01/91	8/01/91
ASSOCIATED BLANKS:								

PESTICIDE/PCB ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 80
 CASE: 4997

SAMPLE LOCATION: MW02-1214 MW03-0002 MW03-0608
 SAMPLE NUMBER:
 QC DESIGNATION: CRQL

ALPHA-BHC	8.0	4.4 U	4.3 U	5.2 U
BETA-BHC	8.0	4.4 U	4.3 U	5.2 U
DELTA-BHC	8.0	4.4 U	4.3 U	5.2 U
GAMMA-BHC (LINDANE)	8.0	4.4 U	4.3 U	5.2 U
HEPTACHLOR	8.0	4.4 U	4.3 U	5.2 U
ALDRIN	8.0	4.4 U	6.8 J	5.2 UJ
HEPTACHLOR EPOXIDE	8.0	4.4 U	4.3 U	5.2 U
ENDOSULFAN I	8.0	4.4 U	4.3 U	5.2 U
DIELDRIN	16.0	8.8 U	440 J	10 U
4,4'-DDE	16.0	8.8 U	140 J	10 U
ENDRIN	16.0	8.8 U	8.7 U	10 U
ENDOSULFAN II	16.0	8.8 U	8.7 U	10 U
4,4'-DDD	16.0	8.8 U	60	10 U
ENDOSULFAN SULFATE	16.0	8.8 U	8.7 U	10 U
4,4'-DDT	16.0	8.8 U	24 J	10 U
METHOXYCHLOR	80.0	44 U	43 U	52 U
ENDRIN KETONE	16.0	8.8 U	8.7 U	10 U
ALPHA-CHLORODANE	80.0	44 U	60 J	52 U
GAMMA-CHLORDANE	80.0	44 U	43 UJ	52 U
TOXAPHENE	160.0	88 U	87 U	100 U
AROCLOR 1016	80.0	44 U	43 U	52 U
AROCLOR 1221	80.0	44 U	43 U	52 U
AROCLOR 1232	80.0	44 U	43 U	52 U
AROCLOR 1242	80.0	44 U	43 U	52 U
AROCLOR 1248	80.0	44 U	43 U	52 U
AROCLOR 1254	160.0	88 U	1500	100 U
AROCLOR 1260	160.0	88 U	87 U	100 U

% MOISTURE:	9	8	23
DILUTION FACTOR:	1.0	1.0	1.0
DATE SAMPLED:	6/16/91	6/13/91	6/13/91
DATE EXTRACTED:	6/20/91	6/19/91	6/19/91
DATE ANALYZED:	8/01/91	7/24/91	7/24/91
ASSOCIATED BLANKS:			

HERBICIDE ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 80
 CASE: 4997

		SO01-0002	SO01-0002-D	SO02-0002	SO03-0002	SB01-0002	SB01-1012	SB02-0002	SB02-1012
SAMPLE LOCATION:									
SAMPLE NUMBER:									
QC DESIGNATION: CRQL			FIELD DUPLICATE						
2,4-D	8.0	930 U	900 U	880 U	2200 U	190 U	180 U	170 U	170 U
SILVEX	8.0	930 U	900 U	880 U	2200 U	190 U	180 U	170 U	170 U
2,4,5-T	8.0	930 U	900 U	880 U	2200 U	190 U	180 U	170 U	170 U
% MOISTURE:	14.1	12.7	12.7	64.5	15	12	8	5	
DILUTION FACTOR:	9.3	9.0	8.8	22	1.0	1.0	1.0	1.0	
DATE SAMPLED:	6/13/91	6/13/91	6/13/91	6/13/91	6/13/91	6/13/91	6/13/91	6/13/91	6/13/91
DATE EXTRACTED:	6/20/91	6/20/91	6/20/91	6/20/91	6/20/91	6/20/91	6/20/91	6/20/91	6/20/91
DATE ANALYZED:	7/05/91	7/05/91	7/05/91	7/06/91	7/05/91	7/05/91	7/05/91	7/05/91	7/05/91
ASSOCIATED BLANKS:	80MW01-R 80GW03-R	80MW01-R 80GW03-R	80MW01-R 80GW03-R	80MW01-R 80GW03-R	80MW01-R 80GW03-R	80MW01-R 80GW03-R	80MW01-R 80GW03-R	80MW01-R 80GW03-R	80MW01-R 80GW03-R

HERBICIDE ANALYSIS (ug/kg)
SITE: CAMP LEJEUNE - SITE 80
CASE: 4997

SAMPLE LOCATION:	MW02-1214	MW03-0002	MW03-0608
SAMPLE NUMBER:			
QC DESIGNATION: CRQL			

2,4-D	8.0	870 U	170 U	200 U
SILVEX	8.0	870 U	170 U	200 U
2,4,5-T	8.0	870 U	170 U	200 U

% MOISTURE:	9	8	23
DILUTION FACTOR:	8.7	1.0	1.0
DATE SAMPLED:	6/16/91	6/13/91	6/13/91
DATE EXTRACTED:	6/21/91	6/20/91	6/20/91
DATE ANALYZED:	7/08/91	7/05/91	7/08/91
ASSOCIATED BLANKS:	80MW01-R 80GW03-R	80MW01-R 80GW03-R	80MW01-R 80GW03-R

SITE 80
GROUNDWATER DATA

VOLATILE ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - SITE 80
 CASE: 5075/5005

		GW01	GW02	GW03
SAMPLE LOCATION:				
SAMPLE NUMBER:				
QC DESIGNATION:	CRQL			
CHLOROMETHANE	10	10 U	10 U	10 U
BROMOMETHANE	10	10 U	10 U	10 U
VINYL CHLORIDE	10	10 U	10 U	10 U
CHLOROETHANE	10	10 U	10 U	10 U
METHYLENE CHLORIDE	5	5 U	5 U	4 UJ
ACETONE	10	10 U	10 U	80 UJ
CARBON DISULFIDE	5	5 U	5 U	25 J
1,1-DICHLOROETHENE	5	5 U	5 U	5 U
1,1-DICHLOROETHANE	5	5 U	5 U	5 U
1,2-DICHLOROETHENE (TOTAL)	5	5 U	5 U	5 U
CHLOROFORM	5	5 U	5 U	5 U
1,2-DICHLOROETHANE	5	5 U	5 U	5 U
2-BUTANONE	10	10 U	10 U	10 UJ
1,1,1-TRICHLOROETHANE	5	5 U	5 U	5 U
CARBON TETRACHLORIDE	5	5 U	5 U	5 U
VINYL ACETATE	10	10 U	10 U	10 U
BROMODICHLOROMETHANE	5	5 U	5 U	5 U
1,2-DICHLOROPROPANE	5	5 U	5 U	5 U
CIS-1,3-DICHLOROPROPENE	5	5 U	5 U	5 U
TRICHLOROETHENE	5	5 U	5 U	5 U
DIBROMOCHLOROMETHANE	5	5 U	5 U	5 U
1,1,2-TRICHLOROETHANE	5	5 U	5 U	5 U
BENZENE	5	5 U	5 U	5 U
TRANS-1,3-DICHLOROPROPENE	5	5 U	5 U	5 U
BROMOFORM	5	5 U	5 U	5 U
4-METHYL-2-PENTANONE	10	10 U	10 U	10 U
2-HEXANONE	10	10 U	10 U	10 U
TETRACHLOROETHENE	5	5 U	5 U	5 U
1,1,2,2-TETRACHLOROETHANE	5	5 U	5 U	5 U
TOLUENE	5	5 U	5 U	180
CHLOROBENZENE	5	5 U	5 U	5 U
ETHYL BENZENE	5	5 U	5 U	5
STYRENE	5	5 U	5 U	5 U
TOTAL XYLENES	5	5 U	5 U	21
DILUTION FACTOR:		1.0	1.0	1.0
DATE SAMPLED:		6/27/91	6/27/91	6/16/91
DATE ANALYZED:		7/10/91	7/10/91	6/23/91
ASSOCIATED BLANKS:		80GW02-R	80GW02-R	80GW03-R
		07GW03-T	07GW03-T	82SW02-T
		07GW03-R	07GW03-R	80MW01-R
		82GW01-F	82GW01-F	
		82GW31-R	82GW31-R	
		DECON-F	DECON-F	

DOC.No.: CLEJ-00702-4.08-04/16/92

PESTICIDE/PCB AQUEOUS ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - SITE 80

CASE: 5075/5005

SAMPLE LOCATION: GW01 GW02 GW03
 SAMPLE NUMBER:
 QC DESIGNATION: CRQL

ALPHA-BHC	0.05	0.05 U	0.05 U	0.50 U
BETA-BHC	0.05	0.05 U	0.05 U	0.50 U
DELTA-BHC	0.05	0.05 U	0.05 U	0.50 U
GAMMA-BHC (LINDANE)	0.05	0.05 U	0.05 U	0.50 U
HEPTACHLOR	0.05	0.05 U	0.05 U	0.50 U
ALDRIN	0.05	0.05 U	0.05 U	0.50 U
HEPTACHLOR EPOXIDE	0.05	0.05 U	0.05 U	0.50 U
ENDOSULFAN I	0.05	0.05 U	0.05 U	0.50 U
DIELDRIN	0.10	0.10 U	0.10 U	0.99 U
4,4'-DDE	0.10	0.10 U	0.10 U	0.99 U
ENDRIN	0.10	0.10 U	0.10 U	0.99 U
ENDOSULFAN II	0.10	0.10 U	0.10 U	0.99 U
4,4'-DDD	0.10	0.10 U	0.10 U	0.99 U
ENDOSULFAN SULFATE	0.10	0.10 U	0.10 U	0.99 U
4,4'-DDT	0.10	0.10 U	0.10 U	0.99 U
METHOXYCHLOR	0.5	0.50 U	0.51 U	5.0 U
ENDRIN KETONE	0.10	0.10 U	0.10 U	0.99 U
ALPHA-CHLORODANE	0.5	0.50 U	0.51 U	5.0 U
GAMMA-CHLORDANE	0.5	0.50 U	0.51 U	5.0 U
TOXAPHENE	1.0	1.0 U	1.0 U	9.9 U
AROCLOR 1016	0.5	0.50 U	0.51 U	5.0 U
AROCLOR 1221	0.5	0.50 U	0.51 U	5.0 U
AROCLOR 1232	0.5	0.50 U	0.51 U	5.0 U
AROCLOR 1242	0.5	0.50 U	0.51 U	5.0 U
AROCLOR 1248	0.5	0.50 U	0.51 U	5.0 U
AROCLOR 1254	1.0	1.0 U	1.0 U	9.9 U
AROCLOR 1260	1.0	1.0 U	1.0 U	9.9 U

DILUTION FACTOR:	1.0	1.0	10.0
DATE SAMPLED:	6/27/91	6/27/91	6/16/91
DATE EXTRACTED:	7/03/91	7/03/91	6/21/91
DATE ANALYZED:	8/09/91	8/09/91	7/23/91
ASSOCIATED BLANKS:	80GW02-R	80GW02-R	80GW03-R
	82GW01-F	82GW01-F	80MW01-R
	82GW31-R	82GW31-R	82SD06-R

HERBICIDE ANALYSIS (ug/L)
SITE: CAMP LEJEUNE - SITE 80
CASE: 5075/5005

		GW01	GW02	GW03
SAMPLE LOCATION:				
SAMPLE NUMBER:				
QC DESIGNATION: CRQL				
2,4-D	0.2	0.20 U	0.20 U	R
SILVEX	0.2	0.20 U	0.20 U	R
2,4,5-T	0.2	0.20 U	0.20 U	R
DINOSEB	0.2	0.20 U	0.20 U	NA
DILUTION FACTOR:	1.0	1.0	1.0	
DATE SAMPLED:	6/27/91	6/27/91	6/16/91	
DATE EXTRACTED:	7/03/91	7/03/91	6/21/91	
DATE ANALYZED:	7/15/91	7/15/91	7/05/91	
ASSOCIATED BLANKS:	80GW02-R DECON-F	80GW02-R DECON-F	80GW03-R 80MW01-R	

SITE 80
SURFACE WATER DATA

VOLATILE ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - SITE 80
 CASE: 4999

SAMPLE LOCATION:	SW03	SW04	SW05	SW05-D
SAMPLE NUMBER:				
QC DESIGNATION: CRQL				FIELD DUPLICATE
CHLOROMETHANE	10	10 U	20 U	20 U
BROMOMETHANE	10	10 U	20 U	20 U
VINYL CHLORIDE	10	10 U	20 U	20 U
CHLOROETHANE	10	10 U	20 U	20 U
METHYLENE CHLORIDE	5	5 U	10 U	6 UJ 12 UJ
ACETONE	10	11	190	170 150
CARBON DISULFIDE	5	5 U	10 U	6 J 10 U
1,1-DICHLOROETHENE	5	5 U	10 U	10 U
1,1-DICHLOROETHANE	5	5 U	10 U	10 U
1,2-DICHLOROETHENE (TOTAL)	5	5 U	10 U	10 U
CHLOROFORM	5	5 U	10 U	10 U
1,2-DICHLOROETHANE	5	5 U	10 U	10 U
2-BUTANONE	10	10 U	20 U	20 U
1,1,1-TRICHLOROETHANE	5	5 U	10 U	10 U
CARBON TETRACHLORIDE	5	5 U	10 U	10 U
VINYL ACETATE	10	10 U	20 U	20 U
BROMODICHLOROMETHANE	5	5 U	10 U	10 U
1,2-DICHLOROPROPANE	5	5 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	5	5 U	10 U	10 U
TRICHLOROETHENE	5	5 U	10 U	10 U
DIBROMOCHLOROMETHANE	5	5 U	10 U	10 U
1,1,2-TRICHLOROETHANE	5	5 U	10 U	10 U
BENZENE	5	5 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	5	5 U	10 U	10 U
BROMOFORM	5	5 U	10 U	10 U
4-METHYL-2-PENTANONE	10	10 U	20 U	20 U
2-HEXANONE	10	10 U	20 U	20 U
TETRACHLOROETHENE	5	5 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	5	5 U	10 U	10 U
TOLUENE	5	5 U	30	110 97
CHLOROBENZENE	5	5 U	10 U	10 U
ETHYL BENZENE	5	5 U	10 U	10 U
STYRENE	5	5 U	10 U	10 U
TOTAL XYLENES	5	5 UJ	10 U	10 U
DILUTION FACTOR:	1.0	2.0	2.0	2.0
DATE SAMPLED:	6/13/91	6/13/91	6/13/91	6/13/91
DATE ANALYZED:	6/22/91	6/25/91	6/25/91	6/25/91
ASSOCIATED BLANKS:	80GW03-R	80GW03-R	80GW03-R	80GW03-R
	82SW02-T	82SW02-T	82SW02-T	82SW02-T
	80MW01-R	80MW01-R	80MW01-R	80MW01-R

DOC.No.: CLEJ-00702-4.08-04/16/92

PESTICIDE/PCB AQUEOUS ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - SITE 80
 CASE: 4999

SAMPLE LOCATION:	SW03	SW04	SW05	SW05-D
SAMPLE NUMBER:				
QC DESIGNATION: CRQL				FIELD DUPLICATE

ALPHA-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U
BETA-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U
DELTA-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U
GAMMA-BHC (LINDANE)	0.05	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR	0.05	0.05 U	0.05 U	0.05 U	0.05 U
ALDRIN	0.05	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR EPOXIDE	0.05	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN I	0.05	0.05 U	0.05 U	0.05 U	0.05 U
DIELDRIN	0.10	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	0.10	0.10 U	0.10 U	0.10 U	0.10 U
ENDRIN	0.10	0.10 U	0.10 U	0.10 U	0.10 U
ENDOSULFAN II	0.10	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDD	0.10	0.10 U	0.10 U	0.10 U	0.10 U
ENDOSULFAN SULFATE	0.10	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	0.10	0.10 U	0.10 U	0.10 U	0.10 U
METHOXYCHLOR	0.5	0.50 U	0.50 U	0.50 U	0.50 U
ENDRIN KETONE	0.10	0.10 U	0.10 U	0.10 U	0.10 U
ALPHA-CHLORODANE	0.5	0.50 U	0.50 U	0.50 U	0.50 U
GAMMA-CHLORDANE	0.5	0.50 U	0.50 U	0.50 U	0.50 U
TOXAPHENE	1.0	1.0 U	1.0 U	1.0 U	1.0 U
AROCLOR 1016	0.5	0.50 U	0.50 U	0.50 U	0.50 U
AROCLOR 1221	0.5	0.50 U	0.50 U	0.50 U	0.50 U
AROCLOR 1232	0.5	0.50 U	0.50 U	0.50 U	0.50 U
AROCLOR 1242	0.5	0.50 U	0.50 U	0.50 U	0.50 U
AROCLOR 1248	0.5	0.50 U	0.50 U	0.50 U	0.50 U
AROCLOR 1254	1.0	1.0 U	1.0 U	1.0 U	1.0 U
AROCLOR 1260	1.0	1.0 U	1.0 U	1.0 U	1.0 U

DILUTION FACTOR:	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/13/91	6/13/91	6/13/91	6/13/91
DATE EXTRACTED:	6/14/91	6/14/91	6/14/91	6/14/91
DATE ANALYZED:	7/02/91	7/02/91	7/02/91	7/02/91
ASSOCIATED BLANKS:	80GW03-R	80GW03-R	80GW03-R	80GW03-R
	82SW06-R	82SW06-R	82SW06-R	82SW06-R
	82SD06-R	82SD06-R	82SD06-R	82SD06-R
	80MW01-R	80MW01-R	80MW01-R	80MW01-R
	54SB02-R	54SB02-R	54SB02-R	54SB02-R

HERBICIDE ANALYSIS (ug/L)
SITE: CAMP LEJEUNE - SITE 80
CASE: 4997

	SAMPLE LOCATION:	SW03	SW04	SW05	SW05-D
	SAMPLE NUMBER:				
	QC DESIGNATION: CRQL				FIELD DUPLICATE
2,4-D	8.0	0.22 U	R	R	0.22 U
SILVEX	8.0	0.22 U	R	R	0.22 U
2,4,5-T	8.0	0.22 U	R	R	0.22 U

DILUTION FACTOR:	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/13/91	6/13/91	6/13/91	6/13/91
DATE EXTRACTED:	6/17/91	6/17/91	6/17/91	6/17/91
DATE ANALYZED:	7/03/91	7/03/91	7/03/91	7/03/91
ASSOCIATED BLANKS:	80GW03-R	80GW03-R	80GW03-R	80GW03-R
	80MW01-R	80MW01-R	80MW01-R	80MW01-R

SITE 80

SEDIMENT DATA

VOLATILE ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 80
 CASE: 4997/4999

		SD01	SD02	SD03	SD04	SD05	SD05-D
	SAMPLE LOCATION:						
	SAMPLE NUMBER:						
	QC DESIGNATION: CRQL						FIELD DUPLICATE
CHLOROMETHANE	10	12 U	14 U	14 U	14 U	14 U	13 U
BROMOMETHANE	10	12 U	14 U	14 U	14 U	14 U	13 U
VINYL CHLORIDE	10	12 U	14 U	14 U	14 U	14 U	13 U
CHLOROETHANE	10	12 U	14 U	14 U	14 U	14 U	13 U
METHYLENE CHLORIDE	5	6 UJ	6 UJ	7 U	7 U	6 UJ	6 U
ACETONE	10	12 U	14 U	14 U	14 U	14 U	13 U
CARBON DISULFIDE	5	6 U	7 U	7 U	7 U	7 U	6 U
1,1-DICHLOROETHENE	5	6 U	7 U	7 U	7 U	7 U	6 U
1,1-DICHLOROETHANE	5	6 U	7 U	7 U	7 U	7 U	6 U
1,2-DICHLOROETHENE (TOTAL)	5	6 U	7 U	7 U	7 U	7 U	6 U
CHLOROFORM	5	6 U	7 U	7 U	7 U	7 U	6 U
1,2-DICHLOROETHANE	5	6 U	7 U	7 U	7 U	7 U	6 U
2-BUTANONE	10	12 U	14 U	14 U	14 U	14 U	13 U
1,1,1-TRICHLOROETHANE	5	6 U	7 U	7 U	7 U	7 U	6 U
CARBON TETRACHLORIDE	5	6 U	7 U	7 U	7 U	7 U	6 U
VINYL ACETATE	10	12 U	14 U	14 U	14 U	14 U	13 U
BROMODICHLOROMETHANE	5	6 U	7 U	7 U	7 U	7 U	6 U
1,2-DICHLOROPROPANE	5	6 U	7 U	7 U	7 U	7 U	6 U
CIS-1,3-DICHLOROPROPENE	5	6 U	7 U	7 U	7 U	7 U	6 U
TRICHLOROETHENE	5	6 U	7 U	7 U	7 U	7 U	6 U
DIBROMOCHLOROMETHANE	5	6 U	7 U	7 U	7 U	7 U	6 U
1,1,2-TRICHLOROETHANE	5	6 U	7 U	7 U	7 U	7 U	6 U
BENZENE	5	6 U	7 U	7 U	7 U	7 U	6 U
TRANS-1,3-DICHLOROPROPENE	5	6 U	7 U	7 U	7 U	7 U	6 U
BROMOFORM	5	6 U	7 U	7 U	7 U	7 U	6 U
4-METHYL-2-PENTANONE	10	12 U	14 U	14 U	14 U	14 U	13 U
2-HEXANONE	10	12 U	14 U	14 U	14 U	14 U	13 U
TETRACHLOROETHENE	5	6 U	7 U	7 U	7 U	7 U	6 U
1,1,2,2-TETRACHLOROETHANE	5	6 U	7 U	7 U	7 U	7 U	6 U
TOLUENE	5	6 U	7 U	7 U	7 U	7 U	6 U
CHLOROBNZENE	5	6 U	7 U	7 U	7 U	7 U	6 U
ETHYL BENZENE	5	6 U	7 U	7 U	7 U	7 U	6 U
STYRENE	5	6 U	7 U	7 U	7 U	7 U	6 U
TOTAL XYLENES	5	6 U	7 U	7 U	7 U	7 U	6 U
% MOISTURE:		19	29	29	30	27	22
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		6/13/91	6/13/91	6/13/91	6/13/91	6/13/91	6/13/91
DATE ANALYZED:		6/21/91	6/21/91	6/21/91	6/21/91	6/21/91	6/21/91
ASSOCIATED BLANKS:		80SB04-T	80SB04-T				

PESTICIDE/PCB ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 80
 CASE: 4997/4999

		SD01	SD02	SD03	SD04	SD05	SD05-D
	SAMPLE LOCATION:						
	SAMPLE NUMBER:						
	QC DESIGNATION: CRQL						FIELD DUPLICATE
ALPHA-BHC	8.0	2.0 U	2.3 U	2.2 U	2.1 U	2.3 U	2.2 U
BETA-BHC	8.0	2.0 U	2.3 U	2.2 U	2.1 U	2.3 U	2.2 U
DELTA-BHC	8.0	2.0 U	2.3 U	2.2 U	2.1 U	2.3 U	2.2 U
GAMMA-BHC (LINDANE)	8.0	2.0 U	2.3 U	2.2 U	2.1 U	2.3 U	2.2 U
HEPTACHLOR	8.0	2.0 U	2.3 U	2.2 U	2.1 U	2.3 U	2.2 U
ALDRIN	8.0	2.0 U	2.3 U	2.2 U	2.1 U	2.3 U	2.2 U
HEPTACHLOR EPOXIDE	8.0	2.0 U	2.3 U	2.2 U	2.1 U	2.3 U	2.2 U
ENDOSULFAN I	8.0	2.0 U	2.3 U	2.2 U	2.1 U	2.3 U	2.2 U
DIELDRIN	16.0	4.1 U	4.6 U	4.5 U	4.1 U	4.7 U	4.3 U
4,4'-DDE	16.0	4.1 U	4.6 U	4.5 U	4.1 U	4.7 U	4.3 U
ENDRIN	16.0	4.1 U	4.6 U	4.5 U	4.1 U	4.7 U	4.3 U
ENDOSULFAN II	16.0	4.1 U	4.6 U	4.5 U	4.1 U	4.7 U	4.3 U
4,4'-DDD	16.0	4.1 U	4.6 U	4.5 U	4.1 U	4.7 U	4.3 U
ENDOSULFAN SULFATE	16.0	4.1 U	4.6 U	4.5 U	4.1 U	4.7 U	4.3 U
4,4'-DDT	16.0	4.1 U	4.6 U	4.5 U	4.1 U	4.7 U	4.3 U
METHOXYCHLOR	80.0	20 U	23 U	22 U	21 U	23 U	22 U
ENDRIN KETONE	16.0	4.1 U	4.6 U	4.5 U	4.1 U	4.7 U	4.3 U
ALPHA-CHLORODANE	80.0	20 U	23 U	22 U	21 U	23 U	22 U
GAMMA-CHLORDANE	80.0	20 U	23 U	22 U	21 U	23 U	22 U
TOXAPHENE	160.0	41 U	46 U	45 U	41 U	47 U	43 U
AROCLOR 1016	80.0	20 U	23 U	22 U	21 U	23 U	22 U
AROCLOR 1221	80.0	20 U	23 U	22 U	21 U	23 U	22 U
AROCLOR 1232	80.0	20 U	23 U	22 U	21 U	23 U	22 U
AROCLOR 1242	80.0	20 U	23 U	22 U	21 U	23 U	22 U
AROCLOR 1248	80.0	20 U	23 U	22 U	21 U	23 U	22 U
AROCLOR 1254	160.0	41 U	46 U	45 U	41 U	47 U	43 U
AROCLOR 1260	160.0	41 U	46 U	45 U	41 U	47 U	43 U
% MOISTURE:		19	28	26	22	29	25
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		6/13/91	6/13/91	6/13/91	6/13/91	6/13/91	6/13/91
DATE EXTRACTED:		6/17/91	6/17/91	6/17/91	6/17/91	6/17/91	6/17/91
DATE ANALYZED:		7/13/91	7/13/91	7/13/91	7/13/91	7/13/91	7/13/91
ASSOCIATED BLANKS:							

HERBICIDE ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 80
 CASE: 4997/4999

		SD01	SD02	SD03	SD04	SD05	SD05-D
SAMPLE LOCATION:							
SAMPLE NUMBER:							
QC DESIGNATION:	CRQL						FIELD DUPLICATE
2,4-D	8.0	190 U	210 U	200 U	190 U	210 U	200 U
SILVEX	8.0	190 U	210 U	200 U	190 U	210 U	200 U
2,4,5-T	8.0	190 U	210 U	200 U	190 U	210 U	200 U
% MOISTURE:		19	28	26	22	29	25
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		6/13/91	6/13/91	6/13/91	6/13/91	6/13/91	6/13/91
DATE EXTRACTED:		6/18/91	6/18/91	6/18/91	6/18/91	6/18/91	6/18/91
DATE ANALYZED:		7/03/91	7/03/91	7/03/91	7/05/91	7/05/91	7/05/91
ASSOCIATED BLANKS:		80MW01-R 80GW03-R	80MW01-R 80GW03-R	80MW01-R 80GW03-R	80MW01-R 80GW03-R	80MW01-R 80GW03-R	80MW01-R 80GW03-R

SITE 80

TOTAL PETROLEUM HYDROCARBONS DATA

Versar Laboratories

ANALYSIS REPORT General Inorganic Chemistry Section

DATE: 12-JUL-91
 CODE / CONTROL #: NUS LEJU / 4997
 CLIENT / SITE: NUS / CAMP LEJUNE, NC
 PROJECT / BATCH: 420.109.0 / 3

PAGE: 1

Lab#	Field #	TRPH (mg/kg)
53395	8050030002	< 53.7
53396	8050030008	< 66.6
53397	8050010002	< 56.5
53398	8050011012	< 56.1
53399	8050030002	< 54.7
53400	8050021012	< 52.2
53401	8050030002	< 53.7
53402	8050051012	< 65.7
53403	8050040002	< 51.9
53404	805004002D	< 52.1
53405	8050041012	< 58.6
53406	8050030002	< 56.3
53407	8050010002	< 54.8
53408	8050030002	< 56.2
53409	8050030002	< 54.7

C. Thompson
 Laboratory Manager

Versar Laboratories

ANALYSIS REPORT General Inorganic Chemistry Section

DATE: 12-JUL-91
CODE / CONTROL #: NUS LEJU / 5005
CLIENT / SITE: NUS / CAMP LEJUNE, NC
PROJECT / BATCH: 420.109.0 / 6

PAGE: 1

Lab#	Field #	TRPH (mg/L)	TRPH (mg/kg)
53581	80MW01-R	< 0.54	
53582	80GW03-R	< 0.52	
53583	80GW03	< 0.52	
53584	80MW01-0002		< 52.1
53585	80MW01-1012		< 53.5
53586	80MW02-0002		< 56.6
53587	80MW02-1214		< 57.1

C. Thomas
Laboratory Manager

Versar Laboratories INCANALYSIS REPORT
General Inorganic Chemistry SectionDATE: 22-JUL-91
CODE / CONTROL #: NUS LEJU / 5075
CLIENT / SITE: NUS / CAMP LEJUNE, NC
PROJECT / BATCH: 420.109.0 / 11

PAGE: 1

Lab#	Field #	TRPH (mg/L)
54833	806703	< 0.54
54834	806703	< 0.53
54835	806702-R	< 0.53
54836	DECON-F	< 0.50

M. Dillman for C. Thompson
Laboratory Manager

ANALYSIS REPORT General Inorganic Chemistry Section

DATE: 11-JUL-91
CODE / CONTROL #: NUS LEJU / 4969
CLIENT / SITE: NUS / CAMP LEJUNE, NC
PROJECT / BATCH: 420.109.0 / 2

PAGE: 1

Lab#	Field #	TRPH (mg/L)	TRPH (mg/kg)
52952	80SW03	< 0.51	
52953	80SW04	1.39	
52954	80SW05	1.45	
52955	80SW05-D	1.88	
52964	80SD01		< 62.1
52965	80SD02		< 70.4
52966	80SD03		< 69.3
52967	80SD04		< 65.1
52968	80SD05		< 71.0
52969	80SD05-D		< 66.1

C. Thompson
Laboratory Manager

SITE 82
PINEY GREEN ROAD
CHEMICAL ANALYTICAL DATA

SITE 82
SOIL DATA

VOLATILE ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 82
 CASE: 5013/5019

SAMPLE LOCATION:	SB01-0002	SB01-0709	SB02-0002	SB02-0305	SB03-0002	SB03-1315	SB04-0002	SB04-0204	
SAMPLE NUMBER:									
QC DESIGNATION: CRQL									
CHLOROMETHANE	10	10 U	12 UJ	13 U	32 UJ	10 U	24 U	22 U	21 UJ
BROMOMETHANE	10	10 U	12 UJ	13 U	32 UJ	10 U	24 U	22 U	21 UJ
VINYL CHLORIDE	10	10 U	12 UJ	13 U	32 UJ	10 U	24 U	22 U	21 UJ
CHLOROETHANE	10	10 U	12 UJ	13 U	32 UJ	10 U	24 U	22 U	21 UJ
METHYLENE CHLORIDE	5	5 U	6 UJ	7 U	39 UJ	5 U	12 U	11 U	10 U
ACETONE	10	10 U	12 UJ	13 U	32 UJ	9 UJ	310 UJ	22 U	21 UJ
CARBON DISULFIDE	5	5 U	6 UJ	7 U	16 UJ	5 U	60	11 U	10 U
1,1-DICHLOROETHENE	5	5 U	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 U
1,1-DICHLOROETHANE	5	5 U	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 UJ
1,2-DICHLOROETHENE (TOTAL)	5	13	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 U
CHLOROFORM	5	5 U	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 U
1,2-DICHLOROETHANE	5	5 U	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 U
2-BUTANONE	10	10 U	12 UJ	13 U	32 UJ	10 U	44	22 U	21 U
1,1,1-TRICHLOROETHANE	5	5 U	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 U
CARBON TETRACHLORIDE	5	5 U	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 U
VINYL ACETATE	10	10 U	12 UJ	13 U	32 UJ	10 U	24 U	22 U	21 UJ
BROMODICHLOROMETHANE	5	5 U	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 U
1,2-DICHLOROPROPANE	5	5 U	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 U
CIS-1,3-DICHLOROPROPENE	5	5 U	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 U
TRICHLOROETHENE	5	5 U	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 U
DIBROMOCHLOROMETHANE	5	5 U	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 U
1,1,2-TRICHLOROETHANE	5	5 U	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 U
BENZENE	5	5 U	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 U
TRANS-1,3-DICHLOROPROPENE	5	5 U	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 U
BROMOFORM	5	5 U	6 UJ	7 U	16 UJ	5 U	12 U	11 U	10 U
4-METHYL-2-PENTANONE	10	10 UJ	12 UJ	13 UJ	32 UJ	10 UJ	24 UJ	22 U	21 U
2-HEXANONE	10	10 UJ	12 UJ	13 UJ	32 UJ	10 UJ	24 UJ	22 U	21 U
TETRACHLOROETHENE	5	5 UJ	6 UJ	7 UJ	16 UJ	5 UJ	12 UJ	11 U	10 U
1,1,2,2-TETRACHLOROETHANE	5	5 UJ	6 UJ	7 UJ	16 UJ	5 UJ	12 UJ	11 U	10 U
TOLUENE	5	5 UJ	6 UJ	7 UJ	16 UJ	5 UJ	9 J	11 U	10 U
CHLOROBENZENE	5	5 UJ	6 UJ	7 UJ	16 UJ	5 UJ	12 UJ	11 U	10 U
ETHYL BENZENE	5	5 UJ	6 UJ	7 UJ	16 UJ	5 UJ	12 UJ	11 U	10 U
STYRENE	5	5 UJ	6 UJ	7 UJ	16 UJ	5 UJ	12 UJ	11 U	10 U
TOTAL XYLENES	5	5 UJ	6 UJ	7 UJ	16 UJ	5 UJ	12 UJ	11 U	10 U
% MOISTURE:	4	19	25	69	2	58	54	52	
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
DATE SAMPLED:	6/19/91	6/19/91	6/19/91	6/19/91	6/18/91	6/19/91	6/19/91	6/19/91	
DATE ANALYZED:	7/01/91	6/30/91	7/01/91	7/16/91	7/01/91	7/01/91	7/01/91	6/30/91	
ASSOCIATED BLANKS:	82SB02-R	82SB02-R	82SB02-R	82SB02-R	82SB02-R	82SB02-R	82SB02-R	82SB02-R	
	82SB03-T	82SB03-T	82SB03-T	82SB03-T	82SB03-T	82SB03-T	82SB03-T	82SB03-T	

DOC. NO.: CLEJ-00/02-4.08-04/10/92

VOLATILE ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 82
 CASE: 5013/5019

SAMPLE LOCATION: MW02-0002-D MW02-0305 MW03-0002 MW03-1214
 SAMPLE NUMBER:
 QC DESIGNATION: CRQL FIELD DUPLICATE

CHLOROMETHANE	10	11 U	18 UJ	11 UJ	12 U
BROMOMETHANE	10	11 UJ	18 UJ	11 UJ	12 UJ
VINYL CHLORIDE	10	11 U	18 UJ	11 UJ	12 U
CHLOROETHANE	10	11 UJ	18 UJ	11 UJ	12 UJ
METHYLENE CHLORIDE	5	6 U	9 UJ	5 UJ	6 U
ACETONE	10	11 U	13 UJ	11 UJ	12 U
CARBON DISULFIDE	5	6 U	9 UJ	5 UJ	6 U
1,1-DICHLOROETHENE	5	6 U	9 UJ	5 UJ	6 U
1,1-DICHLOROETHANE	5	6 U	9 UJ	5 UJ	6 U
1,2-DICHLOROETHENE (TOTAL)	5	6 U	9 UJ	5 UJ	6 U
CHLOROPFORM	5	6 U	9 UJ	5 UJ	6 U
1,2-DICHLOROETHANE	5	6 U	9 UJ	5 UJ	6 U
2-BUTANONE	10	11 U	18 UJ	11 UJ	12 U
1,1,1-TRICHLOROETHANE	5	6 U	9 UJ	5 UJ	6 U
CARBON TETRACHLORIDE	5	6 U	9 UJ	5 UJ	6 U
VINYL ACETATE	10	11 U	18 UJ	11 UJ	12 U
BROMODICHLOROMETHANE	5	6 U	9 UJ	5 UJ	6 U
1,2-DICHLOROPROPANE	5	6 U	9 UJ	5 UJ	6 U
CIS-1,3-DICHLOROPROPENE	5	6 U	9 UJ	5 UJ	6 U
TRICHLOROETHENE	5	6 U	9 UJ	5 UJ	6 U
DIBROMOCHLOROMETHANE	5	6 U	9 UJ	5 UJ	6 U
1,1,2-TRICHLOROETHANE	5	6 U	9 UJ	5 UJ	6 U
BENZENE	5	6 U	9 UJ	5 UJ	6 U
TRANS-1,3-DICHLOROPROPENE	5	6 U	9 UJ	5 UJ	6 U
BROMOFORM	5	6 U	9 UJ	5 UJ	6 U
4-METHYL-2-PENTANONE	10	11 U	18 UJ	11 UJ	12 U
2-HEXANONE	10	11 U	18 UJ	11 UJ	12 U
TETRACHLOROETHENE	5	6 U	9 UJ	5 UJ	6 U
1,1,2,2-TETRACHLOROETHANE	5	6 U	9 UJ	5 UJ	6 U
TOLUENE	5	6 U	9 UJ	5 UJ	6 U
CHLOROBENZENE	5	6 U	9 UJ	5 UJ	6 U
ETHYL BENZENE	5	6 U	9 UJ	5 UJ	6 U
STYRENE	5	6 U	9 UJ	5 UJ	6 U
TOTAL XYLENES	5	6 U	9 UJ	5 UJ	6 U

% MOISTURE:	13	45	5	20
DILUTION FACTOR:	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/17/91	6/17/91	6/18/91	6/17/91
DATE ANALYZED:	6/29/91	6/29/91	6/29/91	6/29/91
ASSOCIATED BLANKS:	82MW02-0002-T	82MW02-0002-T	82MW02-0002-T	82MW02-0002-T

PESTICIDE/PCB ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 82
 CASE: 5013/5019

SAMPLE LOCATION:	SB05-0002	SB05-1517	SB06-0002	SB06-1012	SB06-1012-D	MW01-0002	MW01-0406	MW02-0002
SAMPLE NUMBER:								
QC DESIGNATION:	CRQL					FIELD DUPLICATE		

ALPHA-BHC	0.05	4.2 U	4.8 U	4.1 U	4.6 U	4.7 U	5.6 U	4.8 U	4.5 U
BETA-BHC	0.05	4.2 U	4.8 U	4.1 U	4.6 U	4.7 U	5.6 U	4.8 U	4.5 U
DELTA-BHC	0.05	4.2 U	4.8 U	4.1 U	4.6 U	4.7 U	5.6 U	4.8 U	4.5 U
GAMMA-BHC (LINDANE)	0.05	4.2 U	4.8 U	4.1 U	4.6 U	4.7 U	5.6 U	4.8 U	4.5 U
HEPTACHLOR	0.05	4.2 U	4.8 U	4.1 U	4.6 U	4.7 U	5.6 U	4.8 U	4.5 U
ALDRIN	0.05	4.2 U	4.8 U	4.1 U	4.6 U	4.7 U	5.6 U	4.8 U	4.5 U
HEPTACHLOR EPOXIDE	0.05	4.2 U	4.8 U	4.1 U	4.6 U	4.7 U	5.6 U	4.8 U	4.5 U
ENDOSULFAN I	0.05	4.2 U	4.8 U	4.1 U	4.6 U	4.7 U	5.6 U	4.8 U	4.5 U
DIELDRIN	0.10	42	9.6 U	33	54	38	11 U	9.5 U	8.9 U
4,4'-DDE	0.10	8.4 U	9.6 U	8.2 U	9.3 U	9.3 U	11 U	9.5 U	8.9 U
ENDRIN	0.10	8.4 U	9.6 U	8.2 U	9.3 U	9.3 U	11 U	9.5 U	8.9 U
ENDOSULFAN II	0.10	8.4 U	9.6 U	8.2 U	9.3 U	9.3 U	11 U	9.5 U	8.9 U
4,4'-DDD	0.10	8.4 U	9.6 U	8.2 U	9.3 U	9.3 U	11 U	9.5 U	8.9 U
ENDOSULFAN SULFATE	0.10	8.4 U	9.6 U	8.2 U	9.3 U	9.3 U	11 U	9.5 U	8.9 U
4,4'-DDT	0.10	8.4 U	9.6 U	8.2 U	9.3 U	9.3 U	11 U	9.5 U	8.9 U
METHOXYCHLOR	0.5	42 U	48 U	41 U	46 U	47 U	56 U	48 U	45 U
ENDRIN KETONE	0.10	8.4 U	9.6 U	8.2 U	9.3 U	9.3 U	11 U	9.5 U	8.9 U
ALPHA-CHLORODANE	0.5	42 U	48 U	41 U	46 U	47 U	56 U	48 U	45 U
GAMMA-CHLORODANE	0.5	42 U	48 U	41 U	46 U	47 U	56 U	48 U	45 U
TOXAPHENE	1.0	84 U	96 U	82 U	93 U	93 U	110 U	95 U	89 U
AROCLOR 1016	0.5	42 U	48 U	41 U	46 U	47 U	56 U	48 U	45 U
AROCLOR 1221	0.5	42 U	48 U	41 U	46 U	47 U	56 U	48 U	45 U
AROCLOR 1232	0.5	42 U	48 U	41 U	46 U	47 U	56 U	48 U	45 U
AROCLOR 1242	0.5	42 U	48 U	41 U	46 U	47 U	56 U	48 U	45 U
AROCLOR 1248	0.5	42 U	48 U	41 U	46 U	47 U	56 U	48 U	45 U
AROCLOR 1254	1.0	84 U	96 U	82 U	93 U	93 U	110 U	95 U	89 U
AROCLOR 1260	1.0	84 U	96 U	82 U	93 U	93 U	110 U	95 U	230 J

% MOISTURE:	5	17	3	14	14	28	16	10
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/18/91	6/18/91	6/18/91	6/18/91	6/18/91	6/18/91	6/18/91	6/17/91
DATE EXTRACTED:	6/20/91	6/20/91	6/20/91	6/20/91	6/20/91	6/20/91	6/20/91	6/20/91
DATE ANALYZED:	8/02/91	8/02/91	8/02/91	8/02/91	8/02/91	8/02/91	8/02/91	8/02/91
ASSOCIATED BLANKS:								

PESTICIDE/PCB ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 82
 CASE: 5013/5019

SAMPLE LOCATION: MW02-0002-D MW02-0305 MW03-0002 MW03-1214
 SAMPLE NUMBER:
 QC DESIGNATION: CRQL FIELD DUPLICATE

ALPHA-BHC	0.05	5.9 U	7.8 U	4.1 U	4.9 U
BETA-BHC	0.05	5.9 U	7.8 U	4.1 U	4.9 U
DELTA-BHC	0.05	5.9 U	7.8 U	4.1 U	4.9 U
GAMMA-BHC (LINDANE)	0.05	5.9 U	7.8 U	4.1 U	4.9 U
HEPTACHLOR	0.05	5.9 U	7.8 U	4.1 U	4.9 U
ALDRIN	0.05	5.9 U	7.8 U	4.1 U	4.9 U
HEPTACHLOR EPOXIDE	0.05	5.9 U	7.8 U	4.1 U	4.9 U
ENDOSULFAN I	0.05	5.9 U	7.8 U	4.1 U	4.9 U
DIELDRIN	0.10	12 U	16 U	8.3 U	9.9 U
4,4'-DDE	0.10	12 U	16 U	8.3 U	9.9 U
ENDRIN	0.10	12 U	16 U	8.3 U	9.9 U
ENDOSULFAN II	0.10	12 U	16 U	8.3 U	9.9 U
4,4'-DDD	0.10	12 U	16 U	8.3 U	9.9 U
ENDOSULFAN SULFATE	0.10	12 U	16 U	8.3 U	9.9 U
4,4'-DDT	0.10	12 U	16 U	8.3 U	9.9 U
METHOXYCHLOR	0.5	59 U	78 U	41 U	49 U
ENDRIN KETONE	0.10	12 U	16 U	8.3 U	9.9 U
ALPHA-CHLORODANE	0.5	59 U	78 U	41 U	49 U
GAMMA-CHLORODANE	0.5	59 U	78 U	41 U	49 U
TOXAPHENE	1.0	120 U	160 U	83 U	99 U
AROCLOR 1016	0.5	59 U	78 U	41 U	49 U
AROCLOR 1221	0.5	59 U	78 U	41 U	49 U
AROCLOR 1232	0.5	59 U	78 U	41 U	49 U
AROCLOR 1242	0.5	59 U	78 U	41 U	49 U
AROCLOR 1248	0.5	59 U	78 U	41 U	49 U
AROCLOR 1254	1.0	120 U	160 U	83 U	99 U
AROCLOR 1260	1.0	120 U	160 U	83 U	99 U

% MOISTURE:	32	49	3	19
DILUTION FACTOR:	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/17/91	6/17/91	6/18/91	6/17/91
DATE EXTRACTED:	6/20/91	6/20/91	6/20/91	6/20/91
DATE ANALYZED:	8/02/91	8/02/91	8/02/91	8/02/91
ASSOCIATED BLANKS:				

SITE 82
GROUNDWATER DATA

VOLATILE ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - SITE 82
 CASE: 5075

SAMPLE LOCATION:	GW01	GW02	GW02-D	GW03	GW31
SAMPLE NUMBER:					
QC DESIGNATION: CRQL			FIELD DUPLICATE		
CHLOROMETHANE	10	10 U	10 U	10 U	10 U
BROMOMETHANE	10	10 U	10 U	10 U	10 U
VINYL CHLORIDE	10	10 U	10 U	10 U	10 U
CHLOROETHANE	10	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	5	3 UJ	5 U	5 U	5 U
ACETONE	10	10 U	10 U	10 U	10 U
CARBON DISULFIDE	5	5 U	5 U	5 U	5 U
1,1-DICHLOROETHENE	5	5 U	5 U	5 U	5 U
1,1-DICHLOROETHANE	5	5 U	5 U	5 U	5 U
1,2-DICHLOROETHENE (TOTAL)	5	5 U	5 U	5 U	5 U
CHLOROPFORM	5	5 U	5 U	5 U	3 UJ
1,2-DICHLOROETHANE	5	5 U	5 U	5 U	5 U
2-BUTANONE	10	10 U	10 U	10 U	10 U
1,1,1-TRICHLOROETHANE	5	5 U	5 U	5 U	5 U
CARBON TETRACHLORIDE	5	5 U	5 U	5 U	5 U
VINYL ACETATE	10	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	5	5 U	5 U	5 U	5 U
1,2-DICHLOROPROPANE	5	5 U	5 U	5 U	5 U
CIS-1,3-DICHLOROPROPENE	5	5 U	5 U	5 U	5 U
TRICHLOROETHENE	5	5 U	5 U	5 U	5 U
DIBROMOCHLOROMETHANE	5	5 U	5 U	5 U	5 U
1,1,2-TRICHLOROETHANE	5	5 U	5 U	5 U	5 U
BENZENE	5	5 U	5 U	5 U	5 U
TRANS-1,3-DICHLOROPROPENE	5	5 U	5 U	5 U	5 U
BROMOPFORM	5	5 U	5 U	5 U	5 U
4-METHYL-2-PENTANONE	10	10 U	10 U	10 U	10 U
2-HEXANONE	10	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	5	5 U	5 U	5 U	5 U
1,1,2,2-TETRACHLOROETHANE	5	5 U	5 U	5 U	5 U
TOLUENE	5	5 U	5 U	5 U	5 U
CHLOROBENZENE	5	5 U	5 U	5 U	5 U
ETHYL BENZENE	5	5 U	5 U	5 U	5 U
STYRENE	5	5 U	5 U	5 U	5 U
TOTAL XYLENES	5	5 U	5 U	5 U	5 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/27/91	6/27/91	6/27/91	6/27/91	6/27/91
DATE ANALYZED:	7/10/91	7/10/91	7/10/91	7/10/91	7/11/91
ASSOCIATED BLANKS:	82GW01-F	82GW01-F	82GW01-F	82GW01-F	82GW01-F
	82GW31-R	82GW31-R	82GW31-R	82GW31-R	82GW31-R
	80GW02-R	80GW02-R	80GW02-R	80GW02-R	80GW02-R
	07GW03-R	07GW03-R	07GW03-R	07GW03-R	07GW03-R
	07GW03-T	07GW03-T	07GW03-T	07GW03-T	07GW03-T
	DECON-F	DECON-F	DECON-F	DECON-F	DECON-F

PESTICIDE/PCB AQUEOUS ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - SITE 82

CASE: 5075

SAMPLE LOCATION: GW01 GW02 GW02-D GW03 GW31
 SAMPLE NUMBER:
 QC DESIGNATION: CRQL FIELD DUPLICATE

ALPHA-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
BETA-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DELTA-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
GAMMA-BHC (LINDANE)	0.05	0.10	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ALDRIN	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR EPOXIDE	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN I	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DIELDRIN	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
ENDRIN	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
ENDOSULFAN II	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDD	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
ENDOSULFAN SULFATE	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
METHOXYCHLOR	0.5	0.50 U	0.49 U	0.50 U	0.49 U	0.50 U
ENDRIN KETONE	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
ALPHA-CHLORODANE	0.5	0.50 U	0.49 U	0.50 U	0.49 U	0.50 U
GAMMA-CHLORODANE	0.5	0.50 U	0.49 U	0.50 U	0.49 U	0.50 U
TOXAPHENE	1.0	1.0 U	0.98 U	0.99 U	0.99 U	1.0 U
AROCLOR 1016	0.5	0.50 U	0.49 U	0.50 U	0.49 U	0.50 U
AROCLOR 1221	0.5	0.50 U	0.49 U	0.50 U	0.49 U	0.50 U
AROCLOR 1232	0.5	0.50 U	0.49 U	0.50 U	0.49 U	0.50 U
AROCLOR 1242	0.5	0.50 U	0.49 U	0.50 U	0.49 U	0.50 U
AROCLOR 1248	0.5	0.50 U	0.49 U	0.50 U	0.49 U	0.50 U
AROCLOR 1254	1.0	1.0 U	0.98 U	0.99 U	0.99 U	1.0 U
AROCLOR 1260	1.0	1.0 U	0.98 U	0.99 U	15	1.0 U

DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/27/91	6/27/91	6/27/91	6/27/91	6/27/91
DATE EXTRACTED:	7/03/91	7/03/91	7/03/91	7/03/91	7/03/91
DATE ANALYZED:	8/08/91	8/12/91	8/12/91	8/09/91	8/09/91
ASSOCIATED BLANKS:	82GW01-F	82GW01-F	82GW01-F	82GW01-F	82GW01-F
	82GW31-R	82GW31-R	82GW31-R	82GW31-R	82GW31-R
	80GW02-R	80GW02-R	80GW02-R	80GW02-R	80GW02-R
	07GW03-F	07GW03-F	07GW03-F	07GW03-F	07GW03-F
	07GW03-R	07GW03-R	07GW03-R	07GW03-R	07GW03-R
	DECON-F	DECON-F	DECON	DECON-F	DECON-F

SITE 82

SURFACE WATER DATA

VOLATILE ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - SITE 82
 CASE: 5000/5005

		SW01	SW01-D	SW02	SW03	SW04	SW05	SW06
SAMPLE LOCATION:								
SAMPLE NUMBER:								
QC DESIGNATION: CRQL			FIELD DUPLICATE					
CHLOROMETHANE	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	10	11	10	10 U	10 U	10 U	10 U	10
CHLOROETHANE	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ACETONE	10	10 U	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 U
CARBON DISULFIDE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-DICHLOROETHENE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-DICHLOROETHANE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-DICHLOROETHENE (TOTAL)	5	16	15	64	7	7	6	18
CHLOROFORM	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-DICHLOROETHANE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-BUTANONE	10	10 U	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 U
1,1,1-TRICHLOROETHANE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
CARBON TETRACHLORIDE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
VINYL ACETATE	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-DICHLOROPROPANE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
CIS-1,3-DICHLOROPROPENE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
TRICHLOROETHENE	5	5 U	3 J	74	5 U	3 J	5 U	5 U
DIBROMOCHLOROMETHANE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-TRICHLOROETHANE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
BENZENE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
TRANS-1,3-DICHLOROPROPENE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
BROMOFORM	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-METHYL-2-PENTANONE	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	10	10 U	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 U
TETRACHLOROETHENE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-TETRACHLOROETHANE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
TOLUENE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
CHLOROBENZENE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
ETHYL BENZENE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
STYRENE	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
TOTAL XYLENES	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		6/13/91	6/13/91	6/15/91	6/15/91	6/15/91	6/15/91	6/13/91
DATE ANALYZED:		6/25/91	6/25/91	6/23/91	6/23/91	6/23/91	6/23/91	6/25/91
ASSOCIATED BLANKS:		82SW06-R 82SD06-R	82SW06-R 82SD06-R	82SW06-R 82SD06-R				82SW06-R 82SD06-R

DOC.No.: CLEJ-00702-4.08-04/16/92

PESTICIDE/PCB AQUEOUS ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - SITE 82
 CASE: 5005/4997

		SW01	SW01-D	SW02	SW03	SW04	SW05	SW06
	SAMPLE LOCATION:							
	SAMPLE NUMBER:							
	QC DESIGNATION: CRQL		FIELD DUPLICATE					
ALPHA-BHC	0.05	0.05 U	0.05 U	0.05 U	0.55 U	0.05 U	0.05 U	0.05 U
BETA-BHC	0.05	0.05 U	0.05 U	0.05 U	0.84	0.05 U	0.05 U	0.05 U
DELTA-BHC	0.05	0.05 U	0.05 U	0.05 U	1.6	0.05 U	0.05 U	0.05 U
GAMMA-BHC (LINDANE)	0.05	0.05 U	0.05 U	0.05 U	2.5	0.05 U	0.05 U	0.05 U
HEPTACHLOR	0.05	0.05 U	0.05 U	0.05 U	4.1	0.07 J	0.05 U	0.05 U
ALDRIN	0.05	0.05 U	0.05 U	0.05 U	2.3	0.06 J	0.05 J	0.05 U
HEPTACHLOR EPOXIDE	0.05	0.05 U	0.05 U	0.05 U	0.55 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN I	0.05	0.05 U	0.05 U	0.05 U	0.55 U	0.05 U	0.05 U	0.05 U
DIELDRIN	0.10	0.10 U	0.10 U	0.11 U	1.1 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	0.10	0.10 U	0.10 U	0.11 U	1.1 U	0.10 U	0.10 U	0.10 U
ENDRIN	0.10	0.10 U	0.10 U	0.11 U	1.1 U	0.10 U	0.10 U	0.10 U
ENDOSULFAN II	0.10	0.10 U	0.10 U	0.11 U	1.1 U	0.10 U	0.10 U	0.10 U
4,4'-DDD	0.10	0.10 U	0.10 U	0.11 U	1.1 U	0.10 U	0.10 U	0.10 U
ENDOSULFAN SULFATE	0.10	0.10 U	0.10 U	0.11 U	1.1 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	0.10	0.10 U	0.10 U	0.11 U	1.1 U	0.10 U	0.10 U	0.10 U
METHOXYCHLOR	0.5	0.49 U	0.50 U	0.53 U	5.5 U	0.50 U	0.50 U	0.52 U
ENDRIN KETONE	0.10	0.10 U	0.10 U	0.11 U	1.1 U	0.10 U	0.10 U	0.10 U
ALPHA-CHLORODANE	0.5	0.49 U	0.50 U	0.53 U	5.5 U	0.50 U	0.50 U	0.52 U
GAMMA-CHLORODANE	0.5	0.49 U	0.50 U	0.53 U	5.5 U	0.50 U	0.50 U	0.52 U
TOXAPHENE	1.0	0.98 U	0.99 U	1.1 U	11 U	1.0 U	1.0 U	1.0 U
AROCLOR 1016	0.5	0.49 U	0.50 U	0.53 U	5.5 U	0.50 U	0.50 U	0.52 U
AROCLOR 1221	0.5	0.49 U	0.50 U	0.53 U	5.5 U	0.50 U	0.50 U	0.52 U
AROCLOR 1232	0.5	0.49 U	0.50 U	0.53 U	5.5 U	0.50 U	0.50 U	0.52 U
AROCLOR 1242	0.5	0.49 U	0.50 U	0.53 U	80	0.50 U	0.50 U	0.52 U
AROCLOR 1248	0.5	0.49 U	0.50 U	0.53 U	5.5 U	0.50 U	0.50 U	0.52 U
AROCLOR 1254	1.0	0.98 U	0.99 U	1.1 U	11 U	1.0 U	1.0 U	1.0 U
AROCLOR 1260	1.0	0.98 U	0.99 U	1.1 U	11 U	1.0 U	1.0 U	1.0 U

DILUTION FACTOR:	1.0	1.0	1.0	10.0	1.0	1.0	1.0
DATE SAMPLED:	6/13/91	6/13/91	6/15/91	6/15/91	6/15/91	6/15/91	6/13/91
DATE EXTRACTED:	6/20/91	6/20/91	6/20/91	6/21/91	6/21/91	6/21/91	6/20/91
DATE ANALYZED:	7/20/91	7/20/91	7/23/91	7/23/91	7/23/91	7/23/91	7/20/91
ASSOCIATED BLANKS:	82SW06-R	82SW06-R	82SW06-R	82SW06-R	82SW06-R	82SW06-R	82SW06-R
	82SD06-R	82SD06-R	82SD06-R	82SD06-R	82SD06-R	82SD06-R	82SD06-R
	54SB02-R	54SB02-R	54SB02-R	54SB02-R	54SB02-R	54SB02-R	54SB02-R
	80GW03-R	80GW03-R	80GW03-R	80GW03-R	80GW03-R	80GW03-R	80GW03-R
	80MW01-R	80MW01-R	80MWO	80MW01-R	80MW01-R	80MW01-R	80MW01-R

SITE 82

SEDIMENT DATA

VOLATILE ANALYSIS (ug/kg)
 SITE: CAMP LEJEUNE - SITE 82
 CASE: 5000/5005

		SD01	SD01-D	SD02	SD03	SD04	SD05	SD06
SAMPLE LOCATION:								
SAMPLE NUMBER:								
QC DESIGNATION: CRQL			FIELD DUPLICATE					
CHLOROMETHANE	10	26 UJ	31 UJ	14 U	20 U	19 U	20 U	17 UJ
BROMOMETHANE	10	26 U	31 U	14 U	20 U	19 U	20 U	17 U
VINYL CHLORIDE	10	26 U	31 U	14 U	20 U	19 U	20 U	17 U
CHLOROETHANE	10	26 U	31 U	14 U	20 U	19 U	20 U	17 U
METHYLENE CHLORIDE	5	13 U	16 U	7 U	10 U	9 U	10 U	8 U
ACETONE	10	26 U	31 U	14 U	20 U	19 U	20 UJ	17 U
CARBON DISULFIDE	5	13 U	16 U	7 U	14	9 U	14	8 U
1,1-DICHLOROETHENE	5	13 U	16 U	7 U	10 U	9 U	10 U	8 U
1,1-DICHLOROETHANE	5	13 U	16 U	7 U	10 U	9 U	10 U	8 U
1,2-DICHLOROETHENE (TOTAL)	5	13 U	16 U	57	20	14	10 U	8 U
CHLOROFORM	5	13 U	16 U	7 U	10 U	9 U	10 U	8 U
1,2-DICHLOROETHANE	5	13 U	16 U	7 U	10 U	9 U	10 U	8 U
2-BUTANONE	10	26 U	31 U	14 U	20 U	19 U	20 U	17 UJ
1,1,1-TRICHLOROETHANE	5	13 U	16 U	7 U	10 U	9 U	10 U	8 UJ
CARBON TETRACHLORIDE	5	13 U	16 U	7 U	10 U	9 U	10 U	8 UJ
VINYL ACETATE	10	26 U	31 U	14 U	20 U	19 U	20 U	17 UJ
BROMODICHLOROMETHANE	5	13 U	16 U	7 U	10 U	9 U	10 U	8 UJ
1,2-DICHLOROPROPANE	5	13 U	16 U	7 U	10 U	9 U	10 U	8 UJ
CIS-1,3-DICHLOROPROPENE	5	13 U	16 U	7 U	10 U	9 U	10 U	8 UJ
TRICHLOROETHENE	5	13 U	16 U	7 U	10 U	9 U	10 U	8 UJ
DIBROMOCHLOROMETHANE	5	13 U	16 U	7 U	10 U	9 U	10 U	8 UJ
1,1,2-TRICHLOROETHANE	5	13 U	16 U	7 U	10 U	9 U	10 U	8 UJ
BENZENE	5	13 U	16 U	7 U	10 U	9 U	10 U	8 UJ
TRANS-1,3-DICHLOROPROPENE	5	13 U	16 U	7 U	10 U	9 U	10 U	8 UJ
BROMOFORM	5	13 U	16 U	7 U	10 U	9 U	10 U	8 UJ
4-METHYL-2-PENTANONE	10	26 UJ	31 UJ	14 U	20 U	19 U	20 U	17 UJ
2-HEXANONE	10	26 UJ	31 UJ	14 U	20 U	19 U	20 U	17 UJ
TETRACHLOROETHENE	5	13 UJ	16 UJ	7 U	10 U	9 U	10 U	8 UJ
1,1,2,2-TETRACHLOROETHANE	5	13 UJ	16 UJ	7 U	10 U	9 U	10 U	8 UJ
TOLUENE	5	13 UJ	16 UJ	7 U	10 U	9 U	10 U	8 UJ
CHLOROBENZENE	5	13 UJ	16 UJ	7 U	10 U	9 U	10 U	8 UJ
ETHYL BENZENE	5	13 UJ	16 UJ	7 U	10 U	9 U	10 U	8 UJ
STYRENE	5	13 UJ	16 UJ	7 U	10 U	9 U	10 U	8 UJ
TOTAL XYLENES	5	13 UJ	16 UJ	7 U	10 U	9 U	10 U	8 UJ
% MOISTURE:		62	68	29	51	47	51	40
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		6/13/91	6/13/91	6/15/91	6/15/91	6/15/91	6/15/91	6/13/91
DATE ANALYZED:		6/25/91	6/25/91	6/26/91	6/28/91	6/26/91	6/27/91	6/25/91
ASSOCIATED BLANKS:		82SD06-R	82SD06-R	82SD06-R	82SW02-T	82SW02-T	82SW02-T	82SD06-R
		82SW06-R	82SW06-R	82SW06-R	80MW01-R	80MW01-R	80MW01-R	82SW06-R
					80GW03-R	80GW03-R	80GW03-R	

BLANKS
CHEMICAL ANALYTICAL DATA

TRIP BLANKS

VOLATILE ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - TRIP BLANKS

CASE: 5075/5054/5064/4961/4997/5013/5019/5005

		07GW03-T	07SB05-T	54GW03-T	54SB02-T	80SB04-T	82MW02-0002-T	82SB03-T	82SW02-T
SAMPLE LOCATION:									
SAMPLE NUMBER:									
QC DESIGNATION: CRQL									
CHLOROMETHANE	10	10 U	10 U	NA	NA	20 U	10 U	10 U	10 U
BROMOMETHANE	10	10 U	10 U	NA	NA	20 U	10 U	10 U	10 U
VINYL CHLORIDE	10	10 U	10 U	NA	NA	20 U	10 U	10 U	10 U
CHLOROETHANE	10	10 U	10 U	NA	NA	20 U	10 U	10 U	10 U
METHYLENE CHLORIDE	5	5 U	8 J	NA	NA	17	4 J	7	9
ACETONE	10	54 J	150	NA	NA	160 J	37 J	160	290 J
CARBON DISULFIDE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
1,1-DICHLOROETHENE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
1,1-DICHLOROETHANE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
1,2-DICHLOROETHENE (TOTAL)	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
CHLOROFORM	5	30	35	NA	NA	31	30	32	32
1,2-DICHLOROETHANE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
2-BUTANONE	10	10 U	10 U	NA	NA	20 U	10 U	10 U	10 UJ
1,1,1-TRICHLOROETHANE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
CARBON TETRACHLORIDE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
VINYL ACETATE	10	10 U	10 U	NA	NA	20 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
1,2-DICHLOROPROPANE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
CIS-1,3-DICHLOROPROPENE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
TRICHLOROETHENE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
DIBROMOCHLOROMETHANE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
1,1,2-TRICHLOROETHANE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
BENZENE	5	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
TRANS-1,3-DICHLOROPROPENE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
BROMOFORM	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
4-METHYL-2-PENTANONE	10	10 U	10 U	NA	NA	20 U	10 U	10 U	10 U
2-HEXANONE	10	10 U	10 U	NA	NA	20 U	10 U	10 U	10 UJ
TETRACHLOROETHENE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
1,1,2,2-TETRACHLOROETHANE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
TOLUENE	5	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
CHLOROBENZENE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
ETHYL BENZENE	5	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
STYRENE	5	5 U	5 U	NA	NA	10 U	5 U	5 U	5 U
TOTAL XYLENES	5	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
DILUTION FACTOR:									
DATE SAMPLED:									
DATE ANALYZED:									
ASSOCIATED BLANKS:									

FIELD BLANKS

VOLATILE ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - FIELD BLANKS
 CASE: 5075/4961/5054

SAMPLE LOCATION: DECON-F 03SD02-F 07GW03-F 54GW04-F 82GW01-F
 SAMPLE NUMBER:
 QC DESIGNATION: CRQL

CHLOROMETHANE	10	10 U	NA	NA	NA	10 U
BROMOMETHANE	10	10 U	NA	NA	NA	10 U
VINYL CHLORIDE	10	10 U	NA	NA	NA	10 U
CHLOROETHANE	10	10 U	NA	NA	NA	10 U
METHYLENE CHLORIDE	5	4 J	NA	NA	NA	5 U
ACETONE	10	10 U	NA	NA	NA	32 J
CARBON DISULFIDE	5	5 U	NA	NA	NA	5 U
1,1-DICHLOROETHENE	5	5 U	NA	NA	NA	5 U
1,1-DICHLOROETHANE	5	5 U	NA	NA	NA	5 U
1,2-DICHLOROETHENE (TOTAL)	5	5 U	NA	NA	NA	5 U
CHLOROFORM	5	31	NA	NA	NA	5 U
1,2-DICHLOROETHANE	5	5 U	NA	NA	NA	5 U
2-BUTANONE	10	10 U	NA	NA	NA	10 U
1,1,1-TRICHLOROETHANE	5	5 U	NA	NA	NA	5 U
CARBON TETRACHLORIDE	5	5 U	NA	NA	NA	5 U
VINYL ACETATE	10	10 U	NA	NA	NA	10 U
BROMODICHLOROMETHANE	5	11	NA	NA	NA	5 U
1,2-DICHLOROPROPANE	5	5 U	NA	NA	NA	5 U
CIS-1,3-DICHLOROPROPENE	5	5 U	NA	NA	NA	5 U
TRICHLOROETHENE	5	5 U	NA	NA	NA	5 U
DIBROMOCHLOROMETHANE	5	3 J	NA	NA	NA	5 U
1,1,2-TRICHLOROETHANE	5	5 U	NA	NA	NA	5 U
BENZENE	5	5 U	NA	NA	5 U	5 U
TRANS-1,3-DICHLOROPROPENE	5	5 U	NA	NA	NA	5 U
BROMOFORM	5	5 U	NA	NA	NA	5 U
4-METHYL-2-PENTANONE	10	10 U	NA	NA	NA	10 U
2-HEXANONE	10	10 U	NA	NA	NA	10 U
TETRACHLOROETHENE	5	5 U	NA	NA	NA	5 U
1,1,2,2-TETRACHLOROETHANE	5	5 U	NA	NA	NA	5 U
TOLUENE	5	5 U	NA	NA	5 U	5 U
CHLOROBENZENE	5	5 U	NA	NA	NA	5 U
ETHYL BENZENE	5	5 U	NA	NA	5 U	5 U
STYRENE	5	5 U	NA	NA	NA	5 U
TOTAL XYLENES	5	5 U	NA	NA	5 U	5 U

DILUTION FACTOR: 1.0 1.0 1.0
 DATE SAMPLED: 6/27/91 6/25/91 6/27/91
 DATE ANALYZED: 7/10/91 7/08/91 7/10/91
 ASSOCIATED BLANKS:

SEMIVOLATILE AQUEOUS ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - FIELD BLANKS

CASE: 5075/4961

SAMPLE LOCATION:	DECON-F	03SD02-F	07GW03-F	54GW04-F	82GW01-F	
SAMPLE NUMBER:						
QC DESIGNATION: CRQL						
PHENOL	10	10 U	10 U	10 U	NA	NA
BIS(2-CHLOROETHYL)ETHER	10	10 U	10 U	10 U	NA	NA
2-CHLOROPHENOL	10	10 U	10 U	10 U	NA	NA
1,3-DICHLOROBENZENE	10	10 U	10 U	10 U	NA	NA
1,4-DICHLOROBENZENE	10	10 U	10 U	10 U	NA	NA
BENZYL ALCOHOL	10	10 U	10 U	10 U	NA	NA
1,2-DICHLOROBENZENE	10	10 U	10 U	10 U	NA	NA
2-METHYLPHENOL	10	10 U	10 U	10 U	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	10	10 U	10 U	10 U	NA	NA
4-METHYLPHENOL	10	10 U	10 U	10 U	NA	NA
N-NITROSODI-N-PROPYLAMINE	10	10 U	10 U	10 U	NA	NA
HEXACHLOROETHANE	10	10 U	10 U	10 U	NA	NA
NITROBENZENE	10	10 U	10 U	10 U	NA	NA
ISOPHORONE	10	10 U	10 U	10 U	NA	NA
2-NITROPHENOL	10	10 U	10 U	10 U	NA	NA
2,4-DIMETHYLPHENOL	10	10 U	10 U	10 U	NA	NA
BENZOIC ACID	50	50 U	50 U	51 U	NA	NA
BIS(2-CHLOROETHOXY)METHANE	10	10 U	10 U	10 U	NA	NA
2,4-DICHLOROPHENOL	10	10 U	10 U	10 U	NA	NA
1,2,4-TRICHLOROBENZENE	10	10 U	10 U	10 U	NA	NA
NAPHTHALENE	10	10 U	10 U	10 U	NA	NA
4-CHLORANILINE	10	10 U	10 U	10 U	NA	NA
HEXACHLOROBUTADIENE	10	10 U	10 U	10 U	NA	NA
4-CHLORO-3-METHYLPHENOL	10	10 U	10 U	10 U	NA	NA
2-METHYLNAPHTHALENE	10	10 U	10 U	10 U	NA	NA
HEXACHLOROCYCLOPENTADIENE	10	10 U	10 U	10 U	NA	NA
2,4,6-TRICHLOROPHENOL	10	10 U	10 U	10 U	NA	NA
2,4,5-TRICHLOROPHENOL	50	50 U	50 U	51 U	NA	NA
2-CHLORONAPHTHALENE	10	10 U	10 U	10 U	NA	NA
2-NITROANILINE	50	50 U	50 U	51 U	NA	NA
DIMETHYL PHTHALATE	10	10 U	10 U	10 U	NA	NA
ACENAPHTHYLENE	10	10 U	10 U	10 U	NA	NA
2,6-DINITROTOLUENE	10	10 U	10 U	10 U	NA	NA
3-NITROANILINE	50	50 U	50 U	51 U	NA	NA
ACENAPHTHENE	10	10 U	10 U	10 U	NA	NA
2,4-DINITROPHENOL	50	50 U	50 U	51 U	NA	NA
4-NITROPHENOL	50	50 U	50 U	51 U	NA	NA

SEMIVOLATILE AQUEOUS ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - FIELD BLANKS

CASE: 5075/4961

SAMPLE LOCATION:	DECON-F	03SD02-F	07GW03-F	54GW04-F	82GW01-F	
SAMPLE NUMBER:						
QC DESIGNATION: CRQL						
DIBENZOFURAN	10	10 U	10 U	10 U	NA	NA
2,4-DINITROTOLUENE	10	10 U	10 U	10 U	NA	NA
DIETHYL PHTHALATE	10	10 U	10 UJ	10 U	NA	NA
4-CHLOROPHENYL-PHENYLETHER	10	10 U	10 U	10 U	NA	NA
FLUORENE	10	10 U	10 U	10 U	NA	NA
4-NITROANILINE	50	50 U	50 U	51 U	NA	NA
4,6-DINITRO-2-METHYLPHENOL	50	50 U	50 U	51 U	NA	NA
N-NITROSODIPHENLYAMINE	10	10 U	10 U	10 U	NA	NA
4-BROMOPHENYL-PHENYLETHER	10	10 U	10 U	10 U	NA	NA
HEXACHLOROBENZENE	10	10 U	10 U	10 U	NA	NA
PENTACHLOROPHENOL	50	50 U	50 U	51 U	NA	NA
PHENANTHRENE	10	10 U	10 U	10 U	NA	NA
ANTHRACENE	10	10 U	10 U	10 U	NA	NA
DI-N-BUTYLPHTHALATE	10	10 U	10 U	10 U	NA	NA
FLUORANTHENE	10	10 U	10 U	10 U	NA	NA
PYRENE	10	10 U	10 U	10 U	NA	NA
BUTYLBENZYLPHTHALATE	10	10 U	10 U	10 U	NA	NA
3,3'-DICHLOROBENZIDINE	20	20 U	20 U	20 U	NA	NA
BENZO(a)ANTHRACENE	10	10 U	10 U	10 U	NA	NA
CHRYSENE	10	10 U	10 U	10 U	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	10	10 U	10 U	10 U	NA	NA
DI-N-OCTYLPHTHALATE	10	10 U	10 U	10 U	NA	NA
BENZO(b)FLUORANTHENE	10	10 U	10 U	10 U	NA	NA
BENZO(k)FLUARANTHENE	10	10 U	10 U	10 U	NA	NA
BENZO(a)PYRENE	10	10 U	10 U	10 U	NA	NA
INDENO(1,2,3-cd)PYRENE	10	10 U	10 U	10 U	NA	NA
DIBENZ(a,h)ANTHRACENE	10	10 U	10 U	10 U	NA	NA
BENZO(ghi)PERYLENE	10	10 U	10 U	10 U	NA	NA

DILUTION FACTOR:	1.0	1.0	1.0
DATE SAMPLED:	6/27/91	6/10/91	6/26/91
DATE EXTRACTED:	7/01/91	6/14/91	7/01/91
DATE ANALYZED:	8/02/91	7/16/91	8/02/91

ASSOCIATED BLANKS:

PESTICIDE/PCB AQUEOUS ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - FIELD BLANKS
 CASE: 5075

		DECON-F	03SD02-F	07GW03-F	54GW04-F	82GW01-F
SAMPLE LOCATION:						
SAMPLE NUMBER:						
QC DESIGNATION: CRQL						
ALPHA-BHC	0.05	0.05 U	NA	0.05 U	NA	0.05 U
BETA-BHC	0.05	0.05 U	NA	0.05 U	NA	0.05 U
DELTA-BHC	0.05	0.05 U	NA	0.05 U	NA	0.05 U
GAMMA-BHC (LINDANE)	0.05	0.05 U	NA	0.05 U	NA	0.05 U
HEPTACHLOR	0.05	0.05 U	NA	0.05 U	NA	0.05 U
ALDRIN	0.05	0.05 U	NA	0.05 U	NA	0.05 U
HEPTACHLOR EPOXIDE	0.05	0.05 U	NA	0.05 U	NA	0.05 U
ENDOSULFAN I	0.05	0.05 U	NA	0.05 U	NA	0.05 U
DIELDRIN	0.10	0.10 U	NA	0.10 U	NA	0.10 U
4,4'-DDE	0.10	0.10 U	NA	0.10 U	NA	0.10 U
ENDRIN	0.10	0.10 U	NA	0.10 U	NA	0.10 U
ENDOSULFAN II	0.10	0.10 U	NA	0.10 U	NA	0.10 U
4,4'-DDD	0.10	0.10 U	NA	0.10 U	NA	0.10 U
ENDOSULFAN SULFATE	0.10	0.10 U	NA	0.10 U	NA	0.10 U
4,4'-DDT	0.10	0.10 U	NA	0.10 U	NA	0.10 U
METHOXYCHLOR	0.5	0.49 U	NA	0.50 U	NA	0.49 U
ENDRIN KETONE	0.10	0.10 U	NA	0.10 U	NA	0.10 U
ALPHA-CHLORODANE	0.5	0.49 U	NA	0.50 U	NA	0.49 U
GAMMA-CHLORDANE	0.5	0.49 U	NA	0.50 U	NA	0.49 U
TOXAPHENE	1.0	0.98 U	NA	1.0 U	NA	0.99 U
AROCLOR 1016	0.5	0.49 U	NA	0.50 U	0.50 U	0.49 U
AROCLOR 1221	0.5	0.49 U	NA	0.50 U	0.50 U	0.49 U
AROCLOR 1232	0.5	0.49 U	NA	0.50 U	0.50 U	0.49 U
AROCLOR 1242	0.5	0.49 U	NA	0.50 U	0.50 U	0.49 U
AROCLOR 1248	0.5	0.49 U	NA	0.50 U	0.50 U	0.49 U
AROCLOR 1254	1.0	0.98 U	NA	1.0 U	1.0 U	0.99 U
AROCLOR 1260	1.0	0.98 U	NA	1.0 U	1.0 U	0.99 U

DILUTION FACTOR:	1.0	1.0	1.0	1.0
DATE SAMPLED:	6/27/91	6/26/91	6/25/91	6/27/91
DATE EXTRACTED:	7/03/91	7/03/91	6/28/91	7/03/91
DATE ANALYZED:	8/12/91	8/08/91	7/31/91	8/12/91
ASSOCIATED BLANKS:				

HERBICIDE ANALYSIS (ug/L)
SITE: CAMP LEJEUNE - FIELD BLANKS
CASE: 5075

SAMPLE LOCATION:	DECON-F	03SD02-F	07GW03-F	54GW04-F	82GW01-F
SAMPLE NUMBER:					
QC DESIGNATION: CRQL					

2,4-D	0.2	0.20 U	NA	NA	NA	NA
SILVEX	0.2	0.20 U	NA	NA	NA	NA
2,4,5-T	0.2	0.20 U	NA	NA	NA	NA
DINOSEB	0.2	0.20 U	NA	NA	NA	NA

DILUTION FACTOR:	1.0
DATE SAMPLED:	6/27/91
DATE EXTRACTED:	7/03/91
DATE ANALYZED:	7/15/91
ASSOCIATED BLANKS:	

INORGANIC AQUEOUS ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - FIELD BLANKS
 CASE: 5075/5054
 LABORATORY:

SAMPLE LOCATION:	ANALYTICAL	DECON-F	03SD02-F	07GW03-F	54GW04-F	82GW01-F	CRQL
SAMPLE NUMBER:	METHOD						
QC DESIGNATION:							
ALUMINUM	P	133	NA	NA	10.0	NA	200
ANTIMONY	P	17.0 U	NA	NA	23.0	NA	60
ARSENIC	F	3.0 U	NA	NA	4.0 UJ	NA	10
BARIIUM	P	5.5	NA	NA	1.0	NA	200
BERYLLIUM	P	2.0 U	NA	NA	1.0	NA	5
CADMIUM	P	5.0 UJ	NA	NA	5.0 UJ	NA	5
CALCIUM	P	21500	NA	NA	72.0	NA	5000
CHROMIUM	P	4.0 U	NA	NA	5.0 UJ	NA	10
COBALT	P	5.0 U	NA	NA	8.0	NA	50
COPPER	P	5.0 U	NA	NA	15.0	NA	25
IRON	P	23.0	NA	NA	5.2 J	NA	100
LEAD	F	2.0 UJ	NA	NA	2.0 UJ	NA	3
MAGNESIUM	P	2200	NA	NA	14.2	NA	5000
MANGANESE	P	2.0 U	NA	NA	2.0 UJ	NA	15
MERCURY	CV	0.20 U	NA	NA	0.20	NA	0.2
NICKEL	P	8.0 U	NA	NA	13.0	NA	40
POTASSIUM	P	1440	NA	NA	503	NA	5000
SELENIUM	F	3.0 UJ	NA	NA	R	NA	5
SILVER	P	4.0	NA	NA	3.0	NA	10
SODIUM	P	7550	NA	NA	37.7	NA	5000
THALLIUM	F	2.0 UJ	NA	NA	2.0 UJ	NA	10
TIN	P	NA	NA	NA	NA	NA	40
VANADIUM	P	3.0 U	NA	NA	5.0 UJ	NA	50
ZINC	P	13.2	NA	NA	17.0 J	NA	20
CYANIDE	C	NA	NA	NA	R	NA	10
HEXAVALENT CHROMIUM	P	NA	NA	NA	10.0 U	NA	10

DILUTION FACTOR: 1.0
 DATE SAMPLED: 6/27/91
 ASSOCIATED BLANKS:

1.0
 6/25/91

ANALYTICAL METHOD
 F - FURNACE
 P - ICP/FLAME AA
 CV - COLD VAPOR
 C - COLORMETRIC

J - QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED IN THE
 QUALITY CONTROL REVIEW (DATA REVIEW)
 R - VALUE IS REJECTED.
 -- VALUE IS NON-DETECTED
 NA - NOT ANALYZED

RINSATE BLANKS

VOLATILE ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - RINSATE BLANKS
 CASE: 5075/5054/4961/5019/5064/5005/5000

SAMPLE LOCATION:	BS-1-R	03GW02-R	3SD02-R	07GW03-R	07SB05-R	54GW04-R	54SB02-R	54SD01-R	
SAMPLE NUMBER:									
QC DESIGNATION: CRQL									
CHLOROMETHANE	10	NA	NA	NA	10 U	10 U	NA	NA	NA
BROMOMETHANE	10	NA	NA	NA	10 U	10 U	NA	NA	NA
VINYL CHLORIDE	10	NA	NA	NA	10 U	10 U	NA	NA	NA
CHLOROETHANE	10	NA	NA	NA	10 U	10 U	NA	NA	NA
METHYLENE CHLORIDE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
ACETONE	10	NA	NA	NA	34 J	38	NA	NA	NA
CARBON DISULFIDE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
1,1-DICHLOROETHENE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
1,1-DICHLOROETHANE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
1,2-DICHLOROETHENE (TOTAL)	5	NA	NA	NA	5 U	5 U	NA	NA	NA
CHLOROFORM	5	NA	NA	NA	5 U	5 U	NA	NA	NA
1,2-DICHLOROETHANE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
2-BUTANONE	10	NA	NA	NA	10 U	10 U	NA	NA	NA
1,1,1-TRICHLOROETHANE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
CARBON TETRACHLORIDE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
VINYL ACETATE	10	NA	NA	NA	10 U	10 U	NA	NA	NA
BROMODICHLOROMETHANE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
1,2-DICHLOROPROPANE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
CIS-1,3-DICHLOROPROPENE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
TRICHLOROETHENE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
DIBROMOCHLOROMETHANE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
1,1,2-TRICHLOROETHANE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
BENZENE	5	NA	NA	NA	5 U	5 U	5 U	5 U	5 U
TRANS-1,3-DICHLOROPROPENE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
BROMOFORM	5	NA	NA	NA	5 U	5 U	NA	NA	NA
4-METHYL-2-PENTANONE	10	NA	NA	NA	10 U	10 U	NA	NA	NA
2-HEXANONE	10	NA	NA	NA	10 U	10 U	NA	NA	NA
TETRACHLOROETHENE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
TOLUENE	5	NA	NA	NA	5 U	5 U	5 U	5 U	5 U
CHLOROBENZENE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
ETHYL BENZENE	5	NA	NA	NA	5 U	5 U	5 U	5 U	5 U
STYRENE	5	NA	NA	NA	5 U	5 U	NA	NA	NA
TOTAL XYLENES	5	NA	NA	NA	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:					1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:					6/26/91	6/25/91	6/25/91	6/12/91	6/19/91
DATE ANALYZED:					7/10/91	6/28/91	7/08/91	6/19/91	6/26/91
ASSOCIATED BLANKS:									

DOC. NO.: CLEJ-00/02-4.08-04/16/92

VOLATILE ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - RINSATE BLANKS

CASE: 5075/5054/4961/5019/5064/5005/5000

SAMPLE LOCATION: 82SW06-R
SAMPLE NUMBER:
QC DESIGNATION: CRQL

CHLOROMETHANE	10	10	U
BROMOMETHANE	10	10	U
VINYL CHLORIDE	10	10	U
CHLOROETHANE	10	10	U
METHYLENE CHLORIDE	5	5	U
ACETONE	10	10	U
CARBON DISULFIDE	5	5	U
1,1-DICHLOROETHENE	5	5	U
1,1-DICHLOROETHANE	5	5	U
1,2-DICHLOROETHENE (TOTAL)	5	5	U
CHLOROFORM	5	5	U
1,2-DICHLOROETHANE	5	5	U
2-BUTANONE	10	10	U
1,1,1-TRICHLOROETHANE	5	5	U
CARBON TETRACHLORIDE	5	5	U
VINYL ACETATE	10	10	U
BROMODICHLOROMETHANE	5	5	U
1,2-DICHLOROPROPANE	5	5	U
CIS-1,3-DICHLOROPROPENE	5	5	U
TRICHLOROETHENE	5	5	U
DIBROMOCHLOROMETHANE	5	5	U
1,1,2-TRICHLOROETHANE	5	5	U
BENZENE	5	5	U
TRANS-1,3-DICHLOROPROPENE	5	5	U
BROMOFORM	5	5	U
4-METHYL-2-PENTANONE	10	10	U
2-HEXANONE	10	10	U
TETRACHLOROETHENE	5	5	U
1,1,2,2-TETRACHLOROETHANE	5	5	U
TOLUENE	5	5	U
CHLOROBENZENE	5	5	U
ETHYL BENZENE	5	5	U
STYRENE	5	5	U
TOTAL XYLENES	5	5	U

DILUTION FACTOR: 1.0
DATE SAMPLED: 6/13/91
DATE ANALYZED: 6/25/91
ASSOCIATED BLANKS:

SEMIVOLATILE AQUEOUS ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - RINSATE BLANKS

CASE: 5005/4961/5075/5054

SAMPLE LOCATION:	BS-1-R	03GW02-R	03SD02-R	07GW03-R	07SB05-R	54GW04-R	54SB02-R	54SD01-R	
SAMPLE NUMBER:									
QC DESIGNATION: CRQL									
PHENOL	10	NA	10 U	10 U	10 U	9 J	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
2-CHLOROPHENOL	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
1,3-DICHLOROBENZENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
1,4-DICHLOROBENZENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
BENZYL ALCOHOL	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
1,2-DICHLOROBENZENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
2-METHYLPHENOL	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
4-METHYLPHENOL	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
N-NITROSODI-N-PROPYLAMINE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
HEXACHLOROETHANE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
NITROBENZENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
ISOPHORONE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
2-NITROPHENOL	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
2,4-DIMETHYLPHENOL	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
BENZOIC ACID	50	NA	50 U	50 U	52 U	23 J	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
2,4-DICHLOROPHENOL	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
1,2,4-TRICHLOROBENZENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
NAPHTHALENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
4-CHLORANILINE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
HEXACHLOROBUTADIENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
2-METHYLNAPHTHALENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
2,4,6-TRICHLOROPHENOL	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
2,4,5-TRICHLOROPHENOL	50	NA	50 U	50 U	52 U	49 U	NA	NA	NA
2-CHLORONAPHTHALENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
2-NITROANILINE	50	NA	50 U	50 U	52 U	49 U	NA	NA	NA
DIMETHYL PHTHALATE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
ACENAPHTHYLENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
2,6-DINITROTOLUENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
3-NITROANILINE	50	NA	50 U	50 U	52 U	49 U	NA	NA	NA
ACENAPHTHENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
2,4-DINITROPHENOL	50	NA	50 U	50 U	52 U	49 U	NA	NA	NA
4-NITROPHENOL	50	NA	50 U	50 UJ	52 U	49 U	NA	NA	NA

SEMIVOLATILE AQUEOUS ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - RINSATE BLANKS

CASE: 5005/4961/5075/5054

	SAMPLE LOCATION:	BS-1-R	03GW02-R	03SD02-R	07GW03-R	07SB05-R	54GW04-R	54SB02-R	54SD01-R
	SAMPLE NUMBER:								
	QC DESIGNATION: CRQL								
DIBENZOFURAN	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
2,4-DINITROTOLUENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
DIETHYL PHTHALATE	10	NA	10 U	10 UJ	10 U	10 U	NA	NA	NA
4-CHLOROPHENYL-PHENYLETHER	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
FLUORENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
4-NITROANILINE	50	NA	50 U	50 U	52 U	49 U	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	50	NA	50 U	50 U	52 U	49 U	NA	NA	NA
N-NITROSODIPHENLYAMINE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
4-BROMOPHENYL-PHENYLETHER	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
HEXACHLOROBENZENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
PENTACHLOROPHENOL	50	NA	50 U	50 U	52 U	49 U	NA	NA	NA
PHENANTHRENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
ANTHRACENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
DI-N-BUTYLPHTHALATE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
FLUORANTHENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
PYRENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
BUTYLBENZYLPHTHALATE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
3,3'-DICHLOROBENZIDINE	20	NA	20 U	20 U	21 U	20 U	NA	NA	NA
BENZO(a)ANTHRACENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
CHRYSENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
DI-N-OCTYLPHTHALATE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
BENZO(b)FLUORANTHENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
BENZO(k)FLUORANTHENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
BENZO(a)PYRENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
INDENO(1,2,3-cd)PYRENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
DIBENZ(a,h)ANTHRACENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA
BENZO(ghi)PERYLENE	10	NA	10 U	10 U	10 U	10 U	NA	NA	NA

DILUTION FACTOR:

1.0

1.0

1.0

1.0

DATE SAMPLED:

6/16/91

6/10/91

6/26/91

6/25/91

DATE EXTRACTED:

6/21/91

6/14/91

7/01/91

6/27/91

DATE ANALYZED:

8/01/91

7/16/91

8/02/91

7/31/91

ASSOCIATED BLANKS:

SEMIVOLATILE AQUEOUS ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - RINSATE BLANKS

CASE: 5005/4961/5075/5054

		54SD03-R	54SW01-R	80GW02-R	80GW03-R	80MW01-R	82GW31-R	82SB02-R	82SD06-R
	SAMPLE LOCATION:								
	SAMPLE NUMBER:								
	QC DESIGNATION: CRQL								
DIBENZOFURAN	10	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	10	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	10	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL-PHENYLETHER	10	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	10	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	50	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	50	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENLYAMINE	10	NA	NA	NA	NA	NA	NA	NA	NA
4-BROMOPHENYL-PHENYLETHER	10	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	10	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	50	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	10	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	10	NA	NA	NA	NA	NA	NA	NA	NA
DI-N-BUTYLPHTHALATE	10	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	10	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	10	NA	NA	NA	NA	NA	NA	NA	NA
BUTYLBENZYLPHTHALATE	10	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	20	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)ANTHRACENE	10	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	10	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	10	NA	NA	NA	NA	NA	NA	NA	NA
DI-N-OCTYLPHTHALATE	10	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(b)FLUORANTHENE	10	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(k)PLUORANTHENE	10	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)PYRENE	10	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-cd)PYRENE	10	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZ(a,h)ANTHRACENE	10	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(ghi)PERYLENE	10	NA	NA	NA	NA	NA	NA	NA	NA

DILUTION FACTOR:

DATE SAMPLED:

DATE EXTRACTED:

DATE ANALYZED:

ASSOCIATED BLANKS:

SEMIVOLATILE AQUEOUS ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - RINSATE BLANKS

CASE: 5005/4961/5075/5054

SAMPLE LOCATION: 82SW06-R
SAMPLE NUMBER:
QC DESIGNATION: CRQL

PHENOL	10	NA
BIS(2-CHLOROETHYL)ETHER	10	NA
2-CHLOROPHENOL	10	NA
1,3-DICHLOROBENZENE	10	NA
1,4-DICHLOROBENZENE	10	NA
BENZYL ALCOHOL	10	NA
1,2-DICHLOROBENZENE	10	NA
2-METHYLPHENOL	10	NA
BIS(2-CHLOROISOPROPYL)ETHER	10	NA
4-METHYLPHENOL	10	NA
N-NITROSODI-N-PROPYLAMINE	10	NA
HEXACHLOROETHANE	10	NA
NITROBENZENE	10	NA
ISOPHORONE	10	NA
2-NITROPHENOL	10	NA
2,4-DIMETHYLPHENOL	10	NA
BENZOIC ACID	50	NA
BIS(2-CHLOROETHOXY)METHANE	10	NA
2,4-DICHLOROPHENOL	10	NA
1,2,4-TRICHLOROBENZENE	10	NA
NAPHTHALENE	10	NA
4-CHLORANILINE	10	NA
HEXACHLOROBUTADIENE	10	NA
4-CHLORO-3-METHYLPHENOL	10	NA
2-METHYLNAPHTHALENE	10	NA
HEXACHLOROCYCLOPENTADIENE	10	NA
2,4,6-TRICHLOROPHENOL	10	NA
2,4,5-TRICHLOROPHENOL	50	NA
2-CHLORONAPHTHALENE	10	NA
2-NITROANILINE	50	NA
DIMETHYL PHTHALATE	10	NA
ACENAPHTHYLENE	10	NA
2,6-DINITROTOLUENE	10	NA
3-NITROANILINE	50	NA
ACENAPHTHENE	10	NA
2,4-DINITROPHENOL	50	NA
4-NITROPHENO	50	NA

SEMIVOLATILE AQUEOUS ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - RINSATE BLANKS

CASE: 5005/4961/5075/5054

SAMPLE LOCATION: 82SW06-R

SAMPLE NUMBER:

QC DESIGNATION: CRQL

DIBENZOFURAN	10	NA
2,4-DINITROTOLUENE	10	NA
DIETHYL PHTHALATE	10	NA
4-CHLOROPHENYL-PHENYLETHER	10	NA
FLUORENE	10	NA
4-NITROANILINE	50	NA
4,6-DINITRO-2-METHYLPHENOL	50	NA
N-NITROSODIPHENLYAMINE	10	NA
4-BROMOPHENYL-PHENYLETHER	10	NA
HEXACHLOROBENZENE	10	NA
PENTACHLOROPHENOL	50	NA
PHENANTHRENE	10	NA
ANTHRACENE	10	NA
DI-N-BUTYLPHTHALATE	10	NA
FLUORANTHENE	10	NA
PYRENE	10	NA
BUTYLBENZYLPHTHALATE	10	NA
3,3'-DICHLOROBENZIDINE	20	NA
BENZO(a)ANTHRACENE	10	NA
CHRYSENE	10	NA
BIS(2-ETHYLHEXYL)PHTHALATE	10	NA
DI-N-OCTYLPHTHALATE	10	NA
BENZO(b)FLUORANTHENE	10	NA
BENZO(k)FLUARANTHENE	10	NA
BENZO(a)PYRENE	10	NA
INDENO(1,2,3-cd)PYRENE	10	NA
DIBENZ(a,h)ANTHRACENE	10	NA
BENZO(ghi)PERYLENE	10	NA

DILUTION FACTOR:

DATE SAMPLED:

DATE EXTRACTED:

DATE ANALYZED:

ASSOCIATED BLANKS:

PESTICIDE/PCB AQUEOUS ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - RINSATE BLANKS
 CASE: 5075/5054/4961/5019/5064/5005/5000

		54SD03-R	54SW01-R	80GW02-R	80GW03-R	80MW01-R	82GW31-R	82SB02-R	82SD06-R
SAMPLE LOCATION:									
SAMPLE NUMBER:									
QC DESIGNATION:	CRQL								
ALPHA-BHC	0.05	NA	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
BETA-BHC	0.05	NA	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DELTA-BHC	0.05	NA	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
GAMMA-BHC (LINDANE)	0.05	NA	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR	0.05	NA	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ALDRIN	0.05	NA	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR EPOKIDE	0.05	NA	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN I	0.05	NA	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DIELDRIN	0.10	NA	NA	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	0.10	NA	NA	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
ENDRIN	0.10	NA	NA	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
ENDOSULFAN II	0.10	NA	NA	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDD	0.10	NA	NA	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
ENDOSULFAN SULFATE	0.10	NA	NA	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	0.10	NA	NA	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
METHOXYCHLOR	0.5	NA	NA	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.49 U
ENDRIN KETONE	0.10	NA	NA	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
ALPHA-CHLORODANE	0.5	NA	NA	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.49 U
GAMMA-CHLORDANE	0.5	NA	NA	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.49 U
TOXAPHENE	1.0	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U
AROCLOR 1016	0.5	0.50 U	0.52 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.49 U
AROCLOR 1221	0.5	0.50 U	0.52 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.49 U
AROCLOR 1232	0.5	0.50 U	0.52 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.49 U
AROCLOR 1242	0.5	0.50 U	0.52 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.49 U
AROCLOR 1248	0.5	0.50 U	0.52 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.49 U
AROCLOR 1254	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U
AROCLOR 1260	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		6/26/91	6/19/91	6/27/91	6/16/91	6/16/91	6/27/91	6/19/91	6/13/91
DATE EXTRACTED:		6/28/91	6/24/91	7/03/91	6/20/91	6/20/91	7/03/91	6/24/91	6/20/91
DATE ANALYZED:		7/31/91	7/24/91	8/09/91	7/23/91	7/23/91	8/09/91	7/24/91	7/23/91
ASSOCIATED BLANKS:									

DOC.No.: CLEJ-00702-4.08-04/16/92

PESTICIDE/PCB AQUEOUS ANALYSIS (ug/L)
SITE: CAMP LEJEUNE - RINSATE BLANKS
CASE: 5075/5054/4961/5019/5064/5005/5000

SAMPLE LOCATION: 82SW06-R
SAMPLE NUMBER:
QC DESIGNATION: CRQL

ALPHA-BHC	0.05	0.05	U
BETA-BHC	0.05	0.05	U
DELTA-BHC	0.05	0.05	U
GAMMA-BHC (LINDANE)	0.05	0.05	U
HEPTACHLOR	0.05	0.05	U
ALDRIN	0.05	0.05	U
HEPTACHLOR EPOXIDE	0.05	0.05	U
ENDOSULFAN I	0.05	0.05	U
DIELDRIN	0.10	0.10	U
4,4'-DDE	0.10	0.10	U
ENDRIN	0.10	0.10	U
ENDOSULFAN II	0.10	0.10	U
4,4'-DDD	0.10	0.10	U
ENDOSULFAN SULFATE	0.10	0.10	U
4,4'-DDT	0.10	0.10	U
METHOXYCHLOR	0.5	0.50	U
ENDRIN KETONE	0.10	0.10	U
ALPHA-CHLORODANE	0.5	0.50	U
GAMMA-CHLORDANE	0.5	0.50	U
TOXAPHENE	1.0	0.99	U
AROCLOR 1016	0.5	0.50	U
AROCLOR 1221	0.5	0.50	U
AROCLOR 1232	0.5	0.50	U
AROCLOR 1242	0.5	0.50	U
AROCLOR 1248	0.5	0.50	U
AROCLOR 1254	1.0	0.99	U
AROCLOR 1260	1.0	0.99	U

DILUTION FACTOR: 1.0
DATE SAMPLED: 6/13/91
DATE EXTRACTED: 6/20/91
DATE ANALYZED: 7/23/91
ASSOCIATED BLANKS:

HERBICIDE ANALYSIS (ug/L)
SITE: CAMP LEJEUNE - RINSATE BLANKS
CASE: 5075/5005

SAMPLE LOCATION:	BS-1-R	03GW02-R	03SD02-R	07GW03-R	07SB05-R	54GW04-R	54SB02-R	54SD01-R
SAMPLE NUMBER:								
QC DESIGNATION:	CRQL							

2,4-D	0.2	NA	NA	NA	NA	NA	NA	NA
SILVEX	0.2	NA	NA	NA	NA	NA	NA	NA
2,4,5-T	0.2	NA	NA	NA	NA	NA	NA	NA
DINOSEB	0.2	NA	NA	NA	NA	NA	NA	NA

DILUTION FACTOR:
DATE SAMPLED:
DATE EXTRACTED:
DATE ANALYZED:
ASSOCIATED BLANKS:

HERBICIDE ANALYSIS (ug/L)

SITE: CAMP LEJEUNE - RINSATE BLANKS

CASE: 5075/5005

SAMPLE LOCATION:	54SD03-R	54SW01-R	80GW02-R	80GW03-R	80MW01-R	82GW31-R	82SB02-R	82SD06-R
SAMPLE NUMBER:								
QC DESIGNATION:	CRQL							

2,4-D	0.2	NA	NA	0.20 U	0.20 U	0.20 U	NA	NA	NA
SILVEX	0.2	NA	NA	0.20 U	0.20 U	0.20 U	NA	NA	NA
2,4,5-T	0.2	NA	NA	0.20 U	0.20 U	0.20 U	NA	NA	NA
DINOSEB	0.2	NA	NA	0.20 U	NA	NA	NA	NA	NA

DILUTION FACTOR:	1.0	1.0	1.0
DATE SAMPLED:	6/27/91	6/16/91	6/16/91
DATE EXTRACTED:	7/03/91	6/21/91	6/21/91
DATE ANALYZED:	7/15/91	7/05/91	7/05/91
ASSOCIATED BLANKS:			

HERBICIDE ANALYSIS (ug/L)
SITE: CAMP LEJEUNE - RINSATE BLANKS
CASE: 5075/5005

SAMPLE LOCATION: 828W06-R
SAMPLE NUMBER:
QC DESIGNATION: CRQL

2,4-D	0.2	NA
SILVEX	0.2	NA
2,4,5-T	0.2	NA
DINOSEB	0.2	NA

DILUTION FACTOR:
DATE SAMPLED:
DATE EXTRACTED:
DATE ANALYZED:
ASSOCIATED BLANKS:

INORGANIC AQUEOUS ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - RINSATE BLANKS
 CASE: 5013/5075/5054/4961/5019/5064
 LABORATORY:

SAMPLE LOCATION:	ANALYTICAL	BS-1-R	03GW02-R	03SD02-R	07GW03-R	07SB05-R	54GW04-R	54SB02-R	CRQL
SAMPLE NUMBER:	METHOD								
QC DESIGNATION:									
ALUMINUM	P	13.0 UJ	NA	NA	40.3	10.0	13.1	NA	200
ANTIMONY	P	17.0 U	NA	NA	17.0 U	23.0	23.0	NA	60
ARSENIC	F	4.0 UJ	NA	NA	3.0 U	4.0 UJ	4.0 UJ	NA	10
BARIUM	P	1.0 U	NA	NA	1.3	1.0	1.0	NA	200
BERYLLIUM	P	2.0 U	NA	NA	2.0 U	1.0	1.0	NA	5
CADMIUM	P	5.0 UJ	NA	NA	5.0 UJ	5.0 UJ	5.0 UJ	NA	5
CALCIUM	P	88.8	NA	NA	69.0	73.7	88.2	NA	5000
CHROMIUM	P	4.0 U	NA	NA	4.0 U	5.0 UJ	5.5 J	NA	10
COBALT	P	5.0 U	NA	NA	5.0 U	8.0	8.0	NA	50
COPPER	P	5.0 U	NA	NA	5.0 U	15.0	15.0	NA	25
IRON	P	6.0 U	NA	NA	10.7	8.7 J	8.5 J	NA	100
LEAD	F	2.1 J	NA	NA	2.0 UJ	2.0	2.0	NA	3
MAGNESIUM	P	16.9	NA	NA	13.8	12.2	18.7	NA	5000
MANGANESE	P	2.0 U	NA	NA	2.0 U	2.0 UJ	2.0 UJ	NA	15
MERCURY	CV	0.20 U	NA	NA	0.20 U	0.20	0.20	NA	0.2
NICKEL	P	8.0 U	NA	NA	8.0 U	13.0	13.0	NA	40
POTASSIUM	P	483 U	NA	NA	483 U	503	503	NA	5000
SELENIUM	F	4.0 UJ	NA	NA	3.0 UJ	R	R	NA	5
SILVER	P	2.0 UJ	NA	NA	3.0	3.0	3.0	NA	10
SODIUM	P	63.4	NA	NA	90.8	40.5	39.1	NA	5000
THALLIUM	F	1.0 U	NA	NA	2.0 U	2.0 UJ	2.0 UJ	NA	10
TIN	P	NA	NA	NA	NA	NA	NA	NA	40
VANADIUM	P	3.0 U	NA	NA	3.0 U	5.0 UJ	5.0 UJ	NA	50
ZINC	P	8.6	NA	NA	10.5	9.0 J	9.0 J	NA	20
CYANIDE	C	NA	NA	NA	10.0 UJ	R	R	NA	10
HEXAVALENT CHROMIUM	P	NA	NA	NA	NA	NA	10.0 U	10.0 U	10

DILUTION FACTOR: 1.0
 DATE SAMPLED: 6/18/91
 ASSOCIATED BLANKS:

ANALYTICAL METHOD
 F - FURNACE
 P - ICP/FLAME AA
 CV - COLD VAPOR
 C - COLORMETRIC

J - QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED IN THE QUALITY CONTROL REVIEW (DATA REVIEW)
 R - VALUE IS REJECTED.
 -- VALUE IS NON-DETECTED
 NA- NOT ANALYZED

INORGANIC AQUEOUS ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - RINSATE BLANKS
 CASE: 5013/5075/5054/4961/5019/5064
 LABORATORY:

SAMPLE LOCATION:	ANALYTICAL	54SD01-R	54SD03-R	54SW01-R	80GW02-R	80GW03-R	80MW01-R	82GW31-R	CRQL
SAMPLE NUMBER:	METHOD								
QC DESIGNATION:									
ALUMINUM	P	13.0 U	57.6	13.0 U	NA	NA	NA	NA	200
ANTIMONY	P	17.0 U	17.0 U	17.0 U	NA	NA	NA	NA	60
ARSENIC	F	4.0 UJ	4.0 U	4.0 UJ	NA	NA	NA	NA	10
BARIUM	P	1.0 U	20.4	1.0 U	NA	NA	NA	NA	200
BERYLLIUM	P	2.0 U	2.0 U	2.0 U	NA	NA	NA	NA	5
CADMIUM	P	5.0 UJ	5.0 U	5.0 UJ	NA	NA	NA	NA	5
CALCIUM	P	67.7	72500	61.5	NA	NA	NA	NA	5000
CHROMIUM	P	4.0 UJ	4.0 U	4.0 UJ	NA	NA	NA	NA	10
COBALT	P	5.0 U	5.0 U	5.0 U	NA	NA	NA	NA	50
COPPER	P	5.0 UJ	5.0 U	5.0 UJ	NA	NA	NA	NA	25
IRON	P	13.3	7540	6.0 U	NA	NA	NA	NA	100
LEAD	F	4.7 J	2.0 U	1.0 UJ	NA	NA	NA	NA	3
MAGNESIUM	P	11.9	2690	11.4	NA	NA	NA	NA	5000
MANGANESE	P	2.1	289	2.0 U	NA	NA	NA	NA	15
MERCURY	CV	0.20 U	0.20 U	0.20 U	NA	NA	NA	NA	0.2
NICKEL	P	8.0 UJ	8.0 U	8.0 UJ	NA	NA	NA	NA	40
POTASSIUM	P	483 UJ	2040	483 UJ	NA	NA	NA	NA	5000
SELENIUM	P	4.0 UJ	2.0 UJ	4.0 UJ	NA	NA	NA	NA	5
SILVER	P	2.0 U	2.4	2.0 U	NA	NA	NA	NA	10
SODIUM	P	47.1	4010	40.4	NA	NA	NA	NA	5000
THALLIUM	F	2.0 U	2.0 UJ	2.0 U	NA	NA	NA	NA	10
TIN	P	NA	NA	NA	NA	NA	NA	NA	40
VANADIUM	P	3.0 U	3.0 U	3.0 U	NA	NA	NA	NA	50
ZINC	P	8.3 J	16.3	6.2 J	NA	NA	NA	NA	20
CYANIDE	C	10.0 U	10.0 U	10.0 U	NA	NA	NA	NA	10
HEXAVALENT CHROMIUM	P	10.0 U	10.0 U	10.0 U	NA	NA	NA	NA	10

DILUTION FACTOR: 1.0 1.0 1.0
 DATE SAMPLED: 6/19/91 6/26/91 6/19/91
 ASSOCIATED BLANKS:

ANALYTICAL METHOD
 F - FURNACE
 P - ICP/FLAME AA
 CV - COLD VAPOR
 C - COLORMETRIC

J - QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED IN THE
 QUALITY CONTROL REVIEW (DATA REVIEW)
 R - VALUE IS REJECTED.
 -- VALUE IS NON-DETECTED
 NA- NOT ANALYZED

INORGANIC AQUEOUS ANALYSIS (ug/L)
 SITE: CAMP LEJEUNE - RINSATE BLANKS
 CASE: 5013/5075/5054/4961/5019/5064
 LABORATORY:

SAMPLE LOCATION:	ANALYTICAL	82SB02-R	82SD06-R	82SW06-R	
SAMPLE NUMBER:	METHOD				
QC DESIGNATION:					CRQL
ALUMINUM	P	NA	NA	NA	200
ANTIMONY	P	NA	NA	NA	60
ARSENIC	F	NA	NA	NA	10
BARIUM	P	NA	NA	NA	200
BERYLLIUM	P	NA	NA	NA	5
CADMIUM	P	NA	NA	NA	5
CALCIUM	P	NA	NA	NA	5000
CHROMIUM	P	NA	NA	NA	10
COBALT	P	NA	NA	NA	50
COPPER	P	NA	NA	NA	25
IRON	P	NA	NA	NA	100
LEAD	F	NA	NA	NA	3
MAGNESIUM	P	NA	NA	NA	5000
MANGANESE	P	NA	NA	NA	15
MERCURY	CV	NA	NA	NA	0.2
NICKEL	P	NA	NA	NA	40
POTASSIUM	P	NA	NA	NA	5000
SELENIUM	F	NA	NA	NA	5
SILVER	P	NA	NA	NA	10
SODIUM	P	NA	NA	NA	5000
THALLIUM	F	NA	NA	NA	10
TIN	P	NA	NA	NA	40
VANADIUM	P	NA	NA	NA	50
ZINC	P	NA	NA	NA	20
CYANIDE	C	NA	NA	NA	10
HEXAVALENT CHROMIUM	P	NA	NA	NA	10

DILUTION FACTOR:
 DATE SAMPLED:
 ASSOCIATED BLANKS:

ANALYTICAL METHOD
 F - FURNACE
 P - ICP/FLAME AA
 CV - COLD VAPOR
 C - COLORMETRIC

J - QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIE
 QUALITY CONTROL REVIEW (DATA REVIEW)
 R - VALUE IS REJECTED.
 -- VALUE IS NON-DETECTED
 NA- NOT ANALYZED

Agan St: Metals in Soil

date 3/3

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE IDLs

BAKER SAMPLE NO.	43SB0100	43SB0103	43SB0200	43SB02000	43SB0204	43SB0300	43SB0400	43SB0403	43SB0500	43SB0506
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG
VALIDATED???	I	I	I	I	I	I	I	I	I	I
Aluminum	1630	4710	4020	5640	2590	658 J	2310 J	621 J	5280	489
Antimony	3.8 U	9.9 U	6.9 UJ	7 UJ	8.2 UJ	7.9 UJ	ND UJ	8.8 UJ	7.3 U	7.5 U
Arsenic	1.2 U	1.4 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.1 U	1.1 U
Barium	3.5 U	77.6	7.2 U	10.6 U	6.1 U	2.2	4.9	2.3	8.4 U	1.7 U
Beryllium	0.12 U	0.36 U	0.21 U	0.21 U	0.25 U	0.24 U	0.23 U	0.27 U	0.22 U	0.23 U
Cadmium	0.47 U	1.2 U	0.84 U	0.84 U	0.99 U	0.96 U	0.91 U	ND	0.88 U	0.90 U
Calcium	245 U	510	149 U	218 U	64.4 U	27.7 U	69.8 U	63.7 U	61.8 U	20.9 U
Chromium	2.5	9.7	4.3 J	5.9 J	3.6 J	2.2	4.0	1.2	5.7	1.9
Cobalt	0.7 U	1.8 U	1.3 U	1.3 U	1.5 U	1.4 U	1.4 U	1.6 U	1.3 U	1.4 U
Copper	2.9	2.0	0.98	1.1	1.1	1.2	0.91 U	2.3	5.4	2.2
Iron	763	1600	3050	4790	738	419	894	263	2400	272
Lead	4.6	2.1	3.6	5.3	4.0	1.6	4.5	1.8	2.7	1.3
Magnesium	70.6	250	115 U	180 U	71.1 U	29.5	90.6	34.5	142	23.4
Manganese	3.3 U	23.5	7.1 U	6.3 U	3.0 U	2.0	5.4	2.2	17.4	1.8 U
Mercury	0.12 U	0.15 U	0.11 UJ	0.11 UJ	0.12 UJ	0.10 U	0.12 U	0.13 U	0.11 U	0.12 U
Nickel	1.0 U	2.7 U	1.9 U	1.9 U	2.2 U	2.2 U	2.1 U	2.4 U	2.0 U	2.0 U
Potassium	126	350	223 U	225 U	264 U	255 U	244 U	286 U	235 U	241 U
Selenium	0.94 U	1.2 U	0.86 U	0.84 UM	0.99 U	0.98 U	ND	ND	0.88 U	0.90 U
Silver	0.58 UJ	1.5 UJ	1 UJ	1.1 UJ	1.2 UJ	1.2 UJ	ND UJ	ND UJ	1.1 UJ	1.1 UJ
Sodium	88.7 U	240 U	73.5 U	93.9 U	112 U	150 U	158 U	168 U	154 U	145 U
Thallium	0.47 U	0.58 U	0.43 U	0.42 U	0.5 U	ND	ND	ND	0.44 U	0.45 U
Vanadium	2.3	7.3	6.9	9.6	2.9	1.4	3.7	1.2	6.6	0.95
Zinc	4.8	8.4	4.0	5.4 U	5.4 U	3.1	3.0	3.1	8.0	6.5
Cyanide	0.59 U	0.74 U	0.54 U	0.54 U	0.62 U	0.61 U	0.59 U	0.67 U	0.55 U	0.58 U

Agan St: Metals in Soil (cont.)

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE IDLs

BAKER SAMPLE NO.	43HW0100	43HW0100B	43HW0200	43HW0202
SAMPLE MEDIUM	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG
VALIDATED???	I	I	I	I
Aluminum	3810	3720	2880	4550
Antimony	7.5 U	7.6 U	7.3 U	8 U
Arsenic	1.1 U	1.1 U	1.1 U	1.2 U
Barium	11.8 U	10.2 U	5.7 U	9.0 U
Beryllium	0.23 U	0.23 U	0.22 U	0.24 U
Cadmium	0.91 U	0.92 U	0.89 U	0.97 U
Calcium	4720	5460	93.3	68.6 U
Chromium	8.3	6.6	3.6	6.7
Cobalt	1.4 U	1.4 U	1.3 U	1.5 U
Copper	3.4	1.6	2.5	0.97 U
Iron	2190	1800	1530	1340
Lead	9.8	12.0	3.7	6.1
Magnesium	270	224	95.0	176

BAKER SAMPLE NO.
 SAMPLE MEDIUM
 CONCENTRATION UNITS
 VALIDATED???

	43HW0100	43HW0100	43HW0200	43HW0202
	Soil	Soil	Soil	Soil
	ug/KG	ug/KG	ug/KG	ug/KG
	X	X	X	X
Aluminum	3810	3720	2880	4550
Antimony	7.5 U	7.6 U	7.3 U	8 U
Arsenic	1.1 U	1.1 U	1.1 U	1.2 U
Barium	11.8 U	10.2 U	5.7 U	9.0 U
Beryllium	0.23 U	0.23 U	0.22 U	0.24 U
Cadmium	0.91 U	0.92 U	0.89 U	0.97 U
Calcium	6720	5460	93.3	68.4 U
Chromium	8.3	6.6	3.6	6.7
Cobalt	1.4 U	1.4 U	1.3 U	1.5 U
Copper	3.4	1.6	2.5	0.97 U
Iron	2190	1800	1530	1340
Lead	9.8	12.0	3.7	6.1
Magnesium	270	224	95.0	176
Manganese	31.2	17.7	7.9	8.2
Mercury	0.1 U	0.1 U	0.11 U	0.12 U

Agan Si: Metals in Soil (cont.)

BAKER SAMPLE NO.	43HW0100	43HW0100B	43HW0200	43HW0202
SAMPLE MEDIUM	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG
VALIDATED???	X	X	X	X
Aluminum	3810	3720	2880	4550
Antimony	7.5 U	7.6 U	7.3 U	8 U
Arsenic	1.1 U	1.1 U	1.1 U	1.2 U
Barium	11.8 U	10.2 U	5.7 U	9.0 U
Beryllium	0.23 U	0.23 U	0.22 U	0.24 U
Cadmium	0.91 U	0.92 U	0.89 U	0.97 U
Calcium	6720	5460	95.3	68.6 U
Chromium	8.3	6.6	3.6	6.7
Cobalt	1.4 U	1.4 U	1.3 U	1.5 U
Copper	3.4	1.6	2.5	0.97 U
Iron	2190	1800	1530	1340
Lead	9.8	12.0	3.7	6.1
Magnesium	270	224	95.0	176
Manganese	31.2	17.7	7.9	8.2
Mercury	0.1 U	0.1 U	0.11 U	0.12 U
Nickel	7.6	2.1 U	2.2	7.3
Potassium	242 U	245 U	237 U	258 U
Selenium	0.9 UM	0.91 UM	0.88 UM	0.99 U
Silver	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ
Sodium	138 U	98.8 U	109 U	107 U
Thallium	0.45 U	0.46	0.44 U	0.49 U
Vanadium	7.2	7.1	4.4	5.8
Zinc	20.1	8.3	3.6	3.0
Cyanide	0.57 U	0.57 U	0.56 U	0.62 U

Agan St. : Metals in Soil (cont.)

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE IDLs

BAKER SAMPLE NO.	43SD01	43SD02	43SD03	43SD04	43SD05
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG
VALIDATED???	X	X	X	X	X
Aluminum	6720 J	4510 J	1850	1520	1970
Antimony	28.7 UJ	25.4 UJ	7.6 U	8.3 U	11.4 U
Arsenic	4.3 UJ	3.9 UJ	1.2 U	1.3 UM	1.7 U
Barium	25.5 J	32.6 J	5.2 U	11.3 U	9.7 U
Beryllium	0.87 UJ	0.77 UJ	0.23 U	0.25 U	0.34 U
Cadmium	3.5 UJ	3.1 UJ	0.92 U	1.0 U	1.4 U
Calcium	9170 J	3330 J	7550	6880	4400
Chromium	6.9 J	5.0 J	3.6	4.2	2.9
Cobalt	5.2 UJ	4.6 UJ	1.4 U	1.5 U	2.1 U
Copper	13.2 J	9.2 J	1.9	3.6	2.6
Iron	6930 J	2850 J	787	1720	1290
Lead	28.3 J	56.0 J	7.4	28.2	8.5
Magnesium	831 J	1300 J	185	170	259
Manganese	92.1 J	8.9 J	6.7	6.5	6.8
Mercury	0.41 UJ	0.38 UJ	0.12 U	0.12 U	0.16 U
Nickel	33.4 J	6.9 UJ	3.7	3.5	3.1 U
Potassium	928 UJ	821 UJ	247 U	269 U	368 U
Selenium	3.4 UJ	3.1 UJ	0.93 U	1.0 UM	1.3 U
Silver	4.3 UJ	3.8 U	1.2 UJ	1.3 UJ	1.7 UJ
Sodium	549 U	2930 J	130 U	179 U	345 U
Thallium	1.7 UJ	1.6 UJ	0.47 UJ	2.5 U	0.87 U
Vanadium	18.6 J	12.9 J	3.6	5.0	4.0

Agan St. : Metals in Sediment

Agan St.: Metals in Ground water

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE 134s

WATER SAMPLE NO.	436W0108	436W021	436W031
SAMPLE MEDIUM	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L
VALIDATED???	X	X	X
Aluminum	124000	177000	66000
Antimony	33.0 U	33.0 U	33.0 U
Arsenic	25.0 U	23.4	5.0 U
Barium	689	745	220
Beryllium	3.1	4.2	1.5
Cadmium	4.0 U	6.9	4.0 U
Calcium	91900	10300	22300
Chromium	177	249	161
Cobalt	6.7	27.7	6.0 U
Copper	64.2	67.8	104
Iron	70700	105000	126000
Lead	16.3	28.8	27.7
Magnesium	9720	11000	6000
Manganese	220	297	72.6
Mercury	0.20 U	0.20 U	0.24
Nickel	33.0	143	20.5
Potassium	8210	10700	5190
Selenium	20.0 UJ	40.0 UJ	20.0 UJ
Silver	5.0 U	5.0 U	5.0 U
Sodium	9160	14600	22100
Thallium	2.0 U	2.0 U	2.0 U
Vanadium	165	233	122
Zinc	192 J	641 J	214 J
Cyanide	10.0 U	10.0 U	10.0 U

Agan St: Metals in Groundwater (cont.)

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE TALS

BASED SAMPLE NO.	43600100	4360021	4360031
SAMPLE MEDIUM	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L
VALIDATED???	X	X	X
Aluminum	124000	177000	66000
Antimony	35.0 M	35.0 M	35.0 M
Arsenic	25.0 M	23.4	5.0 M
Barium	687	745	220
Beryllium	3.1	4.2	1.5
Cadmium	4.0 M	4.0	4.0 M
Calcium	91900	10300	22300
Chromium	177	249	161
Cobalt	4.7	27.7	6.0 M
Copper	44.2	47.0	104
Iron	70700	103000	126000
Lead	16.5	20.0	27.7
Magnesium	9720	11000	6000
Manganese	220	297	72.6
Mercury	0.26 M	0.20 M	0.24
Nickel	33.0	143	20.5
Potassium	8210	10900	5190
Selenium	20.0 M	40.0 M	20.0 M
Silver	3.0 M	5.0 M	5.0 M
Sodium	9160	14600	22100
Thallium	2.0 M	2.0 M	2.0 M
Vanadium	165	233	122
Zinc	192 J	441 J	214 J
Cyanide	10.0 M	10.0 M	10.0 M

Agan St.: Metals in Surface Water

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE IDLs

BAKER SAMPLE NO.	435001	435002	435003
SAMPLE MEDIUM	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L
VALIDATED???	X	X	X
Aluminum	769	803	940
Antimony	33 M	33 M	33 M
Arsenic	5 M	5 M	5 M
Barium	14.4	87.4	11.0
Beryllium	1 M	1 M	1 M
Cadmium	4 M	4 M	4 M
Calcium	24700	40000	23100
Chromium	4 M	4 M	4 M
Cobalt	6 M	4 M	6 M
Copper	9.8	7.9	11.3
Iron	3000	15700	1120
Lead	2.9 J	7.4 J	21.1
Magnesium	1630	42300	1190
Manganese	153	42.4	15.0
Mercury	0.2 M	0.2 M	0.2 M
Nickel	9 M	1 M	9 M
Potassium	1250	13000 J	1070 M
Selenium	4 M	4 M	4 M
Silver	5 M	5 M	5 M
Sodium	7200	401000	2930
Thallium	2 M	20 M	2 M
Vanadium	4.7	3.3	4.4
Zinc	32.1 M	29.6 M	34.3
Cyanide	10 R	10 R	10 R

Agan St.: Metals in Sediment

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE IDLs

BAKER SAMPLE NO.	435001	435002	435003	435004	435005
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
VALIDATED???	X	X	X	X	X
Aluminum	6720 J	4510 J	1850	1520	1970
Barium	25.5 J	32.4 J	5.2 U	11.3 M	9.7 M
Beryllium	0.07 M	0.77 M	0.23 M	0.23 M	0.34 M
Cadmium	3.5 M	3.1 M	0.92 M	1.0 M	1.4 M
Calcium	9170 J	3330 J	7550	4800	4400
Chromium	4.9 J	5.0 J	3.6	4.2	2.9
Cobalt	5.2 M	4.6 M	1.4 M	1.5 M	2.1 M
Copper	13.2 J	9.2 J	1.9	3.4	2.4
Iron	4930 J	2850 J	707	1720	1290
Lead	20.3 J	56.4 J	7.4	20.2	0.5
Magnesium	831 J	1300 J	105	170	259
Manganese	92.1 J	0.9 J	4.7	6.3	4.0
Mercury	0.41 M	0.30 M	0.12 M	0.12 M	0.16 M
Nickel	33.4 J	6.9 M	3.7	3.5	3.1 M
Potassium	920 M	821 M	247 M	249 M	340 M
Selenium	3.4 M	3.1 M	0.93 U	1.0 M	1.3 M
Silver	4.3 M	3.0 M	1.2 M	1.3 M	1.7 M
Sodium	549 M	2930 J	130 M	179 M	345 M
Thallium	1.7 M	1.6 M	0.47 M	2.5 M	0.67 M
Vanadium	10.4 J	17.9 J	3.4	5.0	4.6

Agan St: Pesticides in Groundwater

BAKER SAMPLE NO.	436W011	436W021	436W031
SAMPLE MEDIUM	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L
VALIDATED??	X	X	X
4,4'-DDE	0.11 U	0.1 U	0.11 U
4,4'-DDD	0.11 U	0.1 U	0.11 U
4,4'-DDT	0.11 U	0.1 U	0.11 U

Agan St: Pesticides in Groundwater (including Duplicate Sample)

BAKER SAMPLE NO.	436W011	436W021	436W031	436W031B
SAMPLE MEDIUM	Water	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L	ug/L
VALIDATED??	X	X	X	
4,4'-DDE	0.11 U	0.1 U	0.11 U	0.1 U
4,4'-DDD	0.11 U	0.1 U	0.11 U	0.1 U
4,4'-DDT	0.11 U	0.1 U	0.11 U	0.1 U

Agan St: Pesticides in Soil

BAKER SAMPLE NO.	435W0100	435W0103	435W0200	435W0200B	435W0204	435W0300	435W0400	435W0403	435W0500	435W0506	43W0100	43W0100B	43W0200	43W0202	43W0300
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/EE	ug/KG	ug/KG	ug/KG
VALIDATED??			X	X	X	RRR1551MG01					X	X	X	X	
4,4'-DDE	19 U	24 U	17 U	17 U	20 U	ND	18 U	21 U	18 U	19 U	18 U	18 U	17 U	17 U	20 U
4,4'-DDD	19 U	24 U	17 U	17 U	20 U	ND	18 U	21 U	18 U	19 U	18 U	18 U	17 U	17 U	20 U
4,4'-DDT	19 U	24 U	17 U	17 U	20 U	ND	18 U	21 U	18 U	19 U	18 U	18 U	17 U	17 U	20 U
BAKER SAMPLE NO.	435W01	435W02	435W03	435W04	435W05										
SAMPLE MEDIUM	Water	Water	Water	Water	Soil										
CONCENTRATION UNITS	ug/L	ug/L	ug/L	ug/L	ug/KG										
VALIDATED??	X	X	X	X	X										
4,4'-DDE	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U										
4,4'-DDD	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U										
4,4'-DDT	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U										

} -> Agan St: Pesticides in Surface Water

Agan St: Pesticides in Surface Water

BAKER SAMPLE NO.	43SW01	43SW02	43SW03	43SW04	43SW05
SAMPLE MEDIUM	Water	Water	Water	Water	Soil
CONCENTRATION UNITS	ug/L	ug/L	ug/L	ug/L	ug/KG
VALIDATED??	I	I	I	I	I
4,4'-DDE	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U
4,4'-DDD	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U

Agan St: Pesticides in Sediment

BAKER SAMPLE NO.	43SD01	43SD02	43SD03	43SD04	43SD05
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG
VALIDATED??	I	I	I	I	I
4,4'-DDE	270	580	19 U	21 U	140 U
4,4'-DDD	500	310	19 U	21 U	180
4,4'-DDT	220	63 U	19 U	21 U	140 U

AGAN St: Semi-Volatiles in Surface Water

ANALYSE SAMPLE NO.	435W01	435W02	435W03	435W04	435W05
SAMPLE MEDIA	Water	Water	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L	ug/L	ug/L
VALIDATED???	X	X	X	X	X
Methylphenol	10 U	10 U	10 U	10 U	10 U
Methylphenol	10 U	10 U	10 U	10 U	10 U
Benzoic Acid	50 U	2 J	50 U	50 U	50 U
Benanthrene	10 U	10 U	10 U	10 U	10 U
1-n-butylphthalate	10 U	10 U	10 U	10 U	10 U
1-methylanthrene	10 U	10 U	10 U	10 U	10 U
Pyrene	10 U	10 U	10 U	10 U	10 U
Dibenzylphthalate	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	10 U	10 U	10 U	10 U	10 U
Chrysene	10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl)phthalate	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10 U	10 U	10 U	10 U	10 U

AGAN St: Semi-Volatiles in Sediment

ANALYSE SAMPLE NO.	435S01	435S02	435S03	435S04	435S05
SAMPLE MEDIA	Soil	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG
VALIDATED???	X	X	X	X	X
Methylphenol	810 J	1300 U	390 U	850 U	560 U
Methylphenol	810 J	1300 U	390 U	850 U	64 J
Benzoic Acid	7400 J	3000 J	1900 U	4100 U	2700 U
Benanthrene	1400 U	1300 U	390 U	850 U	560 U
1-n-butylphthalate	210 J	170 J	59 J	850 U	61 J
1-methylanthrene	1400 U	1300 U	390 U	850 U	560 U
Pyrene	150 J	1300 U	390 U	850 U	560 U
Dibenzylphthalate	1400 U	1300 U	55 J	850 U	560 U
Benzo(a)anthracene	1400 U	1300 U	390 U	850 U	560 U
Chrysene	1400 U	1300 U	390 U	850 U	560 U
Bis(2-Ethylhexyl)phthalate	1400 U	1300 U	390 U	1400 J	150 J
Benzo(b)fluoranthene	290 J	1300 U	66 J	850 U	560 U
Benzo(k)fluoranthene	290 J	1300 U	66 J	850 U	560 U
Benzo(a)pyrene	1400 U	1300 U	390 U	850 U	560 U
Indeno(1,2,3-cd)pyrene	1400 U	1300 U	390 U	850 U	560 U
Benzo(g,h,i)perylene	1400 U	1300 U	390 U	850 U	560 U

AGAN St: Volatiles in Groundwater

ANALYSE SAMPLE NO.	436W011	436W021	436W031	436W031D
SAMPLE MEDIA	Water	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L	ug/L
Nethlene Chloride	5 U U	8 U U	5 U U	8 U U
Carbon Disulfide	7 U	5 U U	5 U U	5 U U

AGAN St: Volatiles in Soil

ANALYSE SAMPLE NO.	435S0100	435S0103	435S0200	435S0200D	435S0204	435S0300	435S0400	435S0403	435S0500	435S0504	43HW0101	43HW0100D	43HW0200	43HW0201	43HW0300
SAMPLE MEDIA	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Nethlene Chloride	47 U	84 U	27 U	22 U	21 U	18 U	18 U	23 U	29 U	37 U	22 U	13 U	22 U	27 U	42 U

Agan S. Semi-Volatiles in Soil

BAKER SAMPLE NO.	43SB0100	43SB0103	43SB0200	43SB0200D	43SB0204	43SB0300	43SB0400	43SB0403	43SB0500	43SB0506
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG
VALIDATED???	I	I	I	I	I	I	I	I	I	I
2-Methylphenol	380 U	490 U	350 U	350 U	400 U	400 U	380 U	440 U	350 U	380 U
4-Methylphenol	380 U	490 U	350 U	350 U	400 U	400 U	380 U	440 U	350 U	380 U
Benzoic Acid	1900 U	2400 U	1700 U	1700 U	2000 U	***NA**	***NA**	***NA**	1700 U	1900 U
Phenanthrene	380 U	490 U	350 U	350 U	400 U	400 U	380 U	440 U	350 U	380 U
Di-n-butylphthalate	380 U	490 U	350 U	350 U	400 U	400 U	380 U	440 U	350 U	380 U
Fluoranthene	380 U	490 U	350 U	350 U	400 U	400 U	380 U	440 U	350 U	380 U
Pyrene	380 U	490 U	350 U	350 U	400 U	400 U	380 U	440 U	350 U	380 U
Butylbenzylphalate	380 U	490 U	350 U	350 U	400 U	400 U	380 U	440 U	350 U	380 U
Benzo(a)anthracene	380 U	490 U	350 U	350 U	400 U	400 U	380 U	440 U	350 U	380 U
Chrysene	380 U	490 U	350 U	350 U	400 U	400 U	380 U	440 U	350 U	380 U
bis(2-Ethylhexyl)phthalate	380 U	490 U	350 U	350 U	400 U	400 U	380 U	440 U	350 U	42 J
Benzo(b)fluoranthene	380 U	490 U	350 U	350 U	400 U	400 U	380 U	440 U	350 U	380 U
Benzo(k)fluoranthene	380 U	490 U	350 U	350 U	400 U	400 U	380 U	440 U	350 U	380 U
Benzo(a)pyrene	380 U	490 U	350 U	350 U	400 U	400 U	380 U	440 U	350 U	380 U
Indeno(1,2,3-cd)pyrene	380 U	490 U	350 U	350 U	400 U	400 U	380 U	440 U	350 U	380 U
Benzo(g,h,i)perylene	380 U	490 U	350 U	350 U	400 U	400 U	380 U	440 U	350 U	380 U

Agan St. Semi-Volatiles in Soil (cont.)

BAKER SAMPLE NO.	43SM0100	43SM0100B	43SM0200	43SM0202	43SM0300
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG
VALIDATED???	I	I	I	I	I
2-Methylphenol	360 U	370 U	360 U	410 U	390 U
4-Methylphenol	360 U	370 U	360 U	410 U	390 U
Benzoic Acid	1800 U	1800 U	1800 U	2000 U	1900 U
Phenanthrene	57 J	370 UJ	360 U	410 U	390 U
Di-n-butylphthalate	89 J	40 J	360 U	410 U	390 U
Fluoranthene	230 J	110 J	360 U	410 U	390 U
Pyrene	210 J	94 J	360 U	410 U	390 U
Butylbenzylphalate	360 U	370 U	360 U	410 U	390 U
Benzo(a)anthracene	110 J	55 J	360 U	410 U	390 U
Chrysene	160	73 J	360 U	410 U	390 U
bis(2-Ethylhexyl)phthalate	200 J	100 J	49 J	54 J	72 J
Benzo(b)fluoranthene	300 J	160 J	360 U	410 U	390 U
Benzo(k)fluoranthene	300 J	160 J	360 U	410 U	390 U
Benzo(a)pyrene	110 J	56 J	360 U	410 U	390 U
Indeno(1,2,3-cd)pyrene	64 J	370 UJ	360 U	410 U	390 U
Benzo(g,h,i)perylene	80 J	42 J	360 U	410 U	390 U

Agan St.: Volatiles in Soil

WATER SAMPLE NO.	43500100	43500103	43500200	43500200B	43500204	43500300	43500400	43500403	43500500	43500600	43500600	43500700	43500800	43500900	
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	
Methylene Chloride	47 U	04 U	27 U	22 U	21 U	10 U	10 U	23 U	29 U	37 U	22 U	33 U	22 U	22 U	42 U
Carbon Disulfide	6 U	7 U	5 U	5 U	6 U	6 U	6 U	7 U	5 U	6 U	4 U	6 U	6 U	6 U	6 U

Agan St.: Volatiles in Surface Water

WATER SAMPLE NO.	435001	435002	435003	435004	435005
SAMPLE MEDIUM	Water	Water	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L	ug/L	ug/L
Methylene Chloride	5 U U	5 U	5 U U	5 U U	5 U U
Carbon Disulfide	14 U U	2.3 U	5 U U	3.3 U	1.3 U

Agan St.: Volatiles in Sediment

WATER SAMPLE NO.	435001	435002	435003	435004	435005
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG
Methylene Chloride	65 U	60 U	29 U	39 U	20 U
Carbon Disulfide	22 U	20 U	6 U	6 U	9 U

Jones St.: Metals in Groundwater. 2 Site 44

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE IDLs

BAKER SAMPLE NO. SAMPLE MEDIUM CONCENTRATION UNITS VALIDATED???	448W011 Water ug/L I	448W021 Water ug/L I	448W031 Water ug/L I	448W031B Water ug/L I
Aluminum	537000	73000	103000	144000
Antimony	33.0 U	33.0 U	33.0 U	33.0 U
Arsenic	570 R	5.0 U	13.0	10.3 J
Barium	3180	315	1250	1210
Beryllium	36.6	1.4	3.0	2.5
Cadmium	32.0	4.0 U	4.0 U	5.2
Calcium	191000	2430	197000	201000
Chromium	895	126	221	176
Cobalt	93.2	6.0 U	8.0	7.5
Copper	313	28.6	86.6	78.6
Iron	662000	150000	147000	134000
Lead	508 R	15.8	481	427
Magnesium	35700	3640	24100	22800
Manganese	1730	88.0	653	641
Mercury	1.1	0.20 U	0.20 U	0.20
Nickel	486	21.9	42.8	45.6
Potassium	32500	4540	22300	20900
Selenium	8.4 UJ	4.0 UJ	40.0 UJ	20.0 UJ
Silver	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	7500	4060	12600	13400
Thallium	2.7	2.0 U	2.0 U	2.0 U
Vanadium	759	184	311	266
Zinc	2800 J	87.3 J	1160 J	1110 J
Cyanide	10.0 U	10.0 U	10.0 U	10.0 U

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE IDLs

BAKER SAMPLE NO. SAMPLE MEDIUM CONCENTRATION UNITS VALIDATED???	445W01 Water ug/L	445W02 Water ug/L
Aluminum	6930	2860
Antimony	ND	ND
Arsenic	9.3	ND
Barium	75.5	41.7
Beryllium	ND	ND
Cadmium	ND	ND
Calcium	60100	44500
Chromium	13.3	ND
Cobalt	ND	ND
Copper	24.0	11.1
Iron	24500	8780
Lead	44.1	17.7
Magnesium	11000	7870

Metals in Surface Water

Jones St: Metals in Groundwater

DOC.No.: CLEJ-00702-4.08-04/16/92

TABLE J-2 SUMMARY OF TAL INORGANIC DATA ABOVE TDLs

BAKER SAMPLE NO.	446W011	446W021	446W031	446W031D
SAMPLE MEDIUM	Water	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L	ug/L
VALIDATED???	I	I	I	I
Aluminum	537000	73000	183000	144000
Antimony	33.0 U	33.0 U	33.0 U	33.0 U
Arsenic	570 R	5.0 U	13.0	10.5 J
Barium	3180	315	1250	1210
Beryllium	36.6	1.4	3.0	2.5
Cadmium	32.0	4.0 U	4.0 U	5.2
Calcium	191000	2430	197000	201000
Chromium	895	126	221	176
Cobalt	93.2	6.0 U	8.0	7.5
Copper	313	28.6	86.6	78.6
Iron	662000	150000	147000	134000
Lead	508 R	15.8	481	427
Magnesium	35700	3640	24100	22800
Manganese	1730	88.0	653	641
Mercury	1.1	0.20 U	0.20 U	0.20
Nickel	486	21.9	42.8	45.6
Potassium	32500	4540	22300	20900
Selenium	8.4 UJ	4.0 UJ	40.0 UJ	20.0 UJ
Silver	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	7500	4060	12600	13400
Thallium	2.7	2.0 U	2.0 U	2.0 U
Vanadium	759	184	311	266
Zinc	2800 J	87.3 J	1160 J	1110 J
Cyanide	10.0 U	10.0 U	10.0 U	10.0 U

Jones St: Metals in Surface Water

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE IDLS

BAKER SAMPLE NO.	44SW01	44SW02
SAMPLE MEDIUM	Water	Water
CONCENTRATION UNITS	ug/L	ug/L
VALIDATED???		
Aluminum	6930	2860
Antimony	ND	ND
Arsenic	9.3	ND
Barium	75.5	41.7
Beryllium	ND	ND
Cadmium	ND	ND
Calcium	60100	44500
Chromium	13.3	ND
Cobalt	ND	ND
Copper	24.0	11.1
Iron	24500	8780
Lead	44.1	17.7
Magnesium	11000	7870
Manganese	104	84.6
Mercury	ND	ND
Nickel	9.6	ND
Potassium	3350	2690
Selenium	ND UJ	ND UJ
Silver	ND	ND
Sodium	85600	60100
Thallium	ND UJ	ND UJ
Vanadium	34.1	10.1
Zinc	153	83.0
Cyanide	ND R	ND R

Jones St. : Metals in Soil

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE IDLS

WATER SAMPLE NO. SAMPLE MEDIA CONCENTRATION UNITS VALIDATED???	44R00100 Soil ug/KG	44R00100 Soil ug/KG	44R00106 Soil ug/KG	44R00200 Soil ug/KG	44R00205 Soil ug/KG	44R00300 Soil ug/KG	44R00301 Soil ug/KG	44S00100 Soil ug/KG	44S00102 Soil ug/KG	44S00200 Soil ug/KG	44S00200 Soil ug/KG	44S00206 Soil ug/KG	44S00300 Soil ug/KG	44S00306 Soil ug/KG	44S00400 Soil ug/KG	44S00406 Soil ug/KG
Aluminum	9400 J	11100 J	7050 J	9570 J	4050 J	11000 J	4410 J	13100 J	3930 J	8070 J	10000 J	8780 J	7110 J	4070 J	12000 J	5250
Antimony	7.4 UJ	7.4 UJ	0.5 UJ	7.3 UJ	7.0 UJ	0.2 UJ	0.2 UJ	9 UJ	0.1 UJ	7.3 UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	0.1 U
Arsenic	2.0	2.3 J	1.7	3.2 J	1.2 U	10.2	3.0	3.9	1.2 UJ	1.7	1.4	ND	4.1	ND	4.9	1.2 U
Barium	14.0	16.7	17.9	11.9	4.1	18.3	22.9	16.0	7.4	14.1	18.4	14.1	12.0	7.3	13.4	12.0 U
Beryllium	0.23 U	0.23 U	0.26 U	0.22 U	0.24 U	0.25 U	0.25 U	0.27 U	0.24 U	0.22 U	ND	ND	ND	ND	ND	0.25 U
Cadmium	0.9 U	0.92 U	1 U	0.80 U	0.94 U	0.99 U	1 U	1.1 U	0.90 U	0.80 U	ND	ND	ND	ND	ND	0.99 U
Calcium	7500	11600	4730	87.2	34.1 U	7370	5640	142	34.3 U	12200	3930	77.6	4100	745	1600	36.5 U
Chromium	13.0 J	13.9 J	10.0 J	15.5 J	5.6 J	17.4 J	12.6 J	26.2 J	5.3 J	11.1 J	12.7 J	9.3 J	10 J	4.9 J	19.1 J	7.9
Cobalt	1.4 U	1.4 U	1.5 U	1.3 U	1.4 U	1.5 U	1.5 U	1.6 U	1.3 U	1.3 U	ND	ND	ND	ND	ND	1.5 U
Copper	111 J	41.0 J	25.4 J	27.7 J	6.2 J	42.2 J	127 J	27.4 J	2.3 J	2.0 J	2.7 J	1.5 J	2.0 J	1.9 J	2.4 J	1.4 U
Iron	7550 J	7000 J	5570 J	11500 J	1400 J	13700 J	8350 J	20500 J	4440 J	8140 J	8140 J	3850 J	7340 J	2070 J	14100 J	2650
Lead	7.5	7.0	10.7	7.2	3.5	9.7	44.4	12.0	9.0	13.0	9.4	9.4	7.5	4.3	12.5	4.1 U
Magnesium	441	390	347	371	129	494	454	510	320	414	384	270	293	129	503	231 U
Manganese	11.2	12.9	20.4	7.3	3.5	31.3	10.7	4.0	9.5	0.1	5.2	5.0	4.1	4.2	9.4 J	9.4 J
Mercury	0.11 U	0.11 U	0.13 U	0.1 U	0.12 U	0.12 U	0.13 U	0.14 U	0.12 U	0.11 U	ND	ND	ND	ND	ND	0.11 U
Nickel	13.9	0.2	5.4	3.9	3.1	10.3	0.7	4.0	2.2 U	2.9	2.5	3.4	2.0	4.1	4.9	2.2 U
Potassium	342	424	342	454	252 U	454	481	757	241 U	313	304	344	267	49	334	274 J
Selenium	0.07 UV	0.91 UV	1 UV	0.09	0.94 U	1 UV	1 UV	1.1 UV	0.94 U	0.00 UV	1.1	ND	1.1	ND	ND	0.90 U
Silver	1.1 UJ	1.1 UJ	1.3 UJ	1.1 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.4 UJ	1.2 UJ	1.1 UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	1.2 U
Sodium	149 U	149 U	174 U	145 U	145 U	204 U	185 U	220 U	142 U	191 U	147 U	157 U	143 U	155 U	190 U	133 U
Thallium	0.44 U	0.44 U	0.51 U	0.44 U	0.47 U	0.5 U	0.5 U	0.53 U	0.40 U	0.44 U	ND	ND	ND	ND	ND	0.49 U
Vanadium	10.0	29.3	14.7	22.9	5.0	27.4	34.0	39.2	9.0	22.1	19.1	14.1	14.7	7.0	20.2	0.4 U
Zinc	7.4	8.0	34.9	5.5	3.2	7.0	44.9	10.1	2.0	7.1	6.3	3.5	4.0	5.4	7.4	4.0 U
Cyanide	0.57 U	0.57 U	0.45 U	0.57 U	0.59 U	0.62 U	0.44 U	0.60 U	0.41 U	0.56 U	ND	ND	ND	ND	ND	0.51 U

Jones St. : Metals in Soil (cont.)

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE IDLs

BAKER SAMPLE NO.	445D0500	445D0507	445D0600	445D0600
SAMPLE MEDIA	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG
VALIDATED???	X	X	X	X
Aluminum	13500	2100	13000	1310
Antimony	0.2 U	7.7 U	7.4 U	0.2 U
Arsenic	3.9	1.2 U	2.7	1.2 U
Barium	20.2	4.1 U	19.3	3.3 U
Beryllium	0.25 U	0.25 U	0.23 U	0.25 U
Cadmium	0.99 U	0.94 U	0.92 U	0.99 U
Calcium	9800	94.6 U	3350	167 U
Chromium	17.9	4.6	16.0	3.0
Cobalt	1.5 U	1.4 U	1.4 U	1.5 U
Copper	2.0	4.5	5.1	2.5
Iron	15500	1300	8750	849
Lead	0.0	4.5	7.9	1.9
Magnesium	594	102	574	71.9
Manganese	12.7	5.1 U	16.0	3.1 U
Mercury	0.12 U	0.12 U	0.11 U	0.12 U
Nickel	2.2 U	2.1 U	2.1 U	2.2 U
Potassium	493	250 U	617	244 U
Selenium	0.90 U	0.95 U	0.92 U	0.99 U
Silver	1.2 U	1.2 U	1.1 U	1.66 U
Sodium	199 U	100 U	200 U	144 U
Thallium	0.49 U	0.40 U	0.44 U	0.50 U
Vanadium	27.9	4.3	22.3	2.3
Zinc	16.1	5.4	13.4	5.0
Cyanide	0.62 U	0.60 U	0.57	0.62 U

JONES ST - PESTICIDES IN GROUNDWATER

BAKER SAMPLE NO.	446001	446002	446003	446004
CORPU CHEM SAMPLE NO.	439	439994	439999	439992
SAMPLE MEDIUM	Water	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L	ug/L
VALIDATED???	X	X	X	X
4,4'-DDE	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDD	0.1 U	0.1 U	0.1 U	0.1 U

Jones St: Pesticides in Soil

BAKER SAMPLE NO.	44800100	44800100	44800106	44800200	44800203	44800300	44800306	44800106	44800102	44800200	44800200	44800206	44800200	44800306	44800400	44800406
CORPU CHEM SAMPLE NO.	439591	439593	439594	439595	439596	439597	439598	439599	439600	439601	439602	439603	439604	439605	439606	439606
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG
VALIDATED???	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4,4'-DDE	10 U	10 U	20 U	10 U	19 U	20 U	21 U	22 U	20 U	30	39	19 U	10 U	10 U	22 U	20 U
4,4'-DDD	10 U	10 U	20 U	10 U	19 U	20 U	40	22 U	20 U	10 U	19 U	19 U	10 U	10 U	22 U	20 U

Jones St. : Pesticides in Soil

DAKER SAMPLE NO.	44500500	44500507	44500600	44500600
CORPUS CHER SAMPLE NO.	434352	434353	434355	434355
SAMPLE MEDIUM	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/kg	ug/kg	ug/kg	ug/kg
VALIDATED???				

4,4'-DDE	10 U	19 U	10 U	20 U
4,4'-DDD	10 U	19 U	10 U	20 U

Jones St. : Pesticides in Surface Water (SW) and Sediment (SD)

DAKER SAMPLE NO.	445001	445002	445001	445002	445002
CORPUS CHER SAMPLE NO.	436025	436026	436054	436420	436062
SAMPLE MEDIUM	Water	Water	Soil	Soil	Soil
CONCENTRATION UNITS	ug/L	ug/L	ug/kg	ug/kg	ug/kg
VALIDATED???	X	X	X	X	X

4,4'-DDE	0.1 U	0.11 U	1000 J	100	600 J
4,4'-DDD	0.1 U	0.11 U	1000 J	100	250 J

Jones St : Semi-Volatiles in Groundwater

BAKER SAMPLE NO.	446W011	446W021	446W031	446W031B
COMPU CHEM SAMPLE NO.	439991	439994	439989	439992
SAMPLE MEDIUM	Water	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L	ug/L
VALIDATED??				
2-Methylphenol	10 U	10 U	10 U	10 U
4-Methylphenol	10 U	10 U	10 U	10 U
Benzoic Acid	NAH	50 U	50 U	NAH
2-Methylnaphthalene	10 U	10 U	10 U	14
Acenaphthylene	10 U	10 U	10 U	10 U
Acenaphthene	10 U	10 U	10 U	16
Dibenzofuran	10 U	10 U	10 U	8 J
Fluorene	10 U	10 U	10 U	10
Phenanthrene	10 U	10 U	10 U	24
Anthracene	10 U	10 U	10 U	3 J
Di-n-butylphthalate	10 U	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U	14
Pyrene	10 U	10 U	10 U	9 J
Butyl Benzyl Phthalate	10 U	10 U	10 U	10 U
Benzo(a)anthracene	10 U	10 U	10 U	3 J
Bis(2-Ethylhexyl)phthalate	10 U	10 U	10 U	3 R

Jones St : Semi-volatiles in Soil

LABOR SAMPLE NO. CORRU CHEM SAMPLE NO. SAMPLE MEDIUM CONCENTRATION UNITS CALIBRATED??	44RU0104 439591 Soil ug/KG X	44RU0104 439593 Soil ug/KG X	44RU0106 439594 Soil ug/KG X	44RU0201 439595 Soil ug/KG X	44RU0205 439596 Soil ug/KG X	44RU0300 439597 Soil ug/KG X	44RU0306 439598 Soil ug/KG X	44SD0100 439599 Soil ug/KG X	44SD0102 439600 Soil ug/KG X	44SD0200 439601 Soil ug/KG X	44SD0200B 439602 Soil ug/KG X	44SD0206 439603 Soil ug/KG X	44SD0300 439604 Soil ug/KG X	44SD0306 439605 Soil ug/KG X	44SD0400 439606 Soil ug/KG I	44SD0406 Soil ug/KG I
2-Nethylphenol	370 U	380 U	420 U	370 U	390 U	440 U	430 U	450 U	410 U	370 U	400 U	390 U	370 U	370 U	440 U	410
4-Nethylphenol	370 U	380 U	420 U	370 U	390 U	440 U	430 U	450 U	410 U	370 U	400 U	390 U	370 U	370 U	440 U	410
Benzoic Acid	1300 U	1800 U	2100 U	1800 UJ	1900 U	2200 U	2100 U	2200 U	42 J	39 J	44 J	1900 U	160 J	47 J	2100 U	2000
2-Nethylnaphthalene	370 U	380 U	420 U	370 U	390 U	440 U	170 J	450 U	410 U	370 U	400 U	390 U	370 U	370 U	440 U	410
Acenaphthylene	370 U	380 U	420 U	370 U	390 U	440 U	120 J	450 U	410 U	370 U	400 U	390 U	370 U	370 U	440 U	410
Acenaphthene	370 U	380 U	420 U	370 U	390 U	440 U	120 J	450 U	410 U	370 U	400 U	390 U	370 U	370 U	440 U	410
Benzofuran	370 U	380 U	420 U	370 U	390 U	440 U	100 J	450 U	410 U	370 U	400 U	390 U	370 U	370 U	440 U	410
Fluorene	370 U	380 U	420 U	370 U	390 U	440 U	140 J	450 U	410 U	370 U	400 U	390 U	370 U	370 U	440 U	410
Phenanthrene	370 U	380 U	420 U	370 U	390 U	440 U	320 J	450 U	410 U	370 U	400 U	390 U	370 U	370 U	440 U	410
Anthracene	370 U	380 U	420 U	370 U	390 U	440 U	430 U	450 U	410 U	370 U	400 U	390 U	370 U	370 U	440 U	410
Di-n-butylphthalate	370 U	380 U	420 U	370 U	390 U	440 U	430 U	450 U	410 U	370 U	400 U	390 U	370 U	370 U	440 U	410
Fluoranthene	370 U	380 U	420 U	370 U	390 U	440 U	140 J	450 U	410 U	370 U	400 U	390 U	370 U	370 U	440 U	410
Pyrene	370 U	380 U	76 J	370 U	390 U	440 U	100 J	450 U	410 U	370 U	400 U	390 U	370 U	370 U	440 U	410
Butyl Benzyl Phthalate	370 U	380 U	420 U	370 U	390 U	440 U	430 U	450 U	410 U	370 U	400 U	390 U	370 U	370 U	440 U	410
Benzo(a)anthracene	370 U	380 U	420 U	370 U	390 U	440 U	430 U	450 U	410 U	370 U	400 U	390 U	370 U	370 U	440 U	410
bis(2-Ethylhexyl)phthalate	370 U	380 U	420 U	370 U	390 U	440 U	430 U	450 U	410 U	370 U	400 U	390 U	370 U	370 U	440 U	410

SAMPLE MEDIUM CONCENTRATION UNITS VALIDATED???	Water ug/L	Water ug/L	Water ug/L	Water ug/L
	X	X	X	X
Chloroethane	10 U	10 U	10 U	10 U
Methylene Chloride	5 U	5 U	5 U	5 U
Acetone	10 U	10 U	10 U	10 U
Carbon Disulfide	6	5 U	5 U	2 J
1,1,2- Trichloroethane	5 U	5 U	5 U	5 U
Toluene	3 J	5 U	5 U	5 U
Ethylbenzene	2 J	5 U	5 U	5 U

Jones St: Volatiles in Groundwater

Sample No. 44GW011 44GW021 44GW031 44GW031D

Jones St: Volatiles in Soil

WATER SAMPLE NO. SAMPLE MEDIUM CONCENTRATION UNITS VALIDATED???	44HW0100 Soil ug/KG	44HW0100 Soil ug/KG	44HW0106 Soil ug/KG	44HW0200 Soil ug/KG	44HW02035 Soil ug/KG	44HW0300 Soil ug/KG	44HW0306 Soil ug/KG	44SB0100 Soil ug/KG	44SB0102 Soil ug/KG	44SB0200 Soil ug/KG	44SB0200D Soil ug/KG	44SB0206 Soil ug/KG	44SB0300 Soil ug/KG	44SB0306 Soil ug/KG	44SB0400 Soil ug/KG
	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Chloroethane	11 U	11 U	1600 U	11 U	12 U	12 U	1 J	14 U	12 U	11 U	12 U	12 U	11 U	11 U	14 U
Methylene Chloride	21 U	34 U	1100 U	37 U	31 U	34 U	20 U	41 U	39 U	30 U	35 U	32 U	21 U	24 U	45 U
Acetone	16 U	61 U	1500 U	50 U	59 U	86 U	65 U	37 U	33 U	18 U	14 U	19 U	ND	13 U	68 U
Carbon Disulfide	6 U	6 U	800 U	6 U	6 U	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	2 J
1,1,2- Trichloroethane	6 U	6 U	800 U	6 U	6 U	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U
Toluene	6 U	6 U	800 U	6 U	6 U	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U
Ethylbenzene	6 U	6 U	800 U	6 U	6 U	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U

Jones St.: Volatiles in Soil

BAKER SAMPLE NO.	445B0404	445B0500	445B0507	445B0600	445B0608
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG
VALIDATED???	X				
Chloroethane	12 U	11 U	12 U	11 U	12 U
Methylene Chloride	41 U	16	14	25 B	20
Acetone	33 U	8 B3	5 B3	13 B	16 B
Carbon Disulfide	6 U	6 U	6 U	6 U	6 U
1,1,2- Trichloroethane	6 U	6 U	6 U	6 U	6 U
Toluene	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	6 U	6 U	6 U	6 U	6 U

Jones St.: Volatiles in Surface Water

BAKER SAMPLE NO.	445W01	445W02
SAMPLE MEDIUM	Water	Water
CONCENTRATION UNITS	ug/L	ug/L
VALIDATED???	X	X
Chloroethane	10 U U	
Methylene Chloride	5 U U	16 U U
Acetone	19 U U	ND
Carbon Disulfide	18 U	ND
1,1,2- Trichloroethane	5 U U	3 J
Toluene	5 U U	ND
Ethylbenzene	5 U U	ND

BAKER SAMPLE NO.	445D01	445D02
SAMPLE MEDIUM	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG
VALIDATED???		
Chloroethane	34 U	45 U
Methylene Chloride	34 U	90 U
Acetone	34 U	440 U
Carbon Disulfide	17 U	23 U
1,1,2- Trichloroethane	17 U	23 U
Toluene	17 U	23 U
Ethylbenzene	17 U	23 U

} → Jones St.: Volatiles in Sediment

BAKER SAMPLE NO. SAMPLE MEDIUM CONCENTRATION UNITS VALIDATED???	63H0105 Water ug/L X	63H0100 Water ug/L X
Aluminum	60.2	153 U
Antimony	33.0 U	33.0 U
Arsenic	5.0 UJ	5.0 U
Barium	1.0 U	1.0
Beryllium	1.0 U	1.0 U
Cadmium	4.0 U	4.0 U
Calcium	119 U	79.1 U
Chromium	4.0 U	4.0 U
Cobalt	6.0 U	6.0 U
Copper	4.0 U	57.7
Iron	91.0 U	112 U
Lead	2.0 U	4.3 J
Magnesium	30.0 U	30.0 U
Manganese	1.0 U	1.0 U
Mercury	0.20 U	0.20 U
Nickel	12.5	11.2
Potassium	1070 U	1070 U
Selenium	4.0 J	4.0 UJ
Silver	5.0 U	5.0 U
Sodium	412 U	547 U
Thallium	2 U	2.0 U
Vanadium	3 UJ	3.0 U
Zinc	10.4 U	12.9 U
Cyanide	10.0 R	10.0 U

Verona Loop: S 63

Metals in Groundwater

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE TALS

Metals in Soil

BAKER SAMPLE NO. SAMPLE MEDIUM CONCENTRATION UNITS VALIDATED???	63H0105 Soil ug/KG X	63H0100 Soil ug/KG X	63H0200 Soil ug/KG X	63H0206 Soil ug/KG X	63H0300 Soil ug/KG X	63H0304 Soil ug/KG X	63S0100 Soil ug/KG X	63S0107 Soil ug/KG X	63S0200 Soil ug/KG X	63S02045 Soil ug/KG X	63S0300 Soil ug/KG X	63S03045 Soil ug/KG X	63S0400 Soil ug/KG X	63S0406 Soil ug/KG X	63S0500 Soil ug/KG	63S0503 Soil ug/KG X
Aluminum	13600	2200	6310	1920	1260	7440	8450	17100	1860	12600	5710	14000	5800	20500	975	4920
Antimony	0.1 U	7.3 U	7.3 U	7.6 U	7.4 U	7.4 U	8.0 U	9.0 U	7.0 U	8.2 U	7.7 U	8.3 U	7.1 U	8.1 U	7.0 UJ	8.0 U
Arsenic	1.2 U	1.1 UJ	1.9 J	1.2 U	1.1 UJ	1.3	1.4	4.0	1.1 U	1.2 U	2.3	1.7	1.7	2.3	1.2 U	1.2 J
Barium	15.2 U	7.2 U	10.1 U	6.0 U	2.8 U	9.6 U	20.4	16.3	5.7 U	6.7 U	16.9	22.6	22.9	41.8	7.9 U	5.3 U
Beryllium	0.25 U	0.22 U	10.1?? J	0.23 U	0.22 U	0.23 U	0.24 U	0.29 U	0.21 U	0.25 U	0.23 U	0.25 U	0.22 U	0.63 U	0.26 U	0.24 U
Cadmium	0.98 U	0.89 U	0.88 U	0.92 U	0.89 U	0.90 U	0.97 U	1.1 U	0.85 U	0.99 U	0.93 U	1.0 U	0.86 U	0.78 U	0.84 U	0.97 U
Calcium	95.5	40.6 U	52.0 U	35.8 U	15.1 U	96.0 U	93.3 U	79.7	42.6 U	202 U	50.6 U	46.3 U	50.2 U	377	105 U	65.7 U
Chromium	12.6	2.0	9.4	2.0	2.2	7.7	8.7	29.7	2.3	12.1	11.3	13.6	7.9	30.3	1.7 J	6.1
Cobalt	1.5	1.3 U	1.3 U	1.4 U	1.3 U	1.4 U	1.4 U	1.6 U	1.3 U	1.5 U	1.4 U	1.5 U	1.3 U	5.1	1.3 U	1.5 U
Copper	2.9	1.3	2.9	1.2	1.2	1.6	3.8	8.3	7.8	3.8	8.0	6.6	13.0	24.9	20.3	3.8
Iron	3270	780	3630	482	741	2790	3950	16100	789	2700	5780	3030	4350	9220	939	1480
Lead	3.6	2.6	6.6	2.6	2.4	4.2	11.9	7.9	2.2	6.4	17.1	6.6	36.3	8.5	9.9	2.1
Magnesium	340	58.7	173	40.9	32.2	195	324	712	61.1	208	277	494	244	1020	35 U	131
Manganese	8.7	21.3	7.4	18.8	6.6	4.9	14.3	17.1	18.4	4.0 U	14.5	25.6	22.8	57.1	8.8 U	8.5
Mercury	0.15 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.12 U	0.14 U	0.11 U	0.12 U	0.12 U	0.15 U	0.11 U	0.12 U	0.11 UJ	0.12 U
Nickel	5.6	2.9	3.1	3.1	2.1	5.4	3.9	3.2	2.2	2.2 U	2.1 U	6.1	2.4	7.3	1.9 U	2.4
Potassium	644	237 U	431	247 U	238 U	290	373	1300	228 U	534	697	762	441	2000	225 U	259 U
Selenium	0.99 U	0.90 U	0.87 U	0.93 U	0.89 U	0.90 UJ	0.97 U	1.1 U	0.87 U	1.0 U	0.91 U	1.0 U	0.86 U	1.0 U	0.85 U	0.99 U
Silver	1.2 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.4 UJ	1.1 UJ	1.2 UJ	1.2 UJ	1.0 UJ	1.1 UJ	1.2 UJ	1.1 UJ	1.2 UJ
Sodium	126 U	101 U	95.5 U	84.9 U	93.1 U	110 U	176 U	214 U	154 U	191 U	209 U	196 U	161 U	297 U	96.4 U	133 U
Thallium	0.50 U	0.45 U	0.44 U	0.40 U	0.45 U	0.45 U	0.48 U	ND	0.44 U	0.50 U	0.46 U	ND	0.43 U	0.59 U	0.43 U	0.50 U
Vanadium	13.7	2.4	12.1	1.6	2.7	9.7	13.3	30.9	2.2	14.5	13.8	17.9	10.1	36.9	2.3	5.8
Zinc	6.6	2.9 U	8.4	2.5 U	1.8 U	3.8 U	14.4	20.0	9.9	7.5	30.2	27.6	57.1	33.9	32.7 U	11.6
Cyanide	0.62 U	0.56 U	0.56 U	0.59 U	0.56 U	0.57 U	0.61 U	0.69 U	0.55 U	0.62 U	0.58 U	ND	0.55 U	0.62 U	0.54 U	0.62 U

Verona Loop = Metals in Soil

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE 10Ls

BAKER SAMPLE NO.	6350600	63506045
SAMPLE REGION	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG
VALIDATED???	X	X
Aluminum	2280	13300
Antimony	7.3 U	0.4 U
Arsenic	1.1 U	9.1
Barium	6.1 U	9.4 U
Beryllium	0.22 U	0.25 U
Cadmium	0.00 U	1.0 U
Calcium	37.3 U	322 U
Chromium	2.3	13.9
Cobalt	1.3 U	1.5 U
Copper	2.3	0.4
Iron	779	5490
Lead	2.5	6.2
Magnesium	62.2	297
Manganese	15.4	14.1
Mercury	0.11 U	0.13 U
Nickel	2.0 U	2.3 U
Potassium	235 U	710
Selenium	0.09 U	0.90 U
Silver	1.1 U	1.3 U
Sodium	146 U	175 U
Thallium	0.44 U	0.49 U
Vanadium	2.2	18.5
Zinc	0.7	0.7
Cyanide	0.56 U	0.63 U

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE IDLS

BAKER SAMPLE NO.	63SD01	63SD01D	63SD02
SAMPLE MEDIUM	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG
VALIDATED???	X	X	X
Aluminum	803 J	584 J	13400 J
Antimony	9.5 UJ	9.2 UJ	9.6 UJ
Arsenic	1.4 U	1.4 U	3.5
Barium	3.7 J	2.7	34.2
Beryllium	0.29 U	0.28 U	0.31
Cadmium	1.1 U	1.1 U	1.2 U
Calcium	48.1 U	50.7 U	140
Chromium	1.7 J	1.4 J	17.3 J
Cobalt	1.7 U	1.7 U	1.7 U
Copper	76.8 J	6.5 J	16.8 J
Iron	376 J	341 J	5750 J
Lead	3.4	3.0	90.9
Magnesium	36.5	31.0	525
Manganese	2.7	1.6	14.7
Mercury	0.14 U	0.14 U	0.10 U
Nickel	0.2	2.7	3.5
Potassium	306 U	298 U	873
Selenium	1.1 U	1.1 U	1.2 U
Silver	ND UJ	1.4 UJ	1.5 UJ
Sodium	178 U	173 U	209 U
Thallium	ND	0.55 U	0.60 U
Vanadium	1.6	1.6	24.0
Zinc	3.5	2.8	19.0
Cyanide	ND	0.70 U	0.74 U

Verona Loop: Metals in Sediment

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE IDLS

BAKER SAMPLE NO.	63SW01	63SW01D	63SW02
SAMPLE MEDIUM	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L
VALIDATED???	X	X	X
Aluminum	1170	1110	1030
Antimony	33.0 U	33.0 U	33.0 U
Arsenic	5.0 U	5.0 U	5.0 U
Barium	26.9	29.0	34.0
Beryllium	1.0 U	1.0 U	1.0 U
Cadmium	4.0 U	4.0 U	4.0 U
Calcium	1570	1610	2520
Chromium	4.0 U	4.0 U	4.0 U
Cobalt	6.0 U	6.0 U	6.0 U
Copper	6.3	4.0 U	4.0 U
Iron	1040	1110	1090
Lead	3.0 J	2.6 J	2.9 J
Magnesium	746	795	845
Manganese	10.4	10.6	13.8
Mercury	0.20 U	0.2 U	0.2 U
Nickel	10.2	9.0 U	9.0 U
Potassium	1070 U	1070 U	1070 U
Selenium	4.0 UJ	4.0 UJ	4.0 UJ
Silver	5.0 U	5.0 U	5.0 U
Sodium	4150	4560	4780
Thallium	2.0 UJ	2.0 UJ	2.0 J
Vanadium	3.0 U	3.0 U	3.0 U
Zinc	19.7 U	12.7 U	40.1 U

Verona Loop: Metals in Surface Water

BAKER SAMPLE NO.
SAMPLE MEDIUM
CONCENTRATION UNITS
VALIDATED???

	63R0823 Water ug/L	63R0811 Water ug/L	63R0821 Water ug/L	63R0831 Water ug/L
	X	X	X	X
4,4'-DDE	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDD	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U	0.1 U	0.1 U

Verona 'pp:
Pesticides in Groundwater

Verona Loop: Pesticides in Soil

BAKER SAMPLE NO.
SAMPLE MEDIUM
CONCENTRATION UNITS
VALIDATED???

	63R0105 Soil ug/KG	63R0100 Soil ug/KG	63R0200 Soil ug/KG	63R0206 Soil ug/KG	63R0300 Soil ug/KG	63R0304 Soil ug/KG	63S0100 Soil ug/KG	63S0107 Soil ug/KG	63S0200 Soil ug/KG	63S02045 Soil ug/KG	63S0300 Soil ug/KG	63S03045 Soil ug/KG	63S0400 Soil ug/KG	63S0406 Soil ug/KG	63S0500 Soil ug/KG	63S0503 Soil ug/KG
	X	X	X	X	X	X									X	
4,4'-DDE	20 U	18 U	18 U	19 U	18 U	18 U	19 U	22 U	18 U	20 U	18 U	20 U	38	20 U	17 U	20 U
4,4'-DDD	20 U	18 U	18 U	19 U	18 U	18 U	19 U	22 U	18 U	20 U	18 U	20 U	53	20 U	17 U	20 U
4,4'-DDT	20 U	18 U	18 U	19 U	18 U	18 U	19 U	22 U	18 U	20 U	18 U	20 U	39	20 U	17 U	20 U

Verona Loop: Pesticides in Soil

BAKER SAMPLE NO.	63S0400	63S06045
SAMPLE MEDIUM	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG
VALIDATED???		
4,4'-DDE	10 U	20 U
4,4'-DDD	10 U	20 U
4,4'-DDT	10 U	20 U

BAKER SAMPLE NO.	63S001	63S001D	63S002
SAMPLE MEDIUM	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG
VALIDATED???	X	X	X
4,4'-DDE	23 U	22 U	24 U
4,4'-DDD	23 U	22 U	24 U
4,4'-DDT	23 U	22 U	24 U

Pesticides in Sediment

BAKER SAMPLE NO.	63SW01	63SW01D	63SW02
SAMPLE MEDIUM	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L
VALIDATED???	X	X	X
4,4'-DDE	0.11 U	0.1 U	0.1 U
4,4'-DDD	0.11 U	0.1 U	0.1 U
4,4'-DDT	0.11 U	0.1 U	0.1 U

Pesticides in Surface Water

BAKER SAMPLE NO.	63G02	63G023	63G011	63G021	63G031
SAMPLE MEDIUM	Water	Water	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L	ug/L	ug/L
VALIDATED???	X	X	X	X	X
Benzoic Acid	52 U	50 U	50 U	3 J	50 U
Di-n-butylphthalate	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10 U	10 U	10 U	9 J	10 U

Semi-Volatiles in Groundwater

Verona Loop: Semi-Volatiles in Soil

BAKER SAMPLE NO.	63HW0105	63HW0100	63HW0200	63HW0206	63HW0300	63HW0304	63SW0100	63SW0107	63SW0200	63SW02045	63SW0306	63SW03045	63SW0400	63SW0406	63SW0500	63SW0503
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG
VALIDATED???	X	X	X	X	X	X									X	
Benzoic Acid	2000 U	1800 U	280 J	1900 U	45 J	1800 U	1900 U	2200 U	1700 U	2000 U	1900 U	2000 U	1300 U	2000 U	1700 U	1900
Di-n-butylphthalate	400 U	51 J	50 J	70 J	43 J	43 J	400 U	60 BJ	350 U	42 BJ	380 U	420 U	360 U	55 BJ	350 U	400
bis(2-Ethylhexyl)phthalate	62 J	67 J	72 J	390 U	44 J	380 U	45 BJ	88 BJ	38 J	86 BJ	170 BJ	100 BJ	65 J	85 BJ	350 U	63

Veromy loop :

Semi-Volatiles in soil (cont)

BAKER SAMPLE NO.	63S0600	63S06045
SAMPLE MEDIUM	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG
VALIDATED???		
Benzoic Acid	U 1800 U	2000 U
Di-n-butylphthalate	U 370 U	410 U
bis(2-Ethylhexyl)phthalate	J 41 J	42 J

Semi-Volatiles in Sediment

BAKER SAMPLE NO.	63S001	63S001D	63S002
SAMPLE MEDIUM	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG
VALIDATED???	X	X	X
Benzoic Acid	2300 UJ	2260 U	2400 UJ
Di-n-butylphthalate	400 U	460 U	300 U
bis(2-Ethylhexyl)phthalate	480 U	460 U	300 U

Semi-Volatiles in Surface Water

BAKER SAMPLE NO.	63SW01	63SW01D	63SW02
SAMPLE MEDIUM	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L
VALIDATED???	X	X	X
Benzoic Acid	50 U	56 U	56 U
Di-n-butylphthalate	10 U	11 U	11 U
bis(2-Ethylhexyl)phthalate	10 U	11 U	11 U

Volatiles in Groundwater

BAKER SAMPLE NO.	63R02	63R0023	63GW011	63GW021	63GW031
SAMPLE MEDIUM	Water	Water	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L	ug/L	ug/L
VALIDATED???	X	X	X	X	X
Methylene Chloride	5 U U	5 U	5 U	5 U	5 U
Carbon Disulfide	5 U U	5 U	5 U	1 J	1 J
Chloroform	2 J U	2 J	5 U	5 U	5 U
Toluene	5 U U	5 U	5 U	5 U	5 U
Total Xylenes	5 U U	5 U	5 U	5 U	5 U

Verona Loop: Volatiles in Soil

BAKER SAMPLE NO.	63HW01058	63HW0100	63HW0200	63HW0206	63HW0300	63HW0304	63SW0100	63SW0107	63SW0200	63SW02045	63SW0300	63SW03045	63SW0400	63SW0406	63SW0500
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
CONCENTRATION UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
VALIDATED???	X	X													X
Methylene Chloride	30 U	33 U	19 U	30 U	21 U	29 U	10	42	30 U	29	11	14	33 U	19 U	20 U
Carbon Disulfide	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
Chloroform	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U	6 U	6 U	6 U	6 U	6 U	5 U
Toluene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U	6 U	2	6 U	6 U	6 U	5 U
Total Xylenes	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U	6 U	3	6 U	6 U	6 U	5 U

Volatiles in

Surface Water

BAKER SAMPLE NO.	63SW01	63SW01D	63SW02
SAMPLE MEDIUM	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L
VALIDATED???	X	X	X
Methylene Chloride	5 U U	88 U U	5 U
Carbon Disulfide	5 U U	5 U U	5 U
Chloroform	5 U U	5 U U	5 U
Toluene	5 U U	5 U U	5 U
Total Xylenes	5 U U	5 U U	5 U

Verona Loop: Volatiles in Sediment

BAKER SAMPLE NO.	63SD01	63SD01D	63SD02
SAMPLE MEDIUM	Soil	Soil	Soil
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG
VALIDATED???	X	X	X
Methylene Chloride	30 U	21 U	67 U
Carbon Disulfide	7 U	7 U	0 U
Chloroform	7 U	7 U	0 U
Toluene	7 U	7 U	0 U
Total Xylenes	7 U	7 U	0 U

Verona Loop:

Volatiles in Soil

BAKER SAMPLE NO.	63SD0503	63SD0600	63SD06045
SAMPLE MEDIUM	Soil	Soil	Soil
CONCENTRATION UNITS	ug/kg	ug/kg	ug/kg
VALIDATED???			
Methylene Chloride	43 D	44 D	93 D
Carbon Disulfide	6 U	6 U	6 U
Chloroform	6 U	6 U	6 U
Toluene	6 U	6 U	6 U
Total Xylenes	6 U	6 U	6 U

Volatiles in Surface Water

BAKER SAMPLE NO.	63SW01	63SW01B	63SW02
SAMPLE MEDIUM	Water	Water	Water
CONCENTRATION UNITS	ug/L	ug/L	ug/L
VALIDATED???	X	X	X
Methylene Chloride	5 U U	88 U U	5 U U
Carbon Disulfide	5 U U	5 U U	5 U U
Chloroform	5 U U	5 U U	5 U U
Toluene	5 U U	5 U U	5 U U
Total Xylenes	5 U U	5 U U	5 U U

Engineering Area: site 65.

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE 100s

BAKER SAMPLE NO. SAMPLE MEDIUM DUPLICATE/AIRMSATE CONCENTRATION UNITS	65W0011 Water ug/L	65W0021 Water ug/L	65W0031 Water ug/L
Aluminum	27000	36000	42200
Antimony	33 U	33 U	33 U
Arsenic	9.9 U	300	3 U
Barium	304	430	105 U
Beryllium	3.6 U	4.9 U	1 U
Cadmium	4 U	4 U	4 U
Calcium	101000	82000	33300
Chromium	220	364	50.1
Cobalt	24.3 U	20.3 U	6 U
Copper	40.3	127	28.2
Iron	76300	129000	26000
Lead	30.4	132	19.1
Magnesium	22700	151000	7010
Manganese	474	251	56.2
Mercury	0.29	0.2 U	0.2 U
Nickel	75.4	04.3	19.4 U
Potassium	13400	14600	4730 U
Selenium	40.0 U	4 U	20 U
Silver	5.0 U	5 U	5 U
Sodium	17700	0630	3050 U
Thallium	2.0 U	2 U	2 U
Vanadium	263	433	39.0
Zinc	253	404	140
Cyanide	10.0 U	10 U	10 U

Metals in Groundwater

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE 100s

Metals in Soil

BAKER SAMPLE NO. SAMPLE MEDIUM DUPLICATE/AIRMSATE	65W00100 Soil	65W00111 Soil	65W00200 Soil	65W00206 Soil	65W00300 Soil	65W00311 Soil	65W00310 Soil Duplicate	65S00100 Soil	65S00107 Soil	65S00200 Soil	65S00212 Soil	65S00300 Soil	65S00313 Soil	65S00400 Soil	65S004091 Soil	65S00500 Soil
Aluminum	3600 J	1300 J	1550 J	2100 J	7990 J	2030 J	3000 J	1800 J	3510 J	3490 J	7200 J	2020 J	1020 J	1490 J	10700 J	1070 J
Antimony	7.7 U	7.0 U	7.1 U	7.0 U	7.3 U	7.3 U	7.3 U	7.3 U	0.2 U	NO	7.7 U	7.5 U	7.9 U	7.2 U	6.0 U	7.2 U
Arsenic	1.1 U	1.1 U	1.1 U	1.3	1.5 J	1.1 U	1.1 U	1.1 U	1.3 U	NO	4.4	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Barium	9.1	4.6	4.6	6.0	11.7	3.4	4.7	4.2	7.4	9.4	10.5	5.4	3.1	7.3	10.3	3.7
Beryllium	0.23 U	0.21 U	0.21 U	0.24 U	0.22 U	0.22 U	0.22 U	0.22 U	0.25 U	0.21 U	0.23 U	0.23 U	0.24 U	0.22 U	0.31	0.22 U
Cadmium	0.93 U	0.85 U	0.86 U	0.94 U	0.89 U	0.89 U	0.88 U	0.88 U	1.0 U	0.86 U	0.94 U	0.91 U	0.96 U	0.88 U	0.97 U	0.88 U
Calcium	337	170	272	342	340	122	175	440	439	3630	313	272	160	2660	1420	104
Chromium	4.6	2.4	2.3	5.7	0.4	3.9	5.7	2.2	5.1	4.9	12.3	2.6	3.5	4.4	10.9	1.4
Cobalt	1.4 U	1.3 U	1.3 U	1.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.5 U	1.3 U	1.4 U	1.4 U	1.4 U	1.3 U	1.5 U	1.3 U
Copper	15.0	3.3	3.5	3.1	2.9	1.5	2.6	5.9	14.0	13.0	1.6	3.3	10.1	3.7	2.4	1.3
Iron	2390	540	794	1300	3110	703	1300	811	934	2120	3060	736	831	1495	3700	924
Lead	35.9 J	24.6	6.5	3.7	7.5	1.7	1.6	5.9	2.0	26.1	3.4	4.7	1.7	5.7	4.3	2.3
Magnesium	70.5	45.3	42.5	57.2	124	69.9	122	49	337	150	539	49.3	93.6	100	742	43.7
Manganese	34.3	9.2	0.2	6.9	5.7	3.5	3.9	7.0	3.0	27.7	7.5	0.3	4.0	0.1	0.3	4.5
Mercury	0.12 U	1.1 U	0.10 U	1.1 U	0.10 U	0.10 U	0.10 U	0.11 U	0.12 U	0.1 U	0.12 U	0.10 U	0.12 U	0.10 U	0.12 U	0.11 U
Nickel	2.9	1.9 U	1.9 U	2.1 U	2.0	2.0 U	2.0 U	2.1	2.2 U	2.3	2.2	2.0 U	2.6	2.3	2.2 U	2.9 U
Potassium	200 U	227 U	220 U	251 U	236 U	236 U	236 U	236 U	267 U	NO	424	242 U	255 U	234 U	603	233 U
Selenium	NO	NO	NO	0.93 U	0.90 U	0.88 U	0.9 U	0.89 U	1 U	0.87 U	0.95 U	0.91 U	0.93 U	0.97 U	0.97 U	0.88 U
Silver	NO	NO	NO	1.2 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Sodium	141 U	132 U	133 U	124 U	120 U	140 U	152 U	147 U	171 U	160 U	160 U	150 U	175 U	165 U	190 U	161 U
Thallium	4.5 U	4.3 U	4.4 U	4.47 U	4.45 U	4.44 U	4.45 U	4.45 U	0.5 U	0.43 U	0.40 U	0.46 U	0.47 U	0.42 U	0.49 U	0.44 U
Vanadium	5.0	2.2	2.7	3.0	2.6	4.4	3.2	2.9	4.0	7.1	12.4	2.5	2.9	4.5	22.0	2.7
Zinc	53.1	10.5	15.5	5.0	6.3	2.7	4.3	0.5	3.0	41.1	9.4	7.0	4.9	24.2	9.4	4.7
Cyanide	0.50 U	0.53 U	0.53 U	0.59 U	0.56 U	0.56 U	0.56 U	0.57 U	0.43 U	0.55 U	0.59 U	0.50 U	0.41 U	0.55 U	0.42 U	0.55 U

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BAKER SAMPLE NO. SAMPLE HEIGHT DUPLICATE/ANALYTE CONCENTRATION UNITS	65R0100 Soil ng/KG	65R0111 Soil ng/KG	65R0200 Soil ng/KG	65R0206 Soil ng/KG	65R0300 Soil ng/KG	65R0311 Soil ng/KG	65R0312 Soil Duplicate ng/KG	65S0100 Soil ng/KG	65S0107 Soil ng/KG	65S0200 Soil ng/KG	65S0212 Soil ng/KG	65S0300 Soil ng/KG	65S0313 Soil ng/KG	65S0400 Soil ng/KG	65S0401 Soil ng/KG	65S0500 Soil ng/KG
Aluminum	3600 J	1300 J	1500 J	2100 J	7990 J	2030 J	3000 J	1800 J	3510 J	3490 J	7200 J	2020 J	1020 J	3400 J	10700 J	1030 J
Antimony	7.7 U	7.0 U	7.1 U	7.0 U	7.3 U	7.3 U	7.3 U	0.2 U	ND	7.7 U	7.5 U	7.9 U	7.2 U	8.9 U	7.2 U	7.2 U
Arsenic	1.1 U	1.1 U	1.6 U	1.3	1.5 J	1.1 U	1.1 U	1.1 U	1.3 U	ND	4.4	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Boron	9.1	4.6	4.0	4.0	11.7	3.4	4.7	4.2	7.6	9.6	10.5	3.4	3.1	7.3	10.3	3.7
Beryllium	0.23 U	0.21 U	0.21 U	0.24 U	0.22 U	0.22 U	0.22 U	0.22 U	0.25 U	0.21 U	0.23 U	0.23 U	0.24 U	0.22 U	0.21	0.22 U
Cadmium	0.93 U	0.95 U	0.84 U	0.94 U	0.89 U	0.89 U	0.88 U	0.88 U	1.0 U	0.84 U	0.94 U	0.91 U	0.96 U	0.88 U	0.97 U	0.88 U
Calcium	337	170	272	342	340	122	175	440	439	3030	313	272	160	2660	1420	104
Chromium	4.6	2.4	2.5	5.7	0.4	3.9	5.7	2.2	5.1	4.9	12.3	2.6	3.5	6.4	10.9	1.4
Cobalt	1.4 U	1.3 U	1.3 U	1.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.5 U	1.3 U	1.4 U	1.4 U	1.4 U	1.3 U	1.3 U	1.3 U
Copper	15.0	3.3	3.5	3.1	2.9	1.5	2.4	5.9	14.0	13.0	1.6	3.3	10.1	3.7	2.4	1.3
Iron	2390	540	794	1300	3110	703	1100	811	934	2120	3060	734	831	1492	3900	924
Lead	35.9 J	24.0	6.5	3.7	7.5	1.7	1.6	5.9	2.0	26.1	3.4	4.7	1.7	5.7	4.3	2.3
Magnesium	70.5	45.3	42.5	57.2	124	69.9	122	49	337	150	539	49.3	83.6	100	742	43.7
Manganese	34.3	9.2	0.2	6.9	5.7	3.5	3.9	7.0	3.0	27.7	7.5	0.3	4.0	9.1	0.3	4.5
Mercury	0.12 U	1.1 U	0.10 U	1.1 U	0.10 U	0.10 U	0.10 U	0.12 U	0.1 U	0.12 U	0.12 U	0.10 U	0.12 U	0.10 U	0.12 U	0.11 U
Nickel	2.9	1.9 U	1.9 U	2.1 U	2.0	2.0	2.0 U	2.1	2.2 U	2.3	2.2	2.0 U	2.6	2.3	2.2 U	2.0 U
Potassium	240 U	227 U	220 U	231 U	234 U	234 U	234 U	234 U	247 U	ND	424	242 U	255 U	234 U	903	233 U
Selenium	ND	ND	ND	0.93 U	0.90 U	0.88 U	0.9 U	0.89 U	1 U	0.87 U	0.95 U	0.91 U	0.95 U	0.87 U	0.97 U	0.88 U
Silver	ND	ND	ND	1.2 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Sodium	141 U	132 U	133 U	124 U	120 U	140 U	152 U	147 U	171 U	160 U	140 U	150 U	175 U	165 U	190 U	161 U
Thallium	4.5 U	4.3 U	0.44 U	0.47 U	0.45 U	0.44 U	0.45 U	0.45 U	0.5 U	0.43 U	0.40 U	0.46 U	0.47 U	0.42 U	0.49 U	0.44 U
Vanadium	5.0	2.2	2.7	3.0	9.6	4.4	5.2	2.9	4.0	7.1	12.4	2.5	2.9	4.5	22.0	2.7
Zinc	53.1	10.5	15.5	9.0	6.3	2.7	4.3	0.5	3.0	41.1	9.4	7.0	4.6	24.2	9.4	4.7
Cyanide	0.50 U	0.53 U	0.55 U	0.59 U	0.56 U	0.56 U	0.56 U	0.57 U	0.63 U	0.55 U	0.59 U	0.50 U	0.61 U	0.55 U	0.62 U	0.55 U

Engineer Area: Metals in Soil

Engineer Area:

Metals in Soil

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE TALS

BAKER SAMPLE NO.	6550607
SAMPLE MEDIUM	Soil
DUPLICATE/ANALYSE	
CONCENTRATION UNITS	
Aluminum	1309 J
Antimony	0.7 U
Arsenic	1.3 U
Barium	2.6
Beryllium	0.26 M
Cadmium	1.0 U
Calcium	26.6 D
Chromium	2.2
Cobalt	1.6 U
Copper	1.4
Iron	189
Lead	1.7
Magnesium	31.1
Manganese	1.4
Mercury	0.11 U
Nickel	2.4 M
Potassium	280 M
Selenium	1.0 M
Silver	1.3 U
Sodium	172 U
Thallium	0.52 U
Vanadium	1.1
Zinc	4.1
Cyanide	0.67 M

TABLE 3-2 SUMMARY OF TAL INORGANIC DATA ABOVE TALS

Metals in Sediment

BAKER SAMPLE NO.	655001	655002	655003
SAMPLE MEDIUM	Soil	Soil	Soil
DUPLICATE/ANALYSE			
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG
Aluminum	31600	431	1630
Antimony	11.2 D	9.3 M	12.5 U
Arsenic	4.2	1.4 U	1.0 M
Barium	83.3	4.5 D	10.0 D
Beryllium	0.60 D	0.20 D	0.30 U
Cadmium	1.3 M	1.1 M	1.5 D
Calcium	2320	856 D	553 D
Chromium	10.6	1.4 D	2.0 D
Cobalt	4.0 D	1.7 M	2.3 U
Copper	71.0	1.5 D	5.0 D
Iron	13000	199	568
Lead	19.0	5.0	6.8
Magnesium	1170 D	25.0 D	115 D
Manganese	66.9	0.3	6.3
Mercury	0.15 U	0.14 M	0.19 U
Nickel	13.7	2.0 D	3.0 D
Potassium	1200 D	300 D	403 U
Selenium	1.3 U	1.1 M	1.3 U
Silver	1.6 U	1.4 U	1.9 U
Sodium	201 D	106 D	203 D
Thallium	0.66 U	0.57 U	0.74 U
Vanadium	41.6	1.6 D	2.3 D
Zinc	150	3.4 D	6.1 D
Cyanide	0.83 M	0.72 M	0.94 M

TABLE 3-2 SUMMARY OF TAL IMPACT DATA ABOVE TOLs

Engineer Area: Metals in Surface Water

BAKER SAMPLE NO. SAMPLE MEDIUM DUPLICATE/RMSATE CONCENTRATION UNITS	65S001 Water ug/L	65S002 Water ug/L	65S003 Water ug/L
Aluminum	8010	519	504
Antimony	33 U	33 U	33 U
Arsenic	5 U	5 U	5 U
Barium	22.3 D	15.2 D	14.9 D
Beryllium	1 U	1 U	1 U
Cadmium	4 U	4 U	4 U
Calcium	5100	14000	9730
Chromium	0.5 D	4 U	4 U
Cobalt	4 U	4 U	4 U
Copper	21.6 D	5.0 D	11.9 D
Iron	2420	273	542
Lead	13.8	6.2	2.8 D
Magnesium	850 D	987 D	1350 D
Manganese	44.1	24.5	20.9
Mercury	0.2 U	0.2 U	0.2 U
Nickel	9 U	9 U	12.7 D
Potassium	1960 D	1079 U	1070 D
Selenium	4 U	4 U	4 U
Silver	3 U	5 U	5 U
Sodium	1450 D	2660 D	4690 D
Thallium	2 U	2 U	2 U
Vanadium	6.0 D	3 U	3 U
Zinc	67.2	35.6	39.7
Cyanide	10 U	10 U	10 U

Pesticides in Ground water

BAKER SAMPLE NO. SAMPLE MEDIUM DUPLICATE/RMSATE CONCENTRATION UNITS	65-R-01 Water Rmsate ug/L	65R0011 Water ug/L	65R0021 Water ug/L	65R0031 Water ug/L
4,4'-DDE	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDD	0.1 U	0.1 U	0.33	0.1 U
4,4'-DDT	0.1 U	0.1 U	0.1 U	0.1 U
Arochlor-1254	1 U	1 U	1 U	1 U

Engineer Area:

Pesticides in Sediment

BAKER SAMPLE NO.	655901	655902	655903
SAMPLE MEDIUM	Soil	Soil	Soil
DUPLICATE/INMSATE			
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG
4,4'-DDE	35	23 U	30 U
4,4'-DDD	75	75	75
4,4'-DDT	26 U	23 U	30 U
Arochlor-1254	260 U	230 U	300 U

Pesticides in Surface Water

BAKER SAMPLE NO.	655901	655902	655903
SAMPLE MEDIUM	Water	Water	Water
DUPLICATE/INMSATE			
CONCENTRATION UNITS	ug/L	ug/L	ug/L
4,4'-DDE	0.1 U	0.1 U	0.1 U
4,4'-DDD	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U	0.1 U
Arochlor-1254	1 U	1 U	1 U

Semi-Volatiles in Groundwater

BAKER SAMPLE NO.	65-R-01	65G001	65G002	65G003
SAMPLE MEDIUM	Water	Water	Water	Water
DUPLICATE/INMSATE	Blank			
CONCENTRATION UNITS	ug/L	ug/L	ug/L	ug/L
Phenol	ND	10 U	10 U	10 U
4-Methylphenol	ND	10 U	10 U	10 U
Benzoic Acid	ND	50 U	50 U	50 U
Phenanthrene	ND	10 U	10 U	10 U
Anthracene	ND	10 U	10 U	10 U
Di-n-butylphthalate	ND	10 U	10 U	10 U
Fluoranthene	ND	10 U	10 U	10 U
Pyrene	ND	10 U	10 U	10 U
Di(1-butyl)phthalate	ND	10 U	10 U	10 U
Benzo(a)anthracene	ND	10 U	10 U	10 U
Chrysene	ND	10 U	10 U	10 U
Di(2-Ethylhexyl)phthalate	2 J	10 U	10 U	10 U
Benzo(b)fluoranthene	ND	10 U	10 U	10 U
Benzo(k)fluoranthene	ND	10 U	10 U	10 U
Benzo(a)pyrene	ND	10 U	10 U	10 U

Engineer Area:

Pesticides in Soil

BAKER SAMPLE NO.	65HW0100	65HW0111	65HW0200	65HW0206	65HW0300	65HW0311	65HW0311D
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DUPLICATE/RIMSATE							Duplicate
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG
4,4'-DDE	72	17 U	18 U	19 U	18 U	18 U	18 U
4,4'-DDD	39	17 U	18 U	58	18 U	18 U	18 U
4,4'-DDT	18 U	17 U	18 U	19 U	18 U	18 U	18 U
Arochlor-1254	180 U	170 U	180 U	190 U	180 U	180 U	180 U

Pesticides in Soil (cont.)

BAKER SAMPLE NO.	65SB0100	65SB0107	65SB0200	65SB0212	65SB0300	65SB0313	65SB0400	65SB0405	65SB0500	65SB0507
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
DUPLICATE/RIMSATE										
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG
4,4'-DDE	18 U	20 U	41	19 U	18 U	20 U	35	16 U	18 U	21 U
4,4'-DDD	18 U	20 U	17 U	19 U	18 U	20 U	18 U	16 U	18 U	21 U
4,4'-DDT	18 U	20 U	47	19 U	18 U	20 U	18	16 U	18 U	21 U
Arochlor-1254	180 U	200 U	170 U	230	180 U	200 U	180 U	160 U	180 U	210 U

Semi-Volatiles in Soil

BAKER SAMPLE NO.	65HW0100	65HW0111	65HW0200	65HW0206	65HW0300	65HW0311	65HW0311D
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil	Soil	Soil
RIMSATE/DUPLICATE							Duplicate
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG
Phenol	380 U	340 U	360 U	390 U	370 U	370 U	370 U
4-Methylphenol	380 U	340 U	360 U	390 U	370 U	370 U	370 U
Benzoic Acid	58 J	1700 U	NA???	NA???	NA???	NA	NA
Phenanthrene	380 U	340 U	360 U	390 U	370 U	370 U	370 U
Anthracene	380 U	340 U	360 U	390 U	370 U	370 U	370 U
Di-n-butylphthalate	380 U	340 U	130 BJ	150 BJ	180 BJ	150 BJ	110 BJ
Fluoranthene	42 J	340 U	360 U	390 U	53 J	370 U	370 U
Pyrene	380 U	340 U	360 U	390 U	53 J	370 U	370 U
Butylbenzylphalate	380 U	340 U	360 U	390 U	95 J	370 U	370 U
Benzo(a)anthracene	380 U	340 U	360 U	390 U	42 J	370 U	370 U
Chrysene	380 U	340 U	360 U	390 U	370 U	370 U	370 U
bis(2-Ethylhexyl)phthalate	75 J	56 JB	59 BJ	61 BJ	5900 B	40 BJ	49 BJ
Benzo(b)fluoranthene	49 JX	340 U	360 U	390 U	370 U	370 U	370 U
Benzo(k)fluoranthene	49 JX	340 U	360 U	390 U	370 U	370 U	370 U
Benzo(a)pyrene	380 U	340 U	360 U	390 U	370 U	370 U	370 U

Engineer Area:

Semivolatiles in Sediment

BAKER SAMPLE NO.	655001	655002	655003
SAMPLE MEDIUM	Soil	Soil	Soil
ANALYSIS/REPLICATE			
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG
Phenol	540 U	470 U	76 J
4-Methylphenol	55 J	930 U	450 J
Benzoic Acid	2600 UJ	890 J	1100 J
Phenanthrene	540 U	470 U	600 U
Anthracene	540 U	470 U	600 U
Di-n-butylphthalate	540 U	56 J	400 U
Fluoranthene	540 U	470 U	600 U
Pyrene	540 U	470 U	600 U
Dibutylphthalate	540 U	470 U	600 U
Benzo(a)anthracene	540 U	470 U	600 U
Chrysene	540 U	470 U	600 U
bis(2-Ethylhexyl)phthalate	82 J	170 J	190 J
Benzo(b)fluoranthene	540 U	470 U	600 U
Benzo(k)fluoranthene	540 U	470 U	600 U
Benzo(a)pyrene	540 U	470 U	600 U

Semivolatiles in Surface Water

BAKER SAMPLE NO.	655001	655002	655003
SAMPLE MEDIUM	Water	Water	Water
ANALYSIS/REPLICATE			
CONCENTRATION UNITS	ug/L	ug/L	ug/L
Phenol	10 U	10 U	10 U
4-Methylphenol	10 U	10 U	10 U
Benzoic Acid	50 U	50 U	50 U
Phenanthrene	10 U	10 U	10 U
Anthracene	10 U	10 U	10 U
Di-n-butylphthalate	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U
Pyrene	10 U	10 U	10 U
Dibutylphthalate	10 U	10 U	10 U
Benzo(a)anthracene	10 U	10 U	10 U
Chrysene	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10 U	10 U	10 U

Engineer Area: Semi-Volatiles in Soil (cont.)

BAKER SAMPLE NO. SAMPLE MEDIUM RINSE/DUPLICATE CONCENTRATION UNITS	65SB0100 Soil ug/KG	65SB0107 Soil ug/KG	65SB0200 Soil ug/KG	65SB0212 Soil ug/KG	65SB0300 Soil ug/KG	65SB0313 Soil ug/KG	65SB0400 Soil ug/KG	65SB0500 Soil ug/KG	65SB0500 Soil ug/KG	65SB0507 Soil ug/KG
Phenol	370 U	420 U	360 U	390 U	380 U	400 U	360 U	410 U	360 U	440 U
4-Methylphenol	370 U	420 U	360 U	390 U	380 U	400 U	360 U	410 U	360 U	440 U
Benzoic Acid	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	370 U	420 U	43 J	390 U	380 U	400 U	360 U	410 U	360 U	440 U
Anthracene	370 U	420 U	360 U	390 U	380 U	400 U	360 U	410 U	360 U	440 U
Di-n-butylphthalate	180 BJ	140 BJ	190 BJ	190 BJ	170 BJ	180 BJ	160 BJ	170 BJ	230 BJ	150 BJ
Fluoranthene	370 U	420 U	120 J	390 U	380 U	400 U	360 U	410 U	360 U	440 U
Pyrene	370 U	420 U	98 J	390 U	380 U	400 U	360 U	410 U	360 U	440 U
Butylbenzylphalate	370 U	420 U	360 U	390 U	380 U	400 U	360 U	410 U	360 U	440 U
Benzo(a)anthracene	370 U	420 U	65 J	390 U	380 U	400 U	360 U	410 U	360 U	440 U
Chrysene	370 U	420 U	60 J	390 U	380 U	400 U	360 U	410 U	360 U	440 U
bis(2-Ethylhexyl)phthalate	370 U	420 U	360 U	390 U	380 U	400 U	360 U	410 U	360 U	180 BJ
Benzo(b)fluoranthene	370 U	420 U	130 JI	390 U	380 U	400 U	360 U	410 U	360 U	440 U
Benzo(k)fluoranthene	370 U	420 U	130 JI	390 U	380 U	400 U	360 U	410 U	360 U	440 U
Benzo(a)pyrene	370 U	420 U	54 J	390 U	380 U	400 U	360 U	410 U	360 U	440 U

Semi-Volatiles in Surface Water

BAKER SAMPLE NO. SAMPLE MEDIUM RINSE/DUPLICATE CONCENTRATION UNITS	65SW01 Water ug/L	65SW02 Water ug/L	65SW03 Water ug/L
Phenol	10 U	10 U	10 U
4-Methylphenol	10 U	10 U	10 U
Benzoic Acid	50 U	50 U	50 U
Phenanthrene	10 U	10 U	10 U
Anthracene	10 U	10 U	10 U
Di-n-butylphthalate	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U
Pyrene	10 U	10 U	10 U
Butylbenzylphalate	10 U	10 U	10 U
Benzo(a)anthracene	10 U	10 U	10 U
Chrysene	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	12	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U	10 U
Benzo(k)fluoranthene	10 U	10 U	10 U
Benzo(a)pyrene	10 U	10 U	10 U

Engineer Area:

Volatiles in Groundwater

BAKER SAMPLE NO.	458001	4580011	4580021	4580031
SAMPLE MEDIUM	Water	Water	Water	Water
BLANK/DUPLICATE/RINSE	Rinse			
CONCENTRATION UNITS	ug/L	ug/L	ug/L	ug/L
Methylene Chloride	5 U D	5 U D	5 U D	5 U D
Acetone	10 U D	10 U D	10 U D	10 U D
Carbon Disulfide	5 U U	5 U U	5 U U	5 U U
Chloroform	5 U U	5 U U	5 U U	5 U U

Volatiles in Soil

BAKER SAMPLE NO.	45800100	45800111	45800200	45800204	45800300	45800311	45800311D	45800300	45800107	45800200	45800212	45800300	45800313	45800400	45800403
SAMPLE MEDIUM	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
BLANK/DUPLICATE/RINSE							Duplicate								
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG	ug/KG
Methylene Chloride	17 D	20 D	16 D	10 D	16 D	16 D	14 D	21 D	24 D	21 D	30 D	23 D	26 D	25 D	23 D
Acetone	12 U	43 D	14	22	13	15	14	49 D	20 D	8 D	31 D	20 D	23 D	17 D	14 D
Carbon Disulfide	6 U	5 U	5 U	4 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
Chloroform	6 U	5 U	5 U	4 U	6 U	6 U	6 U	6 U	6 U	5 U	1 D	6 U	6 U	6 U	6 U

Engineer Area:

Volatiles in Soil (cont.)

BAKER SAMPLE NO.	6550500	6550507
SAMPLE MEDIUM	Soil	Soil
BLANK/DUPLICATE/RIMSATE		
CONCENTRATION UNITS	ug/KG	ug/KG
Methylene Chloride	20 U	15 U
Acetone	13 U	16
Carbon Disulfide	6 U	7 U
Chloroform	6 U	7 U

Volatiles in Sediment

BAKER SAMPLE NO.	655001	655002	655003
SAMPLE MEDIUM	Soil	Soil	Soil
BLANK/DUPLICATE/RIMSATE			
CONCENTRATION UNITS	ug/KG	ug/KG	ug/KG
Methylene Chloride	43 U	83 U	63 U
Acetone	150 U	110 U	29 U
Carbon Disulfide	8 U	2 U	10 U
Chloroform	8 U	7 U	9 U

Volatiles in Surface Water

BAKER SAMPLE NO.	655001	655002	655003
SAMPLE MEDIUM	Water	Water	Water
BLANK/DUPLICATE/RIMSATE			
CONCENTRATION UNITS	ug/L	ug/L	ug/L
Methylene Chloride	2 DU	2 DU	12 U
Acetone	10 U	10 U U	9 U
Carbon Disulfide	5 U U	5 U U	1 U
Chloroform	5 U U	5 U U	5 U