03.12-01/19/95-01501

[redacted]

REMEDIAL INVESTIGATION REPORT
OPERABLE UNIT NO. 7
(SITES 1, 28, AND 30)

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

CONTRACT TASK ORDER 0231

JANUARY 19, 1995

Prepared For:

DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES
ENGINEERING COMMAND
Norfolk, Virginia

Under:

LANTDIV CLEAN Program
Contract N62470-89-D-4814

Prepared by:

BAKER ENVIRONMENTAL, INC.
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SAMPLING SUMMARY

SITE 1

SOILS

OU # 7, SITE 1
SOILS
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			Analysis Requested									Analysis Received											
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	DATE REC'D	TURNAROUND TIME	COMMENTS
4/7/94	1-BB-SB38-00	1-BB-SB38-00	x	x	x	x						x	x	x	x						5/6/94	29	
4/7/94	1-BB-SB38-00	1-BB-SB38-05	x	x	x	x						x	x	x	x						5/6/94	29	
4/6/94	1-N-SB32-01	1-BB-SB39-00	x	x	x	x						x	x	x	x						5/12/94	36	
4/6/94	1-N-SB32-01	1-BB-SB39-04	x	x	x	x						x	x	x	x						5/12/94	36	
4/6/94	1-N-SB32-01	1-BB-SB39-06	x	x	x	x						x	x	x	x						5/12/94	36	
4/12/94	1-GW08-00	1-GW-16-00	x	x	x	x			x			x	x	x	x			x			5/18/94	36	MS/MSD
4/12/94	1-GW08-00	1-GW-16-00D	x	x	x	x			x			x	x	x	x			x			5/18/94	36	
4/12/94	1-GW08-00	1-GW-16-04	x	x	x	x			x			x	x	x	x			x			5/18/94	36	
4/12/94	1-GW08-00	1-GW-16-06	x	x	x	x			x			x	x	x	x			x			5/18/94	36	
4/19/94	1-GW17-00	1-GW-17-00	x	x	x	x			x			x	x	x	x			x			5/25/94	36	fingerprint; MS/MSD
4/19/94	1-GW17-00	1-GW-17-00D	x	x	x	x			x			x	x	x	x			x			5/25/94	36	fingerprint
4/19/94	1-GW17-00	1-GW-17-05	x	x	x	x			x			x	x	x	x			x			5/25/94	36	fingerprint
4/19/94	1-GW17-00	1-GW-17-05D	x	x	x	x			x			x	x	x	x			x			5/25/94	36	fingerprint
4/12/94	1-SIER-07	1-GW07-00	x	x	x	x			x			x	x	x	x			x			5/20/94	38	fingerprint
4/12/94	1-SIER-07	1-GW07-03	x	x	x	x			x			x	x	x	x			x			5/20/94	38	fingerprint
4/12/94	1-SIER-07	1-GW07-06	x	x	x	x			x			x	x	x	x			x			5/20/94	38	fingerprint
4/12/94	1-GW08-00	1-GW08-00	x	x	x	x			x			x	x	x	x			x			5/20/94	38	
4/12/94	1-GW08-00	1-GW08-03	x	x	x	x			x			x	x	x	x			x			5/20/94	38	
4/12/94	1-GW08-00	1-GW08-06	x	x	x	x			x			x	x	x	x			x			5/20/94	38	
4/11/94	28-GW06-00	1-GW09-00	x	x	x	x			x			x	x	x	x			x			5/20/94	39	
4/11/94	28-GW06-00	1-GW09-03	x	x	x	x			x			x	x	x	x			x			5/20/94	39	
4/12/94	1-SIER-07	1-GW10-00	x	x	x	x			x			x	x	x	x			x			5/20/94	38	fingerprint
4/12/94	1-SIER-07	1-GW10-03	x	x	x	x			x			x	x	x	x			x			5/20/94	38	fingerprint
4/12/94	1-SIER-07	1-GW10-06	x	x	x	x			x			x	x	x	x			x			5/20/94	38	fingerprint
4/11/94	28-GW06-00	1-GW11-00	x	x	x	x			x			x	x	x	x			x			5/20/94	39	
4/11/94	28-GW06-00	1-GW11-01	x	x	x	x			x			x	x	x	x			x			5/20/94	39	
4/11/94	28-GW06-00	1-GW12-00	x	x	x	x			x			x	x	x	x			x			5/20/94	39	
4/11/94	28-GW06-00	1-GW12-02	x	x	x	x			x			x	x	x	x			x			5/20/94	39	
4/11/94	28-GW06-00	1-GW13-00	x	x	x	x			x			x	x	x	x			x			5/20/94	39	

OU # 7, SITE 1
SOILS
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			Analysis Requested									Analysis Received										
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	DATE REC'D	TURNAROUND TIME	COMMENTS
4/11/94	28-GW06-00	1-GW13-04	x	x	x	x			x			x	x	x	x			x			5/20/94	39	
4/11/94	28-GW06-00	1-GW13-08	x	x	x	x			x			x	x	x	x			x			5/20/94	39	
5/3/94	1-GW16DW-00	1-GW16DW-00	x	x	x	x			x			x	x	x	x			x			6/2/94	29	fingerprint
5/3/94	1-GW16DW-00	1-GW16DW-04	x	x	x	x			x			x	x	x	x			x			6/2/94	29	fingerprint
5/3/94	1-GW16DW-00	1-GW16DW-07	x	x	x	x			x			x	x	x	x			x			6/2/94	29	fingerprint
4/19/94	1-GW17-00	1-S-SB40								x	x								x	x	5/25/94	36	grain size, Atterberg Limits
4/6/94		1-SIER -04	x	x	x	x			x													##	HOLD
3/29/94	1-SDER-01	1-SIER-01	x	x	x	x			x			x	x	x	x			x			4/30/94	31	
3/30/94	1-S-SB17-06	1-SIER-02	x	x	x	x			x			x	x	x	x			x			4/30/94	30	HOLD; Fingerprint
4/5/94	1-N-SB32-01	1-SIER-03	x	x	x	x			x			x	x	x	x			x			5/12/94	37	
4/11/94	28-GW06-00	1-SIER-06	x	x	x	x			x			x	x	x	x			x			5/13/94	32	
4/11/94		1-SIER-07	x	x	x	x			x													##	HOLD
4/12/94	1-SIER-07	1-SIER-08	x	x	x	x			x			x	x	x	x			x			5/20/94	38	fingerprint
4/19/94		1-SIER-09	x	x	x	x																##	HOLD
3/29/94	1-SDER-01	1-TB-03	x									x									4/30/94	31	
3/30/94	1-S-SB01-01	1-TB-04	x									x									5/3/94	33	
3/30/94	1-S-SB01-01	1-TB-05	x									x									4/30/94	30	
3/30/94	1-S-SB17-06	1-TB-06	x									x	x	x							4/30/94	30	Analyzed for BNA & P/PCB-not requested
4/5/94	1-N-SB32-01	1-TB-07	x									x									5/12/94	37	
4/5/94	1-S-SB18-01	1-TB-08	x									x									5/18/94	43	HOLD
4/6/94	1-S-SB18-01	1-TB-09	x									x									5/18/94	42	
4/11/94	1-SIER-07	1-TB-10	x									x									5/20/94	39	
4/12/94	1-SIER-07	1-TB-12	x									x									5/20/94	38	
4/12/94	1-GW08-00	1-TB-13	x									x									5/20/94	38	
4/19/94	1-GW17-00	1-TB-14	x									x									5/25/94	36	
5/3/94	1-GW16DW-00	1-TB-17	x									x									6/2/94	29	
3/29/94	1-SDER-01	1N-SB19-00	x	x	x	x			x			x	x	x	x			x			4/30/94	31	Fingerprint
3/29/94	1-N-SB19-04	1N-SB19-04	x	x	x	x			x			x	x	x	x			x			4/18/94	19	QT
3/30/94	1-N-SB20-00	1N-SB20-00	x	x	x	x			x			x	x	x	x			x			5/3/94	33	

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DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	DATE REC'D	TURNAROUND TIME	COMMENTS
3/30/94	1-N-SB20-00	1N-SB20-05	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
3/30/94	1-N-SB20-00	1N-SB21-01	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
3/30/94	1-N-SB20-00	1N-SB21-04	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
3/30/94	1-N-SB20-00	1N-SB21-07	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
4/5/94	1-N-SB32-01	1N-SB22-01	x	x	x	x			x			x	x	x	x			x			5/12/94	37	
4/5/94	1-N-SB32-01	1N-SB22-01D	x	x	x	x			x			x	x	x	x			x			5/12/94	37	
4/5/94	1-N-SB22-06	1N-SB22-06	x	x	x	x			x			x	x	x	x			x			4/25/94	20	QT
4/5/94	1-N-SB22-06	1N-SB22-06D	x	x	x	x			x			x	x	x	x			x			4/25/94	20	QT
4/5/94	1-N-SB22-06	1N-SB22-08	x	x	x	x			x			x	x	x	x			x			4/25/94	20	QT
4/5/94	1-N-SB32-01	1N-SB23-01	x	x	x	x			x			x	x	x	x			x			5/12/94	37	
4/5/94	1-N-SB32-01	1N-SB23-05	x	x	x	x			x			x	x	x	x			x			5/12/94	37	
4/5/94	1-N-SB32-01	1N-SB23-08	x	x	x	x			x			x	x	x	x			x			5/12/94	37	
3/30/94	1-N-SB20-00	1N-SB24-01	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
3/30/94	1-N-SB20-00	1N-SB24-04	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
3/30/94	1-N-SB20-00	1N-SB24-07	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
3/30/94	1-N-SB20-00	1N-SB25-01	x	x	x	x			x			x	x	x	x			x			5/3/94	33	QT
3/30/94	1-N-SB25-06	1N-SB25-06	x	x	x	x			x			x	x	x	x			x			4/18/94	18	QT
3/30/94	1-N-SB20-00	1N-SB26-01	x	x	x	x			x			x	x	x	x			x			5/3/94	33	MS/MSD
3/30/94	1-N-SB20-00	1N-SB26-01D	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
3/30/94	1-N-SB20-00	1N-SB26-04	x	x	x	x			x			x	x	x	x			x			5/3/94	33	MS/MSD
3/30/94	1-N-SB20-00	1N-SB26-04D	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
3/30/94	1-N-SB20-00	1N-SB27-01	x	x	x	x			x			x	x	x	x			x			5/3/94	33	QT
3/30/94	1-N-SB25-06	1N-SB27-05	x	x	x	x			x			x	x	x	x			x			4/18/94	18	QT
3/30/93	1-N-SB20-00	1N-SB28-01	x	x	x	x			x			x	x	x	x			x			5/3/94	##	
3/30/93	1-N-SB20-00	1N-SB28-04	x	x	x	x			x			x	x	x	x			x			5/3/94	##	
3/29/94	1-SDER-01	1N-SB29-00	x	x	x	x			x			x	x	x	x			x			4/30/94	31	Fingerprint
3/29/94	1-N-SB19-04	1N-SB29-02	x	x	x	x			x			x	x	x	x			x			4/18/94	19	QT
3/29/94	1-SDER-01	1N-SB30-00	x	x	x	x			x			x	x	x	x			x			4/30/94	31	Fingerprint

OU # 7, SITE 1
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DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	DATE REC'D	TURNAROUND TIME	COMMENTS
3/29/94	1-N-SB19-04	1N-SB30-03	x	x	x	x			x			x	x	x	x			x			4/30/94	31	QT
3/30/94	1-N-SB20-00	1N-SB31-01	x	x	x	x			x			x	x	x	x			x			5/3/94	33	QT
3/30/94	1-N-SB25-06	1N-SB31-04	x	x	x	x			x			x	x	x	x			x			4/18/94	18	QT
4/5/94	1-N-SB32-01	1N-SB32-01	x	x	x	x			x			x	x	x	x			x			5/12/94	37	
4/5/94	1-N-SB32-04	1N-SB32-04	x	x	x	x			x			x	x	x	x			x			5/3/94	28	QT
4/5/94	1-N-SB32-04	1N-SB32-07	x	x	x	x			x			x	x	x	x			x			5/3/94	28	QT
4/19/94	1-GW17-00	1N-SB33-01	x	x	x	x						x	x	x	x						5/25/94	36	QT
4/19/94	1-GW17-00	1N-SB33-04	x	x	x	x						x	x	x	x						5/25/94	36	
4/19/94	1-GW17-00	1N-SB33-07	x	x	x	x						x	x	x	x						5/25/94	36	
3/30/94	1-N-SB20-00	1N-SB34-01	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
3/30/94	1-N-SB20-00	1N-SB34-03	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
3/30/94	1-N-SB20-00	1N-SB34-07	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
3/30/94	1-N-SB05-01	1N-SB35-01	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
3/30/94	1-N-SB05-01	1N-SB35-06	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
2/29/1994	1-SDER-01	1N-SB36-01	x	x	x	x			x			x	x	x	x			x			4/30/94	##	Fingerprint
2/29/1994	1-N-SB19-04	1N-SB36-06	x	x	x	x			x			x	x	x	x			x			4/18/94	##	QT
3/30/94	1-N-SB05-01	1N-SB37-01	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
3/30/94	1-N-SB05-01	1N-SB37-02	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
3/30/94	1-S-SB01-01	1S-SB01-01	x	x	x	x			x			x	x	x	x			x			5/3/94	33	Fingerprint
3/30/94	1-N-SB25-06	1S-SB01-04	x	x	x	x			x			x	x	x	x			x			4/18/94	18	QT
3/30/94	1-N-SB25-06	1S-SB01-08	x	x	x	x			x			x	x	x	x			x			4/18/94	18	QT
4/6/94	1-N-SB32-01	1S-SB02-01	x	x	x	x			x			x	x	x	x			x			5/12/94	36	
4/6/94	1-N-SB32-01	1S-SB02-04	x	x	x	x			x			x	x	x	x			x			5/12/94	36	
4/6/94	1-N-SB32-01	1S-SB02-07	x	x	x	x			x			x	x	x	x			x			5/12/94	36	
3/30/94	1-SDER-01	1S-SB03-01	x	x	x	x			x			x	x	x	x			x			4/30/94	30	Fingerprint
3/30/94	1-N-SB25-06	1S-SB03-03	x	x	x	x			x			x	x	x	x			x			4/18/94	18	QT
3/30/94	1-N-SB25-06	1S-SB03-06	x	x	x	x			x			x	x	x	x			x			4/18/94	18	QT
4/6/94	1-N-SB32-01	1S-SB04-01	x	x	x	x			x			x	x	x	x			x			5/12/94	36	

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SOILS
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DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	DATE REC'D	TURNAROUND TIME	COMMENTS
4/6/94	1-N-SB32-01	1S-SB04-04	x	x	x	x			x			x	x	x	x			x			5/12/94	36	
4/6/94	1-S-SB04-06	1S-SB04-06	x	x	x	x			x			x	x	x	x			x			5/18/94	42	
3/30/94	1-SDER-01	1S-SB05-01	x	x	x	x			x			x	x	x	x			x			4/30/94	30	Fingerprint
3/30/94	1-N-SB25-06	1S-SB05-04	x	x	x	x			x			x	x	x	x			x			4/18/94	18	QT
3/30/94	1-N-SB25-06	1S-SB05-08	x	x	x	x			x			x	x	x	x			x			4/18/94	18	QT
4/5/94	1-N-SB32-01	1S-SB06-01	x	x	x	x			x			x	x	x	x			x			5/12/94	37	
4/5/94	1-N-SB32-04	1S-SB06-04	x	x	x	x			x			x	x	x	x			x			5/3/94	28	QT
4/5/94	1-N-SB32-04	1S-SB06-08	x	x	x	x			x			x	x	x	x			x			5/3/94	28	QT
3/30/94	1-SDER-01	1S-SB07-01	x	x	x	x			x			x	x	x	x			x			4/30/94	30	Fingerprint
3/30/94	1-N-SB25-06	1S-SB07-04	x	x	x	x			x			x	x	x	x			x			4/18/94	18	QT
3/30/94	1-N-SB25-06	1S-SB07-07	x	x	x	x			x			x	x	x	x			x			4/18/94	18	QT
4/5/94	1-S-SB04-06	1S-SB08-01	x	x	x	x			x			x	x	x	x			x			5/18/94	43	MS/MSD
4/5/94	1-S-SB04-06	1S-SB08-01D	x	x	x	x			x			x	x	x	x			x			5/18/94	43	
4/5/94	1-S-SB04-06	1S-SB08-04	x	x	x	x			x			x	x	x	x			x			5/18/94	43	
4/5/94	1-S-SB04-06	1S-SB08-07	x	x	x	x			x			x	x	x	x			x			5/18/94	43	MS/MSD
4/5/94	1-S-SB04-06	1S-SB08-07D	x	x	x	x			x			x	x	x	x			x			5/18/94	43	
4/5/94	1-S-SB04-06	1S-SB09-01	x	x	x	x			x			x	x	x	x			x			5/18/94	43	
4/5/94	1-S-SB04-06	1S-SB09-04	x	x	x	x			x			x	x	x	x			x			5/18/94	43	
4/5/94	1-S-SB04-06	1S-SB09-07	x	x	x	x			x			x	x	x	x			x			5/18/94	43	
3/30/94	1-S-SB01-01	1S-SB10-01	x	x	x	x			x			x	x	x	x			x			5/3/94	33	Fingerprint
3/30/94	1-N-SB25-06	1S-SB10-04	x	x	x	x			x			x	x	x	x			x			4/18/94	18	QT
3/30/94	1-N-SB25-06	1S-SB10-08	x	x	x	x			x			x	x	x	x			x			4/18/94	18	QT
3/30/94	1-SDER-01	1S-SB11-01	x	x	x	x			x			x	x	x	x			x			4/30/94	30	Fingerprint
3/30/94	1-N-SB25-06	1S-SB11-03	x	x	x	x			x			x	x	x	x			x			4/18/94	18	QT
3/30/94	1-N-SB25-06	1S-SB11-06	x	x	x	x			x			x	x	x	x			x			4/18/94	18	QT
4/6/94	1-S-SB04-06	1S-SB12-01	x	x	x	x			x			x	x	x	x			x			5/18/94	42	
4/6/94	1-S-SB04-06	1S-SB12-04	x	x	x	x			x			x	x	x	x			x			5/18/94	42	
4/6/94	1-S-SB04-06	1S-SB12-07	x	x	x	x			x			x	x	x	x			x			5/18/94	42	

OU # 7, SITE 1
SOILS
CTO-19231

			Analysis Requested									Analysis Received											
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	DATE REC'D	TURNAROUND TIME	COMMENTS
4/6/94	1-S-SB04-06	1S-SB13-01	x	x	x	x			x			x	x	x	x			x			5/18/94	42	
4/6/94	1-S-SB04-06	1S-SB13-04	x	x	x	x			x			x	x	x	x			x			5/18/94	42	
4/6/94	1-S-SB04-06	1S-SB13-07	x	x	x	x			x			x	x	x	x			x			5/18/94	42	
4/6/94	1-S-SB04-06	1S-SB14-01	x	x	x	x			x			x	x	x	x			x			5/18/94	42	
4/6/94	1-S-SB04-06	1S-SB14-01D	x	x	x	x			x			x	x	x	x			x			5/18/94	42	
4/6/94	1-S-SB04-06	1S-SB14-03	x	x	x	x			x			x	x	x	x			x			5/18/94	42	
4/6/94	1-S-SB04-06	1S-SB14-06	x	x	x	x			x			x	x	x	x			x			5/18/94	42	
4/6/94	1-S-SB04-06	1S-SB14-06D	x	x	x	x			x			x	x	x	x			x			5/18/94	42	
4/5/94	1-N-SB32-01	1S-SB15-01	x	x	x	x			x			x	x	x	x			x			5/12/94	37	
4/5/94	1-N-SB32-04	1S-SB15-04	x	x	x	x			x			x	x	x	x			x			5/3/94	28	QT
4/5/94	1-N-SB32-04	1S-SB15-06	x	x	x	x			x			x	x	x	x			x			5/3/94	28	QT
4/5/94	1-N-SB32-01	1S-SB16-01	x	x	x	x			x			x	x	x	x			x			5/12/94	37	
4/5/94	1-N-SB32-04	1S-SB16-04	x	x	x	x			x			x	x	x	x			x			5/3/94	28	QT
4/5/94	1-N-SB32-04	1S-SB16-07	x	x	x	x			x			x	x	x	x			x			5/3/94	28	QT
3/30/94	1-SDER-01	1S-SB17-01	x	x	x	x			x			x	x	x	x			x			4/30/94	30	Fingerprint
3/30/94	1-SDER-01	1S-SB17-03	x	x	x	x			x			x	x	x	x			x			4/30/94	30	Fingerprint
3/30/94	1-S-SB17-06	1S-SB17-06	x	x	x	x			x			x	x	x	x			x			4/30/94	30	Fingerprint
4/7/94	1-S-SB18-01	1S-SB18-01	x	x	x	x			x			x	x	x	x			x			4/30/94	23	
4/7/94	1-S-SB18-01	1S-SB18-04	x	x	x	x			x			x	x	x	x			x			5/18/94	41	
4/7/94	1-S-SB18-01	1S-SB18-07	x	x	x	x			x			x	x	x	x			x			5/18/94	41	
																						0	
																						0	
COUNT			161	149	149	149	0	0	140	1	1	158	147	147	146	0	0	138	1	1			

OU # 7, SITE 1
GROUNDWATER
CTO-19231

			Analysis Requested													Analysis Received														
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	RCRA	TCLP	ORDNANCE	ENG PARAMETERS	TKN, COD	BOD, TSS, TDS, CL, F, ALK.	TPH	601/602	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	RCRA	TCLP	ORDANANCE	ENG PARAMETERS	TKN, COD	BOD, TSS, TDS, CL, F, ALK.	TPH	601/602	DATE REC'D	TURNAROUND TIME	COMMENTS
4/23/94	28-GW06-01	1-GW01-01		x		x									x		x		x									x	5/25/94	32	
4/23/94	28-GW06-01	1-GW01D-01					x													x									5/25/94	32	
4/23/94	28-GW06-01	1-GW02-01		x		x									x		x		x									x	5/25/94	32	
4/23/94	28-GW06-01	1-GW02D-01					x													x									5/25/94	32	
4/23/94	30-GW02-01	1-GW03-01													x													x	5/26/94	33	
4/25/94	1-GWER-02	1-GW03-01		x		x											x		x										6/1/94	36	
4/25/94	1-GWER-02	1-GW03D-01					x													x									6/1/94	36	
4/25/94	1-GWER-02	1-GW04-01		x	x	x									x		x	x	x									x	6/1/94	36	MS/MSD
4/25/94	1-GWER-02	1-GW04-01D		x	x	x									x		x	x	x									x	6/1/94	36	
4/25/94	1-GWER-02	1-GW04D-01					x													x									6/1/94	36	MS/MSD
4/25/94	1-GWER-02	1-GW04D-01D					x													x									6/1/94	36	
4/23/94	30-GW02-01	1-GW06-01		x		x									x		x		x									x	5/26/94	33	
4/23/94	30-GW02-01	1-GW06D-01					x													x									5/26/94	33	
4/25/94	1-GWER-02	1-GW07-01		x		x									x		x		x									x	6/1/94	36	
4/25/94	1-GWER-02	1-GW07D-01					x													x									6/1/94	36	
4/25/94	1-GWER-02	1-GW08-01		x		x									x		x		x									x	6/1/94	36	
4/25/94	1-GWER-02	1-GW08D-01					x													x									6/1/94	36	
4/25/94	1-GWER-02	1-GW09-01		x		x									x		x		x									x	6/1/94	36	
4/25/94	1-GWER-02	1-GW09D-01					x													x									6/1/94	36	
4/25/94	1-GWER-02	1-GW10-01		x		x									x		x		x									x	6/1/94	36	
4/25/94	1-GWER-02	1-GW10D-01					x													x									6/1/94	36	
4/25/94	1-GWER-02	1-GW11-01		x	x	x									x		x	x	x									x	6/1/94	36	
4/25/94	1-GWER-02	1-GW11D-01					x													x									6/1/94	36	
4/25/94	1-GWER-02	1-GW12-01		x		x									x		x		x									x	6/1/94	36	
4/25/94	1-GWER-02	1-GW12D-01					x													x									6/1/94	36	
4/23/94	30-GW02-01	1-GW13-01													x													x	5/26/94	33	

OU # 7, SITE 1
GROUNDWATER
CTO-19231

			Analysis Requested													Analysis Received															
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	RCRA	TCLP	ORDNANCE	ENG PARAMETERS	TKN, COD	BOD, TSS, TDS, Cl, F, ALK.	TPH	601/602	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	RCRA	TCLP	ORDANANCE	ENG PARAMETERS	TKN, COD	BOD, TSS, TDS, Cl, F, ALK.	TPH	601/602	DATE REC'D	TURNAROUND TIME	COMMENTS
4/23/94	30-GW02-01	1-GW13-01		x		x											x		x										5/26/94	33	
4/23/94	30-GW02-01	1-GW13D-01					x													x									5/26/94	33	
4/25/94	1-GW14-01	1-GW14-01		x		x									x		x		x									x	6/1/94	36	
4/25/94	1-GW14-01	1-GW14D-01					x													x									6/1/94	36	
4/23/94	30-GW02-01	1-GW15-01													x													x	5/26/94	33	
4/23/94	30-GW02-01	1-GW15-01		x		x											x		x										5/26/94	33	
4/23/94	30-GW02-01	1-GW15-01D													x													x	5/26/94	33	
4/23/94	30-GW02-01	1-GW15-01D		x		x											x		x										5/26/94	33	
4/23/94	30-GW02-01	1-GW15D-01					x													x									5/26/94	33	
4/23/94	30-GW02-01	1-GW15D-01D					x													x									5/26/94	33	
4/25/94	1-GW14-01	1-GW16-01		x	x	x									x		x	x	x									x	6/1/94	36	
4/25/94	1-GW14-01	1-GW16D-01					x													x									6/1/94	36	
4/25/94	1-GW14-01	1-GW17-01		x	x	x						x	x		x		x	x	x						x	x		x	6/1/94	36	
4/25/94	1-GW14-01	1-GW17D-01					x													x									6/1/94	36	
4/23/94	28-GW06-01	1-GWER-01		x		x									x		x		x									x	5/25/94	32	
4/25/94	1-GWER-02	1-GWER-02		x		x									x		x		x									x	6/1/94	36	
4/23/94	28-GW06-01	1-GWERD-01					x													x									5/25/94	32	
4/25/94	1-GWER-02	1-GWERD-02					x													x									6/1/94	36	
4/11/94	1-HP-638-01	1-HP-638-01		x											x		x											x	5/9/94	28	QT; Extra Volume
4/11/94	28-GW06-00	1-HP-638-01			x	x												x	x										5/20/94	39	Extra Volume
4/11/94	28-GW06-00	1-HP-638D-01					x													x									5/20/94	39	
4/11/94	1-SIER-07	1-TB-11													x													x	5/20/94	39	
4/23/94	30-GW02-01	1-TB-15													x													x	5/26/94	33	
4/25/94	1-GW14-01	1-TB-16													x													x	6/1/94	36	
5/3/94	1-GW16DW-00	1-GW16DW-00	x	x	x	x								x		x	x	x	x								x		6/2/94	29	
5/3/94	1-GW16DW-00	1-GW16DW-04	x	x	x	x								x		x	x	x	x								x		6/2/94	29	

OU # 7, SITE 1
GROUNDWATER
CTO-19231

			Analysis Requested													Analysis Received														
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	RCRA	TCLP	ORDNANCE	ENG PARAMETERS	TKN, COD	BOD, TSS, TDS, Cl, F, ALK.	TPH	601/602	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	RCRA	TCLP	ORDANANCE	ENG PARAMETERS	TKN, COD	BOD, TSS, TDS, Cl, F, ALK.	TPH	601/602	DATE REC'D	TURNAROUND TIME	COMMENTS
5/3/94	1-GW16DW-00	1-GW16DW-07	x	x	x	x								x		x	x	x	x								x		6/2/94	29	
5/3/94	1-GW16DW-00	1-TB-17	x													x													6/2/94	29	
5/6/94	1-GW17DW-00	1-GW17DW-00	x	x	x	x								x		x	x	x	x								x		6/9/94	33	fingerprint
5/6/94	1-GW17DW-00	1-GW17DW-05	x	x	x	x								x		x	x	x	x								x		6/9/94	33	
5/26/94	1-GW17DW-01	1-GW17DW-01	x	x		x										x	x		x										6/10/94	14	14 day turn
5/26/94	1-GW17DW-01	1-GW17DWD-01					x													x									6/10/94	14	14 day turn
5/26/94	1-GW17DW-01	1-TB-21	x													x													6/10/94	14	14 day turn
5/6/94	1-GW17DW-00	1-TB-18	x													x													6/9/94	33	
5/9/94	1-GW17DW-00	1-TB-19													x													x	6/9/94	30	
5/9/94	1-RB01	1-RB01						x	x													x	x						5/25/94	16	QT
5/9/94	1-RB01	1-RB02						x	x													x	x						5/25/94	16	QT
4/11/94	1-SIER-07	1-TB-10	x													x													5/20/94	39	
5/9/94	1-GW17DW-00	1-GW16DW-01		x		x									x		x		x									x	6/9/94	30	
5/9/94	1-GW17DW-00	1-GW16DWD-01					x													x									6/9/94	30	
																														0	
																														0	
																														0	
																														0	
COUNT			10	28	11	28	23	2	2	0	0	1	1	5	26	10	28	11	28	23	2	2	0	0	1	1	5	26			

OU # 7, SITE 1
SEDIMENT
CTO-19231

			Analysis Requested								Analysis Received										
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	ENG PARAMETERS	TPH	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	ENG PARAMETERS	TPH	DATE REC'D	TURNAROUND TIME	COMMENTS
3/24/94	1-SDER-01	1-SD01-06	x	x	x	x					x	x	x	x					4/30/94	36	MS/MSD
3/24/94	1-SDER-01	1-SD01-06D	x	x	x	x					x	x	x	x					4/30/94	36	
3/24/94	1-SDER-01	1-SD01-612	x	x	x	x					x	x	x	x					4/30/94	36	
3/23/94	1-SDER-01	1-SD02-06	x	x	x	x					x	x	x	x					4/30/94	37	
3/23/94	1-SDER-01	1-SD02-612	x	x	x	x					x	x	x	x					4/30/94	37	
3/23/94	1-SDER-01	1-SDER-01	x	x	x	x					x	x	x	x					4/30/94	37	
3/23/94	1-SDER-01	1-TB-01	x								x								4/30/94	37	
3/24/94	1-SDER-01	1-TB-02	x								x								4/30/94	36	
3/29/94	1-SDER-01	1-TB-03	x								x								4/30/94	31	
																				0	
																				0	
																				0	
																				0	
COUNT			8	5	5	5	0	0	0	0	8	5	5	5	0	0	0	0			

SITE 28

SOILS

OU # 7, SITE 28
SOILS
CTO-19231

			Analysis Requested											Analysis Received												
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	TKN, COD	Alkalinity, Cl, F, BOD, TSS, TDS	TPH	ENG PARAMETERS	TCLP/RCRA	EPA 601/602	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	TKN, COD	Alkalinity, Cl, F, BOD, TSS, TDS	TPH	ENG PARAMETERS	TCLP/RCRA	EPA 601/602	DATE REC'D	TUNRAROUND TIME	COMMENTS
3/28/94	28-BB-SB37-00	28-BB-SB37-00	x	x	x	x								x	x	x	x								4/28/94	30	
3/28/94	28-BB-SB37-00	28-BB-SB37-03	x	x	x	x								x	x	x	x								4/28/94	30	
3/29/94	28-BB-SB37-00	28-BB-SB38-00	x	x	x	x								x	x	x	x								4/28/94	29	
3/29/94	28-BB-SB37-00	28-BB-SB38-04	x	x	x	x								x	x	x	x								4/28/94	29	
3/26/94	28-NR-SD02-612	28-E-SB21-00	x	x	x	x								x	x	x	x								4/25/94	29	
3/26/94	28-E-SB21-02	28-E-SB21-02	x	x	x	x								x	x	x	x								4/18/94	22	QT
3/28/94	28-BB-SB37-00	28-E-SB22-00				x				x							x				x				4/28/94	30	Fingerprint
3/28/94	28-BB-SB37-00	28-E-SB22-02				x				x							x				x				4/28/94	30	Fingerprint
3/26/94	28-W-SB17-00	28-E-SB23-00	x	x	x	x								x	x	x	x								4/25/94	29	
3/26/94	28-W-SB17-00	28-E-SB23-00D	x	x	x	x								x	x	x	x								4/25/94	29	MS/MSD
3/26/94	28-E-SB21-02	28-E-SB23-03	x	x	x	x								x	x	x	x								4/18/94	22	QT
3/26/94	28-W-SB17-00	28-E-SB24-00	x	x	x	x								x	x	x	x								4/25/94	29	
3/26/94	28-E-SB21-02	28-E-SB24-03				x											x								4/18/94	22	QT
3/25/94	28-W-SB17-00	28-E-SB25-00	x	x	x	x								x	x	x	x								4/25/94	30	
3/25/94	28-E-SB25-03	28-E-SB25-03	x	x	x	x								x	x	x	x								4/18/94	23	QT
3/28/94	28-CC-SW01	28-E-SB26-00	x	x	x	x								x	x	x	x								4/30/94	32	
3/28/94	28-CC-SW01	28-E-SB26-03				x											x								4/30/94	32	
3/28/94	28-E-SB27-00	28-E-SB27-00	x	x	x	x								x	x	x	x								4/28/94	30	
3/28/94	28-E-SB27-00	28-E-SB27-04				x											x								4/28/94	30	
3/28/94	28-W-SB17-00	28-E-SB28-00	x	x	x	x								x	x	x	x								4/25/94	27	
3/28/94	28-E-SB25-03	28-E-SB28-04	x	x	x	x								x	x	x	x								4/18/94	20	QT
3/28/94	28-E-SB27-00	28-E-SB29-00	x	x	x	x								x	x	x	x								4/28/94	30	
3/28/94	28-E-SB27-00	28-E-SB29-00D	x	x	x	x								x	x	x	x								4/28/94	30	
3/28/94	28-E-SB27-00	28-E-SB29-02				x											x								4/28/94	30	
3/28/94	28-E-SB27-00	28-E-SB30-00				x				x							x				x				4/28/94	30	Fingerprint
3/28/94	28-E-SB27-00	28-E-SB30-03				x				x							x				x				4/28/94	30	Fingerprint
3/28/94	28-E-SB27-00	28-E-SB30-05				x				x							x				x				4/28/94	30	Fingerprint
3/26/94	28-NR-SD02-612	28-E-SB31-00	x	x	x	x								x	x	x	x								4/25/94	29	
3/26/94	28-E-SB21-02	28-E-SB31-02	x	x	x	x								x	x	x	x								4/18/94	22	QT

OU # 7, SITE 28
SOILS
CTO-19231

			Analysis Requested												Analysis Received													
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	TKN, COD	Alkalinity, Cl, F, BOD, TSS, TDS	TPH	ENG PARAMETERS	TCLP/RCRA	EPA 601/602	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	TKN, COD	Alkalinity, Cl, F, BOD, TSS, TDS	TPH	ENG PARAMETERS	TCLP/RCRA	EPA 601/602	DATE REC'D	TUNRAROUND TIME	COMMENTS
3/28/94	28-CC-SW01	28-E-SB32-00	x	x	x	x								x	x	x	x								4/30/94	32	
3/28/94	28-CC-SW01	28-E-SB32-03				x											x								4/30/94	32	
3/28/94	28-CC-SW01	28-E-SB32-06				x											x								4/30/94	32	
3/26/94	28-W-SB17-00	28-E-SB33-00	x	x	x	x								x	x	x	x								4/25/94	29	QT
3/26/94	28-W-SB17-00	28-E-SB33-03				x											x								4/25/94	29	QT
3/26/94	28-W-SB17-00	28-E-SB33-06				x											x								4/25/94	29	QT
3/28/94	28-E-SB27-00	28-E-SB34-00	x	x	x	x								x	x	x	x								4/28/94	30	
3/28/94	28-E-SB27-00	28-E-SB34-03				x											x								4/28/94	30	
3/28/94	28-E-SB27-00	28-E-SB34-06				x											x								4/28/94	30	
3/28/94	28-E-SB27-00	28-E-SB35-00	x	x	x	x								x	x	x	x								4/28/94	30	
3/28/94	28-E-SB27-00	28-E-SB35-05				x											x								4/28/94	30	
3/26/94	28-W-SB17-00	28-E-SB36-00	x	x	x	x								x	x	x	x								4/25/94	29	
3/26/94	28-E-SB21-02	28-E-SB36-04	x	x	x	x								x	x	x	x								4/18/94	22	qt
3/28/94	28-E-SB27-00	28-E-SB38-00	x	x	x	x								x	x	x	x								4/28/94	30	
3/28/94	28-E-SB27-00	28-E-SB38-04	x	x	x	x								x	x	x	x								4/28/94	30	
3/28/94	28-E-SB27-00	28-E-SB42										x											x		4/28/94	30	
3/28/94	28-E-SB27-00	28-E-SB42D										x											x		4/28/94	30	Full TCLP only
4/20/94	1-GW17-00	28-GW01-00	x	x	x	x								x	x	x	x								5/25/94	35	
4/20/94	1-GW17-00	28-GW01-01	x	x	x	x								x	x	x	x								5/25/94	35	
4/21/94	1-GW17-00	28-GW01DW-00	x	x	x	x								x	x	x	x								5/25/94	34	
4/21/94	28-GW01DW-01	28-GW01DW-01	x	x	x	x								x	x	x	x								5/25/94	34	
4/7/94	28-CC-SW05	28-GW09DW-00	x	x	x	x								x	x	x	x								5/12/94	35	
4/7/94	28-CC-SW05	28-GW09DW-01	x	x	x	x								x	x	x	x								5/12/94	35	
4/7/94	28-CC-SW05	28-GW05-00	x	x	x	x								x	x	x	x								5/12/94	35	MS/MSD
4/7/94	28-CC-SW05	28-GW05-00D	x	x	x	x								x	x	x	x								5/12/94	35	
4/7/94	28-CC-SW05	28-GW05-04	x	x	x	x								x	x	x	x								5/12/94	35	
4/8/94	28-GW06-00	28-GW06-00	x	x	x	x								x	x	x	x								5/13/94	35	
4/8/94	28-GW06-00	28-GW06-04	x	x	x	x								x	x	x	x								5/13/94	35	
4/8/94	28-GW06-00	28-GW06-08	x	x	x	x								x	x	x	x								5/13/94	35	

OU # 7, SITE 28
SOILS
CTO-19231

			Analysis Requested											Analysis Received												
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	TKN, COD	Alkalinity, Cl, F, BOD, TSS, TDS	TPH	ENG PARAMETERS	TCLP/RCRA	EPA 601/602	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	TKN, COD	Alkalinity, Cl, F, BOD, TSS, TDS	TPH	ENG PARAMETERS	TCLP/RCRA	EPA 601/602	DATE REC'D	TUNRAROUND TIME	COMMENTS
4/8/94	28-GW06-00	28-GW07-00	x	x	x	x								x	x	x	x								5/13/94	35	
4/8/94	28-GW06-00	28-GW07-01	x	x	x	x								x	x	x	x								5/13/94	35	
4/19/94	1-GW17-00	28-GW07DW-00	x	x	x	x								x	x	x	x								5/25/94	36	
4/19/94	1-GW17-00	28-GW07DW-01	x	x	x	x								x	x	x	x								5/25/94	36	
4/11/94	1-SIER-07	28-GW08-00	x	x	x	x								x	x	x	x								5/20/94	39	
4/11/94	1-SIER-07	28-GW08-05	x	x	x	x								x	x	x	x								5/20/94	39	
4/7/94	28-GW06-00	28-GW09-00	x	x	x	x								x	x	x	x								5/12/94	35	
4/7/94	28-GW06-00	28-GW09-03	x	x	x	x								x	x	x	x								5/12/94	35	
4/20/94	1-GW17-00	28-GWER-01-15		x	x	x							x		x	x	x							x	5/25/94	35	
4/20/94	1-GW17-00	28-GWERD-01-16					x											x							5/25/94	35	
3/28/94	28-E-SB27-00	28-SDER-01	x	x	x	x								x	x	x	x								4/28/94	30	
4/7/94	28-CC-SW05	28-SIER 05	x	x	x	x								x	x	x	x								5/12/94	35	
3/28/94	28-E-SB27-00	28-SIER-03	x	x	x	x				x				x	x	x	x				x				4/28/94	30	Fingerprint
3/28/94		28-SIER-04	x	x	x	x																				##	HOLD
4/8/94	1-GW17-00	28-SIER-06	x	x	x	x								x	x	x	x								5/12/94	34	
3/25/94	28-W-SB17-00	28-TB-02	x											x											4/25/94	30	
3/26/94	28-W-SB17-00	28-TB-04	x											x											4/25/94	29	
3/28/94	28-W-SB07-01	28-TB-06	x											x											5/3/94	35	
3/28/94	28-W-SB07-01	28-TB-07	x											x											5/3/94	35	
3/28/94	28-E-SB27-00	28-TB-08	x											x											4/28/94	30	
3/28/94	28-TB-09	28-TB-09	x											x											4/29/94	31	
3/28/94	28-TB-09	28-TB-10	x											x											4/29/94	31	
4/8/94	1-GW17-00	28-TB-17	x																							##	
4/8/94	1-GW17-00	28-TB-18											x											x	5/25/94	47	
4/20/94	1-GW17-00	28-TB-18-17											x											x	5/25/94	35	
4/8/94	28-TGW01-01	28-TGW01-01		x									x	x	x									x	5/9/94	31	QT
4/20/94	1-GW17-00	28-TGWPA-01-18		x	x	x							x		x	x	x							x	5/25/94	35	
4/20/94	1-GW17-00	28-TGWPAD-01-19					x											x							5/25/94	35	
3/26/94	28-W-WB17-00	28-W-SB01-00	x	x	x	x								x	x	x	x								4/25/94	29	

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SOILS
CTO-19231

			Analysis Requested											Analysis Received												
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	TKN, COD	Alkalinity, Cl, F, BOD, TSS, TDS	TPH	ENG PARAMETERS	TCLP/RCRA	EPA 601/602	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	TKN, COD	Alkalinity, Cl, F, BOD, TSS, TDS	TPH	ENG PARAMETERS	TCLP/RCRA	EPA 601/602	DATE REC'D	TUNRAROUND TIME	COMMENTS
3/26/94	28-E-SB21-02	28-W-SB01-04	x	x	x	x								x	x	x	x								4/18/94	22	QT
3/26/94	28-E-SB21-02	28-W-SB01-08	x	x	x	x								x	x	x	x								4/18/94	22	QT
3/26/94	28-NR-SD02-612	28-W-SB02-00	x	x	x	x								x	x	x	x								4/25/94	29	
3/26/94	28-E-SB21-02	28-W-SB02-04	x	x	x	x								x	x	x	x								4/18/94	22	QT
3/26/94	28-E-SB21-02	28-W-SB02-07	x	x	x	x								x	x	x	x								4/18/94	22	QT
3/26/94	28-W-WB17-00	28-W-SB03-00	x	x	x	x								x	x	x	x								4/25/94	29	
3/26/94	28-E-SB21-02	28-W-SB03-03	x	x	x	x								x	x	x	x								4/18/94	22	QT
3/26/94	28-E-SB21-02	28-W-SB03-05	x	x	x	x								x	x	x	x								4/18/94	22	QT
3/28/94	28-CC-SW01	28-W-SB04-00	x	x	x	x								x	x	x	x								4/30/94	32	MS/MSD
3/28/94	28-CC-SW01	28-W-SB04-00D	x	x	x	x								x	x	x	x								4/30/94	32	
3/28/94	28-CC-SW01	28-W-SB04-03	x	x	x	x								x	x	x	x								4/30/94	32	
3/28/94	28-CC-SW01	28-W-SB04-06	x	x	x	x								x	x	x	x								4/30/94	32	
3/28/94	28-TB-09	28-W-SB05-00	x	x	x	x								x	x	x	x								4/29/94	31	
3/28/94	28-TB-09	28-W-SB06-00	x	x	x	x				x				x	x	x	x				x				4/29/94	31	Fingerprint
3/28/94	28-TB-09	28-W-SB06-05	x	x	x	x				x				x	x	x	x				x				4/29/94	31	Fingerprint
3/28/94	28-TB-09	28-W-SB06-05D	x	x	x	x				x				x	x	x	x				x				4/29/94	31	Fingerprint
3/28/94	28-CC-SW01	28-W-SB07-00	x	x	x	x								x	x	x	x								4/30/94	32	
3/28/94	28-W-SB07-01	28-W-SB07-01	x	x	x									x	x	x									5/3/94	35	
3/28/94	28-W-SB07-01	28-W-SB07-06	x	x	x									x	x	x									5/3/94	35	
3/28/94	28-TB-09	28-W-SB08										x											x		4/29/94	31	
3/28/94	28-TB-09	28-W-SB08-00	x	x	x	x								x	x	x	x								4/29/94	31	
3/28/94	28-TB-09	28-W-SB08-04	x	x	x	x								x	x	x	x								4/29/94	31	
3/26/94	28-NR-SD02-612	28-W-SB09-00	x	x	x	x								x	x	x	x								4/25/94	29	
3/26/94	28-E-SB21-02	28-W-SB09-07	x	x	x	x								x	x	x	x								4/18/94	22	QT
3/28/94	28-W-SB07-01	28-W-SB10-00	x	x	x	x								x	x	x	x								5/3/94	35	
3/28/94	28-W-SB07-01	28-W-SB10-03	x	x	x	x								x	x	x	x								5/3/94	35	
3/28/94	28-W-SB07-01	28-W-SB10-06	x	x	x	x								x	x	x	x								5/3/94	35	
3/28/94	28-TB-09	28-W-SB11-00	x	x	x	x								x	x	x	x								4/29/94	31	
3/28/94	28-TB-09	28-W-SB11-03	x	x	x	x								x	x	x	x								4/29/94	31	MS/MSD

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SOILS
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			Analysis Requested												Analysis Received													
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	TKN, COD	Alkalinity, Cl, F, BOD, TSS, TDS	TPH	ENG PARAMETERS	TCLP/RCRA	EPA 601/602		TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	TKN, COD	Alkalinity, Cl, F, BOD, TSS, TDS	TPH	ENG PARAMETERS	TCLP/RCRA	EPA 601/602		DATE REC'D	TUNRAROUND TIME	COMMENTS
3/28/94	28-TB-09	28-W-SB11-03D	x	x	x	x									x	x	x	x									4/29/94	31	
3/28/94	28-TB-09	28-W-SB12-00	x	x	x	x									x	x	x	x									4/29/94	31	MS/MSD
3/28/94	28-TB-09	28-W-SB12-00D	x	x	x	x									x	x	x	x									4/29/94	31	
3/28/94	28-TB-09	28-W-SB12-05	x	x	x	x									x	x	x	x									4/29/94	31	
3/28/94	28-TB-09	28-W-SB13-00	x	x	x	x									x	x	x	x									4/29/94	31	
3/28/94	28-TB-09	28-W-SB13-06	x	x	x	x									x	x	x	x									4/29/94	31	
3/28/94	28-TB-09	28-W-SB14-00				x				x								x				x					4/29/94	31	Fingerprint
3/28/94	28-TB-09	28-W-SB14-02				x				x								x				x					4/29/94	31	Fingerprint
3/26/94	28-NR-SD02-612	28-W-SB15-00	x	x	x	x									x	x	x	x									4/25/94	29	
3/26/94	28-E-SB25-03	28-W-SB15-05				x												x									5/1/94	35	QT
3/28/94	28-W-SB16-00	28-W-SB16-00	x	x	x	x									x	x	x	x									4/29/94	31	
3/28/94	28-E-SB25-03	28-W-SB16-04				x												x									5/1/94	33	
3/28/94	28-W-SB17-00	28-W-SB17-00	x	x	x	x									x	x	x	x									4/25/94	27	
3/28/94	28-E-SB25-03	28-W-SB17-05				x												x									5/1/94	33	QT
3/28/94	28-W-SB16-00	28-W-SB18-00	x	x	x	x									x	x	x	x									4/29/94	31	
3/28/94	28-E-SB25-03	28-W-SB18-01				x												x									5/1/94	33	
3/28/94	28-W-SB17-00	28-W-SB19-00	x	x	x	x									x	x	x	x									4/25/94	27	
3/28/94	28-E-SB25-03	28-W-SB19-03				x												x									5/1/94	33	QT
3/28/94	28-W-SB17-00	28-W-SB20-00	x	x	x	x									x	x	x	x									4/25/94	27	
3/28/94	28-E-SB25-03	28-W-SB20-01				x												x									5/1/94	33	QT
3/28/94	28-W-SB16-00	28-W-SB41									x	x			x	x	x	x					x	x			4/29/94	31	
5/6/94	28-RB01	28-RB01										x												x			5/25/94	19	QT
5/6/94	28-RB01	28-RB02										x												x			5/25/94	19	QT
5/7/94	1-GW17-DW-00	28-GW01DW-01		x	x	x		x	x				x			x	x	x		x	x				x		6/9/94	32	
5/7/94	1-GW17-DW-00	28-GW01DWD-01					x												x								6/9/94	32	
5/7/94	1-GW17-DW-00	28-GW01DW-01D		x	x	x		x	x				x			x	x	x		x	x				x		6/9/94	32	
5/7/94	1-GW17-DW-00	28-GW01DWD-01D					x												x								6/9/94	32	
5/7/94	1-GW17-DW-00	28-TB-21											x												x		6/9/94	32	
5/9/94	1-GW17-DW-00	28-GW07DW-01		x	x	x							x			x	x	x							x		6/9/94	30	

OU # 7, SITE 28
SOILS
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			Analysis Requested											Analysis Received												
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	TKN, COD	Alkalinity, Cl, F, BOD, TSS, TDS	TPH	ENG PARAMETERS	TCLP/RCRA	EPA 601/602	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	TKN, COD	Alkalinity, Cl, F, BOD, TSS, TDS	TPH	ENG PARAMETERS	TCLP/RCRA	EPA 601/602	DATE REC'D	TUNRAROUND TIME	COMMENTS
5/9/94	1-GW17-DW-00	28-GW07DWD-01					x											x							6/9/94	30	
5/9/94	1-GW17-DW-00	28-GWER-03		x	x	x							x		x	x	x								x	6/9/94	30	
5/9/94	1-GW17-DW-00	28-GWERD-03					x											x								6/9/94	30	
																											0	
COUNT			102	101	100	122	6	2	2	11	1	6	10	102	101	100	122	6	2	2	11	1	6	10			

GROUNDWATER

OU # 7, SITE 28
GROUNDWATER
CTO-19231

			Analysis Requested														Analysis Received															
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CSM	MIREX	ORDNANCE	TKN, COD	CL, F, BOD, TDS, TSS, Alk.	ENG PARAMETERS	TPH	601/602	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CSM	MIREX	ORDANANCE	TKN, COD	CL, F, BOD, TDS, TSS, Alk.	ENG PARAMETERS	TPH	601/602	DATE REC'D	TURNAROUND TIME	COMMENTS
4/25/94	1-GW14-01	28-GW01-01													x													x	6/1/94	36	
4/25/94	1-GW14-01	28-GW01-01		x	x	x					x	x					x	x	x					x	x				6/1/94	36	
4/25/94	1-GW14-01	28-GW01D-01					x													x									6/1/94	36	
4/21/94	28-GW01DW-01	28-GW02-01		x	x	x									x		x	x	x									x	5/25/94	34	
4/21/94	28-GW01DW-01	28-GW02D-01					x													x									5/25/94	34	
4/21/94	28-GW01DW-01	28-GW03-01		x	x	x									x		x	x	x									x	5/25/94	34	
4/21/94	28-GW01DW-01	28-GW03D-01					x													x									5/25/94	34	MS/MSD
4/21/94	28-GW01DW-01	28-GW04-01		x	x	x									x		x	x	x									x	5/25/94	34	
4/21/94	28-GW01DW-01	28-GW04D-01					x													x									5/25/94	34	MS/MSD
4/23/94	30-GW02-01	28-GW05-01		x	x	x									x		x	x	x									x	5/26/94	33	
4/23/94	30-GW02-01	28-GW05D-01					x													x									5/26/94	33	
4/22/94	28-GW06-01	28-GW06-01													x													x	5/25/94	33	
4/22/94	28-GW06-01	28-GW06-01		x	x	x											x	x	x										5/25/94	33	
4/22/94	28-GW06-01	28-GW06D-01					x													x									5/25/94	33	
4/22/94	28-GW06-01	28-GW07-01		x	x	x									x		x	x	x									x	5/25/94	33	MS/MSD
4/22/94	28-GW06-01	28-GW07-01D		x	x	x									x		x	x	x									x	5/25/94	33	
4/22/94		28-GW07D-01					x													x									5/25/94	33	MS/MSD
4/22/94		28-GW07D-01D					x													x									5/25/94	33	
4/22/94	28-GW06-01	28-GW08-01													x													x	5/25/94	33	
4/22/94		28-GW08-01		x	x	x											x	x	x										5/25/94	33	
4/22/94		28-GW08D-01					x													x									5/25/94	33	
4/25/94	28-GW14-01	28-GW09DW-01		x	x	x									x		x	x	x									x	6/1/94	36	
4/25/94	28-GW14-01	28-GW09DWD-01					x													x									6/1/94	36	
4/26/94	28-GW14-01	28-GWER-02		x	x	x									x		x	x	x									x	6/1/94	35	
4/26/94	28-GW14-01	28-GWERD-02					x													x									6/1/94	35	
4/21/94	28-GW01DW-01	28-MW13-01		x	x	x									x		x	x	x									x	5/25/94	34	

OU # 7, SITE 28
GROUNDWATER
CTO-19231

			Analysis Requested													Analysis Received															
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CSM	MIREX	ORDNANCE	TKN, COD	CL, F, BOD, TDS, TSS, Alk.	ENG PARAMETERS	TPH	601/602	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CSM	MIREX	ORDANANCE	TKN, COD	CL, F, BOD, TDS, TSS, Alk.	ENG PARAMETERS	TPH	601/602	DATE REC'D	TURNAROUND TIME	COMMENTS
4/21/94	28-GW01DW-01	28-MW13D-01					x													x									5/25/94	34	
4/7/94	28-CC-SW05	28-TB-16	x													x													5/11/94	34	
4/21/94	28-GW01DW-01	28-TB-19	x												x	x												x	5/25/94	34	
4/26/94	1-GW14-01	28-TB-20													x													x	6/1/94	35	
																														0	
COUNT			2	12	12	12	12	0	0	0	1	1	0	0	14	2	12	12	12	12	0	0	0	1	1	0	0	14			

SURFACE WATER

OU # 7, SITE 28
SURFACE WATER
CTO-19231

			Analysis Requested									Analysis Received											
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	HARDNESS	ENG PARAMETERS	TPH	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	HARDNESS	ENG PARAMETERS	TPH	DATE REC'D	TURNAROUND TIME	COMMENTS
3/29/94	28-CC-SW01	28-CC-SW01	x	x	x	x			x			x	x	x	x			x			4/30/94	31	
3/28/94	28-BB-SB37-00	28-CC-SW02	x	x	x	x			x			x	x	x	x			x			4/28/94	30	
3/28/94	28-BB-SB37-00	28-CC-SW03	x	x	x	x			x			x	x	x	x			x			4/28/94	30	
3/28/94	28-BB-SB37-00	28-CC-SW04	x	x	x	x			x			x	x	x	x			x			4/28/94	30	
3/28/94	28-BB-SB37-00	28-CC-SW05	x			x			x			x	x	x	x			x			4/28/94	30	
3/28/94	28-BB-SB37-00	28-CC-SW06	x	x		x			x			x	x	x	x			x			4/28/94	30	
4/6/94	28-CC-SW05	28-CC-SW05		x	x								x	x							5/11/94	35	
4/6/94	28-CC-SW05	28-CC-SW06			x									x							5/11/94	35	
3/28/94	28-BB-SB37-00	28-CC-SW07	x	x	x	x			x			x	x	x	x			x			4/28/94	30	
3/29/94	28-W-SB16-00	28-NR-SW01	x	x	x	x			x			x	x	x	x			x			4/29/94	30	
3/29/94	28-W-SB16-00	28-NR-SW02	x	x	x	x			x			x	x	x	x			x			4/29/94	30	
3/30/94	28-CC-SW01	28-NR-SW03	x	x	x	x			x			x	x	x	x			x			4/30/94	30	
3/30/94	28-W-SB07-01	28-NR-SW04	x	x	x	x			x			x	x	x	x			x			5/3/94	33	MS/MSD
3/30/94	28-W-SB07-01	28-NR-SW04D	x	x	x	x						x	x	x	x						5/3/94	33	
3/30/94	28-W-SB07-01	28-NR-SW05	x	x	x	x			x			x	x	x	x			x			5/3/94	33	
3/29/94	28-CC-SW01	28-OP-SW01	x	x	x	x			x			x	x	x	x			x			4/30/94	31	MS/MSD
3/29/94	28-CC-SW01	28-OP-SW01D	x	x	x	x			x			x	x		x			x			4/30/94	31	
3/29/94	28-CC-SW01	28-OP-SW02	x	x	x	x			x			x	x		x			x			4/30/94	31	
3/29/94	28-CC-SW05	28-OP-SW02												x							5/11/94	42	
3/28/94	28-E-SB27-00	28-SDER-02	x	x								x	x								4/28/94	30	
3/25/94	28-W-SB17-00	28-SIER-01	x	x	x	x						x	x	x	x						4/25/94	30	
3/25/94	28-W-SB17-00	28-SIER-02	x	x	x	x						x	x	x	x						4/25/94	30	
3/25/94	28-W-SB17-00	28-TB-01	x									x									4/25/94	30	
3/29/94	28-CC-SW01	28-TB-13	x									x									4/30/94	31	
3/30/94	28-W-SB07-01	28-TB-15	x									x									5/3/94	33	
																						0	
																						0	
																						0	
COUNT			21	18	17	17	0	0	14	0	0	21	19	18	17	0	0	14	0	0			

SEDIMENT

OU # 7, SITE 28
SEDIMENT
CTO-19231

			Analysis Requested								Analysis Received										
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	ENG PARAMETERS	TPH	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	ENG PARAMETERS	TPH	DATE RE'D	TURNAROUND TIME	COMMENTS
3/26/94	28-W-SB17-00	28-CC-SD01-06	x	x	x	x					x	x	x	x					4/25/94	29	
3/26/94	28-W-SB17-00	28-CC-SD01-612	x	x	x	x					x	x	x	x					4/25/94	29	
3/28/94	28-BB-SB37-00	28-CC-SD02-06	x	x	x	x					x	x	x	x					4/28/94	30	
3/28/94	28-BB-SB37-00	28-CC-SD02-612	x	x	x	x					x	x	x	x					4/28/94	30	
3/29/94	28-W-SB16-00	28-CC-SD03-06	x	x	x	x					x	x	x	x					4/29/94	30	
3/29/94	28-W-SB16-00	28-CC-SD03-612	x	x	x	x					x	x	x	x					4/29/94	30	
3/29/94	28-W-SB16-00	28-CC-SD04-06	x	x	x	x					x	x	x	x					4/29/94	30	
3/29/94	28-W-SB16-00	28-CC-SD04-06D	x	x	x	x					x	x	x	x					4/29/94	30	
3/29/94	28-W-SB16-00	28-CC-SD04-612	x	x	x	x					x	x	x	x					4/29/94	30	
3/28/94	28-BB-SB37-00	28-CC-SD05-06	x	x	x	x					x	x	x	x					4/29/94	31	
3/28/94	28-BB-SB37-00	28-CC-SD05-612	x	x	x	x					x	x	x	x					4/29/94	31	
3/28/94	28-BB-SB37-00	28-CC-SD06-06	x	x	x	x					x	x	x	x					4/29/94	31	
3/28/94	28-BB-SB37-00	28-CC-SD06-612	x	x	x	x					x	x	x	x					4/29/94	31	
3/28/94	28-BB-SB37-00	28-CC-SD07-06	x	x	x	x					x	x	x	x					4/29/94	31	
3/28/94	28-BB-SB37-00	28-CC-SD07-612	x	x	x	x					x	x	x	x					4/29/94	31	
3/28/94	28-CC-SW01	28-NR-SD01-06	x	x	x	x					x	x	x	x					4/30/94	32	
3/28/94	28-CC-SW01	28-NR-SD01-612	x	x	x	x					x	x	x	x					4/30/94	32	
3/26/94	28-W-WB17-00	28-NR-SD02-06	x	x	x	x					x	x	x	x					4/25/94	29	
3/26/94	28-NR-SD02-612	28-NR-SD02-612	x	x	x	x					x	x	x	x					4/25/94	29	
3/26/94	28-NR-SD02-612	28-NR-SD02-612D	x	x	x	x					x	x	x	x					4/25/94	29	MS/MSD
3/26/94	28-NR-SD02-612	28-NR-SD03-06	x	x	x	x					x	x	x	x					4/25/94	29	
3/26/94	28-NR-SD02-612	28-NR-SD03-612	x	x	x	x					x	x	x	x					4/25/94	29	
3/26/94	28-NR-SD02-612	28-NR-SD04-06	x	x	x	x					x	x	x	x					4/25/94	29	
3/26/94	28-NR-SD02-612	28-NR-SD04-612	x	x	x	x					x	x	x	x					4/25/94	29	
3/26/94	28-NR-SD02-612	28-NR-SD05-06	x	x	x	x					x	x	x	x					4/25/94	29	
3/26/94	28-NR-SD02-612	28-NR-SD05-612	x	x	x	x					x	x	x	x					4/25/94	29	
3/29/94	28-W-SB16-00	28-OP-SD01-06	x	x	x	x					x	x	x	x					4/29/94	30	MS/MSD
3/29/94	28-W-SB16-00	28-OP-SD01-06D	x	x	x	x					x	x	x	x					4/29/94	30	

OU # 7, SITE 28
SEDIMENT
CTO-19231

			Analysis Requested								Analysis Received										
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	ENG PARAMETERS	TPH	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	ENG PARAMETERS	TPH	DATE RE'D	TURNAROUND TIME	COMMENTS
3/29/94	28-W-SB16-00	28-OP-SD01-612	x	x	x	x					x	x	x	x					4/29/94	30	
3/29/94	28-W-SB16-00	28-OP-SD02-06	x								x	x	x	x					4/29/94	30	
3/29/94	28-W-SB16-00	28-OP-SD02-612	x	x	x	x					x								4/29/94	30	
3/29/94	28-CC-SW01	28-SDER-03	x	x	x	x					x	x	x	x					4/30/94	31	
3/26/94	28-NR-SD02-612	28-TB-03	x								x								4/25/94	29	
3/26/94	28-NR-SD02-612	28-TB-05	x								x								4/25/94	29	
3/28/94	28-TB-09	28-TB-11	x								x								4/29/94	31	
3/29/94	28-W-SB16-00	28-TB-12	x								x								4/29/94	30	
3/29/94	28-CC-SW01	28-TB-14	x								x								4/30/94	31	
COUNT			37	31	31	31	0	0	0	0	37	31	31	31	0	0	0	0			

FISH

OU# 7, SITE 28
COMPOSITE FISH SAMPLES
CTO-19231

				Analysis Requested						Analysis Received								
DATE SHIPPED	SDG NO.	SAMPLE ID	NEW SAMPLE NUMBER	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)		TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)		DATE REC'D	TURNAROUND TIME	COMMENTS
Stripped Mullet																		
3/26/94	28-FS04-SM-WB01	28-FS04-SM01	28-FS04-SM-WB01	x	x	x	x			x	x	x	x			7/5/94	99	
3/28/94		28-FS04-SM09																
3/26/94	28-FS04-SM-WB01	28-FS04-SM04	28-FS04-SM-WM02	x	x	x	x			x	x	x	x			7/5/94	99	
3/26/94		28-FS05-SM03																
3/27/94	28-FS04-SM-WB01	28-FS04-SM05	28-FS04-SM-F01	x	x	x	x			x	x	x	x			7/5/94	98	MS/MSD
3/27/94		28-FS04-SM06																
3/28/94		28-FS04-SM07																
3/28/94		28-FS04-SM10																
3/28/94		28-FS04-SM11																
3/26/94	28-FS04-SM-WB01	28-FS04-SM02	28-FS04-SM-F02	x	x	x	x			x	x	x	x			7/5/94	99	
3/26/94		28-FS04-SM03																
3/28/94		28-FS04-SM08																
3/28/94		28-FS04-SM12																
3/28/94		28-FS04-SM13																
3/25/94	28-FS04-SM-WB01	28-FS05-SM01	28-FS05-SM-F01	x	x	x	x			x	x	x	x			7/5/94	100	
3/25/94		28-FS05-SM02																
3/27/94		28-FS05-SM04																
3/27/94		28-FS05-SM05																
3/27/94		28-FS05-SM06																
Summer Flounder																		
3/28/94	28-FS04-SM-WB01	28-FS04-SMRF01	28-FS04-SMRF01	x	x	x	x			x	x	x	x			7/5/94	97	
3/25/94	28-FS04-SM-WB01	28-FS05-SMRF01	28-FS05-SMRF-F01	x	x	x	x			x	x	x	x			7/5/94	100	
3/26/94		28-FS05-SMRF02																
3/26/94		28-FS05-SMRF03																

OU# 7, SITE 28
COMPOSITE FISH SAMPLES
CTO-19231

				Analysis Requested						Analysis Received								
DATE SHIPPED	SDG NO.	SAMPLE ID	NEW SAMPLE NUMBER	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)		TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)		DATE RECD	TURNAROUND TIME	COMMENTS
3/27/94	28-FS04-SM-WB01	28-FS05-SMRF05	28-FS05-SMRF-F02	x	x	x	x			x	x	x	x			7/5/94	98	
3/27/94		28-FS05-SMRF06																
3/29/94		28-FS05-SMRF07																
3/27/94	28-FS04-SM-WB01	28-FS05-SMRF04	28-FS05-SMRF-WB01	x	x	x	x			x	x	x	x			7/5/94	98	
Largemouth Bass																		
3/28/94	28-FS04-SM-WB01	28-OPFS-LB01	28-OPFS-LB-F01	x	x	x	x			x	x	x	x			7/5/94	97	
3/28/94		28-OPFS-LB02																
4/17/94		28-OPFS-LB05																
4/17/94	28-FS04-SM-WB01	28-OPFS-LB03	28-OPFS-LB-WB01	x	x	x	x			x	x	x	x			7/5/94	78	
4/17/94		28-OPFS-LB04																
4/17/94		28-OPFS-LB06																
American Eel																		
4/17/94	28-FS04-SM-WB01	28-OPFS-AE01	28-OPFS-AE-WB01	x	x	x	x			x	x	x	x			7/5/94	78	
4/17/94		28-OPFS-AE02																
Redear Sunfish																		
4/17/94	28-FS04-SM-WB01	28-OPFS-RS01	28-OPFS-RS-WB01	x	x	x	x			x	x	x	x			7/5/94	78	
4/17/94		28-OPFS-RS02																
4/17/94		28-OPFS-RS03																
4/17/94		28-OPFS-RS05																
4/17/94		28-OPFS-RS06																
4/17/94		28-OPFS-RS08																
War Mouth																		
3/28/94	28-FS04-SM-WB01	28-OPFS-WM01	28-OPFS-WM-F01	x	x	x	x			x	x	x	x			7/5/94	97	
3/28/94		28-OPFS-WM02																
4/17/94		28-OPFS-WM01																

OU# 7, S[illegible]28

COMPOSITE FISH SAMPLES

CTO-19231

				Analysis Requested						Analysis Received								
DATE SHIPPED	SDG NO.	SAMPLE ID	NEW SAMPLE NUMBER	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)		TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)		DATE REC'D	TURNAROUND TIME	COMMENTS
Atlantic Menhaden																		
3/25/94	28-FS04-SM-WB01	28-FS04-AM01	28-FS04-AM-WB01	x	x	x	x			x	x	x	x			7/5/94	100	
3/25/94	28-FS04-SM-WB01		28-FS04-AM-WB02	x	x	x	x			x	x	x	x			7/5/94	100	
3/25/94	28-FS04-SM-WB01		28-FS04-AM-WB03	x	x	x	x			x	x	x	x			7/5/94	100	
Black Drum																		
3/28/94	28-FS04-SM-WB01	28-FS04-BD01	28-FS04-BD-F01	x	x	x	x			x	x	x	x			7/5/94	97	
Spotted Sea Trout																		
3/29/94	28-FS04-SM-WB01	28-FS05-SS01	28-FS05-SS-F01	x	x	x	x			x	x	x	x			7/5/94	96	
		COUNT		19	19	19	19	0		19	19	19	19	0				

OU #7, SITE 28
CTO-19231
FISH SAMPLES

			Analysis Requested												Analysis Received														
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CSM	MIREX	ORDNANCE	ENG PARAMETERS	TPH			TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CSM	MIREX	ORDANANCE	ENG PARAMETERS	TPH			DATE REC'D	TURNAROUND TIME	COMMENTS
4/21/94		28-CC-FS01-BC01	x	x	x	x																						###	Holding for groupings
4/21/94		28-CC-FS01-PS01	x	x	x	x																						###	Holding for groupings
4/21/94		28-CC-FS01-PS02	x	x	x	x																						###	Holding for groupings
4/21/94		28-CC-FS01-SM01	x	x	x	x																						###	Holding for groupings
3/29/94		28-FS04-AM01	x	x	x	x																						###	
3/29/94		28-FS04-BD01	x	x	x	x																						###	14 day turn
3/29/94		28-FS04-SM01	x	x	x	x																						###	
3/29/94		28-FS04-SM02	x	x	x	x																						###	
3/29/94		28-FS04-SM03	x	x	x	x																						###	
3/29/94		28-FS04-SM04	x	x	x	x																						###	MS/MSD
3/29/94		28-FS04-SM05	x	x	x	x																						###	
3/29/94		28-FS04-SM06	x	x	x	x																						###	
3/29/94		28-FS04-SM07	x	x	x	x																						###	
3/29/94		28-FS04-SM08	x	x	x	x																						###	
3/29/94		28-FS04-SM09	x	x	x	x																						###	
3/29/94		28-FS04-SM10	x	x	x	x																						###	
3/29/94		28-FS04-SM11	x	x	x	x																						###	
3/29/94		28-FS04-SM12	x	x	x	x																						###	
3/29/94		28-FS04-SM13	x	x	x	x																						###	
3/29/94		28-FS04-SMAF01	x	x	x	x																						###	
3/29/94		28-FS05	x	x	x	x																						###	
3/29/94		28-FS05-SM01	x	x	x	x																						###	
3/29/94		28-FS05-SM02	x	x	x	x																						###	
3/29/94		28-FS05-SM03	x	x	x	x																						###	
3/29/94		28-FS05-SM04	x	x	x	x																						###	
3/29/94		28-FS05-SM05	x	x	x	x																						###	
3/29/94		28-FS05-SM06	x	x	x	x																						###	
3/29/94		28-FS05-SMRF01	x	x	x	x																						###	

OU #7, SITE 28
CTO-19231
FISH SAMPLES

			Analysis Requested												Analysis Received														
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CSM	MIREX	ORDNANCE	ENG PARAMETERS	TPH			TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CSM	MIREX	ORDANANCE	ENG PARAMETERS	TPH			DATE REC'D	TURNAROUND TIME	COMMENTS
3/29/94		28-FS05-SMRF02	x	x	x	x																						###	
3/29/94		28-FS05-SMRF03	x	x	x	x																						###	
3/29/94		28-FS05-SMRF04	x	x	x	x																						###	
3/29/94		28-FS05-SMRF05	x	x	x	x																						###	
3/29/94		28-FS05-SMRF06	x	x	x	x																						###	
3/29/94		28-FS05-SMRF07	x	x	x	x																						###	Holding for groupings
4/21/94		28-OPFS-AE01	x	x	x	x																						###	Holding for groupings
4/21/94		28-OPFS-AE02	x	x	x	x																						###	
4/21/94		28-OPFS-BG01	x	x	x	x																						###	
3/29/94		28-OPFS-LB01	x	x	x	x																						###	
3/29/94		28-OPFS-LB02	x	x	x	x																						###	Holding for groupings
4/21/94		28-OPFS-LMB03	x	x	x	x																						###	Holding for groupings
4/21/94		28-OPFS-LMB04	x	x	x	x																						###	Holding for groupings
4/21/94		28-OPFS-LMB05	x	x	x	x																						###	Holding for groupings
4/21/94		28-OPFS-LMB06	x	x	x	x																						###	Holding for groupings
4/21/94		28-OPFS-RS01	x	x	x	x																						###	Holding for groupings
4/21/94		28-OPFS-RS02	x	x	x	x																						###	Holding for groupings
4/21/94		28-OPFS-RS03	x	x	x	x																						###	
4/21/94		28-OPFS-RS04	x	x	x	x																						###	
4/21/94		28-OPFS-RS05	x	x	x	x																						###	
4/21/94		28-OPFS-RS06	x	x	x	x																						###	
4/21/94		28-OPFS-RS07	x	x	x	x																						###	
4/21/94		28-OPFS-RS08	x	x	x	x																						###	
3/29/94		28-OPFS-WM01	x	x	x	x																						###	
4/21/94		28-OPFS-WM01	x	x	x	x																						###	Holding for groupings
3/29/94		28-OPFS-WM02	x	x	x	x																						###	
																												0	
COUNT			54	54	54	54	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0				

SITE 30

SOILS

OU # 7, SITE 30
SOILS
CTO-19231

			Analysis Requested									Analysis Received											
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	DATE REC'D	TURNAROUND TIME	COMMENTS
5/3/94	30-3DRMC	30-3DRMC									x									x	5/25/94	22	
3/23/94	30-BB-SB12-00	30-BB-SB12-00	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-BB-SB12-00	30-BB-SB12-03	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-BB-SB12-00	30-BB-SB13-00	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-BB-SB12-00	30-BB-SB13-01	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-BB-SB12-00	30-BB-SB14-00	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-BB-SB12-00	30-BB-SB14-01	x	x		x						x	x		x						4/25/94	32	
3/24/94	30-SB09-02	30-BB-SB15-00	x	x		x						x	x		x						4/25/94	31	
3/24/94	30-SB09-02	30-BB-SB15-01	x	x		x						x	x		x						4/25/94	31	
3/24/94	30-SB09-02	30-BB-SB16-00	x	x		x						x	x		x						4/25/94	31	
3/24/94	30-SB09-02	30-BB-SB16-02	x	x		x						x	x		x						4/25/94	31	
3/24/94	30-SB09-02	30-GW03-00	x	x		x						x	x		x						4/25/94	31	
3/24/94	30-SB09-02	30-GW03-01	x	x		x						x	x		x						4/25/94	31	
3/23/94	30-BB-SB12-00	30-SB01-00	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-SB01	30-SB01-04	x	x		x			x			x	x		x			x			4/18/94	25	QT
3/23/94	30-BB-SB12-00	30-SB02-00	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-BB-SB12-00	30-SB02-03	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-BB-SB12-00	30-SB03-00	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-SB01	30-SB03-03	x	x		x			x			x	x		x			x			4/18/94	25	QT
3/23/94	30-BB-SB12-00	30-SB04-00	x	x		x						x	x		x						4/25/94	32	quickturn
3/23/94	30-BB-SB12-00	30-SB04-03	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-BB-SB12-00	30-SB05-00	x	x		x						x	x		x						4/25/94	32	MS/MSD
3/23/94	30-BB-SB12-00	30-SB05-00D	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-SB01	30-SB05-03	x	x		x			x			x	x		x			x			4/18/94	25	MS/MSD; QT
3/23/94	30-SB01	30-SB05-03D	x	x		x			x			x	x		x			x			4/18/94	25	QT
3/23/94	30-BB-SB12-00	30-SB06-00	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-BB-SB12-00	30-SB06-03	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-BB-SB12-00	30-SB07-00	x	x		x						x	x		x						4/25/94	32	

OU # 7, SITE 30
SOILS
CTO-19231

			Analysis Requested									Analysis Received										
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	TPH	ENG PARAMETERS	TCLP/RCRA	DATE REC'D	TURNAROUND TIME	COMMENTS
3/23/94	30-SB01	30-SB07-03	x	x		x			x			x	x		x			x			4/18/94	25	QT
3/23/94	30-BB-SB12-00	30-SB08-00	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-BB-SB12-00	30-SB08-02	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-BB-SB12-00	30-SB09-00	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-SB-09-02	30-SB09-02	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-SB-09-02	30-SB10-00	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-SB-09-02	30-SB10-00D	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-SB01	30-SB10-03	x	x		x			x			x	x		x			x			4/18/94	25	QT
3/23/94	30-SB01	30-SB10-03D	x	x		x			x			x	x		x			x			4/18/94	25	QT
3/23/94	30-SB-09-02	30-SB11-00	x	x		x						x	x		x						4/25/94	32	
3/23/94	30-SB-09-02	30-SB11-03	x	x		x						x	x		x						4/25/94	32	MS/MSD; quickturn
3/24/94	30-SB-09-02	30-SB17								x	x								x	x	4/25/94	31	Composite
4/8/94	1-BB-SB3800	30-SB18-00				x									x						5/6/94	28	
4/8/94	1-BB-SB3800	30-SB18-03				x									x						5/6/94	28	
4/8/94	1-BB-SB3800	30-SB19-00				x									x						5/6/94	28	MS/MSD
4/8/94	1-BB-SB3800	30-SB19-00D				x									x						5/6/94	28	
4/8/94	1-BB-SB3800	30-SB19-02				x									x						5/6/94	28	
4/8/94	1-BB-SB3800	30-SB20-00				x									x						5/6/94	28	
4/8/94	1-BB-SB3800	30-SB20-03				x									x						5/6/94	28	
3/23/94	30-SB09-02	30-SIER-01	x	x		x			x			x	x		x			x			4/25/94	32	
3/23/94		30-SIER-02	x	x		x																-33923	HOLD
4/8/94	1-BB-SB3800	30-SIER-03				x									x						5/6/94	28	
3/23/94	30-SB09-02	30-TB-01	x									x									4/25/94	32	
																						0	
																						0	
COUNT			41	40	0	48	0	0	8	1	2	40	39	0	47	0	0	8	1	2			

GROUNDWATER

OU # 7, SITE 30
GROUNDWATER
CTO-19231

			Analysis Requested													Analysis Received															
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CSM	MIREX	ORDNANCE	ENG PARAMETERS	TKN & COD	BOD, TPS, TSS, CI, FP, A	TPH	601/602	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CSM	MIREX	ORDANANCE	ENG PARAMETERS	TKN & COD	BOD, TPS, TSS, CI, FP, A	TPH	601/602	DATE REC'D	TURNAROUND TIME	COMMENTS
4/22/94	28-GW06-01	30-GW01-01		x		x						x	x		x		x		x						x	x		x	5/25/94	33	
4/22/94	28-GW06-01	30-GW01D-01					x													x									5/25/94	33	
4/22/94	30-GW02-01	30-GW02-01		x		x									x		x		x									x	5/26/94	34	MS/MSD
4/22/94	28-GW06-01	30-GW02-01D		x		x									x		x											x	5/25/94	33	
4/22/94	30-GW02-01	30-GW02D-01					x													x									5/26/94	34	MS/MSD
4/22/94	28-GW06-01	30-GW02D-01D					x													x									5/25/94	33	
4/22/94	28-GW06-01	30-GW03-01		x		x									x		x		x									x	5/25/94	33	
4/22/94	28-GW06-01	30-GW03D-01					x													x									5/25/94	33	
4/22/94	28-GW06-01	30-TB-04													x													x	5/25/94	33	
COUNT			0	4	0	4	4	0	0	0	0	1	1	0	5	0	4	0	4	4	0	0	0	0	1	1	0	5			

SURFACE WATER

OU # 7, SITE 30
SURFACE WATER
CTO-19231

			Analysis Requested									Analysis Received										
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	HARDNESS	ENG PARAMETERS	TPH	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	HARDNESS	ENG PARAMETERS	TPH	DATE REC'D	TURNAROUND TIME	COMMENTS
3/24/94	30-SB09-02	30-SW01	x	x		x			x			x	x		x			x			4/25/94	31	MS/MSD
3/24/94	30-SB09-02	30-SW01D	x	x		x						x	x		x						4/25/94	31	
3/24/94	30-SB09-02	30-SW02	x	x		x			x			x	x		x			x			4/25/94	31	
3/24/94	30-SB09-02	30-SW03	x	x		x			x			x	x		x			x			4/25/94	31	
3/24/94	30-SB09-02	30-TB-02	x									x									4/25/94	31	
																						0	
																						0	
COUNT			5	4	0	4	0	0	3	0	0	5	4	0	4	0	0	3	0	0			

SEDIMENT

OU # 7, S.. E 30
SEDIMENT
CTO-19231

			Analysis Requested								Analysis Received										
DATE SHIPPED	SDG NO.	SAMPLE ID	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	ENG PARAMETERS	TPH	TCL VOA	TCL SVOA	TCL PEST/PCB	TAL METALS	TAL METALS (D)	CYANIDE	ENG PARAMETERS	TPH	DATE REC'D	TURNAROUND TIME	COMMENTS
3/25/94	DD-SW01	30-SD01-06	x	x		x					x	x		x					4/25/94	30	MS/MSD
3/25/94	DD-SW01	30-SD01-06D	x	x		x					x	x		x					4/25/94	30	
3/25/94	DD-SW01	30-SD01-612	x	x		x					x	x		x					4/25/94	30	
3/25/94	DD-SW01	30-SD02-06	x	x		x					x	x		x					4/25/94	30	
3/25/94	DD-SW01	30-SD02-612	x	x		x					x	x		x					4/25/94	30	
3/25/94	DD-SW01	30-SD03-06	x	x		x					x	x		x					4/25/94	30	
3/25/94	DD-SW01	30-SD03-612	x	x		x					x	x		x					4/25/94	30	
3/25/94	DD-SW01	30-SDER-01	x	x		x					x	x		x					4/25/94	30	
3/25/94	DD-SW01	30-SDER-02	x	x		x					x	x		x					4/25/94	30	
3/25/94	DD-SW01	30-TB-03	x								x								4/25/94	30	
																				0	
																				0	
COUNT			10	9	0	9	0	0	0	0	10	9	0	9	0	0	0	0			

APPENDIX K
DATA AND FREQUENCY SUMMARIES

SITE 1

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-00	1-N-SB20-00	1-N-SB29-00	1-N-SB30-00	1-GW07-00	1-GW08-00	1-GW09-00	1-GW10-00
Laboratory Sample ID:		940225-09	940260-01	940225-10	940225-11	940289-26	940302-01	940289-09	940289-29
Date Sampled:		3/28/94	3/29/94	3/28/94	3/29/94	4/12/94	4/12/94	4/10/94	4/11/94
	UNITS								
VOLATILES									
Chloromethane	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Bromomethane	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Vinyl chloride	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Chloroethane	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Methylene chloride	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Acetone	UG/KG	12 U	11 UJ	13 U	12 U	12 U	11 U	13 U	14 U
Carbon Disulfide	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
1,1-Dichloroethene	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
1,1-Dichloroethane	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
1,2-Dichloroethene(total)	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Chloroform	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
1,2-Dichloroethane	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
2-Butanone	UG/KG	12 U	11 UJ	13 U	12 U	12 U	11 U	13 U	14 U
1,1,1-Trichloroethane	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Carbon tetrachloride	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Bromodichloromethane	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
1,2-Dichloropropane	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
cis-1,3-Dichloropropene	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Trichloroethene	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Dibromochloromethane	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
1,1,2-Trichloroethane	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Benzene	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
trans-1,3-Dichloropropene	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Bromoform	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
4-Methyl-2-pentanone	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
2-Hexanone	UG/KG	12 U	11 UJ	13 U	12 U	12 U	11 U	13 U	14 U
Tetrachloroethene	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
1,1,2,2-Tetrachloroethane	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Toluene	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Chlorobenzene	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Ethylbenzene	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Styrene	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U
Xylenes (total)	UG/KG	12 U	11 U	13 U	12 U	12 U	11 U	13 U	14 U

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-00	1-N-SB20-00	1-N-SB29-00	1-N-SB30-00	1-GW07-00	1-GW08-00	1-GW09-00	1-GW10-00
Laboratory Sample ID:		940225-09	940260-01	940225-10	940225-11	940289-26	940302-01	940289-09	940289-29
Date Sampled:		3/28/94	3/29/94	3/28/94	3/29/94	4/12/94	4/12/94	4/10/94	4/11/94
	UNITS								
SEMIVOLATILES									
Phenol	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
bis(2-Chloroethyl) ether	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
2-Chlorophenol	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
1,3-Dichlorobenzene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
1,4-Dichlorobenzene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
1,2-Dichlorobenzene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
2-Methylphenol	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
2,2'-oxybis-(1-chloropropane)	UG/KG	400 UJ	420 U	420 UJ	390 UJ	390 U	360 U	430 U	440 U
4-Methylphenol	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
N-Nitroso-di-n-propylamine	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Hexachloroethane	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Nitrobenzene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Isophorone	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
2-Nitrophenol	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
2,4-Dimethylphenol	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
bis(2-Chloroethoxy) methane	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
2,4-Dichlorophenol	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
1,2,4-Trichlorobenzene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Naphthalene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
4-Chloroaniline	UG/KG	400 U	420 U	420 U	390 U	390 U	360 UJ	430 U	440 U
Hexachlorobutadiene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
4-Chloro-3-methylphenol	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
2-Methylnaphthalene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Hexachlorocyclopentadiene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
2,4,6-Trichlorophenol	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
2,4,5-Trichlorophenol	UG/KG	960 U	1000 U	1000 U	940 U	940 U	880 U	1000 U	1100 U
2-Chloronaphthalene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
2-Nitroaniline	UG/KG	960 U	1000 U	1000 U	940 U	940 U	880 U	1000 U	1100 U
Dimethyl phthalate	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Acenaphthylene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
2,6-Dinitrotoluene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
3-Nitroaniline	UG/KG	960 U	1000 U	1000 U	940 U	940 U	880 UJ	1000 U	1100 U

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-00	1-N-SB20-00	1-N-SB29-00	1-N-SB30-00	1-GW07-00	1-GW08-00	1-GW09-00	1-GW10-00
Laboratory Sample ID:		940225-09	940260-01	940225-10	940225-11	940289-26	940302-01	940289-09	940289-29
Date Sampled:		3/28/94	3/29/94	3/28/94	3/29/94	4/12/94	4/12/94	4/10/94	4/11/94
	UNITS								
SEMIVOLATILES Cont.									
Acenaphthene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
2,4-Dinitrophenol	UG/KG	960 U	1000 U	1000 U	940 U	940 U	880 UJ	1000 U	1100 U
4-Nitrophenol	UG/KG	960 U	1000 U	1000 U	940 U	940 U	880 U	1000 U	1100 U
Dibenzofuran	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
2,4-Dinitrotoluene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Diethylphthalate	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 UJ	440 U
4-Chlorophenyl phenyl ether	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Fluorene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
4-Nitroaniline	UG/KG	960 U	1000 U	1000 U	940 U	940 U	880 U	1000 U	1100 U
4,6-Dinitro-2-methylphenol	UG/KG	960 U	1000 U	1000 U	940 U	940 U	880 U	1000 UJ	1100 U
N-nitrosodiphenylamine	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
4-Bromophenyl-phenylether	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Hexachlorobenzene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Pentachlorophenol	UG/KG	960 U	1000 U	1000 U	940 U	940 U	880 U	1000 U	1100 U
Phenanthrene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Anthracene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Carbazole	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
di-n-Butylphthalate	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Fluoranthene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Pyrene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Butyl benzyl phthalate	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
3,3'-Dichlorobenzidine	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 UJ	440 U
Benzo[a]anthracene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Chrysene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
bis(2-Ethylhexyl)phthalate	UG/KG	400 U	510	710	390 U	58 J	39 J	430 U	260 J
di-n-Octylphthalate	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Benzo[b]fluoranthene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Benzo[k]fluoranthene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Benzo[a]pyrene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Indeno[1,2,3-cd]pyrene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Dibenz[a,h]anthracene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U
Benzo[g,h,i]perylene	UG/KG	400 U	420 U	420 U	390 U	390 U	360 U	430 U	440 U

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-00	1-N-SB20-00	1-N-SB29-00	1-N-SB30-00	1-GW07-00	1-GW08-00	1-GW09-00	1-GW10-00
Laboratory Sample ID:		940225-09	940260-01	940225-10	940225-11	940289-26	940302-01	940289-09	940289-29
Date Sampled:		3/28/94	3/29/94	3/28/94	3/29/94	4/12/94	4/12/94	4/10/94	4/11/94
	UNITS								
PESTICIDES/PCBs									
alpha-BHC	UG/KG	2.0 UJ	2.1 UJ	2.2 UJ	2.0 UJ	2.0 U	1.9 UJ	2.2 U	2.3 UJ
beta-BHC	UG/KG	2.0 UJ	2.1 UJ	2.2 UJ	2.0 UJ	2.0 U	1.9 U	2.2 U	2.3 UJ
delta-BHC	UG/KG	2.0 UJ	2.1 UJ	2.2 UJ	2.0 UJ	2.0 U	1.9 U	2.2 U	2.3 UJ
Lindane (gamma-BHC)	UG/KG	2.0 UJ	2.1 UJ	2.2 UJ	2.0 UJ	2.0 U	1.9 UJ	2.2 U	2.3 UJ
Heptachlor	UG/KG	2.0 UJ	2.1 UJ	2.2 UJ	2.0 UJ	2.0 U	1.9 U	2.2 U	2.3 UJ
Aldrin	UG/KG	2.0 UJ	2.1 UJ	2.2 UJ	2.0 UJ	2.0 U	1.9 U	2.2 U	2.3 UJ
Heptachlor epoxide	UG/KG	2.0 UJ	2.1 UJ	2.2 UJ	2.0 UJ	2.0 U	1.9 U	2.2 U	2.3 UJ
Endosulfan I	UG/KG	2.0 UJ	2.1 UJ	2.2 UJ	2.0 UJ	2.0 U	1.9 U	2.2 U	2.3 UJ
Dieldrin	UG/KG	4.0 UJ	4.2 UJ	4.2 UJ	3.9 UJ	3.9 U	3.6 U	4.3 U	4.4 UJ
4,4'-DDE	UG/KG	4.0 UJ	4.2 UJ	4.2 UJ	3.9 UJ	3.9 U	2.2 J	4.3 U	4.4 UJ
Endrin	UG/KG	4.0 UJ	4.2 UJ	4.2 UJ	3.9 UJ	3.9 U	3.6 U	4.3 U	4.4 UJ
Endosulfan II	UG/KG	4.0 UJ	4.2 UJ	4.2 UJ	3.9 UJ	3.9 U	3.6 U	4.3 U	4.4 UJ
4,4'-DDD	UG/KG	4.0 UJ	4.2 UJ	4.2 UJ	3.9 UJ	3.9 U	3.6 U	4.3 U	4.4 UJ
Endosulfan sulfate	UG/KG	4.0 UJ	4.2 UJ	4.2 UJ	3.9 UJ	3.9 U	3.6 U	4.3 U	4.4 UJ
4,4'-DDT	UG/KG	4.0 UJ	4.2 UJ	4.2 UJ	3.9 UJ	3.9 U	7.5	4.3 U	4.4 UJ
Methoxychlor	UG/KG	20 UJ	21 UJ	22 UJ	20 UJ	20 U	19 U	22 U	23 UJ
Endrin ketone	UG/KG	4.0 UJ	4.2 UJ	4.2 UJ	3.9 UJ	3.9 U	3.6 U	4.3 U	4.4 UJ
Endrin aldehyde	UG/KG	4.0 UJ	4.2 UJ	4.2 UJ	3.9 UJ	3.9 U	3.6 U	4.3 U	4.4 UJ
alpha-Chlordane	UG/KG	2.0 UJ	2.1 UJ	2.2 UJ	2.0 UJ	2.0 U	1.9 U	2.2 U	2.3 UJ
gamma-Chlordane	UG/KG	2.0 UJ	2.1 UJ	2.2 UJ	2.0 UJ	2.0 U	1.9 U	2.2 U	2.3 UJ
Toxaphene	UG/KG	200 UJ	210 UJ	220 UJ	200 UJ	200 U	190 U	220 U	230 UJ
Aroclor 1016	UG/KG	40 UJ	42 UJ	42 UJ	39 UJ	39 U	36 U	43 U	44 UJ
Aroclor 1221	UG/KG	80 UJ	85 UJ	85 UJ	79 UJ	78 U	73 U	87 U	90 UJ
Aroclor 1232	UG/KG	40 UJ	42 UJ	42 UJ	39 UJ	39 U	36 U	43 U	44 UJ
Aroclor 1242	UG/KG	40 UJ	42 UJ	42 UJ	39 UJ	39 U	36 U	43 U	44 UJ
Aroclor 1248	UG/KG	40 UJ	42 UJ	42 UJ	39 UJ	39 U	36 U	43 U	44 UJ
Aroclor 1254	UG/KG	40 UJ	42 UJ	42 UJ	39 UJ	39 U	36 U	43 U	44 UJ
Aroclor 1260	UG/KG	40 UJ	42 UJ	42 UJ	39 UJ	39 U	36 U	43 U	44 UJ

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-00	1-GW12-00	1-GW16DW-00	1-GW16-00	1-GW17DW-00	1-GW17-00
Laboratory Sample ID:		940289-11	940289-13	940369-01	940302-04	940389-01	940320-01
Date Sampled:		4/10/94	4/10/94	5/2/94	4/13/94	5/5/94	4/19/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Bromomethane	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Vinyl chloride	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Chloroethane	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Methylene chloride	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Acetone	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Carbon Disulfide	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
1,1-Dichloroethene	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
1,1-Dichloroethane	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
1,2-Dichloroethene(total)	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Chloroform	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
1,2-Dichloroethane	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
2-Butanone	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
1,1,1-Trichloroethane	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Carbon tetrachloride	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Bromodichloromethane	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
1,2-Dichloropropane	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Trichloroethene	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Dibromochloromethane	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Benzene	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
trans-1,3-Dichloropropene	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Bromoform	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
2-Hexanone	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Tetrachloroethene	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Toluene	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Chlorobenzene	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Ethylbenzene	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Styrene	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U
Xylenes (total)	UG/KG	12 U	13 U	11 U	11 U	11 U	11 U

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-00	1-GW12-00	1-GW16DW-00	1-GW16-00	1-GW17DW-00	1-GW17-00
Laboratory Sample ID:		940289-11	940289-13	940369-01	940302-04	940389-01	940320-01
Date Sampled:		4/10/94	4/10/94	5/2/94	4/13/94	5/5/94	4/19/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
bis(2-Chloroethyl) ether	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
2-Chlorophenol	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
1,3-Dichlorobenzene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
1,4-Dichlorobenzene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
1,2-Dichlorobenzene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
2-Methylphenol	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
2,2'-oxybis-(1-chloropropane)	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
4-Methylphenol	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
N-Nitroso-di-n-propylamine	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Hexachloroethane	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Nitrobenzene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Isophorone	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
2-Nitrophenol	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
2,4-Dimethylphenol	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
bis(2-Chloroethoxy) methane	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
2,4-Dichlorophenol	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
1,2,4-Trichlorobenzene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Naphthalene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
4-Chloroaniline	UG/KG	380 U	430 U	370 U	510 UJ	360 U	340 U
Hexachlorobutadiene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
4-Chloro-3-methylphenol	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
2-Methylnaphthalene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Hexachlorocyclopentadiene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
2,4,6-Trichlorophenol	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
2,4,5-Trichlorophenol	UG/KG	930 U	1000 U	890 U	1200 U	860 U	830 U
2-Chloronaphthalene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
2-Nitroaniline	UG/KG	930 U	1000 U	890 U	1200 U	860 U	830 U
Dimethyl phthalate	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Acenaphthylene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
2,6-Dinitrotoluene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
3-Nitroaniline	UG/KG	930 U	1000 U	890 U	1200 UJ	860 U	830 U

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-00	1-GW12-00	1-GW16DW-00	1-GW16-00	1-GW17DW-00	1-GW17-00
Laboratory Sample ID:		940289-11	940289-13	940369-01	940302-04	940389-01	940320-01
Date Sampled:		4/10/94	4/10/94	5/2/94	4/13/94	5/5/94	4/19/94
	UNITS						
SEMIVOLATILES Cont.							
Acenaphthene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
2,4-Dinitrophenol	UG/KG	930 U	1000 U	890 U	1200 UJ	860 U	830 U
4-Nitrophenol	UG/KG	930 U	1000 U	890 U	1200 U	860 U	830 U
Dibenzofuran	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
2,4-Dinitrotoluene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Diethylphthalate	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
4-Chlorophenyl phenyl ether	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Fluorene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
4-Nitroaniline	UG/KG	930 U	1000 U	890 U	1200 U	860 U	830 U
4,6-Dinitro-2-methylphenol	UG/KG	930 U	1000 U	890 U	1200 U	860 U	830 U
N-nitrosodiphenylamine	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
4-Bromophenyl-phenylether	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Hexachlorobenzene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Pentachlorophenol	UG/KG	930 U	1000 U	890 U	1200 U	860 U	830 U
Phenanthrene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Anthracene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Carbazole	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
di-n-Butylphthalate	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Fluoranthene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Pyrene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Butyl benzyl phthalate	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
3,3'-Dichlorobenzidine	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Benzo[a]anthracene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
Chrysene	UG/KG	380 U	430 U	370 U	510 U	360 U	340 U
bis(2-Ethylhexyl)phthalate	UG/KG	41 J	50 J	910	77 J	360 U	350
di-n-Octylphthalate	UG/KG	380 U	430 UJ	370 U	510 U	360 U	340 U
Benzo[b]fluoranthene	UG/KG	380 U	430 UJ	370 U	510 U	360 U	340 U
Benzo[k]fluoranthene	UG/KG	380 U	430 UJ	370 U	510 U	360 U	340 U
Benzo[a]pyrene	UG/KG	380 U	430 UJ	370 U	510 U	360 U	340 U
Indeno[1,2,3-cd]pyrene	UG/KG	380 U	430 UJ	370 U	510 U	360 U	340 U
Dibenz[a,h]anthracene	UG/KG	380 U	430 UJ	370 U	510 U	360 U	340 U
Benzo[g,h,i]perylene	UG/KG	380 U	430 UJ	370 U	510 U	360 U	340 U

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-00	1-GW12-00	1-GW16DW-00	1-GW16-00	1-GW17DW-00	1-GW17-00
Laboratory Sample ID:		940289-11	940289-13	940369-01	940302-04	940389-01	940320-01
Date Sampled:		4/10/94	4/10/94	5/2/94	4/13/94	5/5/94	4/19/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	2.0 U	2.2 U	0.18 U	2.6 UJ	1.8 UJ	1.8 U
beta-BHC	UG/KG	2.0 U	2.2 U	1.9 UJ	2.6 UJ	1.8 UJ	1.8 U
delta-BHC	UG/KG	2.0 U	2.2 U	1.9 U	2.6 UJ	1.8 UJ	1.8 U
Lindane (gamma-BHC)	UG/KG	2.0 U	2.2 U	1.9 U	2.6 UJ	1.8 UJ	1.8 U
Heptachlor	UG/KG	2.0 U	2.2 U	1.9 UJ	2.6 UJ	1.8 UJ	1.8 U
Aldrin	UG/KG	2.0 U	2.2 U	1.9 U	2.6 UJ	1.8 UJ	1.8 U
Heptachlor epoxide	UG/KG	2.0 U	2.2 U	1.9 U	2.6 UJ	1.8 UJ	1.8 U
Endosulfan I	UG/KG	2.0 U	2.2 U	1.9 U	2.6 UJ	1.8 UJ	1.8 U
Dieldrin	UG/KG	3.8 U	4.3 U	1.9 U	5.1 UJ	3.6 UJ	4.3 J
4,4'-DDE	UG/KG	3.8 U	4.3 U	3.7 U	5.1 UJ	3.6 UJ	4.9
Endrin	UG/KG	3.8 U	4.3 U	3.7 U	5.1 UJ	3.6 UJ	3.4 U
Endosulfan II	UG/KG	3.8 U	4.3 U	3.7 U	5.1 UJ	3.6 UJ	3.4 U
4,4'-DDD	UG/KG	3.8 U	4.3 U	3.7 U	5.1 UJ	3.6 UJ	3.4 U
Endosulfan sulfate	UG/KG	3.8 U	4.3 U	3.7 U	5.1 UJ	3.6 UJ	3.4 U
4,4'-DDT	UG/KG	3.8 U	12	3.7 U	5.1 UJ	3.6 UJ	7.0 J
Methoxychlor	UG/KG	20 U	22 U	3.7 U	26 UJ	18 UJ	18 U
Endrin ketone	UG/KG	3.8 U	4.3 U	19 U	5.1 UJ	3.6 UJ	3.4 U
Endrin aldehyde	UG/KG	3.8 U	4.3 U	3.7 U	5.1 UJ	3.9 NJ	3.4 U
alpha-Chlordane	UG/KG	2.0 U	2.2 U	3.7 U	2.6 UJ	1.8 UJ	1.8 U
gamma-Chlordane	UG/KG	2.0 U	2.2 U	1.9 U	2.6 UJ	1.8 UJ	1.8 U
Toxaphene	UG/KG	200 U	220 U	1.9 U	260 UJ	180 UJ	180 U
Aroclor 1016	UG/KG	38 U	43 U	190 U	51 UJ	36 UJ	34 U
Aroclor 1221	UG/KG	78 U	88 U	37 U	100 UJ	72 UJ	69 U
Aroclor 1232	UG/KG	38 U	43 U	74 U	51 UJ	36 UJ	34 U
Aroclor 1242	UG/KG	38 U	43 U	37 U	51 UJ	36 UJ	34 U
Aroclor 1248	UG/KG	38 U	43 U	37 U	51 UJ	36 UJ	34 U
Aroclor 1254	UG/KG	38 U	43 U	37 U	51 UJ	36 UJ	34 U
Aroclor 1260	UG/KG	38 U	43 U	37 U	51 UJ	36 UJ	34 U

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/KG	11 U	14 U	ND	ND		0/14
Bromomethane	UG/KG	11 U	14 U	ND	ND		0/14
Vinyl chloride	UG/KG	11 U	14 U	ND	ND		0/14
Chloroethane	UG/KG	11 U	14 U	ND	ND		0/14
Methylene chloride	UG/KG	11 U	14 U	ND	ND		0/14
Acetone	UG/KG	11 UJ	15 U	ND	ND		0/14
Carbon Disulfide	UG/KG	11 U	14 U	ND	ND		0/14
1,1-Dichloroethene	UG/KG	11 U	14 U	ND	ND		0/14
1,1-Dichloroethane	UG/KG	11 U	14 U	ND	ND		0/14
1,2-Dichloroethene(total)	UG/KG	11 U	14 U	ND	ND		0/14
Chloroform	UG/KG	11 U	14 U	ND	ND		0/14
1,2-Dichloroethane	UG/KG	11 U	14 U	ND	ND		0/14
2-Butanone	UG/KG	11 UJ	14 U	ND	ND		0/14
1,1,1-Trichloroethane	UG/KG	11 U	14 U	ND	ND		0/14
Carbon tetrachloride	UG/KG	11 U	14 U	ND	ND		0/14
Bromodichloromethane	UG/KG	11 U	14 U	ND	ND		0/14
1,2-Dichloropropane	UG/KG	11 U	14 U	ND	ND		0/14
cis-1,3-Dichloropropene	UG/KG	11 U	14 U	ND	ND		0/14
Trichloroethene	UG/KG	11 U	14 U	ND	ND		0/14
Dibromochloromethane	UG/KG	11 U	14 U	ND	ND		0/14
1,1,2-Trichloroethane	UG/KG	11 U	14 U	ND	ND		0/14
Benzene	UG/KG	11 U	14 U	ND	ND		0/14
trans-1,3-Dichloropropene	UG/KG	11 U	14 U	ND	ND		0/14
Bromoform	UG/KG	11 U	14 U	ND	ND		0/14
4-Methyl-2-pentanone	UG/KG	11 U	14 U	ND	ND		0/14
2-Hexanone	UG/KG	11 UJ	14 U	ND	ND		0/14
Tetrachloroethene	UG/KG	11 U	14 U	ND	ND		0/14
1,1,2,2-Tetrachloroethane	UG/KG	11 U	14 U	ND	ND		0/14
Toluene	UG/KG	11 U	14 U	ND	ND		0/14
Chlorobenzene	UG/KG	11 U	14 U	ND	ND		0/14
Ethylbenzene	UG/KG	11 U	14 U	ND	ND		0/14
Styrene	UG/KG	11 U	14 U	ND	ND		0/14
Xylenes (total)	UG/KG	11 U	14 U	ND	ND		0/14

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	340 U	510 U	ND	ND		0/14
bis(2-Chloroethyl) ether	UG/KG	340 U	510 U	ND	ND		0/14
2-Chlorophenol	UG/KG	340 U	510 U	ND	ND		0/14
1,3-Dichlorobenzene	UG/KG	340 U	510 U	ND	ND		0/14
1,4-Dichlorobenzene	UG/KG	340 U	510 U	ND	ND		0/14
1,2-Dichlorobenzene	UG/KG	340 U	510 U	ND	ND		0/14
2-Methylphenol	UG/KG	340 U	510 U	ND	ND		0/14
2,2'-oxybis-(1-chloropropane)	UG/KG	340 U	510 U	ND	ND		0/14
4-Methylphenol	UG/KG	340 U	510 U	ND	ND		0/14
N-Nitroso-di-n-propylamine	UG/KG	340 U	510 U	ND	ND		0/14
Hexachloroethane	UG/KG	340 U	510 U	ND	ND		0/14
Nitrobenzene	UG/KG	340 U	510 U	ND	ND		0/14
Isophorone	UG/KG	340 U	510 U	ND	ND		0/14
2-Nitrophenol	UG/KG	340 U	510 U	ND	ND		0/14
2,4-Dimethylphenol	UG/KG	340 U	510 U	ND	ND		0/14
bis(2-Chloroethoxy) methane	UG/KG	340 U	510 U	ND	ND		0/14
2,4-Dichlorophenol	UG/KG	340 U	510 U	ND	ND		0/14
1,2,4-Trichlorobenzene	UG/KG	340 U	510 U	ND	ND		0/14
Naphthalene	UG/KG	340 U	510 U	ND	ND		0/14
4-Chloroaniline	UG/KG	340 U	510 UJ	ND	ND		0/14
Hexachlorobutadiene	UG/KG	340 U	510 U	ND	ND		0/14
4-Chloro-3-methylphenol	UG/KG	340 U	510 U	ND	ND		0/14
2-Methylnaphthalene	UG/KG	340 U	510 U	ND	ND		0/14
Hexachlorocyclopentadiene	UG/KG	340 U	510 U	ND	ND		0/14
2,4,6-Trichlorophenol	UG/KG	340 U	510 U	ND	ND		0/14
2,4,5-Trichlorophenol	UG/KG	830 U	1200 U	ND	ND		0/14
2-Chloronaphthalene	UG/KG	340 U	510 U	ND	ND		0/14
2-Nitroaniline	UG/KG	830 U	1200 U	ND	ND		0/14
Dimethyl phthalate	UG/KG	340 U	510 U	ND	ND		0/14
Acenaphthylene	UG/KG	340 U	510 U	ND	ND		0/14
2,6-Dinitrotoluene	UG/KG	340 U	510 U	ND	ND		0/14
3-Nitroaniline	UG/KG	830 U	1200 UJ	ND	ND		0/14

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
Acenaphthene	UG/KG	340 U	510 U	ND	ND		0/14
2,4-Dinitrophenol	UG/KG	830 U	1200 UJ	ND	ND		0/14
4-Nitrophenol	UG/KG	830 U	1200 U	ND	ND		0/14
Dibenzofuran	UG/KG	340 U	510 U	ND	ND		0/14
2,4-Dinitrotoluene	UG/KG	340 U	510 U	ND	ND		0/14
Diethylphthalate	UG/KG	340 U	510 U	ND	ND		0/14
4-Chlorophenyl phenyl ether	UG/KG	340 U	510 U	ND	ND		0/14
Fluorene	UG/KG	340 U	510 U	ND	ND		0/14
4-Nitroaniline	UG/KG	830 U	1200 U	ND	ND		0/14
4,6-Dinitro-2-methylphenol	UG/KG	830 U	1200 U	ND	ND		0/14
N-nitrosodiphenylamine	UG/KG	340 U	510 U	ND	ND		0/14
4-Bromophenyl-phenylether	UG/KG	340 U	510 U	ND	ND		0/14
Hexachlorobenzene	UG/KG	340 U	510 U	ND	ND		0/14
Pentachlorophenol	UG/KG	830 U	1200 U	ND	ND		0/14
Phenanthrene	UG/KG	340 U	510 U	ND	ND		0/14
Anthracene	UG/KG	340 U	510 U	ND	ND		0/14
Carbazole	UG/KG	340 U	510 U	ND	ND		0/14
di-n-Butylphthalate	UG/KG	340 U	510 U	ND	ND		0/14
Fluoranthene	UG/KG	340 U	510 U	ND	ND		0/14
Pyrene	UG/KG	340 U	510 U	ND	ND		0/14
Butyl benzyl phthalate	UG/KG	340 U	510 U	ND	ND		0/14
3,3'-Dichlorobenzidine	UG/KG	340 U	510 U	ND	ND		0/14
Benzo[a]anthracene	UG/KG	340 U	510 U	ND	ND		0/14
Chrysene	UG/KG	340 U	510 U	ND	ND		0/14
bis(2-Ethylhexyl)phthalate	UG/KG	360 U	430 U	39 J	910	1-GW16DW-00	10/14
di-n-Octylphthalate	UG/KG	340 U	510 U	ND	ND		0/14
Benzo[b]fluoranthene	UG/KG	340 U	510 U	ND	ND		0/14
Benzo[k]fluoranthene	UG/KG	340 U	510 U	ND	ND		0/14
Benzo[a]pyrene	UG/KG	340 U	510 U	ND	ND		0/14
Indeno[1,2,3-cd]pyrene	UG/KG	340 U	510 U	ND	ND		0/14
Dibenz[a,h]anthracene	UG/KG	340 U	510 U	ND	ND		0/14
Benzo[g,h,i]perylene	UG/KG	340 U	510 U	ND	ND		0/14

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
PESTICIDES/PCBs							
alpha-BHC	UG/KG	0.18 U	2.6 UJ	2.1 R	2.2 R	1-GW12-00	2/14
beta-BHC	UG/KG	1.8 UJ	2.6 UJ	2.1 R	2.2 R	1-GW12-00	2/14
delta-BHC	UG/KG	1.8 UJ	2.6 UJ	2.1 R	2.2 R	1-GW12-00	2/14
Lindane (gamma-BHC)	UG/KG	1.8 UJ	2.6 UJ	2.1 R	2.2 R	1-GW12-00	2/14
Heptachlor	UG/KG	1.8 UJ	2.6 UJ	2.1 R	2.2 R	1-GW12-00	2/14
Aldrin	UG/KG	1.8 UJ	2.6 UJ	2.1 R	2.2 R	1-GW12-00	2/14
Heptachlor epoxide	UG/KG	1.8 UJ	2.6 UJ	2.1 R	2.2 R	1-GW12-00	2/14
Endosulfan I	UG/KG	1.8 UJ	2.6 UJ	2.1 R	2.2 R	1-GW12-00	2/14
Dieldrin	UG/KG	1.9 U	5.1 UJ	4.3 J	4.3 J	1-GW17-00	1/14
4,4'-DDE	UG/KG	3.6 UJ	5.1 UJ	2.2 J	4.9	1-GW17-00	2/14
Endrin	UG/KG	3.4 U	5.1 UJ	ND	ND		0/14
Endosulfan II	UG/KG	3.4 U	5.1 UJ	ND	ND		0/14
4,4'-DDD	UG/KG	3.4 U	5.1 UJ	ND	ND		0/14
Endosulfan sulfate	UG/KG	3.4 U	5.1 UJ	ND	ND		0/14
4,4'-DDT	UG/KG	3.6 UJ	5.1 UJ	7	12	1-GW12-00	3/14
Methoxychlor	UG/KG	3.7 U	26 UJ	21 R	22 R	1-GW12-00	2/14
Endrin ketone	UG/KG	3.4 U	19 U	ND	ND		0/14
Endrin aldehyde	UG/KG	3.4 U	5.1 UJ	3.9 NJ	3.9 NJ	1-GW17DW-00	1/14
alpha-Chlordane	UG/KG	1.8 UJ	3.7 U	ND	ND		0/14
gamma-Chlordane	UG/KG	1.8 UJ	2.6 UJ	ND	ND		0/14
Toxaphene	UG/KG	1.9 U	260 UJ	210 R	220 R	1-GW12-00	2/14
Aroclor 1016	UG/KG	34 U	190 U	ND	ND		0/14
Aroclor 1221	UG/KG	37 U	100 UJ	ND	ND		0/14
Aroclor 1232	UG/KG	34 U	74 U	ND	ND		0/14
Aroclor 1242	UG/KG	34 U	51 UJ	ND	ND		0/14
Aroclor 1248	UG/KG	34 U	51 UJ	ND	ND		0/14
Aroclor 1254	UG/KG	34 U	51 UJ	ND	ND		0/14
Aroclor 1260	UG/KG	34 U	51 UJ	ND	ND		0/14

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB19-00	1-N-SB20-00	1-N-SB29-00	1-N-SB30-00	1-GW07-00	1-GW08-00	1-GW09-00	1-GW10-00
Laboratory Sample ID:		940225-09	940260-01	940225-10	940225-11	940289-26	940302-01	940289-09	940289-29
Date Sampled:		3/28/94	3/29/94	3/28/94	3/29/94	4/12/94	4/12/94	4/10/94	4/11/94
	UNITS								
Aluminum	MG/KG	2170	2930	2010	1820	4490	2780	310	1050
Antimony	MG/KG	9.4 J	7.8 UJ	7.9 UJ	9.0 J	6.6 U	7.3 U	6.5 U	6.3 U
Arsenic	MG/KG	0.62 U	0.69 U	2.0	0.62 U	1.8	0.62 U	0.57 U	0.55 U
Barium	MG/KG	7.0	6.3	6.4	6.1	11.0	10.3	1.6	2.7
Beryllium	MG/KG	0.21 U	0.23 U	0.23 U	0.21 U	0.19	0.21 U	0.19 U	0.18 U
Cadmium	MG/KG	0.62 U	0.69 U	0.70 U	0.62 U	0.58 U	1.2	0.57 U	0.55 U
Calcium	MG/KG	3120	24600 J	15600 J	11500 J	416	12900	128	47.5
Chromium	MG/KG	4.4	4.2 J	4.6	4.3	6.4	2.7	1.3 U	1.5
Cobalt	MG/KG	0.82 U	0.92 UJ	0.93 U	0.83 U	0.78 U	0.82 U	0.76 U	0.74 U
Copper	MG/KG	1.5 U	1.4 U	1.5 U	2.1 U	1.6	2.5	1.1 U	1.8
Iron	MG/KG	1120	1330	1370	966	3060	1570	226	399
Lead	MG/KG	13.9	6.4 J	6.9	5.9	4.9	19.4	1.0	4.3
Magnesium	MG/KG	112	452	280	244	165	306	11.6	27.0
Manganese	MG/KG	5.8	7.1 J	5.2	5.5	12.4	16.4	4.9	9.1
Mercury	MG/KG	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U	0.04 U
Nickel	MG/KG	1.4 U	1.6 U	1.8 U	1.4 U	1.4 UJ	1.4 U	1.3 UJ	1.3 UJ
Potassium	MG/KG	99.5 U	122 J	99.2 U	102 U	143 J	66.8 J	18.8 U	31.1 U
Selenium	MG/KG	0.82 UJ	0.92 UJ	0.93 UJ	0.83 UJ	0.78 U	0.82 U	0.76 U	0.74 U
Silver	MG/KG	2.1 UJ	1.2 UJ	1.2 UJ	1.0 UJ	0.97 UJ	1.0 UJ	0.95 UJ	0.92 UJ
Sodium	MG/KG	21.2 U	73.7 U	49.2 U	44.9 U	14.7 U	40.5 U	10.6 U	10.8 U
Thallium	MG/KG	0.82 U	0.92 U	0.93 U	0.83 U	0.78 U	0.82 U	0.76 UJ	0.74 U
Vanadium	MG/KG	4.6	5.2	7.5	3.5	8.5	4.2	1.0	1.8
Zinc	MG/KG	16.5 J	7.0 UJ	8.0 J	7.3 J	5.0	26.9	1.3 U	3.5

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-GW11-00	1-GW12-00	1-GW16DW-00	1-GW16-00	1-GW17DW-00	1-GW17-00
Laboratory Sample ID:		940289-11	940289-13	940369-01	940302-04	940389-01	940320-01
Date Sampled:		4/10/94	4/10/94	5/2/94	4/13/94	5/5/94	4/19/94
	UNITS						
Aluminum	MG/KG	2230	2140	2510	2670	4100	1850
Antimony	MG/KG	11.9	6.6 U	6.0 U	6.8 U	5.5 UJ	7.2 UJ
Arsenic	MG/KG	0.55 U	0.58 U	0.57	0.73	0.90	1.2
Barium	MG/KG	5.5	3.4	9.4	9.9	10.6	6.7
Beryllium	MG/KG	0.18 U	0.19 U	0.18 U	0.20 U	0.16 U	0.21 U
Cadmium	MG/KG	0.55 U	0.58 U	0.62	2.0	0.49 U	0.63 U
Calcium	MG/KG	676	30.1 U	8120	5480	25100 J	40900 J
Chromium	MG/KG	3.5	2.8	5.9	5.7	5.1	5.9
Cobalt	MG/KG	0.73 U	0.77 U	0.70 U	0.80 U	1.0 U	0.84 U
Copper	MG/KG	1.1 U	1.2 U	3.4	4.9	1.0 U	2.7
Iron	MG/KG	956	681	1610	1620	1900	1160
Lead	MG/KG	4.7	2.1	22.5	23.5	5.2	11.4
Magnesium	MG/KG	72.0	24.8	197	171	489	556
Manganese	MG/KG	5.5	3.1	7.4	8.9	9.6	11.4
Mercury	MG/KG	0.05 U	0.05 U	0.05 U	0.05 U	0.04 U	0.05 U
Nickel	MG/KG	1.3 UJ	1.4 UJ	2.0	1.4 U	1.6	3.0
Potassium	MG/KG	41.8 U	19.2 U	66.6 J	101 J	151 J	106 J
Selenium	MG/KG	0.73 U	0.77 U	0.70 U	0.80 U	0.65 UJ	0.84 UJ
Silver	MG/KG	0.92 UJ	0.97 UJ	0.88 UJ	1.0 UJ	0.81 UJ	1.1 UJ
Sodium	MG/KG	16.3 U	12.6 U	40.3	41.4 U	57.1 U	138
Thallium	MG/KG	0.73 UJ	0.77 UJ	0.70 U	0.80 U	0.65 U	0.84 U
Vanadium	MG/KG	3.9	2.6	4.2	4.6	5.6	2.7
Zinc	MG/KG	3.1 U	2.4 U	12.2	25.2	5.9 U	12.0

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
	UNITS						
Aluminum	MG/KG	NA	NA	NA	NA	NA	14/14
Antimony	MG/KG	5.5 UJ	8.6 UJ	NA	NA	NA	3/14
Arsenic	MG/KG	0.55 U	0.69 U	NA	NA	NA	6/14
Barium	MG/KG	NA	NA	NA	NA	NA	14/14
Beryllium	MG/KG	0.16 U	0.25 U	NA	NA	NA	1/14
Cadmium	MG/KG	0.49 U	0.7 U	NA	NA	NA	3/14
Calcium	MG/KG	30.1 U	30.1 U	NA	NA	NA	13/14
Chromium	MG/KG	1.3 U	1.3 U	NA	NA	NA	13/14
Cobalt	MG/KG	0.7 U	1.8 U	ND	ND		0/14
Copper	MG/KG	1 U	6.1 U	NA	NA	NA	6/14
Iron	MG/KG	NA	NA	NA	NA	NA	14/14
Lead	MG/KG	NA	NA	NA	NA	NA	14/14
Magnesium	MG/KG	NA	NA	NA	NA	NA	14/14
Manganese	MG/KG	NA	NA	NA	NA	NA	14/14
Mercury	MG/KG	0.04 U	0.06 U	ND	ND		0/14
Nickel	MG/KG	1.3 UJ	5.3 U	NA	NA	NA	3/14
Potassium	MG/KG	18.8 U	112 U	NA	NA	NA	7/14
Selenium	MG/KG	0.65 UJ	1 UJ	ND	ND		0/14
Silver	MG/KG	0.81 UJ	2.1 UJ	ND	ND		0/14
Sodium	MG/KG	10.6 U	73.7 U	NA	NA	NA	2/14
Thallium	MG/KG	0.65 U	1 U	ND	ND		0/14
Vanadium	MG/KG	NA	NA	NA	NA	NA	14/14
Zinc	MG/KG	1.3 U	7 UJ	NA	NA	NA	9/14

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB01-01	1-S-SB01-04	1-S-SB01-08	1-S-SB02-01	1-S-SB02-04	1-S-SB02-07
Laboratory Sample ID:		940261-01	940259-04	940259-05	940272-16	940272-17	940272-18
Date Sampled:		3/29/94	3/29/94	3/29/94	4/6/94	4/6/94	4/6/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Bromomethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Vinyl chloride	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Chloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Methylene chloride	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Acetone	UG/KG	11 U	11 U	11 U	11 U	21 U	11 U
Carbon Disulfide	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,1-Dichloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,1-Dichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloroethene(total)	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Chloroform	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
2-Butanone	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,1,1-Trichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Carbon tetrachloride	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Bromodichloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloropropane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Trichloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Dibromochloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Benzene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
trans-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Bromoform	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
2-Hexanone	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Tetrachloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Toluene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Chlorobenzene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Ethylbenzene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Styrene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Xylenes (total)	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB01-01	1-S-SB01-04	1-S-SB01-08	1-S-SB02-01	1-S-SB02-04	1-S-SB02-07
Laboratory Sample ID:		940261-01	940259-04	940259-05	940272-16	940272-17	940272-18
Date Sampled:		3/29/94	3/29/94	3/29/94	4/6/94	4/6/94	4/6/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
bis(2-Chloroethyl) ether	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
2-Chlorophenol	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
1,3-Dichlorobenzene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
1,4-Dichlorobenzene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
1,2-Dichlorobenzene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
2-Methylphenol	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
2,2'-oxybis-(1-chloropropane)	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
4-Methylphenol	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
N-Nitroso-di-n-propylamine	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Hexachloroethane	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Nitrobenzene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Isophorone	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
2-Nitrophenol	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
2,4-Dimethylphenol	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
bis(2-Chloroethoxy) methane	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
2,4-Dichlorophenol	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
1,2,4-Trichlorobenzene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Naphthalene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
4-Chloroaniline	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Hexachlorobutadiene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
4-Chloro-3-methylphenol	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
2-Methylnaphthalene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Hexachlorocyclopentadiene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
2,4,6-Trichlorophenol	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
2,4,5-Trichlorophenol	UG/KG	800 U	930 U	930 U	850 U	1000 U	980 U
2-Chloronaphthalene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
2-Nitroaniline	UG/KG	800 U	930 U	930 U	850 U	1000 U	980 U
Dimethyl phthalate	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Acenaphthylene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
2,6-Dinitrotoluene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
3-Nitroaniline	UG/KG	800 U	930 U	930 U	850 U	1000 U	980 U
Acenaphthene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB01-01	1-S-SB01-04	1-S-SB01-08	1-S-SB02-01	1-S-SB02-04	1-S-SB02-07
Laboratory Sample ID:		940261-01	940259-04	940259-05	940272-16	940272-17	940272-18
Date Sampled:		3/29/94	3/29/94	3/29/94	4/6/94	4/6/94	4/6/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	800 U	930 U	930 U	850 U	1000 U	980 U
4-Nitrophenol	UG/KG	800 U	930 UJ	930	850 U	1000 U	980 U
Dibenzofuran	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
2,4-Dinitrotoluene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Diethylphthalate	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
4-Chlorophenyl phenyl ether	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Fluorene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
4-Nitroaniline	UG/KG	800 U	930 U	930 U	850 U	1000 U	980 U
4,6-Dinitro-2-methylphenol	UG/KG	800 U	930 U	930 U	850 U	1000 U	980 U
N-nitrosodiphenylamine	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
4-Bromophenyl-phenylether	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Hexachlorobenzene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Pentachlorophenol	UG/KG	800 U	930 U	930 U	850 U	1000 U	400 U
Phenanthrene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Anthracene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Carbazole	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
di-n-Butylphthalate	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Fluoranthene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Pyrene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Butyl benzyl phthalate	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
3,3'-Dichlorobenzidine	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Benzo[a]anthracene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Chrysene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
bis(2-Ethylhexyl)phthalate	UG/KG	2000	380 U	1000	350 U	800	1800
di-n-Octylphthalate	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Benzo[b]fluoranthene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Benzo[k]fluoranthene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Benzo[a]pyrene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Indeno[1,2,3-cd]pyrene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Dibenz[a,h]anthracene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U
Benzo[g,h,i]perylene	UG/KG	330 U	380 U	380 U	350 U	430 U	400 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB01-01	1-S-SB01-04	1-S-SB01-08	1-S-SB02-01	1-S-SB02-04	1-S-SB02-07
Laboratory Sample ID:		940261-01	940259-04	940259-05	940272-16	940272-17	940272-18
Date Sampled:		3/29/94	3/29/94	3/29/94	4/6/94	4/6/94	4/6/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.9 UJ	2.0 U	2.0 R	1.8 UJ	2.2 U	2.1 U
beta-BHC	UG/KG	1.9 UJ	2.0 U	2.0 R	1.8 UJ	2.2 U	2.1 U
delta-BHC	UG/KG	1.9 UJ	2.0 U	2.0 R	1.8 UJ	2.2 U	2.1 U
Lindane (gamma-BHC)	UG/KG	1.9 UJ	2.0 U	2.0 R	1.8 UJ	2.2 U	2.1 U
Heptachlor	UG/KG	1.9 UJ	2.0 U	2.0 R	1.8 UJ	2.2 U	2.1 U
Aldrin	UG/KG	1.9 UJ	2.0 U	2.0 R	1.8 UJ	2.2 U	2.1 U
Heptachlor epoxide	UG/KG	1.9 UJ	2.0 U	2.0 R	1.8 UJ	2.2 U	2.1 U
Endosulfan I	UG/KG	1.9 UJ	2.0 U	2.0 R	1.8 UJ	2.2 U	2.1 U
Dieldrin	UG/KG	3.6 UJ	3.8 U	3.8 R	3.5 UJ	4.3 U	4.0 U
4,4'-DDE	UG/KG	3.6 UJ	3.8 U	3.8 R	3.5 UJ	4.3 U	4.0 U
Endrin	UG/KG	3.6 UJ	3.8 U	3.8 R	3.5 UJ	4.3 U	4.0 U
Endosulfan II	UG/KG	3.6 UJ	3.8 U	3.8 R	3.5 UJ	4.3 U	4.0 U
4,4'-DDD	UG/KG	3.6 UJ	3.8 U	3.8 R	3.5 UJ	4.3 U	4.0 U
Endosulfan sulfate	UG/KG	3.6 UJ	3.8 U	3.8 R	3.5 UJ	4.3 U	4.0 U
4,4'-DDT	UG/KG	3.6 UJ	3.8 U	3.8 R	3.5 UJ	4.3 U	4.0 U
Methoxychlor	UG/KG	19 UJ	20 U	20 R	18 UJ	22.0 U	21 U
Endrin ketone	UG/KG	3.6 UJ	3.8 U	3.8 R	3.5 UJ	4.3 U	4.0 U
Endrin aldehyde	UG/KG	3.6 UJ	3.8 U	3.8 R	3.5 UJ	4.3 U	4.0 U
alpha-Chlordane	UG/KG	1.9 UJ	2.0 U	2.0 R	1.8 UJ	2.2 U	2.1 U
gamma-Chlordane	UG/KG	1.9 UJ	2.0 U	2.0 R	1.8 UJ	2.2 U	2.1 U
Toxaphene	UG/KG	190 UJ	200 U	200 R	180 UJ	220 U	210 U
Aroclor 1016	UG/KG	36 UJ	38 U	38 R	35 UJ	43 U	40 U
Aroclor 1221	UG/KG	74 UJ	78 U	78 R	71 UJ	87 U	82 U
Aroclor 1232	UG/KG	36 UJ	38 U	38 R	35 UJ	43 U	40 U
Aroclor 1242	UG/KG	36 UJ	38 U	38 R	35 UJ	43 U	40 U
Aroclor 1248	UG/KG	36 UJ	38 U	38 R	35 UJ	43 U	40 U
Aroclor 1254	UG/KG	36 UJ	38 U	38 R	35 UJ	43 U	40 U
Aroclor 1260	UG/KG	36 UJ	38 U	38 R	35 UJ	43 U	40 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB03-01	1-S-SB03-03	1-S-SB03-06	1-S-SB04-01	1-S-SB04-04	1-S-SB04-06
Laboratory Sample ID:		940225-15	940259-06	940259-07	940272-19	940272-20	940280-01
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Bromomethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Vinyl chloride	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Chloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Methylene chloride	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Acetone	UG/KG	11 UJ	11 U	11 U	60 U	11 U	11 U
Carbon Disulfide	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,1-Dichloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,1-Dichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloroethene(total)	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Chloroform	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
2-Butanone	UG/KG	11 UJ	11 U	11 U	11 U	11 U	11 U
1,1,1-Trichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Carbon tetrachloride	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Bromodichloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloropropane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Trichloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Dibromochloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Benzene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
trans-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Bromoform	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
2-Hexanone	UG/KG	11 UJ	11 U	11 U	11 U	11 U	11 U
Tetrachloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Toluene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Chlorobenzene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Ethylbenzene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Styrene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Xylenes (total)	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB03-01	1-S-SB03-03	1-S-SB03-06	1-S-SB04-01	1-S-SB04-04	1-S-SB04-06
Laboratory Sample ID:		940225-15	940259-06	940259-07	940272-19	940272-20	940280-01
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
bis(2-Chloroethyl) ether	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
2-Chlorophenol	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
1,3-Dichlorobenzene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
1,4-Dichlorobenzene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
1,2-Dichlorobenzene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
2-Methylphenol	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
2,2'-oxybis-(1-chloropropane)	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
4-Methylphenol	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
N-Nitroso-di-n-propylamine	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Hexachloroethane	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Nitrobenzene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Isophorone	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
2-Nitrophenol	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
2,4-Dimethylphenol	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
bis(2-Chloroethoxy) methane	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
2,4-Dichlorophenol	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
1,2,4-Trichlorobenzene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Naphthalene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
4-Chloroaniline	UG/KG	370 U	370 U	390 U	380 U	390 UJ	360 U
Hexachlorobutadiene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
4-Chloro-3-methylphenol	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
2-Methylnaphthalene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Hexachlorocyclopentadiene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
2,4,6-Trichlorophenol	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
2,4,5-Trichlorophenol	UG/KG	890 U	910 U	940 U	930 U	950 U	880 U
2-Chloronaphthalene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
2-Nitroaniline	UG/KG	890 U	910 U	940 U	930 U	950 U	880 U
Dimethyl phthalate	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Acenaphthylene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
2,6-Dinitrotoluene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
3-Nitroaniline	UG/KG	890 U	910 U	940 U	930 U	950 U	880 U
Acenaphthene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB03-01	1-S-SB03-03	1-S-SB03-06	1-S-SB04-01	1-S-SB04-04	1-S-SB04-06
Laboratory Sample ID:		940225-15	940259-06	940259-07	940272-19	940272-20	940280-01
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	890 U	910 U	940 U	930 U	950 U	880 U
4-Nitrophenol	UG/KG	890 U	910 UJ	940 UJ	930 U	950 U	880 U
Dibenzofuran	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
2,4-Dinitrotoluene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Diethylphthalate	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
4-Chlorophenyl phenyl ether	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Fluorene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
4-Nitroaniline	UG/KG	890 U	910 U	940 U	930 U	950 U	880 UJ
4,6-Dinitro-2-methylphenol	UG/KG	890 U	910 U	940 U	930 U	950 U	880 U
N-nitrosodiphenylamine	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
4-Bromophenyl-phenylether	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Hexachlorobenzene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Pentachlorophenol	UG/KG	890 U	910 U	940 U	930 U	950 U	880 U
Phenanthrene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Anthracene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Carbazole	UG/KG	370 U	370 U	390 U	380 U	390 U	360 UJ
di-n-Butylphthalate	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Fluoranthene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Pyrene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Butyl benzyl phthalate	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
3,3'-Dichlorobenzidine	UG/KG	370 U	370 U	390 U	380 U	390 U	360 UJ
Benzo[a]anthracene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Chrysene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
bis(2-Ethylhexyl)phthalate	UG/KG	1400	370 U	390 U	380 U	390 U	360 U
di-n-Octylphthalate	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Benzo[b]fluoranthene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Benzo[k]fluoranthene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Benzo[a]pyrene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Indeno[1,2,3-cd]pyrene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Dibenz[a,h]anthracene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U
Benzo[g,h,i]perylene	UG/KG	370 U	370 U	390 U	380 U	390 U	360 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB03-01	1-S-SB03-03	1-S-SB03-06	1-S-SB04-01	1-S-SB04-04	1-S-SB04-06
Laboratory Sample ID:		940225-15	940259-06	940259-07	940272-19	940272-20	940280-01
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	2.0 UJ	2.0 UJ	1.9 UJ
beta-BHC	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	2.0 UJ	2.0 UJ	1.9 UJ
delta-BHC	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	2.0 UJ	2.0 UJ	1.9 UJ
Lindane (gamma-BHC)	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	2.0 UJ	2.0 UJ	1.9 UJ
Heptachlor	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	2.0 UJ	2.0 UJ	1.9 UJ
Aldrin	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	2.0 UJ	2.0 UJ	1.9 UJ
Heptachlor epoxide	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	2.0 UJ	2.0 UJ	1.9 UJ
Endosulfan I	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	2.0 UJ	2.0 UJ	1.9 UJ
Dieldrin	UG/KG	3.7 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.9 UJ	3.6 UJ
4,4'-DDE	UG/KG	3.7 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.9 UJ	3.6 UJ
Endrin	UG/KG	3.7 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.9 UJ	3.6 UJ
Endosulfan II	UG/KG	3.7 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.9 UJ	3.6 UJ
4,4'-DDD	UG/KG	3.7 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.9 UJ	3.6 UJ
Endosulfan sulfate	UG/KG	3.7 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.9 UJ	3.6 UJ
4,4'-DDT	UG/KG	3.7 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.9 UJ	3.6 UJ
Methoxychlor	UG/KG	19 UJ	19 UJ	20 UJ	20 UJ	20 UJ	19 UJ
Endrin ketone	UG/KG	3.7 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.9 UJ	3.6 UJ
Endrin aldehyde	UG/KG	3.7 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.9 UJ	3.6 UJ
alpha-Chlordane	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	2.0 UJ	2.0 UJ	1.9 UJ
gamma-Chlordane	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	2.0 UJ	2.0 UJ	1.9 UJ
Toxaphene	UG/KG	190 UJ	190 UJ	200 UJ	200 UJ	200 UJ	190 UJ
Aroclor 1016	UG/KG	37 UJ	37 UJ	39 UJ	38 UJ	39 UJ	36 UJ
Aroclor 1221	UG/KG	75 UJ	76 UJ	79 UJ	78 UJ	79 UJ	74 UJ
Aroclor 1232	UG/KG	37 UJ	37 UJ	39 UJ	38 UJ	39 UJ	36 UJ
Aroclor 1242	UG/KG	37 UJ	37 UJ	39 UJ	38 UJ	39 UJ	36 UJ
Aroclor 1248	UG/KG	37 UJ	37 UJ	39 UJ	38 UJ	39 UJ	36 UJ
Aroclor 1254	UG/KG	37 UJ	37 UJ	39 UJ	38 UJ	39 UJ	36 UJ
Aroclor 1260	UG/KG	37 UJ	37 UJ	39 UJ	38 UJ	39 UJ	36 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB05-01	1-S-SB05-04	1-S-SB05-08	1-S-SB06-01	1-S-SB06-04	1-S-SB06-08
Laboratory Sample ID:		940225-16	940259-08	940259-09	940272-03	940271-03	940271-04
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Bromomethane	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Vinyl chloride	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Chloroethane	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Methylene chloride	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Acetone	UG/KG	110 UJ	12 U	11 U	12 U	11 U	11 U
Carbon Disulfide	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
1,1-Dichloroethene	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
1,1-Dichloroethane	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
1,2-Dichloroethene(total)	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Chloroform	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
1,2-Dichloroethane	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
2-Butanone	UG/KG	11 UJ	12 U	11 U	12 U	11 U	11 U
1,1,1-Trichloroethane	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Carbon tetrachloride	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Bromodichloromethane	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
1,2-Dichloropropane	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
cis-1,3-Dichloropropene	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Trichloroethene	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Dibromochloromethane	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Benzene	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
trans-1,3-Dichloropropene	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Bromoform	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
2-Hexanone	UG/KG	11 UJ	12 U	11 U	12 U	11 U	11 U
Tetrachloroethene	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Toluene	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Chlorobenzene	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Ethylbenzene	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Styrene	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U
Xylenes (total)	UG/KG	11 U	12 U	11 U	12 U	11 U	11 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB05-01	1-S-SB05-04	1-S-SB05-08	1-S-SB06-01	1-S-SB06-04	1-S-SB06-08
Laboratory Sample ID:		940225-16	940259-08	940259-09	940272-03	940271-03	940271-04
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
bis(2-Chloroethyl) ether	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
2-Chlorophenol	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
1,3-Dichlorobenzene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
1,4-Dichlorobenzene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
1,2-Dichlorobenzene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
2-Methylphenol	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
2,2'-oxybis-(1-chloropropane)	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
4-Methylphenol	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
N-Nitroso-di-n-propylamine	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Hexachloroethane	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Nitrobenzene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Isophorone	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
2-Nitrophenol	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
2,4-Dimethylphenol	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
bis(2-Chloroethoxy) methane	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
2,4-Dichlorophenol	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
1,2,4-Trichlorobenzene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Naphthalene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
4-Chloroaniline	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Hexachlorobutadiene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
4-Chloro-3-methylphenol	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
2-Methylnaphthalene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Hexachlorocyclopentadiene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
2,4,6-Trichlorophenol	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
2,4,5-Trichlorophenol	UG/KG	880 U	870 U	940 U	940 U	900 U	860 U
2-Chloronaphthalene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
2-Nitroaniline	UG/KG	880 U	870 U	940 U	940 U	890 U	860 U
Dimethyl phthalate	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Acenaphthylene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
2,6-Dinitrotoluene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
3-Nitroaniline	UG/KG	880 U	870 U	940 U	940 U	900 U	860 U
Acenaphthene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB05-01	1-S-SB05-04	1-S-SB05-08	1-S-SB06-01	1-S-SB06-04	1-S-SB06-08
Laboratory Sample ID:		940225-16	940259-08	940259-09	940272-03	940271-03	940271-04
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	880 U	870 U	940 U	940 U	900 U	860 U
4-Nitrophenol	UG/KG	880 U	870 UJ	940 U	940 U	900 U	860 U
Dibenzofuran	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
2,4-Dinitrotoluene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Diethylphthalate	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
4-Chlorophenyl phenyl ether	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Fluorene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
4-Nitroaniline	UG/KG	880 U	870 U	940 U	940 U	900 U	860 U
4,6-Dinitro-2-methylphenol	UG/KG	880 U	870 U	940 U	940 U	900 U	860 U
N-nitrosodiphenylamine	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
4-Bromophenyl-phenylether	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Hexachlorobenzene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Pentachlorophenol	UG/KG	880 U	870 U	940 U	940 U	900 U	860 U
Phenanthrene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Anthracene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Carbazole	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
di-n-Butylphthalate	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Fluoranthene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Pyrene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Butyl benzyl phthalate	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
3,3'-Dichlorobenzidine	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Benzo[a]anthracene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Chrysene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
bis(2-Ethylhexyl)phthalate	UG/KG	1200	360 U	390 U	390 U	370 U	360 U
di-n-Octylphthalate	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Benzo[b]fluoranthene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Benzo[k]fluoranthene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Benzo[a]pyrene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Indeno[1,2,3-cd]pyrene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Dibenz[a,h]anthracene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U
Benzo[g,h,i]perylene	UG/KG	360 U	360 U	390 U	390 U	370 U	360 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB05-01	1-S-SB05-04	1-S-SB05-08	1-S-SB06-01	1-S-SB06-04	1-S-SB06-08
Laboratory Sample ID:		940225-16	940259-08	940259-09	940272-03	940271-03	940271-04
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	2.0 U	1.9 U	1.8 U
beta-BHC	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	2.0 U	1.9 U	1.8 U
delta-BHC	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	2.0 U	1.9 U	1.8 U
Lindane (gamma-BHC)	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	2.0 U	1.9 U	1.8 U
Heptachlor	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	2.0 U	1.9 U	1.8 U
Aldrin	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	2.0 U	1.9 U	1.8 U
Heptachlor epoxide	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	2.0 U	1.9 U	1.8 U
Endosulfan I	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	2.0 U	1.9 U	1.8 U
Dieldrin	UG/KG	3.6 UJ	3.6 UJ	3.9 UJ	3.9 U	3.7 U	3.6 U
4,4'-DDE	UG/KG	3.6 UJ	3.6 UJ	3.9 UJ	3.9 U	3.7 U	3.6 U
Endrin	UG/KG	3.6 UJ	3.6 UJ	3.9 UJ	3.9 U	3.7 U	3.6 U
Endosulfan II	UG/KG	3.6 UJ	3.6 UJ	3.9 UJ	3.9 U	3.7 U	3.6 U
4,4'-DDD	UG/KG	3.6 UJ	3.6 UJ	3.9 UJ	3.9 U	3.7 U	3.6 U
Endosulfan sulfate	UG/KG	3.6 UJ	3.6 UJ	3.9 UJ	3.9 U	3.7 U	3.6 U
4,4'-DDT	UG/KG	3.6 UJ	3.6 UJ	3.9 UJ	3.9 U	3.7 U	3.6 U
Methoxychlor	UG/KG	19 UJ	18 UJ	20 UJ	20 U	19 U	18 U
Endrin ketone	UG/KG	3.6 UJ	3.6 UJ	3.9 UJ	3.9 U	3.7 U	3.6 U
Endrin aldehyde	UG/KG	3.6 UJ	3.6 UJ	3.9 UJ	3.9 U	3.7 U	3.6 U
alpha-Chlordane	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	2.0 U	1.9 U	1.8 U
gamma-Chlordane	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	2.0 U	1.9 U	1.8 U
Toxaphene	UG/KG	190 UJ	180 UJ	200 UJ	200 U	190 U	180 U
Aroclor 1016	UG/KG	36 UJ	36 UJ	39 UJ	39 U	37 U	36 U
Aroclor 1221	UG/KG	73 UJ	73 U	79 UJ	79 U	75 U	72 U
Aroclor 1232	UG/KG	36 UJ	36 U	39 UJ	39 U	37 U	36 U
Aroclor 1242	UG/KG	36 UJ	36 U	39 UJ	39 U	37 U	36 U
Aroclor 1248	UG/KG	36 UJ	36 U	39 UJ	39 U	37 U	36 U
Aroclor 1254	UG/KG	36 UJ	36 U	39 UJ	39 U	37 U	36 U
Aroclor 1260	UG/KG	36 UJ	36 U	39 UJ	39 U	37 U	36 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB07-01	1-S-SB07-04	1-S-SB07-07	1-S-SB08-01	1-S-SB08-04	1-S-SB08-07
Laboratory Sample ID:		940225-17	940259-10	940259-11	940280-02	940280-04	940280-05
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Bromomethane	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Vinyl chloride	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Chloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Methylene chloride	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Acetone	UG/KG	490 J	11 U	11 U	30	11 U	12 U
Carbon Disulfide	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
1,1-Dichloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
1,1-Dichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
1,2-Dichloroethene(total)	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Chloroform	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
1,2-Dichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
2-Butanone	UG/KG	11 UJ	11 U	11 U	11 U	11 U	12 U
1,1,1-Trichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Carbon tetrachloride	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Bromodichloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
1,2-Dichloropropane	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
cis-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Trichloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Dibromochloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
1,1,2-Trichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Benzene	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
trans-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Bromoform	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
4-Methyl-2-pentanone	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
2-Hexanone	UG/KG	11 UJ	11 U	11 U	11 U	11 U	12 U
Tetrachloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Toluene	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Chlorobenzene	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Ethylbenzene	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Styrene	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U
Xylenes (total)	UG/KG	11 U	11 U	11 U	11 U	11 U	12 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB07-01	1-S-SB07-04	1-S-SB07-07	1-S-SB08-01	1-S-SB08-04	1-S-SB08-07
Laboratory Sample ID:		940225-17	940259-10	940259-11	940280-02	940280-04	940280-05
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
bis(2-Chloroethyl) ether	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
2-Chlorophenol	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
1,3-Dichlorobenzene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
1,4-Dichlorobenzene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
1,2-Dichlorobenzene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
2-Methylphenol	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
2,2'-oxybis-(1-chloropropane)	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
4-Methylphenol	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
N-Nitroso-di-n-propylamine	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Hexachloroethane	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Nitrobenzene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Isophorone	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
2-Nitrophenol	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
2,4-Dimethylphenol	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
bis(2-Chloroethoxy) methane	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
2,4-Dichlorophenol	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
1,2,4-Trichlorobenzene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Naphthalene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
4-Chloroaniline	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Hexachlorobutadiene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
4-Chloro-3-methylphenol	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
2-Methylnaphthalene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Hexachlorocyclopentadiene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
2,4,6-Trichlorophenol	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
2,4,5-Trichlorophenol	UG/KG	860 U	950 U	920 U	930 U	950 U	820 U
2-Chloronaphthalene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
2-Nitroaniline	UG/KG	860 U	950 U	920 U	930 U	950 U	820 U
Dimethyl phthalate	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Acenaphthylene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
2,6-Dinitrotoluene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
3-Nitroaniline	UG/KG	860 U	950 U	920 U	930 U	950 U	820 U
Acenaphthene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB07-01	1-S-SB07-04	1-S-SB07-07	1-S-SB08-01	1-S-SB08-04	1-S-SB08-07
Laboratory Sample ID:		940225-17	940259-10	940259-11	940280-02	940280-04	940280-05
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	860 U	950 U	920 U	930 U	950 U	820 U
4-Nitrophenol	UG/KG	860 U	950 UJ	920 UJ	930 U	950 U	820 U
Dibenzofuran	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
2,4-Dinitrotoluene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Diethylphthalate	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
4-Chlorophenyl phenyl ether	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Fluorene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
4-Nitroaniline	UG/KG	860 U	950 U	920 U	930 UJ	950 UJ	820 UJ
4,6-Dinitro-2-methylphenol	UG/KG	860 U	950 U	920 U	930 U	950 U	820 U
N-nitrosodiphenylamine	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
4-Bromophenyl-phenylether	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Hexachlorobenzene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Pentachlorophenol	UG/KG	860 U	950 U	920 U	930 U	950 U	820 U
Phenanthrene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Anthracene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Carbazole	UG/KG	360 U	390 U	380 U	380 UJ	390 UJ	340 UJ
di-n-Butylphthalate	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Fluoranthene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Pyrene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Butyl benzyl phthalate	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
3,3'-Dichlorobenzidine	UG/KG	360 U	390 U	380 U	380 UJ	390 UJ	340 UJ
Benzo[a]anthracene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
Chrysene	UG/KG	360 U	390 U	380 U	380 U	390 U	340 U
bis(2-Ethylhexyl)phthalate	UG/KG	69 J	460	380 U	710	390	92 J
di-n-Octylphthalate	UG/KG	360 U	390 U	380 U	380 U	390 UJ	390 UJ
Benzo[b]fluoranthene	UG/KG	360 U	390 U	380 U	380 U	390 UJ	390 UJ
Benzo[k]fluoranthene	UG/KG	360 U	390 U	380 U	380 U	390 UJ	390 UJ
Benzo[a]pyrene	UG/KG	360 U	390 U	380 U	380 U	390 UJ	390 UJ
Indeno[1,2,3-cd]pyrene	UG/KG	360 U	390 U	380 U	380 U	390 UJ	390 UJ
Dibenz[a,h]anthracene	UG/KG	360 U	390 U	380 U	380 U	390 UJ	390 UJ
Benzo[g,h,i]perylene	UG/KG	360 U	390 U	380 U	380 U	390 UJ	390 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB07-01	1-S-SB07-04	1-S-SB07-07	1-S-SB08-01	1-S-SB08-04	1-S-SB08-07
Laboratory Sample ID:		940225-17	940259-10	940259-11	940280-02	940280-04	940280-05
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
PESTICIDE/PCBs	UNITS						
alpha-BHC	UG/KG	1.8 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	1.7 UJ
beta-BHC	UG/KG	1.8 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	1.7 UJ
delta-BHC	UG/KG	1.8 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	1.7 UJ
Lindane (gamma-BHC)	UG/KG	1.8 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	1.7 UJ
Heptachlor	UG/KG	1.8 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	1.7 UJ
Aldrin	UG/KG	1.8 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	1.7 UJ
Heptachlor epoxide	UG/KG	1.8 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	1.7 UJ
Endosulfan I	UG/KG	1.8 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	1.7 UJ
Dieldrin	UG/KG	3.6 UJ	3.9 UJ	3.8 U	3.8 UJ	3.9 UJ	3.4 UJ
4,4'-DDE	UG/KG	3.6 UJ	3.9 UJ	3.8 U	3.8 UJ	3.9 UJ	3.4 UJ
Endrin	UG/KG	3.6 UJ	3.9 UJ	3.8 U	3.8 UJ	3.9 UJ	3.4 UJ
Endosulfan II	UG/KG	3.6 UJ	3.9 UJ	3.8 U	3.8 UJ	3.9 UJ	3.4 UJ
4,4'-DDD	UG/KG	3.6 UJ	3.9 UJ	3.8 U	3.8 UJ	3.9 UJ	3.4 UJ
Endosulfan sulfate	UG/KG	3.6 UJ	3.9 UJ	3.8 U	3.8 UJ	3.9 UJ	3.4 UJ
4,4'-DDT	UG/KG	3.6 UJ	3.9 UJ	3.8 U	1.6 J	3.9 UJ	3.4 UJ
Methoxychlor	UG/KG	18 UJ	20 UJ	20 U	20 UJ	20 UJ	17 UJ
Endrin ketone	UG/KG	3.6 UJ	3.9 UJ	3.8 U	3.8 UJ	3.9 UJ	3.4 UJ
Endrin aldehyde	UG/KG	3.6 UJ	3.9 UJ	3.8 U	3.8 UJ	3.9 UJ	3.4 UJ
alpha-Chlordane	UG/KG	1.8 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	1.7 UJ
gamma-Chlordane	UG/KG	1.8 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	1.7 UJ
Toxaphene	UG/KG	180 UJ	200 UJ	200 U	200 UJ	200 UJ	170 UJ
Aroclor 1016	UG/KG	36 UJ	39 UJ	38 U	38 UJ	39 UJ	34 UJ
Aroclor 1221	UG/KG	72 UJ	80 UJ	77 U	78 UJ	80 UJ	69 UJ
Aroclor 1232	UG/KG	36 UJ	39 UJ	38 U	38 UJ	34 UJ	39 UJ
Aroclor 1242	UG/KG	36 UJ	39 UJ	38 U	38 UJ	34 UJ	39 UJ
Aroclor 1248	UG/KG	36 UJ	39 UJ	38 U	38 UJ	34 UJ	39 UJ
Aroclor 1254	UG/KG	36 UJ	39 UJ	38 U	38 UJ	34 UJ	39 UJ
Aroclor 1260	UG/KG	36 UJ	39 UJ	38 U	38 UJ	34 UJ	39 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB09-01	1-S-SB09-04	1-S-SB09-07	1-S-SB10-01	1-S-SB10-04	1-S-SB10-08
Laboratory Sample ID:		940280-07	940280-08	940280-09	940261-02	940259-12	940259-13
Date Sampled:		4/5/94	4/5/94	4/5/94	3/29/94	3/29/94	3/29/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Bromomethane	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Vinyl chloride	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Chloroethane	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Methylene chloride	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Acetone	UG/KG	57	12 U	11 U	11 U	11 U	12 UJ
Carbon Disulfide	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
1,1-Dichloroethene	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
1,1-Dichloroethane	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
1,2-Dichloroethene(total)	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Chloroform	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
1,2-Dichloroethane	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
2-Butanone	UG/KG	11 U	12 U	11 U	11 U	11 U	12 UJ
1,1,1-Trichloroethane	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Carbon tetrachloride	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Bromodichloromethane	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
1,2-Dichloropropane	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
cis-1,3-Dichloropropene	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Trichloroethene	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Dibromochloromethane	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
1,1,2-Trichloroethane	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Benzene	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
trans-1,3-Dichloropropene	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Bromoform	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
4-Methyl-2-pentanone	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
2-Hexanone	UG/KG	11 U	12 U	11 U	11 U	11 U	12 UJ
Tetrachloroethene	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Toluene	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Chlorobenzene	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Ethylbenzene	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Styrene	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U
Xylenes (total)	UG/KG	11 U	12 U	11 U	11 U	11 U	12 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB09-01	1-S-SB09-04	1-S-SB09-07	1-S-SB10-01	1-S-SB10-04	1-S-SB10-08
Laboratory Sample ID:		940280-07	940280-08	940280-09	940261-02	940259-12	940259-13
Date Sampled:		4/5/94	4/5/94	4/5/94	3/29/94	3/29/94	3/29/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
bis(2-Chloroethyl) ether	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
2-Chlorophenol	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
1,3-Dichlorobenzene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
1,4-Dichlorobenzene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
1,2-Dichlorobenzene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
2-Methylphenol	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
2,2'-oxybis-(1-chloropropane)	UG/KG	380 U	390 U	380 U	370 UJ	360 U	430 U
4-Methylphenol	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
N-Nitroso-di-n-propylamine	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Hexachloroethane	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Nitrobenzene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Isophorone	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
2-Nitrophenol	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
2,4-Dimethylphenol	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
bis(2-Chloroethoxy) methane	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
2,4-Dichlorophenol	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
1,2,4-Trichlorobenzene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Naphthalene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
4-Chloroaniline	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Hexachlorobutadiene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
4-Chloro-3-methylphenol	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
2-Methylnaphthalene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Hexachlorocyclopentadiene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
2,4,6-Trichlorophenol	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
2,4,5-Trichlorophenol	UG/KG	910 U	940 U	920 U	890 U	880 U	1100 U
2-Chloronaphthalene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
2-Nitroaniline	UG/KG	910 U	940 U	920 U	890 U	880 U	1100 U
Dimethyl phthalate	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Acenaphthylene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
2,6-Dinitrotoluene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
3-Nitroaniline	UG/KG	910 U	940 U	920 U	890 U	880 U	1100 U
Acenaphthene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB09-01	1-S-SB09-04	1-S-SB09-07	1-S-SB10-01	1-S-SB10-04	1-S-SB10-06
Laboratory Sample ID:		940280-07	940280-08	940280-09	940261-02	940259-12	940259-13
Date Sampled:		4/5/94	4/5/94	4/5/94	3/29/94	3/29/94	3/29/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	910 U	940 U	920 U	890 U	880 U	1100 U
4-Nitrophenol	UG/KG	910 U	940 U	920 U	890 U	880 UJ	1100 U
Dibenzofuran	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
2,4-Dinitrotoluene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Diethylphthalate	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
4-Chlorophenyl phenyl ether	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Fluorene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
4-Nitroaniline	UG/KG	910 UJ	940 UJ	920 UJ	890 U	880 U	1100 U
4,6-Dinitro-2-methylphenol	UG/KG	910 U	940 U	920 U	890 U	880 U	1100 U
N-nitrosodiphenylamine	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
4-Bromophenyl-phenylether	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Hexachlorobenzene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Pentachlorophenol	UG/KG	910 U	940 U	920 U	890 U	880 U	1100 U
Phenanthrene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Anthracene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Carbazole	UG/KG	380 UJ	390 UJ	380 UJ	370 U	360 U	430 U
di-n-Butylphthalate	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Fluoranthene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Pyrene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Butyl benzyl phthalate	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
3,3'-Dichlorobenzidine	UG/KG	380 UJ	390 UJ	380 UJ	370 UJ	360 U	430 U
Benzo[a]anthracene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Chrysene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
bis(2-Ethylhexyl)phthalate	UG/KG	160 J	530	2000	2100	360 U	430 U
di-n-Octylphthalate	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Benzo[b]fluoranthene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Benzo[k]fluoranthene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Benzo[a]pyrene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Indeno[1,2,3-cd]pyrene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Dibenz[a,h]anthracene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U
Benzo[g,h,i]perylene	UG/KG	380 U	390 U	380 U	370 U	360 U	430 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB09-01	1-S-SB09-04	1-S-SB09-07	1-S-SB10-01	1-S-SB10-04	1-S-SB10-08
Laboratory Sample ID:		940280-07	940280-08	940280-09	940261-02	940259-12	940259-13
Date Sampled:		4/5/94	4/5/94	4/5/94	3/29/94	3/29/94	3/29/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.9 UJ	2.0 UJ	2.0 UJ	1.7 UJ	1.9 UJ	2.2 UJ
beta-BHC	UG/KG	1.9 UJ	2.0 UJ	2.0 UJ	1.7 UJ	1.9 UJ	2.2 UJ
delta-BHC	UG/KG	1.9 UJ	2.0 UJ	2.0 UJ	1.7 UJ	1.9 UJ	2.2 UJ
Lindane (gamma-BHC)	UG/KG	1.9 UJ	2.0 UJ	2.0 UJ	1.7 UJ	1.9 UJ	2.2 UJ
Heptachlor	UG/KG	1.9 UJ	2.0 UJ	2.0 UJ	1.7 UJ	1.9 UJ	2.2 UJ
Aldrin	UG/KG	1.9 UJ	2.0 UJ	2.0 UJ	1.7 UJ	1.9 UJ	2.2 UJ
Heptachlor epoxide	UG/KG	1.9 UJ	2.0 UJ	2.0 UJ	1.7 UJ	1.9 UJ	2.2 UJ
Endosulfan I	UG/KG	1.9 UJ	2.0 UJ	2.0 UJ	1.7 UJ	1.9 UJ	2.2 UJ
Dieldrin	UG/KG	3.8 UJ	3.9 UJ	3.8 UJ	3.3 UJ	3.6 UJ	4.3 UJ
4,4'-DDE	UG/KG	3.8 UJ	3.9 UJ	3.8 UJ	3.3 UJ	3.6 UJ	4.3 UJ
Endrin	UG/KG	3.8 UJ	3.9 UJ	3.8 UJ	3.3 UJ	3.6 UJ	4.3 UJ
Endosulfan II	UG/KG	3.8 UJ	3.9 UJ	3.8 UJ	3.3 UJ	3.6 UJ	4.3 UJ
4,4'-DDD	UG/KG	3.8 UJ	3.9 UJ	3.8 UJ	3.3 UJ	3.6 UJ	4.3 UJ
Endosulfan sulfate	UG/KG	3.8 UJ	3.9 UJ	3.8 UJ	3.3 UJ	3.6 UJ	4.3 UJ
4,4'-DDT	UG/KG	3.8 UJ	3.9 UJ	3.8 UJ	3.3 UJ	3.6 UJ	4.3 UJ
Methoxychlor	UG/KG	19 UJ	20 UJ	20 UJ	17 UJ	19 UJ	22 UJ
Endrin ketone	UG/KG	3.8 UJ	3.9 UJ	3.8 UJ	3.3 UJ	3.6 UJ	4.3 UJ
Endrin aldehyde	UG/KG	3.8 UJ	3.9 UJ	3.8 UJ	3.3 UJ	3.6 UJ	4.3 UJ
alpha-Chlordane	UG/KG	1.9 UJ	2.0 UJ	2.0 UJ	1.7 UJ	1.9 UJ	2.2 UJ
gamma-Chlordane	UG/KG	1.9 UJ	2.0 UJ	2.0 UJ	1.7 UJ	1.9 UJ	2.2 UJ
Toxaphene	UG/KG	190 UJ	200 UJ	200 UJ	170 UJ	190 UJ	220 UJ
Aroclor 1016	UG/KG	38 UJ	39 UJ	38 UJ	33 UJ	36 UJ	43 UJ
Aroclor 1221	UG/KG	76 UJ	79 UJ	77 UJ	68 UJ	74 UJ	88 UJ
Aroclor 1232	UG/KG	38 UJ	39 UJ	38 UJ	33 UJ	36 UJ	43 UJ
Aroclor 1242	UG/KG	38 UJ	39 UJ	38 UJ	33 UJ	36 UJ	43 UJ
Aroclor 1248	UG/KG	38 UJ	39 UJ	38 UJ	33 UJ	36 UJ	43 UJ
Aroclor 1254	UG/KG	38 UJ	39 UJ	38 UJ	33 UJ	36 UJ	43 UJ
Aroclor 1260	UG/KG	38 UJ	39 UJ	38 UJ	33 UJ	36 UJ	43 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB11-01	1-S-SB11-03	1-S-SB11-06	1-S-SB12-01	1-S-SB12-04	1-S-SB12-07
Laboratory Sample ID:		940225-18	940259-14	940259-15	940280-10	940280-11	940280-12
Date Sampled:		3/30/94	3/30/94	3/30/94	4/6/94	4/6/94	4/6/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Bromomethane	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Vinyl chloride	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Chloroethane	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Methylene chloride	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Acetone	UG/KG	10 UJ	12 UJ	11 UJ	11 U	11 U	12 U
Carbon Disulfide	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
1,1-Dichloroethene	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
1,1-Dichloroethane	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
1,2-Dichloroethene(total)	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Chloroform	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
1,2-Dichloroethane	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
2-Butanone	UG/KG	10 UJ	12 UJ	11 UJ	11 U	11 U	12 U
1,1,1-Trichloroethane	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Carbon tetrachloride	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Bromodichloromethane	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
1,2-Dichloropropane	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
cis-1,3-Dichloropropene	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Trichloroethene	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Dibromochloromethane	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
1,1,2-Trichloroethane	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Benzene	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
trans-1,3-Dichloropropene	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Bromoform	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
4-Methyl-2-pentanone	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
2-Hexanone	UG/KG	10 UJ	12 UJ	11 UJ	11 U	11 U	12 U
Tetrachloroethene	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	10 U	12 U	27	11 U	11 U	12 U
Toluene	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Chlorobenzene	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Ethylbenzene	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Styrene	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U
Xylenes (total)	UG/KG	10 U	12 U	11 U	11 U	11 U	12 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB11-01	1-S-SB11-03	1-S-SB11-06	1-S-SB12-01	1-S-SB12-04	1-S-SB12-07
Laboratory Sample ID:		940225-18	940259-14	940259-15	940280-10	940280-11	940280-12
Date Sampled:		3/30/94	3/30/94	3/30/94	4/6/94	4/6/94	4/6/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
bis(2-Chloroethyl) ether	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
2-Chlorophenol	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
1,3-Dichlorobenzene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
1,4-Dichlorobenzene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
1,2-Dichlorobenzene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
2-Methylphenol	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
2,2'-oxybis-(1-chloropropane)	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
4-Methylphenol	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
N-Nitroso-di-n-propylamine	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Hexachloroethane	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Nitrobenzene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Isophorone	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
2-Nitrophenol	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
2,4-Dimethylphenol	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
bis(2-Chloroethoxy) methane	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
2,4-Dichlorophenol	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
1,2,4-Trichlorobenzene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Naphthalene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
4-Chloroaniline	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Hexachlorobutadiene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
4-Chloro-3-methylphenol	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
2-Methylnaphthalene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Hexachlorocyclopentadiene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
2,4,6-Trichlorophenol	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
2,4,5-Trichlorophenol	UG/KG	830 U	890 U	950 U	920 U	900 U	990 U
2-Chloronaphthalene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
2-Nitroaniline	UG/KG	830 U	890 U	950 U	920 U	900 U	990 U
Dimethyl phthalate	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Acenaphthylene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
2,6-Dinitrotoluene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
3-Nitroaniline	UG/KG	830 U	890 U	950 U	920 U	900 U	990 U
Acenaphthene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB11-01	1-S-SB11-03	1-S-SB11-06	1-S-SB12-01	1-S-SB12-04	1-S-SB12-07
Laboratory Sample ID:		940225-18	940259-14	940259-15	940280-10	940280-11	940280-12
Date Sampled:		3/30/94	3/30/94	3/30/94	4/6/94	4/6/94	4/6/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	830 U	890 U	950 U	920 U	900 U	990 U
4-Nitrophenol	UG/KG	830 U	890 UJ	950 UJ	920 U	900 U	990 U
Dibenzofuran	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
2,4-Dinitrotoluene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Diethylphthalate	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
4-Chlorophenyl phenyl ether	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Fluorene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
4-Nitroaniline	UG/KG	830 U	890 U	950 U	920 UJ	900 UJ	990 UJ
4,6-Dinitro-2-methylphenol	UG/KG	830 U	890 U	950 U	920 U	900 U	990 U
N-nitrosodiphenylamine	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
4-Bromophenyl-phenylether	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Hexachlorobenzene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Pentachlorophenol	UG/KG	830 U	980 U	950 U	920 U	900 U	990 U
Phenanthrene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Anthracene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Carbazole	UG/KG	340 U	370 U	390 U	380 UJ	370 UJ	410 UJ
di-n-Butylphthalate	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Fluoranthene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Pyrene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Butyl benzyl phthalate	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
3,3'-Dichlorobenzidine	UG/KG	340 U	370 U	390 U	380 UJ	370 UJ	410 UJ
Benzo[a]anthracene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Chrysene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
bis(2-Ethylhexyl)phthalate	UG/KG	44 J	370 U	390 U	66 J	370 U	410 U
di-n-Octylphthalate	UG/KG	340 U	370 U	390 R	380 U	370 U	410 U
Benzo[b]fluoranthene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Benzo[k]fluoranthene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Benzo[a]pyrene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Indeno[1,2,3-cd]pyrene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Dibenz[a,h]anthracene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U
Benzo[g,h,i]perylene	UG/KG	340 U	370 U	390 U	380 U	370 U	410 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB11-01	1-S-SB11-03	1-S-SB11-06	1-S-SB12-01	1-S-SB12-04	1-S-SB12-07
Laboratory Sample ID:		940225-18	940259-14	940259-15	940280-10	940280-11	940280-12
Date Sampled:		3/30/94	3/30/94	3/30/94	4/6/94	4/6/94	4/6/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.8 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.4 UJ
beta-BHC	UG/KG	1.8 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.4 UJ
delta-BHC	UG/KG	1.8 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.4 UJ
Lindane (gamma-BHC)	UG/KG	1.8 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.4 UJ
Heptachlor	UG/KG	1.8 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.4 UJ
Aldrin	UG/KG	1.8 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.4 UJ
Heptachlor epoxide	UG/KG	1.8 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.4 UJ
Endosulfan I	UG/KG	1.8 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.4 UJ
Dieldrin	UG/KG	3.4 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.7 UJ	4.6 UJ
4,4'-DDE	UG/KG	3.4 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.7 UJ	4.6 UJ
Endrin	UG/KG	3.4 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.7 UJ	4.6 UJ
Endosulfan II	UG/KG	3.4 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.7 UJ	4.6 UJ
4,4'-DDD	UG/KG	3.4 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.7 UJ	4.6 UJ
Endosulfan sulfate	UG/KG	3.4 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.7 UJ	4.6 UJ
4,4'-DDT	UG/KG	3.4 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.7 UJ	4.6 UJ
Methoxychlor	UG/KG	18 UJ	19 UJ	20 UJ	19 UJ	19 UJ	24 UJ
Endrin ketone	UG/KG	3.4 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.7 UJ	4.6 UJ
Endrin aldehyde	UG/KG	3.4 UJ	3.7 UJ	3.9 UJ	3.8 UJ	3.7 UJ	4.6 UJ
alpha-Chlordane	UG/KG	1.8 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.4 UJ
gamma-Chlordane	UG/KG	1.8 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.4 UJ
Toxaphene	UG/KG	180 UJ	190 UJ	200 UJ	190 UJ	190 UJ	240 UJ
Aroclor 1016	UG/KG	34 UJ	37 UJ	39 UJ	38 UJ	37 UJ	46 UJ
Aroclor 1221	UG/KG	69 UJ	74 UJ	80 UJ	77 UJ	75 UJ	94 UJ
Aroclor 1232	UG/KG	34 UJ	37 UJ	39 UJ	38 UJ	37 UJ	46 UJ
Aroclor 1242	UG/KG	34 UJ	37 UJ	39 UJ	38 UJ	37 UJ	46 UJ
Aroclor 1248	UG/KG	34 UJ	37 UJ	39 UJ	38 UJ	37 UJ	46 UJ
Aroclor 1254	UG/KG	34 UJ	37 UJ	39 UJ	38 UJ	37 UJ	46 UJ
Aroclor 1260	UG/KG	34 UJ	37 UJ	39 UJ	38 UJ	37 UJ	46 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB13-01	1-S-SB13-04	1-S-SB13-07	1-S-SB14-01	1-S-SB14-03	1-S-SB14-06
Laboratory Sample ID:		940280-13	940280-14	940280-15	940280-16	940280-18	940280-19
Date Sampled:		4/6/94	4/6/94	4/6/94	4/6/94	4/6/94	4/6/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Bromomethane	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Vinyl chloride	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Chloroethane	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Methylene chloride	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Acetone	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Carbon Disulfide	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
1,1-Dichloroethene	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
1,1-Dichloroethane	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
1,2-Dichloroethene(total)	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Chloroform	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
1,2-Dichloroethane	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
2-Butanone	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
1,1,1-Trichloroethane	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Carbon tetrachloride	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Bromodichloromethane	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
1,2-Dichloropropane	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Trichloroethene	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Dibromochloromethane	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Benzene	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
trans-1,3-Dichloropropene	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Bromoform	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
2-Hexanone	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Tetrachloroethene	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Toluene	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Chlorobenzene	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Ethylbenzene	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Styrene	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U
Xylenes (total)	UG/KG	11 U	10 U	12 U	11 U	11 U	11 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB13-01	1-S-SB13-04	1-S-SB13-07	1-S-SB14-01	1-S-SB14-03	1-S-SB14-06
Laboratory Sample ID:		940280-13	940280-14	940280-15	940280-16	940280-18	940280-19
Date Sampled:		4/6/94	4/6/94	4/6/94	4/6/94	4/6/94	4/6/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
bis(2-Chloroethyl) ether	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
2-Chlorophenol	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
1,3-Dichlorobenzene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
1,4-Dichlorobenzene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
1,2-Dichlorobenzene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
2-Methylphenol	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
2,2'-oxybis-(1-chloropropane)	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
4-Methylphenol	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
N-Nitroso-di-n-propylamine	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Hexachloroethane	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Nitrobenzene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Isophorone	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
2-Nitrophenol	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
2,4-Dimethylphenol	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
bis(2-Chloroethoxy) methane	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
2,4-Dichlorophenol	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
1,2,4-Trichlorobenzene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Naphthalene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
4-Chloroaniline	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Hexachlorobutadiene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
4-Chloro-3-methylphenol	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
2-Methylnaphthalene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Hexachlorocyclopentadiene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
2,4,6-Trichlorophenol	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
2,4,5-Trichlorophenol	UG/KG	890 U	840 U	950 U	890 U	920 U	930 U
2-Chloronaphthalene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
2-Nitroaniline	UG/KG	890 U	840 U	950 U	890 U	920 U	930 U
Dimethyl phthalate	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Acenaphthylene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
2,6-Dinitrotoluene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
3-Nitroaniline	UG/KG	890 U	840 U	950 U	890 U	920 U	930 U
Acenaphthene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB13-01	1-S-SB13-04	1-S-SB13-07	1-S-SB14-01	1-S-SB14-03	1-S-SB14-06
Laboratory Sample ID:		940280-13	940280-14	940280-15	940280-16	940280-18	940280-19
Date Sampled:		4/6/94	4/6/94	4/6/94	4/6/94	4/6/94	4/6/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	890 U	840 U	950 U	890 U	920 U	930 U
4-Nitrophenol	UG/KG	890 U	840 U	950 U	890 U	920 U	930 U
Dibenzofuran	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
2,4-Dinitrotoluene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Diethylphthalate	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
4-Chlorophenyl phenyl ether	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Fluorene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
4-Nitroaniline	UG/KG	890 UJ	840 U	950 UJ	890 UJ	920 U	930 U
4,6-Dinitro-2-methylphenol	UG/KG	890 U	840 U	950 U	890 U	920 U	930 U
N-nitrosodiphenylamine	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
4-Bromophenyl-phenylether	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Hexachlorobenzene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Pentachlorophenol	UG/KG	890 U	840 U	950 U	890 U	920 U	930 U
Phenanthrene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Anthracene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Carbazole	UG/KG	370 UJ	350 U	390 UJ	370 UJ	380 U	380 U
di-n-Butylphthalate	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Fluoranthene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Pyrene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Butyl benzyl phthalate	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
3,3'-Dichlorobenzidine	UG/KG	370 UJ	350 U	390 UJ	370 UJ	380 U	380 U
Benzo[a]anthracene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Chrysene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
bis(2-Ethylhexyl)phthalate	UG/KG	360 J	120 J	100 J	49 J	380 U	380 U
di-n-Octylphthalate	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Benzo[b]fluoranthene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Benzo[k]fluoranthene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Benzo[a]pyrene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Indeno[1,2,3-cd]pyrene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Dibenz[a,h]anthracene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U
Benzo[g,h,i]perylene	UG/KG	370 U	350 U	390 U	370 U	380 U	380 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB13-01	1-S-SB13-04	1-S-SB13-07	1-S-SB14-01	1-S-SB14-03	1-S-SB14-06
Laboratory Sample ID:		940280-13	940280-14	940280-15	940280-16	940280-18	940280-19
Date Sampled:		4/6/94	4/6/94	4/6/94	4/6/94	4/6/94	4/6/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 U
beta-BHC	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 U
delta-BHC	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 U
Lindane (gamma-BHC)	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 U
Heptachlor	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 U
Aldrin	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 U
Heptachlor epoxide	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 U
Endosulfan I	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 U
Dieldrin	UG/KG	3.7 UJ	3.4 UJ	3.9 UJ	3.7 UJ	3.8 UJ	3.8 U
4,4'-DDE	UG/KG	3.7 UJ	3.4 UJ	3.9 UJ	3.7 UJ	3.8 UJ	3.8 U
Endrin	UG/KG	3.7 UJ	3.4 UJ	3.9 UJ	3.7 UJ	3.8 UJ	3.8 U
Endosulfan II	UG/KG	3.7 UJ	3.4 UJ	3.9 UJ	3.7 UJ	3.8 UJ	3.8 U
4,4'-DDD	UG/KG	3.7 UJ	3.4 UJ	3.9 UJ	3.7 UJ	3.8 UJ	3.8 U
Endosulfan sulfate	UG/KG	3.7 UJ	3.4 UJ	3.9 UJ	3.7 UJ	3.8 UJ	3.8 U
4,4'-DDT	UG/KG	3.7 UJ	3.4 UJ	3.9 UJ	3.7 UJ	3.8 UJ	3.8 U
Methoxychlor	UG/KG	19 UJ	18 UJ	20 UJ	19 UJ	20 UJ	20 U
Endrin ketone	UG/KG	3.7 UJ	3.4 UJ	3.9 UJ	3.7 UJ	3.8 UJ	3.8 U
Endrin aldehyde	UG/KG	3.7 UJ	3.4 UJ	3.9 UJ	3.7 UJ	3.8 UJ	3.8 U
alpha-Chlordane	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 U
gamma-Chlordane	UG/KG	1.9 UJ	1.8 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 U
Toxaphene	UG/KG	190 UJ	180 UJ	200 UJ	190 UJ	200 UJ	200 U
Aroclor 1016	UG/KG	37 UJ	34 UJ	39 UJ	37 UJ	38 UJ	38 U
Aroclor 1221	UG/KG	75 UJ	70 UJ	79 UJ	74 UJ	77 UJ	78 U
Aroclor 1232	UG/KG	37 UJ	34 UJ	39 UJ	37 UJ	38 UJ	38 U
Aroclor 1242	UG/KG	37 UJ	34 UJ	39 UJ	37 UJ	38 UJ	38 U
Aroclor 1248	UG/KG	37 UJ	34 UJ	39 UJ	37 UJ	38 UJ	38 U
Aroclor 1254	UG/KG	37 UJ	34 UJ	39 UJ	37 UJ	38 UJ	38 U
Aroclor 1260	UG/KG	37 UJ	34 UJ	39 UJ	37 UJ	38 UJ	38 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB15-01	1-S-SB15-04	1-S-SB15-06	1-S-SB16-01	1-S-SB16-04	1-S-SB16-07
Laboratory Sample ID:		940272-04	940271-05	940271-06	940272-05	940271-07	940271-08
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	4/5/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Bromomethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Vinyl chloride	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Chloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Methylene chloride	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Acetone	UG/KG	11 U	11 U	11	11 U	11 U	42 U
Carbon Disulfide	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,1-Dichloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,1-Dichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloroethene(total)	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Chloroform	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
2-Butanone	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,1,1-Trichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Carbon tetrachloride	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Bromodichloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloropropane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Trichloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Dibromochloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Benzene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
trans-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Bromoform	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
2-Hexanone	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Tetrachloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Toluene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Chlorobenzene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Ethylbenzene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Styrene	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U
Xylenes (total)	UG/KG	11 U	11 U	11 U	11 U	11 U	11 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB15-01	1-S-SB15-04	1-S-SB15-06	1-S-SB16-01	1-S-SB16-04	1-S-SB16-07
Laboratory Sample ID:		940272-04	940271-05	940271-06	940272-05	940271-07	940271-08
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
bis(2-Chloroethyl) ether	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
2-Chlorophenol	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
1,3-Dichlorobenzene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
1,4-Dichlorobenzene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
1,2-Dichlorobenzene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
2-Methylphenol	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
2,2'-oxybis-(1-chloropropane)	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
4-Methylphenol	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
N-Nitroso-di-n-propylamine	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Hexachloroethane	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Nitrobenzene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Isophorone	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
2-Nitrophenol	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
2,4-Dimethylphenol	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
bis(2-Chloroethoxy) methane	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
2,4-Dichlorophenol	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
1,2,4-Trichlorobenzene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Naphthalene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
4-Chloroaniline	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Hexachlorobutadiene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
4-Chloro-3-methylphenol	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
2-Methylnaphthalene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Hexachlorocyclopentadiene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
2,4,6-Trichlorophenol	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
2,4,5-Trichlorophenol	UG/KG	950 UJ	890 U	840 R	950 U	850 U	870 U
2-Chloronaphthalene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
2-Nitroaniline	UG/KG	950 UJ	890 U	840 R	950 U	850 U	870 U
Dimethyl phthalate	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Acenaphthylene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
2,6-Dinitrotoluene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
3-Nitroaniline	UG/KG	950 UJ	890 U	840 R	950 U	850 U	870 U
Acenaphthene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB15-01	1-S-SB15-04	1-S-SB15-06	1-S-SB16-01	1-S-SB16-04	1-S-SB16-07
Laboratory Sample ID:		940272-04	940271-05	940271-06	940272-05	940271-07	940271-08
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	950 UJ	890 U	840 R	950 U	850 U	870 U
4-Nitrophenol	UG/KG	950 UJ	890 U	840 R	950 U	850 U	870 U
Dibenzofuran	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
2,4-Dinitrotoluene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Diethylphthalate	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
4-Chlorophenyl phenyl ether	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Fluorene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
4-Nitroaniline	UG/KG	950 UJ	890 U	840 R	950 U	850 U	870 U
4,6-Dinitro-2-methylphenol	UG/KG	950 UJ	890 U	840 R	950 U	850 U	870 U
N-nitrosodiphenylamine	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
4-Bromophenyl-phenylether	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Hexachlorobenzene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Pentachlorophenol	UG/KG	950 UJ	890 U	840 R	950 U	850 U	870 U
Phenanthrene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Anthracene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Carbazole	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
di-n-Butylphthalate	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Fluoranthene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Pyrene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Butyl benzyl phthalate	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
3,3'-Dichlorobenzidine	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Benzo[a]anthracene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Chrysene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
bis(2-Ethylhexyl)phthalate	UG/KG	390 UJ	370 U	350 R	580	350 U	360 U
di-n-Octylphthalate	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Benzo[b]fluoranthene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Benzo[k]fluoranthene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Benzo[a]pyrene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Indeno[1,2,3-cd]pyrene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Dibenz[a,h]anthracene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U
Benzo[g,h,i]perylene	UG/KG	390 UJ	370 U	350 R	390 U	350 U	360 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB15-01	1-S-SB15-04	1-S-SB15-06	1-S-SB16-01	1-S-SB16-04	1-S-SB16-07
Laboratory Sample ID:		940272-04	940271-05	940271-06	940272-05	940271-07	940271-08
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	4/5/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	2.0 UJ	1.9 UJ	1.8 U	2.0 U	1.8 UJ	1.8 UJ
beta-BHC	UG/KG	2.0 UJ	1.9 UJ	1.8 U	2.0 U	1.8 UJ	1.8 UJ
delta-BHC	UG/KG	2.0 UJ	1.9 UJ	1.8 U	2.0 U	1.8 UJ	1.8 UJ
Lindane (gamma-BHC)	UG/KG	2.0 UJ	1.9 UJ	1.8 U	2.0 U	1.8 UJ	1.8 UJ
Heptachlor	UG/KG	2.0 UJ	1.9 UJ	1.8 U	2.0 U	1.8 UJ	1.8 UJ
Aldrin	UG/KG	2.0 UJ	1.9 UJ	1.8 U	2.0 U	1.8 UJ	1.8 UJ
Heptachlor epoxide	UG/KG	2.0 UJ	1.9 UJ	1.8 U	2.0 U	1.8 UJ	1.8 UJ
Endosulfan I	UG/KG	2.0 UJ	1.9 UJ	1.8 U	2.0 U	1.8 UJ	1.8 UJ
Dieldrin	UG/KG	3.9 UJ	3.7 UJ	3.5 U	3.9 U	3.5 UJ	3.6 UJ
4,4'-DDE	UG/KG	3.9 UJ	3.7 UJ	3.5 U	3.9 U	3.5 UJ	3.6 UJ
Endrin	UG/KG	3.9 UJ	3.7 UJ	3.5 U	3.9 U	3.5 UJ	3.6 UJ
Endosulfan II	UG/KG	3.9 UJ	3.7 UJ	3.5 U	3.9 U	3.5 UJ	3.6 UJ
4,4'-DDD	UG/KG	3.9 UJ	3.7 UJ	3.5 U	3.9 U	3.5 UJ	3.6 UJ
Endosulfan sulfate	UG/KG	3.9 UJ	3.7 UJ	3.5 U	3.9 U	3.5 UJ	3.6 UJ
4,4'-DDT	UG/KG	3.9 UJ	3.7 UJ	3.5 U	3.9 U	3.5 UJ	3.6 UJ
Methoxychlor	UG/KG	20 UJ	19 UJ	18 U	20 U	18 UJ	18 UJ
Endrin ketone	UG/KG	3.9 UJ	3.7 UJ	3.5 U	3.9 U	3.5 UJ	3.6 UJ
Endrin aldehyde	UG/KG	3.9 UJ	3.7 UJ	3.5 U	3.9 U	3.5 UJ	3.6 UJ
alpha-Chlordane	UG/KG	2.0 UJ	1.9 UJ	1.8 U	2.0 U	1.8 UJ	1.8 UJ
gamma-Chlordane	UG/KG	2.0 UJ	1.9 UJ	1.8 U	2.0 U	1.8 UJ	1.8 UJ
Toxaphene	UG/KG	200 UJ	190 UJ	180 U	200 U	180 UJ	180 UJ
Aroclor 1016	UG/KG	39 UJ	37 UJ	35 U	39 U	35 UJ	36 UJ
Aroclor 1221	UG/KG	79 UJ	75 UJ	70 U	79 U	72 UJ	73 UJ
Aroclor 1232	UG/KG	39 UJ	37 UJ	35 U	39 U	35 UJ	36 UJ
Aroclor 1242	UG/KG	39 UJ	37 UJ	35 U	39 U	35 UJ	36 UJ
Aroclor 1248	UG/KG	39 UJ	37 UJ	35 U	39 U	35 UJ	36 UJ
Aroclor 1254	UG/KG	39 UJ	37 UJ	35 U	39 U	35 UJ	36 UJ
Aroclor 1260	UG/KG	39 UJ	37 UJ	35 U	39 U	35 UJ	36 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB17-01	1-S-SB17-03	1-S-SB17-06	1-S-SB18-01	1-S-SB18-04	1-S-SB18-07
Laboratory Sample ID:		940225-19	940225-20	940225-21	940280-21	940280-22	940280-23
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Bromomethane	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Vinyl chloride	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Chloroethane	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Methylene chloride	UG/KG	11 U	11 U	12 U	11 U	11 U	3 J
Acetone	UG/KG	11 UJ	11 UJ	12 U	11 U	11 U	9 J
Carbon Disulfide	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
1,1-Dichloroethene	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
1,1-Dichloroethane	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
1,2-Dichloroethene(total)	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Chloroform	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
1,2-Dichloroethane	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
2-Butanone	UG/KG	11 UJ	11 UJ	12 U	11 U	11 U	11 U
1,1,1-Trichloroethane	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Carbon tetrachloride	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Bromodichloromethane	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
1,2-Dichloropropane	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Trichloroethene	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Dibromochloromethane	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Benzene	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
trans-1,3-Dichloropropene	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Bromoform	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
2-Hexanone	UG/KG	11 UJ	11 UJ	12 U	11 U	11 U	11 U
Tetrachloroethene	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Toluene	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Chlorobenzene	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Ethylbenzene	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Styrene	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U
Xylenes (total)	UG/KG	11 U	11 U	12 U	11 U	11 U	11 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB17-01	1-S-SB17-03	1-S-SB17-06	1-S-SB18-01	1-S-SB18-04	1-S-SB18-07
Laboratory Sample ID:		940225-19	940225-20	940225-21	940280-21	940280-22	940280-23
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
bis(2-Chloroethyl) ether	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
2-Chlorophenol	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
1,3-Dichlorobenzene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
1,4-Dichlorobenzene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
1,2-Dichlorobenzene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
2-Methylphenol	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
2,2'-oxybis-(1-chloropropane)	UG/KG	350 U	350 U	360 U	430 UJ	380 UJ	390 U
4-Methylphenol	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
N-Nitroso-di-n-propylamine	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Hexachloroethane	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Nitrobenzene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Isophorone	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
2-Nitrophenol	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
2,4-Dimethylphenol	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
bis(2-Chloroethoxy) methane	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
2,4-Dichlorophenol	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
1,2,4-Trichlorobenzene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Naphthalene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
4-Chloroaniline	UG/KG	350 UJ	350 U	360 UJ	430 U	380 U	390 U
Hexachlorobutadiene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
4-Chloro-3-methylphenol	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
2-Methylnaphthalene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Hexachlorocyclopentadiene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
2,4,6-Trichlorophenol	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
2,4,5-Trichlorophenol	UG/KG	840 U	860 U	880 U	1000 U	930 U	950 U
2-Chloronaphthalene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
2-Nitroaniline	UG/KG	840 U	860 U	880 U	1000 U	930 U	950 U
Dimethyl phthalate	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Acenaphthylene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
2,6-Dinitrotoluene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
3-Nitroaniline	UG/KG	840 U	860 U	880 U	1000 U	930 U	950 U
Acenaphthene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB17-01	1-S-SB17-03	1-S-SB17-06	1-S-SB18-01	1-S-SB18-04	1-S-SB18-07
Laboratory Sample ID:		940225-19	940225-20	940225-21	940280-21	940280-22	940280-23
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	840 U	860 U	880 U	1000 U	930 U	950 U
4-Nitrophenol	UG/KG	840 U	860 U	880 U	1000 U	930 U	950 U
Dibenzofuran	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
2,4-Dinitrotoluene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Diethylphthalate	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
4-Chlorophenyl phenyl ether	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Fluorene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
4-Nitroaniline	UG/KG	840 U	860 U	880 U	1000 U	930 U	950 U
4,6-Dinitro-2-methylphenol	UG/KG	840 U	860 U	880 U	1000 U	930 U	950 U
N-nitrosodiphenylamine	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
4-Bromophenyl-phenylether	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Hexachlorobenzene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Pentachlorophenol	UG/KG	840 U	860 U	880 U	1000 U	930 U	950 U
Phenanthrene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Anthracene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Carbazole	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
di-n-Butylphthalate	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Fluoranthene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Pyrene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Butyl benzyl phthalate	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
3,3'-Dichlorobenzidine	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Benzo[a]anthracene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Chrysene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
bis(2-Ethylhexyl)phthalate	UG/KG	350	100 J	360 U	430 U	380 U	390 U
di-n-Octylphthalate	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Benzo[b]fluoranthene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Benzo[k]fluoranthene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Benzo[a]pyrene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Indeno[1,2,3-cd]pyrene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Dibenz[a,h]anthracene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U
Benzo[g,h,i]perylene	UG/KG	350 U	350 U	360 U	430 U	380 U	390 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB17-01	1-S-SB17-03	1-S-SB17-06	1-S-SB18-01	1-S-SB18-04	1-S-SB18-07
Laboratory Sample ID:		940225-19	940225-20	940225-21	940280-21	940280-22	940280-23
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
PESTICIDE/PCBs	UNITS						
alpha-BHC	UG/KG	1.8 UJ	1.8 UJ	1.9 UJ	2.2 U	2.0 U	2.0 UJ
beta-BHC	UG/KG	1.8 UJ	1.8 UJ	1.9 UJ	2.2 U	2.0 U	2.0 UJ
delta-BHC	UG/KG	1.8 UJ	1.8 UJ	1.9 UJ	2.2 U	2.0 U	2.0 UJ
Lindane (gamma-BHC)	UG/KG	1.8 UJ	1.8 UJ	1.9 UJ	2.2 U	2.0 U	2.0 UJ
Heptachlor	UG/KG	1.8 UJ	1.8 UJ	1.9 UJ	2.2 U	2.0 U	2.0 UJ
Aldrin	UG/KG	1.8 UJ	1.8 UJ	1.9 UJ	2.2 U	2.0 U	2.0 UJ
Heptachlor epoxide	UG/KG	1.8 UJ	1.8 UJ	1.9 UJ	2.2 U	2.0 U	2.0 UJ
Endosulfan I	UG/KG	1.8 UJ	1.8 UJ	1.9 UJ	2.2 U	2.0 U	2.0 UJ
Dieldrin	UG/KG	3.5 UJ	3.5 UJ	3.6 UJ	4.3 U	3.8 U	3.9 UJ
4,4'-DDE	UG/KG	3.5 UJ	3.5 UJ	3.6 UJ	4.3 U	3.8 U	3.9 UJ
Endrin	UG/KG	3.5 UJ	3.5 UJ	3.6 UJ	4.3 U	3.8 U	3.9 UJ
Endosulfan II	UG/KG	3.5 UJ	3.5 UJ	3.6 UJ	4.3 U	3.8 U	3.9 UJ
4,4'-DDD	UG/KG	3.5 UJ	3.5 UJ	3.6 UJ	4.3 U	3.8 U	3.9 UJ
Endosulfan sulfate	UG/KG	3.5 UJ	3.5 UJ	3.6 UJ	4.3 U	3.8 U	3.9 UJ
4,4'-DDT	UG/KG	3.5 UJ	3.5 UJ	3.6 UJ	4.3 U	3.8 U	3.9 UJ
Methoxychlor	UG/KG	18 UJ	18 UJ	19 UJ	22 U	20 U	20 UJ
Endrin ketone	UG/KG	3.5 UJ	3.5 UJ	3.6 UJ	4.3 U	3.8 U	3.9 UJ
Endrin aldehyde	UG/KG	3.5 UJ	3.5 UJ	3.6 UJ	4.3 U	3.8 U	3.9 UJ
alpha-Chlordane	UG/KG	1.8 UJ	1.8 UJ	1.9 UJ	2.2 U	2.0 U	2.0 UJ
gamma-Chlordane	UG/KG	1.8 UJ	1.8 UJ	1.9 UJ	2.2 U	2.0 U	2.0 UJ
Toxaphene	UG/KG	180 UJ	180 UJ	190 UJ	220 U	200 U	200 UJ
Aroclor 1016	UG/KG	35 UJ	35 UJ	36 UJ	43 U	38 U	39 UJ
Aroclor 1221	UG/KG	70 UJ	72 UJ	74 UJ	87 U	78 U	80 UJ
Aroclor 1232	UG/KG	35 UJ	35 UJ	36 UJ	43 U	38 U	39 UJ
Aroclor 1242	UG/KG	35 UJ	35 UJ	36 UJ	43 U	38 U	39 UJ
Aroclor 1248	UG/KG	35 UJ	35 UJ	36 UJ	43 U	38 U	39 UJ
Aroclor 1254	UG/KG	35 UJ	35 UJ	36 UJ	43 U	38 U	39 UJ
Aroclor 1260	UG/KG	35 UJ	35 UJ	36 UJ	43 U	38 U	39 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-04	1-N-SB20-05	1-N-SB21-01	1-N-SB21-04	1-N-SB21-07	1-N-SB22-01
Laboratory Sample ID:		940251-01	940260-02	940260-03	940260-04	940260-05	940272-10
Date Sampled:		3/28/94	3/29/94	3/29/94	3/29/94	3/29/94	4/5/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Bromomethane	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Vinyl chloride	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Chloroethane	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Methylene chloride	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Acetone	UG/KG	11 U	12 U	11 UJ	11 U	12 U	70 U
Carbon Disulfide	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
1,1-Dichloroethene	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
1,1-Dichloroethane	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
1,2-Dichloroethene(total)	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Chloroform	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
1,2-Dichloroethane	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
2-Butanone	UG/KG	11 U	12 U	11 UJ	11 UJ	12 U	11 U
1,1,1-Trichloroethane	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Carbon tetrachloride	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Bromodichloromethane	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
1,2-Dichloropropane	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
cis-1,3-Dichloropropene	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Trichloroethene	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Dibromochloromethane	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
1,1,2-Trichloroethane	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Benzene	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
trans-1,3-Dichloropropene	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Bromoform	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
4-Methyl-2-pentanone	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
2-Hexanone	UG/KG	11 U	12 U	11 UJ	11 UJ	12 U	11 U
Tetrachloroethene	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Toluene	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Chlorobenzene	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Ethylbenzene	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Styrene	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U
Xylenes (total)	UG/KG	11 U	12 U	11 U	11 U	12 U	11 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-04	1-N-SB20-05	1-N-SB21-01	1-N-SB21-04	1-N-SB21-07	1-N-SB22-01
Laboratory Sample ID:		940251-01	940260-02	940260-03	940260-04	940260-05	940272-10
Date Sampled:		3/28/94	3/29/94	3/29/94	3/29/94	3/29/94	4/5/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
bis(2-Chloroethyl) ether	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
2-Chlorophenol	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
1,3-Dichlorobenzene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
1,4-Dichlorobenzene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
1,2-Dichlorobenzene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
2-Methylphenol	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
2,2'-oxybis-(1-chloropropane)	UG/KG	410 UJ	390 U	400 U	360 U	400 U	390 U
4-Methylphenol	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
N-Nitroso-di-n-propylamine	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Hexachloroethane	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Nitrobenzene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Isophorone	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
2-Nitrophenol	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
2,4-Dimethylphenol	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
bis(2-Chloroethoxy) methane	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
2,4-Dichlorophenol	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
1,2,4-Trichlorobenzene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Naphthalene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
4-Chloroaniline	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Hexachlorobutadiene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
4-Chloro-3-methylphenol	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
2-Methylnaphthalene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Hexachlorocyclopentadiene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
2,4,6-Trichlorophenol	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
2,4,5-Trichlorophenol	UG/KG	990 U	940 U	970 U	880 U	980 U	940 U
2-Chloronaphthalene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
2-Nitroaniline	UG/KG	990 U	940 U	970 U	880 U	980 U	940 U
Dimethyl phthalate	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Acenaphthylene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
2,6-Dinitrotoluene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
3-Nitroaniline	UG/KG	990 U	940 U	970 U	880 U	980 U	940 U
Acenaphthene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-04	1-N-SB20-05	1-N-SB21-01	1-N-SB21-04	1-N-SB21-07	1-N-SB22-01
Laboratory Sample ID:		940251-01	940260-02	940260-03	940260-04	940260-05	940272-10
Date Sampled:		3/28/94	3/29/94	3/29/94	3/29/94	3/29/94	4/5/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	990 U	940 U	970 U	880 U	980 U	940 U
4-Nitrophenol	UG/KG	990 U	940 U	970 U	880 U	980 U	940 U
Dibenzofuran	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
2,4-Dinitrotoluene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Diethylphthalate	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
4-Chlorophenyl phenyl ether	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Fluorene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
4-Nitroaniline	UG/KG	990 U	940 U	970 U	880 U	980 U	940 U
4,6-Dinitro-2-methylphenol	UG/KG	990 U	940 U	970 U	880 U	980 U	940 U
N-nitrosodiphenylamine	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
4-Bromophenyl-phenylether	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Hexachlorobenzene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Pentachlorophenol	UG/KG	990 U	940 U	970 U	880 U	980 U	940 U
Phenanthrene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Anthracene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Carbazole	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
di-n-Butylphthalate	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Fluoranthene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Pyrene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Butyl benzyl phthalate	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
3,3'-Dichlorobenzidine	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Benzo[a]anthracene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Chrysene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
bis(2-Ethylhexyl)phthalate	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
di-n-Octylphthalate	UG/KG	410 U	390 R	400 U	360 U	400 R	390 U
Benzo[b]fluoranthene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Benzo[k]fluoranthene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Benzo[a]pyrene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Indeno[1,2,3-cd]pyrene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Dibenz[a,h]anthracene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U
Benzo[g,h,i]perylene	UG/KG	410 U	390 U	400 U	360 U	400 U	390 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-04	1-N-SB20-05	1-N-SB21-01	1-N-SB21-04	1-N-SB21-07	1-N-SB22-01
Laboratory Sample ID:		940251-01	940260-02	940260-03	940260-04	940260-05	940272-10
Date Sampled:		3/28/94	3/29/94	3/29/94	3/29/94	3/29/94	4/5/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	2.1 U	2.0 U	2.1 UJ	1.9 U	2.1 U	2.0 UJ
beta-BHC	UG/KG	2.1 U	2.0 U	2.1 UJ	1.9 U	2.1 U	2.0 UJ
delta-BHC	UG/KG	2.1 U	2.0 U	2.1 UJ	1.9 U	2.1 U	2.0 UJ
Lindane (gamma-BHC)	UG/KG	2.1 U	2.0 U	2.1 UJ	1.9 U	2.1 U	2.0 UJ
Heptachlor	UG/KG	2.1 U	2.0 U	2.1 UJ	1.9 U	2.1 U	2.0 UJ
Aldrin	UG/KG	2.1 U	2.0 U	2.1 UJ	1.9 U	2.1 U	2.0 UJ
Heptachlor epoxide	UG/KG	2.1 U	2.0 U	2.1 UJ	1.9 U	2.1 U	2.0 UJ
Endosulfan I	UG/KG	2.1 U	2.0 U	2.1 UJ	1.9 U	2.1 U	2.0 UJ
Dieldrin	UG/KG	4.1 U	3.8 U	4.0 UJ	3.6 U	4.0 U	3.9 UJ
4,4'-DDE	UG/KG	4.1 U	3.8 U	4.0 UJ	3.6 U	4.0 U	3.9 UJ
Endrin	UG/KG	4.1 U	3.8 U	4.0 UJ	3.6 U	4.0 U	3.9 UJ
Endosulfan II	UG/KG	4.1 U	3.8 U	4.0 UJ	3.6 U	4.0 U	3.9 UJ
4,4'-DDD	UG/KG	4.1 U	3.8 U	4.0 UJ	3.6 U	4.0 U	2.2 J
Endosulfan sulfate	UG/KG	4.1 U	3.8 U	4.0 UJ	3.6 U	4.0 U	3.9 UJ
4,4'-DDT	UG/KG	4.1 U	3.8 U	4.0 UJ	3.6 U	4.0 U	12 J
Methoxychlor	UG/KG	21 U	20 U	21 UJ	19 U	21 U	20 UJ
Endrin ketone	UG/KG	4.1 U	3.8 U	4.0 UJ	3.6 U	4.0 U	3.9 UJ
Endrin aldehyde	UG/KG	4.1 U	3.8 U	4.0 UJ	3.6 U	4.0 U	3.9 UJ
alpha-Chlordane	UG/KG	2.1 U	2.0 U	2.1 UJ	1.9 U	2.1 U	2.0 UJ
gamma-Chlordane	UG/KG	2.1 U	2.0 U	2.1 UJ	1.9 U	2.1 U	2.0 UJ
Toxaphene	UG/KG	210 U	200 U	210 UJ	190 U	210 U	200 UJ
Aroclor 1016	UG/KG	41 U	39 UJ	40 UJ	36 U	40 U	39 UJ
Aroclor 1221	UG/KG	83 U	79 UJ	81 UJ	74 U	82 UJ	78 UJ
Aroclor 1232	UG/KG	41 U	39 UJ	40 UJ	36 U	40 UJ	39 UJ
Aroclor 1242	UG/KG	41 U	39 UJ	40 UJ	36 U	40 UJ	39 UJ
Aroclor 1248	UG/KG	41 U	39 UJ	40 UJ	36 U	40 UJ	39 UJ
Aroclor 1254	UG/KG	41 U	39 UJ	40 UJ	36 U	40 UJ	39 UJ
Aroclor 1260	UG/KG	41 U	39 UJ	40 UJ	36 U	40 UJ	39 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB22-06	1-N-SB22-08	1-N-SB23-01	1-N-SB23-05	1-N-SB23-08	1-N-SB24-01
Laboratory Sample ID:		940279-01	940279-03	940272-12	940272-13	940272-14	940260-06
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	3/29/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Bromomethane	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Vinyl chloride	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Chloroethane	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Methylene chloride	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Acetone	UG/KG	9 J	330	45 U	42 U	11 U	11 U
Carbon Disulfide	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
1,1-Dichloroethene	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
1,1-Dichloroethane	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
1,2-Dichloroethene(total)	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Chloroform	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
1,2-Dichloroethane	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
2-Butanone	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
1,1,1-Trichloroethane	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Carbon tetrachloride	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Bromodichloromethane	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
1,2-Dichloropropane	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Trichloroethene	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Dibromochloromethane	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Benzene	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
trans-1,3-Dichloropropene	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Bromoform	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
2-Hexanone	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Tetrachloroethene	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Toluene	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Chlorobenzene	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Ethylbenzene	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Styrene	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U
Xylenes (total)	UG/KG	11 U	53 U	11 U	11 U	11 U	11 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB22-06	1-N-SB22-08	1-N-SB23-01	1-N-SB23-05	1-N-SB23-08	1-N-SB24-01
Laboratory Sample ID:		940279-01	940279-03	940272-12	940272-13	940272-14	940260-06
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	3/29/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
bis(2-Chloroethyl) ether	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
2-Chlorophenol	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
1,3-Dichlorobenzene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
1,4-Dichlorobenzene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
1,2-Dichlorobenzene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
2-Methylphenol	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
2,2'-oxybis-(1-chloropropane)	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
4-Methylphenol	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
N-Nitroso-di-n-propylamine	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Hexachloroethane	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Nitrobenzene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Isophorone	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
2-Nitrophenol	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
2,4-Dimethylphenol	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
bis(2-Chloroethoxy) methane	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
2,4-Dichlorophenol	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
1,2,4-Trichlorobenzene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Naphthalene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
4-Chloroaniline	UG/KG	360 UJ	350 UJ	370 U	390 U	390 U	370 UJ
Hexachlorobutadiene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
4-Chloro-3-methylphenol	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
2-Methylnaphthalene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Hexachlorocyclopentadiene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
2,4,6-Trichlorophenol	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
2,4,5-Trichlorophenol	UG/KG	880 U	850 U	890 U	950 U	940 U	890 UJ
2-Chloronaphthalene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
2-Nitroaniline	UG/KG	880 U	850 U	890 U	950 U	940 U	890 UJ
Dimethyl phthalate	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Acenaphthylene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
2,6-Dinitrotoluene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
3-Nitroaniline	UG/KG	880 U	850 U	890 U	950 U	980 U	890 UJ
Acenaphthene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB22-06	1-N-SB22-08	1-N-SB23-01	1-N-SB23-05	1-N-SB23-08	1-N-SB24-01
Laboratory Sample ID:		940279-01	940279-03	940272-12	940272-13	940272-14	940260-06
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	3/29/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	880 U	850 U	890 U	950 U	940 U	890 UJ
4-Nitrophenol	UG/KG	880 U	850 U	890 U	950 U	940 U	890 UJ
Dibenzofuran	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
2,4-Dinitrotoluene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Diethylphthalate	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
4-Chlorophenyl phenyl ether	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Fluorene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
4-Nitroaniline	UG/KG	880 UJ	850 UJ	890 U	950 U	940 U	890 UJ
4,6-Dinitro-2-methylphenol	UG/KG	880 U	850 U	890 U	950 U	940 U	890 UJ
N-nitrosodiphenylamine	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
4-Bromophenyl-phenylether	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Hexachlorobenzene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Pentachlorophenol	UG/KG	880 U	850 U	890 U	950 U	940 U	890 UJ
Phenanthrene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Anthracene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Carbazole	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
di-n-Butylphthalate	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Fluoranthene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Pyrene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Butyl benzyl phthalate	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
3,3'-Dichlorobenzidine	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Benzo[a]anthracene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Chrysene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
di-n-Octylphthalate	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Benzo[b]fluoranthene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Benzo[k]fluoranthene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Benzo[a]pyrene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Indeno[1,2,3-cd]pyrene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Dibenz[a,h]anthracene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ
Benzo[g,h,i]perylene	UG/KG	360 U	350 U	370 U	390 U	390 U	370 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB22-06	1-N-SB22-08	1-N-SB23-01	1-N-SB23-05	1-N-SB23-08	1-N-SB24-01
Laboratory Sample ID:		940279-01	940279-03	940272-12	940272-13	940272-14	940260-06
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	3/29/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.9 UJ	1.8 UJ	1.9 UJ	2.0 UJ	2.0 UJ	1.9 U
beta-BHC	UG/KG	1.9 UJ	1.8 U	1.9 UJ	2.0 UJ	2.0 UJ	1.9 U
delta-BHC	UG/KG	1.9 UJ	1.8 UJ	1.9 UJ	2.0 UJ	2.0 UJ	1.9 U
Lindane (gamma-BHC)	UG/KG	1.9 UJ	1.8 UJ	1.9 UJ	2.0 UJ	2.0 UJ	1.9 U
Heptachlor	UG/KG	1.9 UJ	1.8 U	1.9 UJ	2.0 UJ	2.0 UJ	1.9 U
Aldrin	UG/KG	1.9 UJ	1.8 U	1.9 UJ	2.0 UJ	2.0 UJ	1.9 U
Heptachlor epoxide	UG/KG	1.9 UJ	1.8 U	1.9 UJ	2.0 UJ	2.0 UJ	1.9 U
Endosulfan I	UG/KG	1.9 UJ	1.8 U	1.9 UJ	2.0 UJ	2.0 UJ	1.9 U
Dieldrin	UG/KG	3.6 UJ	3.5 U	3.7 UJ	3.9 UJ	3.9 UJ	3.7 U
4,4'-DDE	UG/KG	3.6 UJ	3.5 U	3.7 UJ	3.9 UJ	3.9 UJ	3.7 U
Endrin	UG/KG	3.6 UJ	3.5 U	3.7 UJ	3.9 UJ	3.9 UJ	3.7 U
Endosulfan II	UG/KG	3.6 UJ	3.5 U	3.7 UJ	3.9 UJ	3.9 UJ	3.7 U
4,4'-DDD	UG/KG	3.6 UJ	3.5 U	3.7 UJ	3.9 UJ	3.9 UJ	3.7 U
Endosulfan sulfate	UG/KG	3.6 UJ	3.5 U	3.7 UJ	3.9 UJ	3.9 UJ	3.7 U
4,4'-DDT	UG/KG	3.6 UJ	3.5 U	3.7 UJ	3.9 UJ	3.9 UJ	3.7 U
Methoxychlor	UG/KG	19 UJ	18 U	19.0 UJ	20 UJ	20.0 UJ	19 U
Endrin ketone	UG/KG	3.6 UJ	3.5 U	3.7 UJ	3.9 UJ	3.9 UJ	3.7 U
Endrin aldehyde	UG/KG	3.6 UJ	3.5 U	3.7 UJ	3.9 UJ	3.9 UJ	3.7 U
alpha-Chlordane	UG/KG	1.9 UJ	1.8 U	1.9 UJ	2.0 UJ	2.0 UJ	1.9 U
gamma-Chlordane	UG/KG	1.9 UJ	1.8 U	1.9 UJ	2.0 UJ	2.0 UJ	1.9 U
Toxaphene	UG/KG	190 UJ	180 U	190 UJ	200 UJ	200 UJ	190 U
Aroclor 1016	UG/KG	36 UJ	35 U	37 UJ	39 UJ	39 UJ	37 U
Aroclor 1221	UG/KG	73 UJ	71 U	74 UJ	80 UJ	79 UJ	74 U
Aroclor 1232	UG/KG	36 UJ	35 U	37 UJ	39 UJ	39 UJ	37 U
Aroclor 1242	UG/KG	36 UJ	35 U	37 UJ	39 UJ	39 UJ	37 U
Aroclor 1248	UG/KG	36 UJ	35 U	37 UJ	39 UJ	39 UJ	37 U
Aroclor 1254	UG/KG	36 UJ	35 U	37 UJ	39 UJ	39 UJ	37 U
Aroclor 1260	UG/KG	36 UJ	35 U	37 UJ	39 UJ	39 UJ	37 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB24-04	1-N-SB24-07	1-N-SB25-01	1-N-SB25-06	1-N-SB26-01	1-N-SB26-04
Laboratory Sample ID:		940260-07	940260-08	940260-09	940259-01	940260-10	940260-12
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Bromomethane	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Vinyl chloride	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Chloroethane	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Methylene chloride	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Acetone	UG/KG	11 U	11 U	11 U	12 UJ	11 U	11 U
Carbon Disulfide	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
1,1-Dichloroethene	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
1,1-Dichloroethane	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
1,2-Dichloroethene(total)	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Chloroform	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
1,2-Dichloroethane	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
2-Butanone	UG/KG	11 UJ	11 U	11 U	12 UJ	11 U	11 UJ
1,1,1-Trichloroethane	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Carbon tetrachloride	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Bromodichloromethane	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
1,2-Dichloropropane	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
cis-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Trichloroethene	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Dibromochloromethane	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Benzene	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
trans-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Bromoform	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
2-Hexanone	UG/KG	11 UJ	11 U	11 U	12 UJ	11 U	11 UJ
Tetrachloroethene	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Toluene	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Chlorobenzene	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Ethylbenzene	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Styrene	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U
Xylenes (total)	UG/KG	11 U	11 U	11 U	12 U	11 U	11 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB24-04	1-N-SB24-07	1-N-SB25-01	1-N-SB25-06	1-N-SB26-01	1-N-SB26-04
Laboratory Sample ID:		940260-07	940260-08	940260-09	940259-01	940260-10	940260-12
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
bis(2-Chloroethyl) ether	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
2-Chlorophenol	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
1,3-Dichlorobenzene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
1,4-Dichlorobenzene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
1,2-Dichlorobenzene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
2-Methylphenol	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
2,2'-oxybis-(1-chloropropane)	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
4-Methylphenol	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
N-Nitroso-di-n-propylamine	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Hexachloroethane	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Nitrobenzene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Isophorone	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
2-Nitrophenol	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
2,4-Dimethylphenol	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
bis(2-Chloroethoxy) methane	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
2,4-Dichlorophenol	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
1,2,4-Trichlorobenzene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Naphthalene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
4-Chloroaniline	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Hexachlorobutadiene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
4-Chloro-3-methylphenol	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
2-Methylnaphthalene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Hexachlorocyclopentadiene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
2,4,6-Trichlorophenol	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
2,4,5-Trichlorophenol	UG/KG	930 UJ	940 U	870 U	980 U	880 U	2600 U
2-Chloronaphthalene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
2-Nitroaniline	UG/KG	930 UJ	940 U	870 U	980 U	880 U	2600 U
Dimethyl phthalate	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Acenaphthylene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
2,6-Dinitrotoluene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
3-Nitroaniline	UG/KG	930 UJ	940 U	870 U	980 U	880 U	2600 U
Acenaphthene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB24-04	1-N-SB24-07	1-N-SB25-01	1-N-SB25-06	1-N-SB26-01	1-N-SB26-04
Laboratory Sample ID:		940260-07	940260-08	940260-09	940259-01	940260-10	940260-12
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	930 UJ	940 U	870 U	980 U	880 U	2600 U
4-Nitrophenol	UG/KG	930 UJ	940 U	870 U	980 UJ	880 U	2600 U
Dibenzofuran	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
2,4-Dinitrotoluene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Diethylphthalate	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
4-Chlorophenyl phenyl ether	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Fluorene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
4-Nitroaniline	UG/KG	930 UJ	940 U	870 U	980 U	880 U	2600 U
4,6-Dinitro-2-methylphenol	UG/KG	930 UJ	940 U	870 U	980 U	880 U	2600 U
N-nitrosodiphenylamine	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
4-Bromophenyl-phenylether	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Hexachlorobenzene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Pentachlorophenol	UG/KG	930 UJ	940 U	870 U	980 U	880 U	2600 U
Phenanthrene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Anthracene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Carbazole	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
di-n-Butylphthalate	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Fluoranthene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Pyrene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Butyl benzyl phthalate	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
3,3'-Dichlorobenzidine	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Benzo[a]anthracene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Chrysene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
bis(2-Ethylhexyl)phthalate	UG/KG	900 J	390 U	860	410 U	360 U	8700
di-n-Octylphthalate	UG/KG	380 UJ	390 R	360 U	410 U	360 U	1100 U
Benzo[b]fluoranthene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Benzo[k]fluoranthene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Benzo[a]pyrene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Indeno[1,2,3-cd]pyrene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Dibenz[a,h]anthracene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U
Benzo[g,h,i]perylene	UG/KG	380 UJ	390 U	360 U	410 U	360 U	1100 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB24-04	1-N-SB24-07	1-N-SB25-01	1-N-SB25-06	1-N-SB26-01	1-N-SB26-04
Laboratory Sample ID:		940260-07	940260-08	940260-09	940259-01	940260-10	940260-12
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	2.0 UJ	2.0 UJ	1.9 U	2.1 U	9.3 U	1.8 U
beta-BHC	UG/KG	2.0 UJ	2.0 UJ	1.9 U	2.1 U	9.3 U	1.8 U
delta-BHC	UG/KG	2.0 UJ	2.0 UJ	1.9 U	2.1 U	9.3 U	1.8 U
Lindane (gamma-BHC)	UG/KG	2.0 UJ	2.0 UJ	1.9 U	2.1 U	9.3 U	1.8 U
Heptachlor	UG/KG	2.0 UJ	2.0 UJ	1.9 U	2.1 U	9.3 U	1.8 U
Aldrin	UG/KG	2.0 UJ	2.0 UJ	1.9 U	2.1 U	9.3 U	1.8 U
Heptachlor epoxide	UG/KG	2.0 UJ	2.0 UJ	1.9 U	2.1 U	9.3 U	1.8 U
Endosulfan I	UG/KG	2.0 UJ	2.0 UJ	1.9 U	2.1 U	9.3 U	1.8 U
Dieldrin	UG/KG	3.8 UJ	3.9 UJ	3.6 U	4.1 U	39 J	3.6 U
4,4'-DDE	UG/KG	3.8 UJ	3.9 UJ	3.6 U	4.1 U	120	3.6 U
Endrin	UG/KG	3.8 UJ	3.9 UJ	3.6 U	4.1 U	18 U	3.6 U
Endosulfan II	UG/KG	3.8 UJ	3.9 UJ	3.6 U	4.1 U	18 U	3.6 U
4,4'-DDD	UG/KG	3.8 UJ	3.9 UJ	3.6 U	4.1 U	28 J	3.6 U
Endosulfan sulfate	UG/KG	3.8 UJ	3.9 UJ	3.6 U	4.1 U	18 U	3.6 U
4,4'-DDT	UG/KG	3.8 UJ	3.9 UJ	3.6 U	4.1 U	18 J	3.6 U
Methoxychlor	UG/KG	20 UJ	20 UJ	19 U	21 U	93 U	18 U
Endrin ketone	UG/KG	3.8 UJ	3.9 UJ	3.6 U	4.1 U	18 U	3.6 U
Endrin aldehyde	UG/KG	3.8 UJ	3.9 UJ	3.6 U	4.1 U	18 U	3.6 U
alpha-Chlordane	UG/KG	2.0 UJ	2.0 UJ	1.9 U	2.1 U	4.2 NJ	1.8 U
gamma-Chlordane	UG/KG	2.0 UJ	2.0 UJ	1.9 U	2.1 U	2.9 NJ	1.8 U
Toxaphene	UG/KG	200 UJ	200 UJ	190 U	210 U	930 U	180 U
Aroclor 1016	UG/KG	38 U	39 UJ	36 U	41 U	180 U	36 U
Aroclor 1221	UG/KG	77 U	79 UJ	73 U	82 U	370 U	73 UJ
Aroclor 1232	UG/KG	38 U	39 UJ	36 U	41 U	180 U	36 UJ
Aroclor 1242	UG/KG	38 U	39 UJ	36 U	41 U	180 U	36 UJ
Aroclor 1248	UG/KG	38 U	39 UJ	36 U	41 U	180 U	36 UJ
Aroclor 1254	UG/KG	38 U	39 UJ	36 U	41 U	180 U	36 UJ
Aroclor 1260	UG/KG	38 U	39 UJ	36 U	41 U	180 U	36 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB27-01	1-N-SB27-05	1-N-SB28-01	1-N-SB28-04	1-N-SB29-02	1-N-SB30-03
Laboratory Sample ID:		940260-14	940259-02	940260-15	940260-16	940251-02	940251-03
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/28/94	3/29/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Bromomethane	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Vinyl chloride	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Chloroethane	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Methylene chloride	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Acetone	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Carbon Disulfide	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
1,1-Dichloroethene	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
1,1-Dichloroethane	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
1,2-Dichloroethene(total)	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Chloroform	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
1,2-Dichloroethane	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
2-Butanone	UG/KG	11 UJ	11 U	11 UJ	13 U	11 U	12 U
1,1,1-Trichloroethane	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Carbon tetrachloride	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Bromodichloromethane	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
1,2-Dichloropropane	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
cis-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Trichloroethene	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Dibromochloromethane	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
1,1,2-Trichloroethane	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Benzene	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
trans-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Bromoform	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
4-Methyl-2-pentanone	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
2-Hexanone	UG/KG	11 UJ	11 U	11 UJ	13 U	11 U	12 U
Tetrachloroethene	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Toluene	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Chlorobenzene	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Ethylbenzene	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Styrene	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U
Xylenes (total)	UG/KG	11 U	11 U	11 U	13 U	11 U	12 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB27-01	1-N-SB27-05	1-N-SB28-01	1-N-SB28-04	1-N-SB29-02	1-N-SB30-03
Laboratory Sample ID:		940260-14	940259-02	940260-15	940260-16	940251-02	940251-03
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/28/94	3/29/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
bis(2-Chloroethyl) ether	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
2-Chlorophenol	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
1,3-Dichlorobenzene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
1,4-Dichlorobenzene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
1,2-Dichlorobenzene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
2-Methylphenol	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
2,2'-oxybis-(1-chloropropane)	UG/KG	340 UJ	390 U	340 U	410 U	380 UJ	400 UJ
4-Methylphenol	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
N-Nitroso-di-n-propylamine	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Hexachloroethane	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Nitrobenzene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Isophorone	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
2-Nitrophenol	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
2,4-Dimethylphenol	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
bis(2-Chloroethoxy) methane	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
2,4-Dichlorophenol	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
1,2,4-Trichlorobenzene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Naphthalene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
4-Chloroaniline	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Hexachlorobutadiene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
4-Chloro-3-methylphenol	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
2-Methylnaphthalene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Hexachlorocyclopentadiene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
2,4,6-Trichlorophenol	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
2,4,5-Trichlorophenol	UG/KG	830 UJ	940 U	820 U	1000 U	920 U	970 U
2-Chloronaphthalene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
2-Nitroaniline	UG/KG	830 UJ	940 U	820 U	1000 U	920 U	970 U
Dimethyl phthalate	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Acenaphthylene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
2,6-Dinitrotoluene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
3-Nitroaniline	UG/KG	830 UJ	940 U	820 U	1000 U	920 U	970 U
Acenaphthene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB27-01	1-N-SB27-05	1-N-SB28-01	1-N-SB28-04	1-N-SB29-02	1-N-SB30-03
Laboratory Sample ID:		940260-14	940259-02	940260-15	940260-16	940251-02	940251-03
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/28/94	3/29/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	830 UJ	940 U	820 U	1000 U	920 U	970 U
4-Nitrophenol	UG/KG	830 UJ	940 UJ	820 U	1000 U	920 U	970 U
Dibenzofuran	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
2,4-Dinitrotoluene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Diethylphthalate	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
4-Chlorophenyl phenyl ether	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Fluorene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
4-Nitroaniline	UG/KG	830 UJ	940 U	820 U	1000 U	920 U	970 U
4,6-Dinitro-2-methylphenol	UG/KG	830 UJ	940 U	820 U	1000 U	920 U	970 U
N-nitrosodiphenylamine	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
4-Bromophenyl-phenylether	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Hexachlorobenzene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Pentachlorophenol	UG/KG	830 UJ	940 U	820 U	1000 U	920 U	970 U
Phenanthrene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Anthracene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Carbazole	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
di-n-Butylphthalate	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Fluoranthene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Pyrene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Butyl benzyl phthalate	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
3,3'-Dichlorobenzidine	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Benzo[a]anthracene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Chrysene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
bis(2-Ethylhexyl)phthalate	UG/KG	340 U	390 U	550	2700	380 U	400 U
di-n-Octylphthalate	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Benzo[b]fluoranthene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Benzo[k]fluoranthene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Benzo[a]pyrene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Indeno[1,2,3-cd]pyrene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Dibenz[a,h]anthracene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U
Benzo[g,h,i]perylene	UG/KG	340 UJ	390 U	340 U	410 U	380 U	400 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB27-01	1-N-SB27-05	1-N-SB28-01	1-N-SB28-04	1-N-SB29-02	1-N-SB30-03
Laboratory Sample ID:		940260-14	940259-02	940260-15	940260-16	940251-02	940251-03
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/28/94	3/29/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.8 U	2.0 UJ	1.7 U	2.1 U	2.0 U	2.1 U
beta-BHC	UG/KG	1.8 U	2.0 UJ	1.7 U	2.1 U	2.0 U	2.1 U
delta-BHC	UG/KG	1.8 U	2.0 UJ	1.7 U	2.1 U	2.0 U	2.1 U
Lindane (gamma-BHC)	UG/KG	1.8 U	2.0 UJ	1.7 U	2.1 U	2.0 U	2.1 U
Heptachlor	UG/KG	1.8 U	2.0 UJ	1.7 U	2.1 U	2.0 U	2.1 U
Aldrin	UG/KG	1.8 U	2.0 UJ	1.7 U	2.1 U	2.0 U	2.1 U
Heptachlor epoxide	UG/KG	1.8 U	2.0 UJ	1.7 U	2.1 U	2.0 U	2.1 U
Endosulfan I	UG/KG	1.8 U	2.0 UJ	1.7 U	2.1 U	2.0 U	2.1 U
Dieldrin	UG/KG	3.4 U	3.9 UJ	3.4 U	4.1 U	3.8 U	4.0 U
4,4'-DDE	UG/KG	3.4 U	3.9 UJ	3.4 U	4.1 U	3.8 U	4.0 U
Endrin	UG/KG	3.4 U	3.9 UJ	3.4 U	4.1 U	3.8 U	4.0 U
Endosulfan II	UG/KG	3.4 U	3.9 UJ	3.4 U	4.1 U	3.8 U	4.0 U
4,4'-DDD	UG/KG	3.4 U	3.9 UJ	3.4 U	4.1 U	3.8 U	4.0 U
Endosulfan sulfate	UG/KG	3.4 U	3.9 UJ	3.4 U	4.1 U	3.8 U	4.0 U
4,4'-DDT	UG/KG	5.5 U	3.9 UJ	3.4 U	4.1 U	3.8 U	4.0 U
Methoxychlor	UG/KG	18 U	20 UJ	17 U	21 U	20 U	21 U
Endrin ketone	UG/KG	3.4 U	3.9 UJ	3.4 U	4.1 U	3.8 U	4.0 U
Endrin aldehyde	UG/KG	3.4 U	3.9 UJ	3.4 U	4.1 U	3.8 U	4.0 U
alpha-Chlordane	UG/KG	1.8 U	2.0 UJ	1.7 U	2.1 U	2.0 U	2.1 U
gamma-Chlordane	UG/KG	1.8 U	2.0 UJ	1.7 U	2.1 U	2.0 U	2.1 U
Toxaphene	UG/KG	180 U	200 UJ	170 U	210 U	200 U	210 U
Aroclor 1016	UG/KG	34 U	39 UJ	34 U	41 U	38 U	40 U
Aroclor 1221	UG/KG	70 U	79 UJ	68 U	83 U	77 U	82 U
Aroclor 1232	UG/KG	34 U	39 UJ	34 U	41 U	38 U	40 U
Aroclor 1242	UG/KG	34 U	39 UJ	34 U	41 U	38 U	40 U
Aroclor 1248	UG/KG	34 U	39 UJ	34 U	41 U	38 U	40 U
Aroclor 1254	UG/KG	34 U	39 UJ	34 U	41 U	38 U	40 U
Aroclor 1260	UG/KG	34 U	39 UJ	34 U	41 U	38 U	40 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB31-01	1-N-SB31-04	1-N-SB32-01	1-N-SB32-04	1-N-SB32-07	1-N-SB33-01
Laboratory Sample ID:		940260-17	940259-03	940272-01	940271-01	940271-02	940320-05
Date Sampled:		3/29/94	3/29/94	4/5/94	4/5/94	4/5/94	4/18/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Bromomethane	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Vinyl chloride	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Chloroethane	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Methylene chloride	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Acetone	UG/KG	10 U	12 U	10 U	11 U	9 J	11 U
Carbon Disulfide	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
1,1-Dichloroethene	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
1,1-Dichloroethane	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
1,2-Dichloroethene(total)	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Chloroform	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
1,2-Dichloroethane	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
2-Butanone	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
1,1,1-Trichloroethane	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Carbon tetrachloride	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Bromodichloromethane	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
1,2-Dichloropropane	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Trichloroethene	UG/KG	10 U	12 U	10 U	11 U	3 J	11 U
Dibromochloromethane	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Benzene	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
trans-1,3-Dichloropropene	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Bromoform	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
2-Hexanone	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Tetrachloroethene	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Toluene	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Chlorobenzene	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Ethylbenzene	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Styrene	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U
Xylenes (total)	UG/KG	10 U	12 U	10 U	11 U	11 U	11 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB31-01	1-N-SB31-04	1-N-SB32-01	1-N-SB32-04	1-N-SB32-07	1-N-SB33-01
Laboratory Sample ID:		940260-17	940259-03	940272-01	940271-01	940271-02	940320-05
Date Sampled:		3/29/94	3/29/94	4/5/94	4/5/94	4/5/94	4/18/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
bis(2-Chloroethyl) ether	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
2-Chlorophenol	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
1,3-Dichlorobenzene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
1,4-Dichlorobenzene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
1,2-Dichlorobenzene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
2-Methylphenol	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
2,2'-oxybis-(1-chloropropane)	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
4-Methylphenol	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
N-Nitroso-di-n-propylamine	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
Hexachloroethane	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
Nitrobenzene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
Isophorone	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
2-Nitrophenol	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
2,4-Dimethylphenol	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
bis(2-Chloroethoxy) methane	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
2,4-Dichlorophenol	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
1,2,4-Trichlorobenzene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
Naphthalene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
4-Chloroaniline	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
Hexachlorobutadiene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
4-Chloro-3-methylphenol	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
2-Methylnaphthalene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
Hexachlorocyclopentadiene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
2,4,6-Trichlorophenol	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
2,4,5-Trichlorophenol	UG/KG	860 U	1000 U	890 U	870 R	900 R	840 U
2-Chloronaphthalene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
2-Nitroaniline	UG/KG	860 U	1000 U	890 U	870 R	900 R	840 U
Dimethyl phthalate	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
Acenaphthylene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
2,6-Dinitrotoluene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
3-Nitroaniline	UG/KG	860 U	1000 U	890 U	870 R	900 R	840 U
Acenaphthene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB31-01	1-N-SB31-04	1-N-SB32-01	1-N-SB32-04	1-N-SB32-07	1-N-SB33-01
Laboratory Sample ID:		940260-17	940259-03	940272-01	940271-01	940271-02	940320-05
Date Sampled:		3/29/94	3/29/94	4/5/94	4/5/94	4/5/94	4/18/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	860 U	1000 U	890 U	870 R	900 R	840 U
4-Nitrophenol	UG/KG	860 U	1000 UJ	890 U	870 R	900 R	840 U
Dibenzofuran	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
2,4-Dinitrotoluene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
Diethylphthalate	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
4-Chlorophenyl phenyl ether	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
Fluorene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
4-Nitroaniline	UG/KG	860 U	1000 U	890 U	870 R	900 R	840 U
4,6-Dinitro-2-methylphenol	UG/KG	860 U	1000 U	890 U	870 R	900 R	840 U
N-nitrosodiphenylamine	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
4-Bromophenyl-phenylether	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
Hexachlorobenzene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
Pentachlorophenol	UG/KG	860 U	1000 U	890 U	870 R	900 R	840 U
Phenanthrene	UG/KG	360 U	420 U	370 U	64 R	370 R	350 U
Anthracene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
Carbazole	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
di-n-Butylphthalate	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
Fluoranthene	UG/KG	360 U	420 U	370 U	360 R	370 R	350 U
Pyrene	UG/KG	360 UJ	420 U	370 U	360 R	370 R	350 U
Butyl benzyl phthalate	UG/KG	360 UJ	420 U	370 U	360 R	370 R	350 U
3,3'-Dichlorobenzidine	UG/KG	360 UJ	420 U	370 U	360 R	370 R	350 U
Benzo[a]anthracene	UG/KG	360 UJ	420 U	370 U	360 R	370 R	350 U
Chrysene	UG/KG	360 UJ	420 U	370 U	360 R	370 R	350 U
bis(2-Ethylhexyl)phthalate	UG/KG	360 UJ	420 U	370 U	360 R	370 R	36 J
di-n-Octylphthalate	UG/KG	360 UJ	420 U	370 U	360 R	370 R	350 U
Benzo[b]fluoranthene	UG/KG	360 UJ	420 U	370 U	360 R	370 R	350 U
Benzo[k]fluoranthene	UG/KG	360 UJ	420 U	370 U	360 R	370 R	350 U
Benzo[a]pyrene	UG/KG	360 UJ	420 U	370 U	360 R	370 R	350 U
Indeno[1,2,3-cd]pyrene	UG/KG	360 UJ	420 U	370 U	360 R	370 R	350 U
Dibenz[a,h]anthracene	UG/KG	360 UJ	420 U	370 U	360 R	370 R	350 U
Benzo[g,h,i]perylene	UG/KG	360 UJ	420 U	370 U	360 R	370 R	350 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB31-01	1-N-SB31-04	1-N-SB32-01	1-N-SB32-04	1-N-SB32-07	1-N-SB33-01
Laboratory Sample ID:		940260-17	940259-03	940272-01	940271-01	940271-02	940320-05
Date Sampled:		3/29/94	3/29/94	4/5/94	4/5/94	4/5/94	4/18/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.8 U	2.2 UJ	1.9 U	1.9 U	1.9 UJ	1.8 U
beta-BHC	UG/KG	1.8 U	2.2 UJ	1.9 U	1.9 U	1.9 UJ	1.8 U
delta-BHC	UG/KG	1.8 U	2.2 UJ	1.9 U	1.9 U	1.9 UJ	1.8 U
Lindane (gamma-BHC)	UG/KG	1.8 U	2.2 UJ	1.9 U	1.9 U	1.9 UJ	1.8 U
Heptachlor	UG/KG	1.8 U	2.2 UJ	1.9 U	1.9 U	1.9 UJ	1.8 U
Aldrin	UG/KG	1.8 U	2.2 UJ	1.9 U	1.9 U	1.9 UJ	1.8 U
Heptachlor epoxide	UG/KG	1.8 U	2.2 UJ	1.9 U	1.9 U	1.9 UJ	1.8 U
Endosulfan I	UG/KG	1.8 U	2.2 UJ	1.9 U	1.9 U	1.9 UJ	1.8 U
Dieldrin	UG/KG	3.6 U	4.2 UJ	3.7 U	3.6 U	3.7 UJ	3.4 U
4,4'-DDE	UG/KG	3.6 U	4.2 UJ	3.7 U	3.6 U	3.7 UJ	3.4 U
Endrin	UG/KG	3.6 U	4.2 UJ	3.7 U	3.6 U	3.7 UJ	3.4 U
Endosulfan II	UG/KG	3.6 U	4.2 UJ	3.7 U	3.6 U	3.7 UJ	3.4 U
4,4'-DDD	UG/KG	3.6 U	4.2 UJ	3.7 U	3.6 U	3.7 UJ	3.4 U
Endosulfan sulfate	UG/KG	3.6 U	4.2 UJ	3.7 U	3.6 U	3.7 UJ	3.4 U
4,4'-DDT	UG/KG	3.6 U	4.2 UJ	3.7 U	3.6 U	3.7 UJ	3.4 U
Methoxychlor	UG/KG	18 U	22 UJ	19.0 U	19 U	19 UJ	18 U
Endrin ketone	UG/KG	3.6 U	4.2 UJ	3.7 U	3.6 U	3.7 UJ	3.4 U
Endrin aldehyde	UG/KG	3.6 U	4.2 UJ	3.7 U	3.6 U	3.7 UJ	3.4 U
alpha-Chlordane	UG/KG	1.8 U	2.2 UJ	1.9 U	1.9 U	1.9 UJ	1.8 U
gamma-Chlordane	UG/KG	1.8 U	2.2 UJ	1.9 U	1.9 U	1.9 UJ	1.8 U
Toxaphene	UG/KG	180 U	220 UJ	190 U	190 U	190 UJ	180 U
Aroclor 1016	UG/KG	36 U	42 UJ	37 U	36 U	37 UJ	34 U
Aroclor 1221	UG/KG	72 U	85 UJ	74 U	73 U	76 UJ	70 U
Aroclor 1232	UG/KG	36 U	42 UJ	37 U	36 U	37 UJ	34 U
Aroclor 1242	UG/KG	36 U	42 UJ	37 U	36 U	37 UJ	34 U
Aroclor 1248	UG/KG	36 U	42 UJ	37 U	36 U	37 UJ	34 U
Aroclor 1254	UG/KG	36 U	42 UJ	37 U	36 U	37 UJ	34 U
Aroclor 1260	UG/KG	36 U	42 UJ	37 U	36 U	37 UJ	34 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB33-04	1-N-SB33-07	1-N-SB34-01	1-N-SB34-03	1-N-SB34-07	1-N-SB35-01
Laboratory Sample ID:		940320-06	940320-07	940260-18	940260-19	940260-20	940260-21
Date Sampled:		4/18/94	4/18/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Bromomethane	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Vinyl chloride	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Chloroethane	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Methylene chloride	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Acetone	UG/KG	12 U	11 U	12	15	32	10 U
Carbon Disulfide	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
1,1-Dichloroethene	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
1,1-Dichloroethane	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
1,2-Dichloroethene(total)	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Chloroform	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
1,2-Dichloroethane	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
2-Butanone	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
1,1,1-Trichloroethane	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Carbon tetrachloride	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Bromodichloromethane	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
1,2-Dichloropropane	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
cis-1,3-Dichloropropene	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Trichloroethene	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Dibromochloromethane	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
1,1,2-Trichloroethane	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Benzene	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
trans-1,3-Dichloropropene	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Bromoform	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
4-Methyl-2-pentanone	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
2-Hexanone	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Tetrachloroethene	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
1,1,2,2-Tetrachloroethane	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Toluene	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Chlorobenzene	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Ethylbenzene	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Styrene	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U
Xylenes (total)	UG/KG	12 U	11 U	10 U	11 U	11 U	10 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB33-04	1-N-SB33-07	1-N-SB34-01	1-N-SB34-03	1-N-SB34-07	1-N-SB35-01
Laboratory Sample ID:		940320-06	940320-07	940260-18	940260-19	940260-20	940260-21
Date Sampled:		4/18/94	4/18/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
bis(2-Chloroethyl) ether	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
2-Chlorophenol	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
1,3-Dichlorobenzene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
1,4-Dichlorobenzene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
1,2-Dichlorobenzene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
2-Methylphenol	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
2,2'-oxybis-(1-chloropropane)	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
4-Methylphenol	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
N-Nitroso-di-n-propylamine	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Hexachloroethane	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Nitrobenzene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Isophorone	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
2-Nitrophenol	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
2,4-Dimethylphenol	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
bis(2-Chloroethoxy) methane	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
2,4-Dichlorophenol	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
1,2,4-Trichlorobenzene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Naphthalene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
4-Chloroaniline	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Hexachlorobutadiene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
4-Chloro-3-methylphenol	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
2-Methylnaphthalene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Hexachlorocyclopentadiene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
2,4,6-Trichlorophenol	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
2,4,5-Trichlorophenol	UG/KG	910 U	830 U	840 U	920 U	900 U	890 U
2-Chloronaphthalene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
2-Nitroaniline	UG/KG	910 U	830 U	840 U	920 U	900 U	890 U
Dimethyl phthalate	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Acenaphthylene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
2,6-Dinitrotoluene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
3-Nitroaniline	UG/KG	910 U	830 U	840 U	920 U	900 U	890 U
Acenaphthene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB33-04	1-N-SB33-07	1-N-SB34-01	1-N-SB34-03	1-N-SB34-07	1-N-SB35-01
Laboratory Sample ID:		940320-06	940320-07	940260-18	940260-19	940260-20	940260-21
Date Sampled:		4/18/94	4/18/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	910 U	830 U	840 U	920 U	900 U	890 U
4-Nitrophenol	UG/KG	910 U	830 U	840 U	920 U	900 U	890 U
Dibenzofuran	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
2,4-Dinitrotoluene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Diethylphthalate	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
4-Chlorophenyl phenyl ether	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Fluorene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
4-Nitroaniline	UG/KG	910 U	830 U	840 U	920 U	900 U	890 U
4,6-Dinitro-2-methylphenol	UG/KG	910 U	830 U	840 U	920 U	900 U	890 U
N-nitrosodiphenylamine	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
4-Bromophenyl-phenylether	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Hexachlorobenzene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Pentachlorophenol	UG/KG	910 U	830 U	840 U	920 U	900 U	890 U
Phenanthrene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Anthracene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Carbazole	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
di-n-Butylphthalate	UG/KG	74 J	340 U	350 U	380 U	370 U	370 U
Fluoranthene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Pyrene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 UJ
Butyl benzyl phthalate	UG/KG	380 U	340 U	350 U	380 U	370 U	370 UJ
3,3'-Dichlorobenzidine	UG/KG	380 U	340 U	350 U	380 U	370 U	370 UJ
Benzo[a]anthracene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 UJ
Chrysene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	150 J	240 J	350 U	380 U	370 U	2200 J
di-n-Octylphthalate	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Benzo[b]fluoranthene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Benzo[k]fluoranthene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Benzo[a]pyrene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Indeno[1,2,3-cd]pyrene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Dibenz[a,h]anthracene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U
Benzo[g,h,i]perylene	UG/KG	380 U	340 U	350 U	380 U	370 U	370 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB33-04	1-N-SB33-07	1-N-SB34-01	1-N-SB34-03	1-N-SB34-07	1-N-SB35-01
Laboratory Sample ID:		940320-06	940320-07	940260-18	940260-19	940260-20	940260-21
Date Sampled:		4/18/94	4/18/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.9 U	1.8 U	1.8 UJ	2.0 U	1.9 U	9.4 U
beta-BHC	UG/KG	1.9 U	1.8 U	1.8 UJ	2.0 U	1.9 U	9.4 U
delta-BHC	UG/KG	1.9 U	1.8 U	1.8 UJ	2.0 U	1.9 U	9.4 U
Lindane (gamma-BHC)	UG/KG	1.9 U	1.8 U	1.8 UJ	2.0 U	1.9 U	9.4 U
Heptachlor	UG/KG	1.9 U	1.8 U	1.8 UJ	2.0 U	1.9 U	9.4 U
Aldrin	UG/KG	1.9 U	1.8 U	1.8 UJ	2.0 U	1.9 U	9.4 U
Heptachlor epoxide	UG/KG	1.9 U	1.8 U	1.8 UJ	2.0 U	1.9 U	9.4 U
Endosulfan I	UG/KG	1.9 U	1.8 U	1.8 UJ	2.0 U	1.9 U	9.4 U
Dieldrin	UG/KG	3.8 U	3.4 U	3.4 UJ	3.8 U	3.7 U	18 U
4,4'-DDE	UG/KG	3.8 U	3.4 U	3.4 UJ	3.8 U	3.7 U	18 U
Endrin	UG/KG	3.8 U	3.4 U	3.4 UJ	3.8 U	3.7 U	18 U
Endosulfan II	UG/KG	3.8 U	3.4 U	3.4 UJ	3.8 U	3.7 U	55
4,4'-DDD	UG/KG	3.8 U	3.4 U	3.4 UJ	3.8 U	3.7 U	18 U
Endosulfan sulfate	UG/KG	3.8 U	3.4 U	3.4 UJ	3.8 U	3.7 U	18 U
4,4'-DDT	UG/KG	3.8 U	3.4 U	6.2 J	3.8	3.9 U	18 U
Methoxychlor	UG/KG	19 U	18 U	18 UJ	20 U	19 U	94 U
Endrin ketone	UG/KG	3.8 U	3.4 U	3.4 UJ	3.8 U	3.7 U	18 U
Endrin aldehyde	UG/KG	3.8 U	3.4 U	3.4 UJ	3.8 U	3.7 U	24 NJ
alpha-Chlordane	UG/KG	1.9 U	1.8 U	1.8 UJ	2.0 U	1.9 U	9.4 U
gamma-Chlordane	UG/KG	1.9 U	1.8 U	1.8 UJ	2.0 U	1.9 U	9.4 U
Toxaphene	UG/KG	190 U	180 U	180 UJ	190 U	190 U	940 U
Aroclor 1016	UG/KG	38 U	34 U	34 UJ	38 U	37 U	180 U
Aroclor 1221	UG/KG	76 U	70 U	70 UJ	77 U	75 U	370 U
Aroclor 1232	UG/KG	38 U	34 U	34 UJ	38 U	37 U	180 U
Aroclor 1242	UG/KG	38 U	34 U	34 UJ	38 U	37 U	180 U
Aroclor 1248	UG/KG	38 U	34 U	34 UJ	38 U	37 U	180 U
Aroclor 1254	UG/KG	38 U	34 U	34 UJ	38 U	37 U	180 U
Aroclor 1260	UG/KG	38 U	34 U	34 UJ	38 U	37 U	1300

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB35-06	1-N-SB36-01	1-N-SB36-06	1-N-SB37-01	1-N-SB37-02	1-GW07-03
Laboratory Sample ID:		940260-22	940225-12	940251-04	940260-23	940260-24	940289-27
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	4/12/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Bromomethane	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Vinyl chloride	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Chloroethane	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Methylene chloride	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Acetone	UG/KG	30	11 UJ	11 U	10 U	19 U	12 U
Carbon Disulfide	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
1,1-Dichloroethene	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
1,1-Dichloroethane	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
1,2-Dichloroethene(total)	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Chloroform	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
1,2-Dichloroethane	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
2-Butanone	UG/KG	11 U	11 UJ	11 U	10 U	19 U	12 U
1,1,1-Trichloroethane	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Carbon tetrachloride	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Bromodichloromethane	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
1,2-Dichloropropane	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
cis-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Trichloroethene	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Dibromochloromethane	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
1,1,2-Trichloroethane	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Benzene	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
trans-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Bromoform	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
4-Methyl-2-pentanone	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
2-Hexanone	UG/KG	11 U	11 UJ	11 U	10 U	19 U	12 U
Tetrachloroethene	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Toluene	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Chlorobenzene	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Ethylbenzene	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Styrene	UG/KG	11 U	11 U	11 U	10 U	19 U	12 U
Xylenes (total)	UG/KG	11 U	11 U	11 U		19 U	12 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB35-06	1-N-SB36-01	1-N-SB36-06	1-N-SB37-01	1-N-SB37-02	1-GW07-03
Laboratory Sample ID:		940260-22	940225-12	940251-04	940260-23	940260-24	940289-27
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	4/12/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
bis(2-Chloroethyl) ether	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
2-Chlorophenol	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
1,3-Dichlorobenzene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
1,4-Dichlorobenzene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
1,2-Dichlorobenzene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
2-Methylphenol	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
2,2'-oxybis-(1-chloropropane)	UG/KG	390 UJ	360 UJ	390 UJ	390 UJ	390 U	390 U
4-Methylphenol	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
N-Nitroso-di-n-propylamine	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Hexachloroethane	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Nitrobenzene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Isophorone	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
2-Nitrophenol	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
2,4-Dimethylphenol	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
bis(2-Chloroethoxy) methane	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
2,4-Dichlorophenol	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
1,2,4-Trichlorobenzene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Naphthalene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
4-Chloroaniline	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Hexachlorobutadiene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
4-Chloro-3-methylphenol	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
2-Methylnaphthalene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Hexachlorocyclopentadiene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
2,4,6-Trichlorophenol	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
2,4,5-Trichlorophenol	UG/KG	940 U	870 U	950 U	940 U	940 U	940 U
2-Chloronaphthalene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
2-Nitroaniline	UG/KG	940 U	870 U	950 U	940 U	940 U	940 U
Dimethyl phthalate	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Acenaphthylene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
2,6-Dinitrotoluene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
3-Nitroaniline	UG/KG	940 U	870 U	950 U	940 U	940 U	940 U
Acenaphthene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB35-06	1-N-SB36-01	1-N-SB36-06	1-N-SB37-01	1-N-SB37-02	1-GW07-03
Laboratory Sample ID:		940260-22	940225-12	940251-04	940260-23	940260-24	940289-27
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	4/12/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	940 U	870 U	950 U	940 U	940 U	940 U
4-Nitrophenol	UG/KG	940 U	870 U	950 U	940 U	940 U	940 U
Dibenzofuran	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
2,4-Dinitrotoluene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Diethylphthalate	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
4-Chlorophenyl phenyl ether	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Fluorene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
4-Nitroaniline	UG/KG	940 U	870 U	950 U	940 U	940 U	940 U
4,6-Dinitro-2-methylphenol	UG/KG	940 U	870 U	950 U	940 U	940 U	940 U
N-nitrosodiphenylamine	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
4-Bromophenyl-phenylether	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Hexachlorobenzene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Pentachlorophenol	UG/KG	940 U	870 U	950 U	940 U	940 U	940 U
Phenanthrene	UG/KG	390 U	360 U	47 J	390 U	390 U	390 U
Anthracene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Carbazole	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
di-n-Butylphthalate	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Fluoranthene	UG/KG	390 U	360 U	110 J	390 U	390 U	390 U
Pyrene	UG/KG	390 U	360 U	86 J	390 U	390 U	390 U
Butyl benzyl phthalate	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
3,3'-Dichlorobenzidine	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Benzo[a]anthracene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Chrysene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
bis(2-Ethylhexyl)phthalate	UG/KG	390 U	8600 R	390 U	390 U	390 U	49 J
di-n-Octylphthalate	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Benzo[b]fluoranthene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Benzo[k]fluoranthene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Benzo[a]pyrene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Indeno[1,2,3-cd]pyrene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Dibenz[a,h]anthracene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U
Benzo[g,h,i]perylene	UG/KG	390 U	360 U	390 U	390 U	390 U	390 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB35-06	1-N-SB36-01	1-N-SB36-06	1-N-SB37-01	1-N-SB37-02	1-GW07-03
Laboratory Sample ID:		940260-22	940225-12	940251-04	940260-23	940260-24	940289-27
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	4/12/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	2.0 UJ	1.9 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
beta-BHC	UG/KG	2.0 UJ	1.9 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
delta-BHC	UG/KG	2.0 UJ	1.9 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
Lindane (gamma-BHC)	UG/KG	2.0 UJ	1.9 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
Heptachlor	UG/KG	2.0 UJ	1.9 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
Aldrin	UG/KG	2.0 UJ	1.9 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
Heptachlor epoxide	UG/KG	2.0 UJ	1.9 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
Endosulfan I	UG/KG	2.0 UJ	1.9 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
Dieldrin	UG/KG	3.9 UJ	3.6 UJ	3.9 U	3.9 UJ	3.9 UJ	3.9 UJ
4,4'-DDE	UG/KG	3.9 UJ	3.6 UJ	3.9 U	3.9 UJ	3.9 UJ	3.9 UJ
Endrin	UG/KG	3.9 UJ	3.6 UJ	3.9 U	3.9 UJ	3.9 UJ	3.9 UJ
Endosulfan II	UG/KG	3.9 UJ	3.6 UJ	3.9 U	3.9 UJ	3.9 UJ	3.9 UJ
4,4'-DDD	UG/KG	3.9 UJ	3.6 UJ	3.9 U	3.9 UJ	3.9 UJ	3.9 UJ
Endosulfan sulfate	UG/KG	3.9 UJ	3.6 UJ	3.9 U	3.9 UJ	3.9 UJ	3.9 UJ
4,4'-DDT	UG/KG	3.9 UJ	3.6 UJ	3.9 U	3.9 UJ	5.5 J	3.9 UJ
Methoxychlor	UG/KG	20 UJ	19 UJ	20 U	20 UJ	20 UJ	20 UJ
Endrin ketone	UG/KG	3.9 UJ	3.6 UJ	3.9 U	3.9 UJ	3.9 UJ	3.9 UJ
Endrin aldehyde	UG/KG	3.9 UJ	3.6 UJ	3.9 U	3.9 UJ	3.9 UJ	3.9 UJ
alpha-Chlordane	UG/KG	2.0 UJ	1.9 UJ	2.0 U	2.0 UJ	9.2 NJ	2.0 UJ
gamma-Chlordane	UG/KG	2.0 UJ	1.9 UJ	2.0 U	2.0 UJ	2.5 NJ	2.0 UJ
Toxaphene	UG/KG	200 UJ	190 UJ	200 U	200 UJ	200 UJ	200 UJ
Aroclor 1016	UG/KG	39 UJ	36 UJ	39 U	39 UJ	39 UJ	39 UJ
Aroclor 1221	UG/KG	79 UJ	73 UJ	79 U	79 UJ	79 UJ	79 UJ
Aroclor 1232	UG/KG	39 UJ	36 UJ	39 U	39 UJ	39 UJ	39 UJ
Aroclor 1242	UG/KG	39 UJ	36 UJ	39 U	39 UJ	39 UJ	39 UJ
Aroclor 1248	UG/KG	39 UJ	36 UJ	39 U	39 UJ	39 UJ	39 UJ
Aroclor 1254	UG/KG	39 UJ	36 UJ	39 U	39 UJ	39 UJ	39 UJ
Aroclor 1260	UG/KG	39 UJ	36 UJ	39 U	39 UJ	39 UJ	39 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW07-06	1-GW08-03	1-GW08-06	1-GW09-03	1-GW10-03	1-GW10-06
Laboratory Sample ID:		940289-28	940302-02	940302-03	940289-10	940289-30	940289-31
Date Sampled:		4/12/94	4/12/94	4/12/94	4/10/94	4/11/94	4/11/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Bromomethane	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Vinyl chloride	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Chloroethane	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Methylene chloride	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Acetone	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Carbon Disulfide	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
1,1-Dichloroethene	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
1,1-Dichloroethane	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
1,2-Dichloroethene(total)	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Chloroform	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
1,2-Dichloroethane	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
2-Butanone	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
1,1,1-Trichloroethane	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Carbon tetrachloride	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Bromodichloromethane	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
1,2-Dichloropropane	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
cis-1,3-Dichloropropene	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Trichloroethene	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Dibromochloromethane	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
1,1,2-Trichloroethane	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Benzene	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
trans-1,3-Dichloropropene	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Bromoform	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
4-Methyl-2-pentanone	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
2-Hexanone	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Tetrachloroethene	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
1,1,2,2-Tetrachloroethane	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Toluene	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Chlorobenzene	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Ethylbenzene	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Styrene	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U
Xylenes (total)	UG/KG	12 U	11 U	12 U	12 U	12 U	13 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW07-06	1-GW08-03	1-GW08-06	1-GW09-03	1-GW10-03	1-GW10-06
Laboratory Sample ID:		940289-28	940302-02	940302-03	940289-10	940289-30	940289-31
Date Sampled:		4/12/94	4/12/94	4/12/94	4/10/94	4/11/94	4/11/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
bis(2-Chloroethyl) ether	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
2-Chlorophenol	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
1,3-Dichlorobenzene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
1,4-Dichlorobenzene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
1,2-Dichlorobenzene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
2-Methylphenol	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
2,2'-oxybis-(1-chloropropane)	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
4-Methylphenol	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
N-Nitroso-di-n-propylamine	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Hexachloroethane	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Nitrobenzene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Isophorone	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
2-Nitrophenol	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
2,4-Dimethylphenol	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
bis(2-Chloroethoxy) methane	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
2,4-Dichlorophenol	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
1,2,4-Trichlorobenzene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Naphthalene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
4-Chloroaniline	UG/KG	390 U	370 UJ	390 UJ	380 U	410 U	430 U
Hexachlorobutadiene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
4-Chloro-3-methylphenol	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
2-Methylnaphthalene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Hexachlorocyclopentadiene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
2,4,6-Trichlorophenol	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
2,4,5-Trichlorophenol	UG/KG	940 U	900 U	950 U	920 U	1000 U	1100 U
2-Chloronaphthalene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
2-Nitroaniline	UG/KG	940 U	900 U	950 U	920 U	1000 U	1100 U
Dimethyl phthalate	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Acenaphthylene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
2,6-Dinitrotoluene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
3-Nitroaniline	UG/KG	940 U	900 UJ	950 UJ	920 U	1000 U	1100 U
Acenaphthene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW07-06	1-GW08-03	1-GW08-06	1-GW09-03	1-GW10-03	1-GW10-06
Laboratory Sample ID:		940289-28	940302-02	940302-03	940289-10	940289-30	940289-31
Date Sampled:		4/12/94	4/12/94	4/12/94	4/10/94	4/11/94	4/11/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	940 U	900 UJ	950 UJ	920 U	1000 U	1100 U
4-Nitrophenol	UG/KG	940 U	900 U	950 U	920 U	1000 U	1100 U
Dibenzofuran	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
2,4-Dinitrotoluene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Diethylphthalate	UG/KG	390 U	370 U	390 U	380 UJ	410 U	430 U
4-Chlorophenyl phenyl ether	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Fluorene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
4-Nitroaniline	UG/KG	940 U	900 U	950 U	920 U	1000 U	1100 U
4,6-Dinitro-2-methylphenol	UG/KG	940 U	900 U	950 U	920 UJ	1000 U	1100 U
N-nitrosodiphenylamine	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
4-Bromophenyl-phenylether	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Hexachlorobenzene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Pentachlorophenol	UG/KG	940 U	900 U	950 U	920 U	1000 U	1100 U
Phenanthrene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Anthracene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Carbazole	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
di-n-Butylphthalate	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Fluoranthene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Pyrene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Butyl benzyl phthalate	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
3,3'-Dichlorobenzidine	UG/KG	390 U	370 U	390 U	380 UJ	410 U	430 U
Benzo[a]anthracene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Chrysene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
bis(2-Ethylhexyl)phthalate	UG/KG	390 U	61 J	390 U	39 J	410 U	430 U
di-n-Octylphthalate	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Benzo[b]fluoranthene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Benzo[k]fluoranthene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Benzo[a]pyrene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Indeno[1,2,3-cd]pyrene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Dibenz[a,h]anthracene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U
Benzo[g,h,i]perylene	UG/KG	390 U	370 U	390 U	380 U	410 U	430 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW07-06	1-GW08-03	1-GW08-06	1-GW09-03	1-GW10-03	1-GW10-06
Laboratory Sample ID:		940289-28	940302-02	940302-03	940289-10	940289-30	940289-31
Date Sampled:		4/12/94	4/12/94	4/12/94	4/10/94	4/11/94	4/11/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	2.0 U	1.9 UJ	2.3 UJ	2.0 U	2.1 U	2.2 UJ
beta-BHC	UG/KG	2.0 U	1.9 UJ	2.3 UJ	2.0 U	2.1 U	2.2 UJ
delta-BHC	UG/KG	2.0 U	1.9 UJ	2.3 UJ	2.0 U	2.1 U	2.2 UJ
Lindane (gamma-BHC)	UG/KG	2.0 U	1.9 UJ	2.3 UJ	2.0 U	2.1 U	2.2 UJ
Heptachlor	UG/KG	2.0 U	1.9 UJ	2.3 UJ	2.0 U	2.1 U	2.2 UJ
Aldrin	UG/KG	2.0 U	1.9 UJ	2.3 UJ	2.0 U	2.1 U	2.2 UJ
Heptachlor epoxide	UG/KG	2.0 U	1.9 UJ	2.3 UJ	2.0 U	2.1 U	2.2 UJ
Endosulfan I	UG/KG	2.0 U	1.9 UJ	2.3 UJ	2.0 U	2.1 U	2.2 UJ
Dieldrin	UG/KG	3.9 U	3.7 UJ	4.4 UJ	3.8 U	4.1 U	4.3 UJ
4,4'-DDE	UG/KG	3.9 U	3.7 UJ	4.4 UJ	3.8 U	4.1 U	4.3 UJ
Endrin	UG/KG	3.9 U	3.7 UJ	4.4 UJ	3.8 U	4.1 U	4.3 UJ
Endosulfan II	UG/KG	3.9 U	3.7 UJ	4.4 UJ	3.8 U	4.1 U	4.3 UJ
4,4'-DDD	UG/KG	3.9 U	3.7 UJ	4.4 UJ	3.8 U	4.1 U	4.3 UJ
Endosulfan sulfate	UG/KG	3.9 U	3.7 UJ	4.4 UJ	3.8 U	4.1 U	4.3 UJ
4,4'-DDT	UG/KG	3.9 U	3.7 UJ	4.4 UJ	3.8 U	4.1 U	4.3 UJ
Methoxychlor	UG/KG	20 U	19 UJ	23 UJ	20 U	21 U	22 UJ
Endrin ketone	UG/KG	3.9 U	3.7 UJ	4.4 UJ	3.8 U	4.1 U	4.3 UJ
Endrin aldehyde	UG/KG	3.9 U	3.7 UJ	4.4 UJ	3.8 U	4.1 U	4.3 UJ
alpha-Chlordane	UG/KG	2.0 U	1.9 UJ	2.3 UJ	2.0 U	2.1 U	2.2 UJ
gamma-Chlordane	UG/KG	2.0 U	1.9 UJ	2.3 UJ	2.0 U	2.1 U	2.2 UJ
Toxaphene	UG/KG	200 U	190 UJ	230 UJ	200 U	210 U	220 UJ
Aroclor 1016	UG/KG	39 U	37 UJ	44 UJ	38 U	41 U	43 UJ
Aroclor 1221	UG/KG	84 U	75 UJ	90 UJ	77 U	84 U	88 UJ
Aroclor 1232	UG/KG	39 U	37 UJ	44 UJ	38 U	41 U	43 UJ
Aroclor 1242	UG/KG	39 U	37 UJ	44 UJ	38 U	41 U	43 UJ
Aroclor 1248	UG/KG	39 U	37 UJ	44 UJ	38 U	41 U	43 UJ
Aroclor 1254	UG/KG	39 U	37 UJ	44 UJ	38 U	41 U	43 UJ
Aroclor 1260	UG/KG	39 U	37 UJ	44 UJ	38 U	41 U	43 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-01	1-GW12-02	1-GW16-04	1-GW16-06	1-GW16DW-04	1-GW16DW-07
Laboratory Sample ID:		940289-12	940289-14	940302-06	940302-07	940369-02	940369-03
Date Sampled:		4/10/94	4/10/94	4/13/94	4/13/94	5/2/94	5/2/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Bromomethane	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Vinyl chloride	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Chloroethane	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Methylene chloride	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Acetone	UG/KG	13 U	18 U	11 U	11 J	11 U	11 U
Carbon Disulfide	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
1,1-Dichloroethene	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
1,1-Dichloroethane	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
1,2-Dichloroethene(total)	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Chloroform	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
1,2-Dichloroethane	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
2-Butanone	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
1,1,1-Trichloroethane	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Carbon tetrachloride	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Bromodichloromethane	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
1,2-Dichloropropane	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
cis-1,3-Dichloropropene	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Trichloroethene	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Dibromochloromethane	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Benzene	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
trans-1,3-Dichloropropene	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Bromoform	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
2-Hexanone	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Tetrachloroethene	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Toluene	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Chlorobenzene	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Ethylbenzene	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Styrene	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U
Xylenes (total)	UG/KG	13 U	12 U	11 U	12 U	11 U	11 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-01	1-GW12-02	1-GW16-04	1-GW16-06	1-GW16DW-04	1-GW16DW-07
Laboratory Sample ID:		940289-12	940289-14	940302-06	940302-07	940369-02	940369-03
Date Sampled:		4/10/94	4/10/94	4/13/94	4/13/94	5/2/94	5/2/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
bis(2-Chloroethyl) ether	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
2-Chlorophenol	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
1,3-Dichlorobenzene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
1,4-Dichlorobenzene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
1,2-Dichlorobenzene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
2-Methylphenol	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
2,2'-oxybis-(1-chloropropane)	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
4-Methylphenol	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
N-Nitroso-di-n-propylamine	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Hexachloroethane	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Nitrobenzene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Isophorone	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
2-Nitrophenol	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
2,4-Dimethylphenol	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
bis(2-Chloroethoxy) methane	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
2,4-Dichlorophenol	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
1,2,4-Trichlorobenzene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Naphthalene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
4-Chloroaniline	UG/KG	420 U	390 U	370 UJ	350 UJ	380 U	360 U
Hexachlorobutadiene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
4-Chloro-3-methylphenol	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
2-Methylnaphthalene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Hexachlorocyclopentadiene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
2,4,6-Trichlorophenol	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
2,4,5-Trichlorophenol	UG/KG	1000 U	950 U	900 U	850 U	920 U	880 U
2-Chloronaphthalene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
2-Nitroaniline	UG/KG	1000 U	950 U	900 U	850 U	920 U	880 U
Dimethyl phthalate	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Acenaphthylene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
2,6-Dinitrotoluene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
3-Nitroaniline	UG/KG	1000 U	950 U	900 UJ	850 UJ	920 U	880 U
Acenaphthene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-01	1-GW12-02	1-GW16-04	1-GW16-06	1-GW16DW-04	1-GW16DW-07
Laboratory Sample ID:		940289-12	940289-14	940302-06	940302-07	940369-02	940369-03
Date Sampled:		4/10/94	4/10/94	4/13/94	4/13/94	5/2/94	5/2/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	1000 U	950 U	900 UJ	850 UJ	920 U	880 U
4-Nitrophenol	UG/KG	1000 U	950 U	900 U	850 U	920 U	880 U
Dibenzofuran	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
2,4-Dinitrotoluene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Diethylphthalate	UG/KG	420 UJ	390 UJ	370 U	350 U	380 U	360 U
4-Chlorophenyl phenyl ether	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Fluorene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
4-Nitroaniline	UG/KG	1000 U	950 U	900 U	850 U	920 U	880 U
4,6-Dinitro-2-methylphenol	UG/KG	1000 UJ	950 U	900 U	850 U	920 U	880 U
N-nitrosodiphenylamine	UG/KG	420 U	390 UJ	370 U	350 U	380 U	360 U
4-Bromophenyl-phenylether	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Hexachlorobenzene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Pentachlorophenol	UG/KG	1000 U	950 U	900 U	850 U	920 U	880 U
Phenanthrene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Anthracene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Carbazole	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
di-n-Butylphthalate	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Fluoranthene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Pyrene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Butyl benzyl phthalate	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
3,3'-Dichlorobenzidine	UG/KG	420 UJ	390 UJ	370 U	350 U	380 U	360 U
Benzo[a]anthracene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Chrysene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
bis(2-Ethylhexyl)phthalate	UG/KG	88 J	120 J	370 U	350 U	720	170 J
di-n-Octylphthalate	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Benzo[b]fluoranthene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Benzo[k]fluoranthene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Benzo[a]pyrene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Indeno[1,2,3-cd]pyrene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Dibenz[a,h]anthracene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U
Benzo[g,h,i]perylene	UG/KG	420 U	390 U	370 U	350 U	380 U	360 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-01	1-GW12-02	1-GW16-04	1-GW16-06	1-GW16DW-04	1-GW16DW-07
Laboratory Sample ID:		940289-12	940289-14	940302-06	940302-07	940369-02	940369-03
Date Sampled:		4/10/94	4/10/94	4/13/94	4/13/94	5/2/94	5/2/94
PESTICIDE/PCBs	UNITS						
alpha-BHC	UG/KG	2.2 UJ	2.0 U	1.9 UJ	1.8 UJ	2.0 UJ	1.9 UJ
beta-BHC	UG/KG	2.2 UJ	2.0 U	1.9 UJ	1.8 UJ	2.0 U	1.9 U
delta-BHC	UG/KG	2.2 UJ	2.0 U	1.9 UJ	1.8 UJ	2.0 U	1.9 U
Lindane (gamma-BHC)	UG/KG	2.2 UJ	2.0 U	1.9 UJ	1.8 UJ	2.0 UJ	1.9 UJ
Heptachlor	UG/KG	2.2 UJ	2.0 U	1.9 UJ	1.8 UJ	2.0 U	1.9 U
Aldrin	UG/KG	2.2 UJ	2.0 U	1.9 UJ	1.8 UJ	2.0 U	1.9 U
Heptachlor epoxide	UG/KG	2.2 UJ	2.0 U	1.9 UJ	1.8 UJ	2.0 U	1.9 U
Endosulfan I	UG/KG	2.2 UJ	2.0 U	1.9 UJ	1.8 UJ	2.0 U	1.9 U
Dieldrin	UG/KG	4.2 UJ	3.9 U	3.7 UJ	3.5 UJ	3.8 U	3.6 U
4,4'-DDE	UG/KG	4.2 UJ	3.9 U	3.7 UJ	3.5 UJ	3.8 U	3.6 U
Endrin	UG/KG	4.2 UJ	3.9 U	3.7 UJ	3.5 UJ	3.8 U	3.6 U
Endosulfan II	UG/KG	4.2 UJ	3.9 U	3.7 UJ	3.5 UJ	3.8 U	3.6 U
4,4'-DDD	UG/KG	4.2 UJ	3.9 U	3.7 UJ	3.5 UJ	3.8 U	3.6 U
Endosulfan sulfate	UG/KG	4.2 UJ	3.9 U	3.7 UJ	3.5 UJ	3.8 U	3.6 U
4,4'-DDT	UG/KG	4.2 UJ	3.9 U	3.7 UJ	3.5 UJ	3.8 U	3.6 U
Methoxychlor	UG/KG	22 UJ	20 U	19 UJ	18 UJ	20 U	19 U
Endrin ketone	UG/KG	4.2 UJ	3.9 U	3.7 UJ	3.5 UJ	3.8 U	3.6 U
Endrin aldehyde	UG/KG	4.2 UJ	3.9 U	3.7 UJ	3.5 UJ	3.8 U	3.6 U
alpha-Chlordane	UG/KG	2.2 UJ	2.0 U	1.9 UJ	1.8 UJ	2.0 U	1.9 U
gamma-Chlordane	UG/KG	2.2 UJ	2.0 U	1.9 UJ	1.8 UJ	2.0 U	1.9 U
Toxaphene	UG/KG	220 UJ	200 U	190 UJ	180 UJ	200 U	190 U
Aroclor 1016	UG/KG	42 UJ	39 U	37 UJ	35 UJ	38 U	36 U
Aroclor 1221	UG/KG	86 UJ	80 U	75 UJ	71 UJ	77 U	74 U
Aroclor 1232	UG/KG	42 UJ	39 U	37 UJ	35 UJ	38 U	36 U
Aroclor 1242	UG/KG	42 UJ	39 U	37 UJ	35 UJ	38 U	36 U
Aroclor 1248	UG/KG	42 UJ	39 U	37 UJ	35 UJ	38 U	36 U
Aroclor 1254	UG/KG	42 UJ	39 U	18 J	35 UJ	38 U	36 U
Aroclor 1260	UG/KG	42 UJ	39 U	37 UJ	35 UJ	38 U	36 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW17-05	1-GW17DW-05
Laboratory Sample ID:		940320-03	940389-02
Date Sampled:		4/19/94	5/5/94
	UNITS		
VOLATILES			
Chloromethane	UG/KG	11 U	12 U
Bromomethane	UG/KG	11 U	12 U
Vinyl chloride	UG/KG	11 U	12 U
Chloroethane	UG/KG	11 U	12 U
Methylene chloride	UG/KG	11 U	12 U
Acetone	UG/KG	11 U	36
Carbon Disulfide	UG/KG	11 U	12 U
1,1-Dichloroethene	UG/KG	11 U	12 U
1,1-Dichloroethane	UG/KG	11 U	12 U
1,2-Dichloroethene(total)	UG/KG	11 U	12 U
Chloroform	UG/KG	11 U	12 U
1,2-Dichloroethane	UG/KG	11 U	12 U
2-Butanone	UG/KG	11 U	12 U
1,1,1-Trichloroethane	UG/KG	11 U	12 U
Carbon tetrachloride	UG/KG	11 U	12 U
Bromodichloromethane	UG/KG	11 U	12 U
1,2-Dichloropropane	UG/KG	11 U	12 U
cis-1,3-Dichloropropene	UG/KG	11 U	12 U
Trichloroethene	UG/KG	11 U	12 U
Dibromochloromethane	UG/KG	11 U	12 U
1,1,2-Trichloroethane	UG/KG	11 U	12 U
Benzene	UG/KG	11 U	12 U
trans-1,3-Dichloropropene	UG/KG	11 U	12 U
Bromoform	UG/KG	11 U	12 U
4-Methyl-2-pentanone	UG/KG	11 U	12 U
2-Hexanone	UG/KG	11 U	12 U
Tetrachloroethene	UG/KG	11 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	12 U
Toluene	UG/KG	11 U	1 J
Chlorobenzene	UG/KG	11 U	12 U
Ethylbenzene	UG/KG	11 U	12 U
Styrene	UG/KG	11 U	12 U
Xylenes (total)	UG/KG	11 U	12 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW17-05	1-GW17DW-05
Laboratory Sample ID:		940320-03	940389-02
Date Sampled:		4/19/94	5/5/94
	UNITS		
SEMIVOLATILES			
Phenol	UG/KG	350 U	390 U
bis(2-Chloroethyl) ether	UG/KG	350 U	390 U
2-Chlorophenol	UG/KG	350 U	390 U
1,3-Dichlorobenzene	UG/KG	350 U	390 U
1,4-Dichlorobenzene	UG/KG	350 U	390 U
1,2-Dichlorobenzene	UG/KG	350 U	390 U
2-Methylphenol	UG/KG	350 U	390 U
2,2'-oxybis-(1-chloropropane)	UG/KG	350 U	390 U
4-Methylphenol	UG/KG	350 U	390 U
N-Nitroso-di-n-propylamine	UG/KG	350 U	390 U
Hexachloroethane	UG/KG	350 U	390 U
Nitrobenzene	UG/KG	350 U	390 U
Isophorone	UG/KG	350 U	390 U
2-Nitrophenol	UG/KG	350 U	390 U
2,4-Dimethylphenol	UG/KG	350 U	390 U
bis(2-Chloroethoxy) methane	UG/KG	350 U	390 U
2,4-Dichlorophenol	UG/KG	350 U	390 U
1,2,4-Trichlorobenzene	UG/KG	350 U	390 U
Naphthalene	UG/KG	350 U	390 U
4-Chloroaniline	UG/KG	350 U	390 U
Hexachlorobutadiene	UG/KG	350 U	390 U
4-Chloro-3-methylphenol	UG/KG	350 U	390 U
2-Methylnaphthalene	UG/KG	350 U	390 U
Hexachlorocyclopentadiene	UG/KG	350 U	390 U
2,4,6-Trichlorophenol	UG/KG	350 U	390 U
2,4,5-Trichlorophenol	UG/KG	840 U	940 U
2-Chloronaphthalene	UG/KG	350 U	390 U
2-Nitroaniline	UG/KG	840 U	940 U
Dimethyl phthalate	UG/KG	350 U	390 U
Acenaphthylene	UG/KG	350 U	390 U
2,6-Dinitrotoluene	UG/KG	350 U	390 U
3-Nitroaniline	UG/KG	840 U	940 U
Acenaphthene	UG/KG	350 U	390 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW17-05	1-GW17DW-05
Laboratory Sample ID:		940320-03	940389-02
Date Sampled:		4/19/94	5/5/94
	UNITS		
SEMIVOLATILES Cont.			
2,4-Dinitrophenol	UG/KG	840 U	940 U
4-Nitrophenol	UG/KG	840 U	940 U
Dibenzofuran	UG/KG	350 U	390 U
2,4-Dinitrotoluene	UG/KG	350 U	390 U
Diethylphthalate	UG/KG	350 U	390 U
4-Chlorophenyl phenyl ether	UG/KG	350 U	390 U
Fluorene	UG/KG	350 U	390 U
4-Nitroaniline	UG/KG	840 U	940 U
4,6-Dinitro-2-methylphenol	UG/KG	840 U	940 U
N-nitrosodiphenylamine	UG/KG	350 U	390 U
4-Bromophenyl-phenylether	UG/KG	350 U	390 U
Hexachlorobenzene	UG/KG	350 U	390 U
Pentachlorophenol	UG/KG	840 U	940 U
Phenanthrene	UG/KG	350 U	390 U
Anthracene	UG/KG	350 U	390 U
Carbazole	UG/KG	350 U	390 U
di-n-Butylphthalate	UG/KG	350 U	390 U
Fluoranthene	UG/KG	350 U	390 U
Pyrene	UG/KG	350 U	390 U
Butyl benzyl phthalate	UG/KG	350 U	390 U
3,3'-Dichlorobenzidine	UG/KG	350 U	390 U
Benzo[a]anthracene	UG/KG	350 U	390 U
Chrysene	UG/KG	350 U	390 U
bis(2-Ethylhexyl)phthalate	UG/KG	49 J	390 U
di-n-Octylphthalate	UG/KG	350 U	390 U
Benzo[b]fluoranthene	UG/KG	350 U	390 U
Benzo[k]fluoranthene	UG/KG	350 U	390 U
Benzo[a]pyrene	UG/KG	350 U	390 U
Indeno[1,2,3-cd]pyrene	UG/KG	350 U	390 U
Dibenz[a,h]anthracene	UG/KG	350 U	390 U
Benzo[g,h,i]perylene	UG/KG	350 U	390 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW17-05	1-GW17DW-05
Laboratory Sample ID:		940320-03	940389-02
Date Sampled:		4/19/94	5/5/94
PESTICIDE/PCBs	UNITS		
alpha-BHC	UG/KG	1.8 U	2.0 UJ
beta-BHC	UG/KG	1.8 U	2.0 U
delta-BHC	UG/KG	1.8 U	2.0 U
Lindane (gamma-BHC)	UG/KG	1.8 U	2.0 U
Heptachlor	UG/KG	1.8 U	2.0 U
Aldrin	UG/KG	1.8 U	2.0 U
Heptachlor epoxide	UG/KG	1.8 U	2.0 U
Endosulfan I	UG/KG	1.8 U	2.0 U
Dieldrin	UG/KG	7.1 J	3.9 U
4,4'-DDE	UG/KG	11.0	3.9 U
Endrin	UG/KG	3.5 U	3.9 U
Endosulfan II	UG/KG	3.5 U	3.9 U
4,4'-DDD	UG/KG	3.5 U	3.9 U
Endosulfan sulfate	UG/KG	3.5 U	3.9 U
4,4'-DDT	UG/KG	7.8	3.9 U
Methoxychlor	UG/KG	18 U	20 U
Endrin ketone	UG/KG	3.5 U	3.9 U
Endrin aldehyde	UG/KG	3.5 U	3.9 U
alpha-Chlordane	UG/KG	1.8 U	2.0 U
gamma-Chlordane	UG/KG	1.8 U	2.0 U
Toxaphene	UG/KG	180 U	200 U
Aroclor 1016	UG/KG	35 U	39 U
Aroclor 1221	UG/KG	71 U	79 U
Aroclor 1232	UG/KG	35 U	39 U
Aroclor 1242	UG/KG	35 U	39 U
Aroclor 1248	UG/KG	35 U	39 U
Aroclor 1254	UG/KG	35 U	39 U
Aroclor 1260	UG/KG	35 U	39 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/KG	10 U	53 U	ND	ND		0/110
Bromomethane	UG/KG	10 U	53 U	ND	ND		0/110
Vinyl chloride	UG/KG	10 U	53 U	ND	ND		0/110
Chloroethane	UG/KG	10 U	53 U	ND	ND		0/110
Methylene chloride	UG/KG	10 U	53 U	3 J	3 J	1-S-SB18-07	1/110
Acetone	UG/KG	10 UJ	110 UJ	9 J	490 J	1-S-SB07-01	14/110
Carbon Disulfide	UG/KG	10 U	53 U	ND	ND		0/110
1,1-Dichloroethene	UG/KG	10 U	53 U	ND	ND		0/110
1,1-Dichloroethane	UG/KG	10 U	53 U	ND	ND		0/110
1,2-Dichloroethene(total)	UG/KG	10 U	53 U	ND	ND		0/110
Chloroform	UG/KG	10 U	53 U	ND	ND		0/110
1,2-Dichloroethane	UG/KG	10 U	53 U	ND	ND		0/110
2-Butanone	UG/KG	10 UJ	53 U	ND	ND		0/110
1,1,1-Trichloroethane	UG/KG	10 U	53 U	ND	ND		0/110
Carbon tetrachloride	UG/KG	10 U	53 U	ND	ND		0/110
Bromodichloromethane	UG/KG	10 U	53 U	ND	ND		0/110
1,2-Dichloropropane	UG/KG	10 U	53 U	ND	ND		0/110
cis-1,3-Dichloropropene	UG/KG	10 U	53 U	ND	ND		0/110
Trichloroethene	UG/KG	10 U	53 U	3 J	3 J	1-N-SB32-07	1/110
Dibromochloromethane	UG/KG	10 U	53 U	ND	ND		0/110
1,1,2-Trichloroethane	UG/KG	10 U	53 U	ND	ND		0/110
Benzene	UG/KG	10 U	53 U	ND	ND		0/110
trans-1,3-Dichloropropene	UG/KG	10 U	53 U	ND	ND		0/110
Bromoform	UG/KG	10 U	53 U	ND	ND		0/110
4-Methyl-2-pentanone	UG/KG	10 U	53 U	ND	ND		0/110
2-Hexanone	UG/KG	10 UJ	53 U	ND	ND		0/110
Tetrachloroethene	UG/KG	10 U	53 U	ND	ND		0/110
1,1,2,2-Tetrachloroethane	UG/KG	10 U	53 U	27	27	1-S-SB11-06	1/110
Toluene	UG/KG	10 U	53 U	1 J	1 J	1-GW17DW-05	1/110
Chlorobenzene	UG/KG	10 U	53 U	ND	ND		0/110
Ethylbenzene	UG/KG	10 U	53 U	ND	ND		0/110
Styrene	UG/KG	10 U	53 U	ND	ND		0/110
Xylenes (total)	UG/KG	10 U	53 U	0	ND		1/110

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
bis(2-Chloroethyl) ether	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
2-Chlorophenol	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
1,3-Dichlorobenzene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
1,4-Dichlorobenzene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
1,2-Dichlorobenzene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
2-Methylphenol	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
2,2'-oxybis-(1-chloropropane)	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
4-Methylphenol	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
N-Nitroso-di-n-propylamine	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Hexachloroethane	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Nitrobenzene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Isophorone	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
2-Nitrophenol	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
2,4-Dimethylphenol	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
bis(2-Chloroethoxy) methane	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
2,4-Dichlorophenol	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
1,2,4-Trichlorobenzene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Naphthalene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
4-Chloroaniline	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Hexachlorobutadiene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
4-Chloro-3-methylphenol	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
2-Methylnaphthalene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Hexachlorocyclopentadiene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
2,4,6-Trichlorophenol	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
2,4,5-Trichlorophenol	UG/KG	800 U	2600 U	840 R	900 R	1-N-SB32-07	3/110
2-Chloronaphthalene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
2-Nitroaniline	UG/KG	800 U	2600 U	840 R	900 R	1-N-SB32-07	3/110
Dimethyl phthalate	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Acenaphthylene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
2,6-Dinitrotoluene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
3-Nitroaniline	UG/KG	800 U	2600 U	840 R	900 R	1-N-SB32-07	3/110
Acenaphthene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	800 U	2600 U	840 R	900 R	1-N-SB32-07	3/110
4-Nitrophenol	UG/KG	800 U	2600 U	840 R	930	1-S-SB01-08	4/110
Dibenzofuran	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
2,4-Dinitrotoluene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Diethylphthalate	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
4-Chlorophenyl phenyl ether	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Fluorene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
4-Nitroaniline	UG/KG	800 U	2600 U	840 R	900 R	1-N-SB32-07	3/110
4,6-Dinitro-2-methylphenol	UG/KG	800 U	2600 U	840 R	900 R	1-N-SB32-07	3/110
N-nitrosodiphenylamine	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
4-Bromophenyl-phenylether	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Hexachlorobenzene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Pentachlorophenol	UG/KG	400 U	2600 U	840 R	900 R	1-N-SB32-07	3/110
Phenanthrene	UG/KG	330 U	1100 U	47 J	370 R	1-N-SB32-07	4/110
Anthracene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Carbazole	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
di-n-Butylphthalate	UG/KG	330 U	1100 U	74 J	370 R	1-N-SB32-07	4/110
Fluoranthene	UG/KG	330 U	1100 U	110 J	370 R	1-N-SB32-07	4/110
Pyrene	UG/KG	330 U	1100 U	86 J	370 R	1-N-SB32-07	4/110
Butyl benzyl phthalate	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
3,3'-Dichlorobenzidine	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Benzo[a]anthracene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Chrysene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
bis(2-Ethylhexyl)phthalate	UG/KG	340 U	430 U	36 J	8700	1-N-SB26-04	45/110
di-n-Octylphthalate	UG/KG	330 U	1100 U	350 R	400 R	1-N-SB21-07	7/110
Benzo[b]fluoranthene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Benzo[k]fluoranthene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Benzo[a]pyrene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Indeno[1,2,3-cd]pyrene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Dibenz[a,h]anthracene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110
Benzo[g,h,i]perylene	UG/KG	330 U	1100 U	350 R	370 R	1-N-SB32-07	3/110

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.7 UJ	9.4 U	2 R	2 R	1-S-SB01-08	1/110
beta-BHC	UG/KG	1.7 UJ	9.4 U	2 R	2 R	1-S-SB01-08	1/110
delta-BHC	UG/KG	1.7 UJ	9.4 U	2 R	2 R	1-S-SB01-08	1/110
Lindane (gamma-BHC)	UG/KG	1.7 UJ	9.4 U	2 R	2 R	1-S-SB01-08	1/110
Heptachlor	UG/KG	1.7 UJ	9.4 U	2 R	2 R	1-S-SB01-08	1/110
Aldrin	UG/KG	1.7 UJ	9.4 U	2 R	2 R	1-S-SB01-08	1/110
Heptachlor epoxide	UG/KG	1.7 UJ	9.4 U	2 R	2 R	1-S-SB01-08	1/110
Endosulfan I	UG/KG	1.7 UJ	9.4 U	2 R	2 R	1-S-SB01-08	1/110
Dieldrin	UG/KG	3.3 UJ	18 U	3.8 R	39 J	1-N-SB26-01	3/110
4,4'-DDE	UG/KG	3.3 UJ	18 U	3.8 R	120	1-N-SB26-01	3/110
Endrin	UG/KG	3.3 UJ	18 U	3.8 R	3.8 R	1-S-SB01-08	1/110
Endosulfan II	UG/KG	3.3 UJ	18 U	3.8 R	55	1-N-SB35-01	2/110
4,4'-DDD	UG/KG	3.3 UJ	18 U	2.2 J	28 J	1-N-SB26-01	3/110
Endosulfan sulfate	UG/KG	3.3 UJ	18 U	3.8 R	3.8 R	1-S-SB01-08	1/110
4,4'-DDT	UG/KG	3.3 UJ	18 U	1.6 J	18 J	1-N-SB35-01	8/110
Methoxychlor	UG/KG	17 UJ	94 U	20 R	20 R	1-S-SB01-08	1/110
Endrin ketone	UG/KG	3.3 UJ	18 U	3.8 R	3.8 R	1-S-SB01-08	1/110
Endrin aldehyde	UG/KG	3.3 UJ	18 U	3.8 R	24 NJ	1-N-SB35-01	2/110
alpha-Chlordane	UG/KG	1.7 UJ	9.4 U	2 R	9.2 NJ	1-N-SB37-02	3/110
gamma-Chlordane	UG/KG	1.7 UJ	9.4 U	2 R	2.9 NJ	1-N-SB26-01	3/110
Toxaphene	UG/KG	170 UJ	940 U	200 R	200 R	1-S-SB01-08	1/110
Aroclor 1016	UG/KG	33 UJ	180 U	38 R	38 R	1-S-SB01-08	1/110
Aroclor 1221	UG/KG	68 UJ	370 U	78 R	78 R	1-S-SB01-08	1/110
Aroclor 1232	UG/KG	33 UJ	180 U	38 R	38 R	1-S-SB01-08	1/110
Aroclor 1242	UG/KG	33 UJ	180 U	38 R	38 R	1-S-SB01-08	1/110
Aroclor 1248	UG/KG	33 UJ	180 U	38 R	38 R	1-S-SB01-08	1/110
Aroclor 1254	UG/KG	33 UJ	180 U	18 J	38 R	1-S-SB01-08	2/110
Aroclor 1260	UG/KG	33 UJ	180 U	38 R	1300	1-N-SB35-01	2/110

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB01-01	1-S-SB01-04	1-S-SB01-08	1-S-SB02-01	1-S-SB02-04	1-S-SB02-07
Laboratory Sample ID:		940261-01	940259-04	940259-05	940272-16	940272-17	940272-18
Date Sampled:		3/29/94	3/29/94	3/29/94	4/6/94	4/6/94	4/6/94
	UNITS						
Aluminum	MG/KG	6840	4270	3600	1360	4160	2410
Antimony	MG/KG	7.5 UJ	6.7 UJ	5.9 UJ	6.2 UJ	6.7 UJ	6.4 UJ
Arsenic	MG/KG	1.7	4.8	1.4	0.55 UJ	2.6 J	0.68 J
Barium	MG/KG	10.4	7.7	7.4	9.1	6.3	9.0
Beryllium	MG/KG	0.22 U	0.20 U	0.17 U	0.18 U	0.20 U	0.19 U
Cadmium	MG/KG	0.66 U	0.60 U	0.52 U	0.55 U	0.59 U	0.56 U
Calcium	MG/KG	321 J	110 J	38.7 UJ	11000 J	12800 J	952 J
Chromium	MG/KG	9.5	7.1 J	4.9 J	5.1 J	6.7 J	3.8 J
Cobalt	MG/KG	0.88 U	0.79 U	0.80	0.73 UJ	0.79 UJ	0.75 UJ
Copper	MG/KG	2.0	1.2 U	1.7	1.7	1.2 U	1.1 U
Iron	MG/KG	4600	3940	985	969	2940	638
Lead	MG/KG	5.0	4.0 J	2.9 J	15.2 J	3.1 J	2.7 J
Magnesium	MG/KG	104	151	110	230	357	73.0
Manganese	MG/KG	4.4 J	1.9 J	1.6 J	11.0 J	17.8 J	6.0 J
Mercury	MG/KG	0.05 U	0.23	0.34	0.05 U	0.05 U	0.06 U
Nickel	MG/KG	1.5 U	2.1	3.4	1.8 J	1.7 J	2.4 J
Potassium	MG/KG	86.7 J	255 J	123 J	64.2 J	217 J	65.6 J
Selenium	MG/KG	0.88 UJ	0.79 UJ	0.69 UJ	0.73 UJ	0.79 UJ	0.75 UJ
Silver	MG/KG	1.1 UJ	0.99 UJ	0.87 UJ	0.92 UJ	0.99 UJ	0.94 UJ
Sodium	MG/KG	26.6	10.2	8.8 U	35.1 U	40.8 U	12.6 U
Thallium	MG/KG	0.88 U	0.79 U	0.69 U	0.73 U	0.79 U	0.75 U
Vanadium	MG/KG	12.2	12.6	5.0	3.2	10.0	2.6
Zinc	MG/KG	78.6 J	2.2 J	1.7 J	7.4 J	2.8 J	1.5 J

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB03-01	1-S-SB03-03	1-S-SB03-06	1-S-SB04-01	1-S-SB04-04	1-S-SB04-06
Laboratory Sample ID:		940225-15	940259-06	940259-07	940272-19	940272-20	940280-01
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
Aluminum	MG/KG	10100	4300	6320	5910	3060	1360
Antimony	MG/KG	7.8 UJ	5.8 UJ	6.2 UJ	6.2 UJ	6.4 UJ	5.5 UJ
Arsenic	MG/KG	2.4	0.76	0.80	1.0 J	2.3 J	0.49 U
Barium	MG/KG	20.4	5.4	7.3	14.7	4.9	2.3
Beryllium	MG/KG	0.23 U	0.17 U	0.18 U	0.18 U	0.19 U	0.16 U
Cadmium	MG/KG	0.71	0.51 U	0.55 U	0.55 U	0.56 U	0.49 U
Calcium	MG/KG	1160 J	74.0 UJ	31.7 UJ	731 J	33.1 UJ	8.9 U
Chromium	MG/KG	15.6	5.7 J	5.8 J	7.3 J	5.1 J	2.2
Cobalt	MG/KG	0.92 U	0.68 U	0.85	0.73 UJ	0.75 UJ	0.65 U
Copper	MG/KG	4.0 U	1.0 U	1.3	1.5	1.2	0.97 U
Iron	MG/KG	6330	1350	680	2720	2400	783
Lead	MG/KG	6.8	3.0 J	4.6 J	5.1 J	2.9 J	2.4 J
Magnesium	MG/KG	234	197	161	191	147	26.9 U
Manganese	MG/KG	5.6	3.4 J	2.6 J	8.8 J	2.9 J	1.7 U
Mercury	MG/KG	0.06	0.04 U	0.28	0.05 U	0.05 U	0.05 U
Nickel	MG/KG	4.7 U	1.2	2.8	1.3 UJ	1.3 UJ	1.1 U
Potassium	MG/KG	149 U	174 J	189 J	105 J	186 J	39.0 U
Selenium	MG/KG	1.5 J	0.68 UJ	0.73 UJ	0.73 UJ	0.75 UJ	0.65 U
Silver	MG/KG	1.2 UJ	0.85 UJ	0.91 UJ	0.92 UJ	0.94 UJ	0.81 UJ
Sodium	MG/KG	16.3 U	34.7	21.9	36.0 U	28.3 U	22.7 U
Thallium	MG/KG	0.92 U	0.68 U	0.73 U	0.73 U	0.75 U	0.65 U
Vanadium	MG/KG	18.4	6.0	5.8	8.8	6.9	3.7
Zinc	MG/KG	4.1 UJ	3.0 J	2.3 J	2.7 J	1.6 J	0.44 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB05-01	1-S-SB05-04	1-S-SB05-08	1-S-SB06-01	1-S-SB06-04	1-S-SB06-08
Laboratory Sample ID:		940225-16	940259-08	940259-09	940272-03	940271-03	940271-04
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
Aluminum	MG/KG	7550	1120	3440	13700	5630	2740
Antimony	MG/KG	6.1 UJ	5.9 UJ	6.6 UJ	7.9 UJ	12.1 UJ	6.4 UJ
Arsenic	MG/KG	1.5	0.52 U	1.0	2.6 J	2.7	0.56 U
Barium	MG/KG	13.0	4.3	5.5	16.4	8.7	5.8
Beryllium	MG/KG	0.18 U	0.17 U	0.19 U	0.23 U	0.21 U	0.19 U
Cadmium	MG/KG	0.54 U	0.52 U	0.58 U	0.69 U	0.64 U	0.56 U
Calcium	MG/KG	11700 J	540 J	26.0 UJ	404 J	56.2 J	59.5 J
Chromium	MG/KG	13.2	1.2 UJ	5.6 J	16.9 J	9.4	2.2
Cobalt	MG/KG	0.95 U	0.70 U	0.82	0.92 UJ	0.85 U	0.75 U
Copper	MG/KG	2.6 U	1.0 U	1.3	2.6	1.4	1.1 U
Iron	MG/KG	3870	254	1150	7600	3790	379
Lead	MG/KG	7.1	2.1 J	1.6 J	7.3 J	3.9	1.3
Magnesium	MG/KG	338	39.9	73.7	372	227	82.5
Manganese	MG/KG	12.3	0.52 J	3.8 J	7.4 J	2.1 J	0.98 J
Mercury	MG/KG	0.04 U	0.04 U	0.05 U	0.05 U	0.05 U	0.05 U
Nickel	MG/KG	1.8 U	1.2 U	1.6	4.3 J	3.0	2.0
Potassium	MG/KG	128 U	40.3 J	115 J	230 J	293 J	113 J
Selenium	MG/KG	0.72 UJ	0.70 UJ	0.77 UJ	0.92 UJ	0.85 UJ	0.75 UJ
Silver	MG/KG	0.90 UJ	0.87 UJ	0.97 UJ	1.2 UJ	1.1 UJ	0.94 UJ
Sodium	MG/KG	23.7 U	36.6	14.3	47.6 U	40.7 U	30.5 U
Thallium	MG/KG	0.72 U	0.70 U	0.77 U	0.92 U	0.85 U	0.75 U
Vanadium	MG/KG	11.9	1.1	3.9	22.8	15.3	2.0
Zinc	MG/KG	6.7 J	1.3 J	1.4 J	4.9 J	4.5 UJ	3.5 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB07-01	1-S-SB07-04	1-S-SB07-07	1-S-SB08-01	1-S-SB08-04	1-S-SB08-07
Laboratory Sample ID:		940225-17	940259-10	940259-11	940280-02	940280-04	940280-05
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
Aluminum	MG/KG	2470	4970	1200	6710	7130	4190
Antimony	MG/KG	7.3 UJ	6.0 UJ	6.1 UJ	6.3 UJ	6.4 UJ	6.9 UJ
Arsenic	MG/KG	0.69	3.1	0.53 U	1.0	3.9	0.61 U
Barium	MG/KG	7.9	6.7	2.5	16.9	11.0	5.1
Beryllium	MG/KG	0.21 U	0.18 U	0.18 U	0.18 U	0.19 U	0.20 U
Cadmium	MG/KG	0.64 U	0.53 U	0.53 U	0.55 U	0.57 U	0.61 U
Calcium	MG/KG	3250 J	230 J	19.3 UJ	736 U	259 U	58.3 U
Chromium	MG/KG	4.8	7.2 J	1.6 J	6.5	9.8	8.8
Cobalt	MG/KG	0.85 U	0.70 U	0.71 U	0.74 U	0.76 U	0.81 U
Copper	MG/KG	1.6 U	1.1 U	1.1 U	2.1 U	2.0 U	1.7 U
Iron	MG/KG	1400	3160	112	2990	4890	857
Lead	MG/KG	5.6	4.4 J	1.3 UJ	4.7 J	5.1 J	3.9 J
Magnesium	MG/KG	101	267	11.3	208	322	68.0
Manganese	MG/KG	3.8 J	4.4 J	0.26 J	10.8	8.4	4.5
Mercury	MG/KG	0.05 U	0.05 U	0.19	0.05 U	0.06 U	0.05 U
Nickel	MG/KG	1.5 U	1.6	1.2 U	2.9 U	5.7 U	2.1 U
Potassium	MG/KG	50.7 U	279 J	31.3 J	156 U	421 J	163 U
Selenium	MG/KG	0.85 UJ	0.70 UJ	0.71 UJ	0.74 U	0.76 U	0.81 U
Silver	MG/KG	1.1 UJ	0.88 UJ	0.89 UJ	0.92 UJ	0.95 UJ	1.0 UJ
Sodium	MG/KG	10.9 U	26.1	9.1 U	28.3 U	29.8 U	32.5 U
Thallium	MG/KG	0.85 U	0.70 U	0.71 U	0.74 U	0.76 U	0.81 U
Vanadium	MG/KG	3.9	9.8	0.58	9.5	13.5	3.0
Zinc	MG/KG	3.7 UJ	2.1 J	0.63 J	1.5	2.1	1.2

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB09-01	1-S-SB09-04	1-S-SB09-07	1-S-SB10-01	1-S-SB10-04	1-S-SB10-08
Laboratory Sample ID:		940280-07	940280-08	940280-09	940261-02	940259-12	940259-13
Date Sampled:		4/5/94	4/5/94	4/5/94	3/29/94	3/29/94	3/29/94
	UNITS						
Aluminum	MG/KG	2050	5550	2940	3240	1640	1800
Antimony	MG/KG	6.4 UJ	6.7 UJ	6.4 UJ	6.7 UJ	6.3 UJ	5.8 UJ
Arsenic	MG/KG	0.56 U	1.2	0.56 U	0.59 U	0.70	0.51 U
Barium	MG/KG	9.5	6.7	2.6	8.0	3.9	2.9
Beryllium	MG/KG	0.19 U	0.20 U	0.19 U	0.20 U	0.18 U	0.17 U
Cadmium	MG/KG	0.84	0.59 U	0.56 U	0.59 U	0.55 U	0.51 U
Calcium	MG/KG	30800	65.6 U	29.9 U	4040 J	48.7 UJ	104 J
Chromium	MG/KG	8.2	7.0	4.6	4.1	3.0 J	2.6 J
Cobalt	MG/KG	0.75 U	0.78 U	0.75 U	0.78 U	0.74 U	0.68 U
Copper	MG/KG	3.0 U	1.2 U	1.1 U	1.2 U	1.1 U	1.0 U
Iron	MG/KG	1690	2360	340	1630	808	312
Lead	MG/KG	15.2 J	4.2 J	2.9 J	3.4	2.7 J	1.3 UJ
Magnesium	MG/KG	526	313	41.3	127	35.2	48.9
Manganese	MG/KG	16.8	8.1	3.5	6.3	4.1 J	1.4 J
Mercury	MG/KG	0.04 U	0.06 U	0.05 U	0.05 U	0.04 U	0.06 U
Nickel	MG/KG	1.3 U	1.4 U	1.3 U	1.4 U	1.3 U	1.2 U
Potassium	MG/KG	110 U	296 U	74.2 U	87.1 J	53.0 J	75.8 J
Selenium	MG/KG	0.75 U	0.78 U	0.75 U	0.78 UJ	0.74 UJ	0.68 UJ
Silver	MG/KG	0.94 UJ	0.98 UJ	0.94 UJ	0.98 UJ	0.92 UJ	0.85 UJ
Sodium	MG/KG	81.2 U	28.7 U	12.2 U	30.1	24.5	26.9
Thallium	MG/KG	0.75 U	0.78 U	0.75 U	0.78 U	0.74 U	0.68 U
Vanadium	MG/KG	4.5	12.0	1.4	5.8	2.9	1.6
Zinc	MG/KG	8.7	1.6	0.66	7.4 J	2.2 J	1.0 J

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB11-01	1-S-SB11-03	1-S-SB11-06	1-S-SB12-01	1-S-SB12-04	1-S-SB12-07
Laboratory Sample ID:		940225-18	940259-14	940259-15	940280-10	940280-11	940280-12
Date Sampled:		3/30/94	3/30/94	3/30/94	4/6/94	4/6/94	4/6/94
	UNITS						
Aluminum	MG/KG	2480	1450	1780	6460	5780	4730
Antimony	MG/KG	6.1 J	6.4 UJ	6.8 UJ	6.1 UJ	6.8 UJ	5.9 UJ
Arsenic	MG/KG	0.80	0.73	1.1	0.68	3.4	0.52 U
Barium	MG/KG	10.2	3.1	2.1	14.2	10.1	7.7
Beryllium	MG/KG	0.15 U	0.19 U	0.20 U	0.18 U	0.20 U	0.17 U
Cadmium	MG/KG	0.72	0.56 U	0.60 U	0.54 U	0.60 U	0.52 U
Calcium	MG/KG	74400 J	269 J	52.5 UJ	866	80.1 U	39.5 U
Chromium	MG/KG	7.0	2.2 J	2.3 J	7.2	9.1	4.9
Cobalt	MG/KG	0.81 U	0.75 U	0.80 U	0.72 U	0.81	0.70 U
Copper	MG/KG	4.5	1.1 U	2.4	1.8 U	2.2 U	1.0 U
Iron	MG/KG	1640	573	199	3080	4560	693
Lead	MG/KG	7.8	3.3 J	1.9 J	4.9 J	4.8 J	3.8 J
Magnesium	MG/KG	1130	76.0	9.4	171	273	138
Manganese	MG/KG	61.3	1.6 J	1.5 J	15.1	5.4	3.5
Mercury	MG/KG	0.05 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U
Nickel	MG/KG	3.7 U	1.3 U	1.9 B	1.3 U	2.7 U	1.2 U
Potassium	MG/KG	204 J	55.3 J	20.3 J	131 U	386 J	166 U
Selenium	MG/KG	0.61 UJ	0.75 UJ	0.80 UJ	0.72 U	0.80 U	0.70 U
Silver	MG/KG	0.77 UJ	0.94 UJ	1.0 UJ	1.0 J	1.0 UJ	0.87 UJ
Sodium	MG/KG	115 U	25.5	10.2 U	35.3 U	31.4 U	14.2 U
Thallium	MG/KG	0.61 U	0.75 U	0.80 U	0.72 U	0.80 U	0.70 U
Vanadium	MG/KG	9.1	1.9	1.4	8.9	11.1	3.7
Zinc	MG/KG	11.9 J	0.82 J	0.68 J	1.4	1.7	0.66

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB13-01	1-S-SB13-04	1-S-SB13-07	1-S-SB14-01	1-S-SB14-03	1-S-SB14-06
Laboratory Sample ID:		940280-13	940280-14	940280-15	940280-16	940280-18	940280-19
Date Sampled:		4/6/94	4/6/94	4/6/94	4/6/94	4/6/94	4/6/94
	UNITS						
Aluminum	MG/KG	5660	546	7470	1710	3240	3620
Antimony	MG/KG	6.8 UJ	7.8 J	6.3 UJ	5.7 UJ	6.2 UJ	5.4 UJ
Arsenic	MG/KG	0.60 U	0.57 U	0.69	0.50 U	0.55 U	1.5
Barium	MG/KG	12.6	3.1	10.1	10.3	5.0	8.0
Beryllium	MG/KG	0.20 U	0.19 U	0.18 U	0.17 U	0.18 U	0.16 U
Cadmium	MG/KG	0.60 U	0.57 U	1.1	0.50 U	0.55 U	0.48 U
Calcium	MG/KG	890	80.7 U	108 U	2810	5120	21500
Chromium	MG/KG	8.9	1.5	8.8	2.0	4.2	6.2
Cobalt	MG/KG	0.80 U	0.76 U	0.74 U	0.67 U	0.73 U	0.63 U
Copper	MG/KG	1.5 U	1.1 U	1.5 U	1.5 U	1.1 U	1.8 U
Iron	MG/KG	2260	517	1070	615	1320	2060
Lead	MG/KG	3.6 J	2.5 J	5.1 J	6.1 J	2.6 J	5.1 J
Magnesium	MG/KG	174	24.5 U	251	87.1	195	504
Manganese	MG/KG	9.4	6.0	7.8	6.2	7.9	23.5
Mercury	MG/KG	0.05 U	0.05 U	0.06 U	0.05 U	0.04 U	0.04 U
Nickel	MG/KG	1.4 U	1.3 U	1.3 U	1.2 U	1.3 U	1.1 U
Potassium	MG/KG	104 U	47.5 U	292 U	75.2 U	118 U	235 U
Selenium	MG/KG	0.80 U	0.76 U	0.74 U	0.67 U	0.73 U	0.63 U
Silver	MG/KG	1.0 UJ	0.95 UJ	0.92 UJ	0.83 UJ	0.92 UJ	0.79 UJ
Sodium	MG/KG	21.6 U	30.5 U	33.0 U	29.5 U	15.4 U	38.3 U
Thallium	MG/KG	0.80 U	0.76 U	0.74 U	0.67 U	0.73 U	0.63 U
Vanadium	MG/KG	7.2	2.6	6.9	2.5	4.8	8.3
Zinc	MG/KG	1.2	0.64	1.5	3.2	2.1	1.6

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB15-01	1-S-SB15-04	1-S-SB15-06	1-S-SB16-01	1-S-SB16-04	1-S-SB16-07
Laboratory Sample ID:		940272-04	940271-05	940271-06	940272-05	940271-07	940271-08
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	4/5/94
	UNITS						
Aluminum	MG/KG	3550	3870	1050	13600	1240	2100
Antimony	MG/KG	6.2 UJ	8.7 UJ	5.4 UJ	6.0 UJ	5.7 UJ	6.7 UJ
Arsenic	MG/KG	0.54 UJ	2.6	0.47 U	2.3 J	0.50 U	0.59 U
Barium	MG/KG	8.8	6.0	3.2	16.4	3.3	3.1
Beryllium	MG/KG	0.18 U	0.19 U	0.16 U	0.18 U	0.17 U	0.20 U
Cadmium	MG/KG	0.54 U	0.58 U	0.47 U	0.53 U	0.50 U	0.59 U
Calcium	MG/KG	500 J	49.5 J	16.3 J	614 J	30.1 UJ	31.1 UJ
Chromium	MG/KG	4.4 J	6.0	2.8	15.7 J	2.1	1.8
Cobalt	MG/KG	0.73 UJ	1.0	0.64	0.71 UJ	0.67 U	0.78 U
Copper	MG/KG	1.8	1.4	0.95 U	2.6	1.0 U	1.2 U
Iron	MG/KG	1850	2820	302	9320	279	320
Lead	MG/KG	2.6 J	3.5	2.0	6.0 J	2.0	1.7
Magnesium	MG/KG	107	202	29.2	316	50.9	81.2
Manganese	MG/KG	5.9 J	2.4 J	7.2 J	7.4 J	1.0 J	0.20 UJ
Mercury	MG/KG	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nickel	MG/KG	2.3 J	2.9	1.8	3.5 J	1.2 U	1.4 U
Potassium	MG/KG	81.9 J	267 J	48.2 U	219 J	102 J	93.5
Selenium	MG/KG	0.73 UJ	0.78 UJ	0.63 UJ	0.71 UJ	0.67 UJ	0.78 UJ
Silver	MG/KG	0.91 UJ	0.97 UJ	0.79 UJ	0.89 UJ	0.84 UJ	0.98 UJ
Sodium	MG/KG	13.8 U	13.5 U	13.1 U	21.4 U	8.5 U	23.5 U
Thallium	MG/KG	0.73 U	0.78 U	0.63 U	0.71 U	0.67 U	0.78 U
Vanadium	MG/KG	5.4	9.3	1.7	26.1	1.7	1.9
Zinc	MG/KG	1.8 J	2.5 UJ	1.3 UJ	5.1 J	1.3 UJ	2.0 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB17-01	1-S-SB17-03	1-S-SB17-06	1-S-SB18-01	1-S-SB18-04	1-S-SB18-07
Laboratory Sample ID:		940225-19	940225-20	940225-21	940280-21	940280-22	940280-23
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
Aluminum	MG/KG	3540	3010	5480	3870	4420	2240
Antimony	MG/KG	6.2 UJ	6.6 UJ	6.9 UJ	6.8 UJ	7.3 UJ	6.7 UJ
Arsenic	MG/KG	1.4	2.8	0.61 U	0.60 U	0.64 U	0.59 U
Barium	MG/KG	8.7	4.8	11.8	10.9	6.6	2.7
Beryllium	MG/KG	0.18 U	0.19 U	0.20 U	0.20 U	0.21 U	0.20 U
Cadmium	MG/KG	0.54 U	0.58 U	0.61 U	0.60 U	0.64 U	0.59 U
Calcium	MG/KG	37800 J	488 J	48.1 J	2350	915	74.5
Chromium	MG/KG	6.9	7.1	5.0	4.5	4.8	3.3
Cobalt	MG/KG	0.81 U	0.78 U	0.81 U	0.80 U	0.86 U	0.79 U
Copper	MG/KG	2.3 U	1.2 U	1.2	3.0	1.3 U	3.2
Iron	MG/KG	2170	2760	503	3490	1710	179
Lead	MG/KG	5.3	2.9	3.8	3.8 J	4.0 J	2.4 UJ
Magnesium	MG/KG	638	140	112	160	199	22.0
Manganese	MG/KG	32.1	0.60 J	0.35 J	25.0	7.3	1.3
Mercury	MG/KG	0.05 U	0.05 U	0.06 U	0.05 U	0.05 U	0.05 U
Nickel	MG/KG	2.6	1.4 U	3.4	4.3 J	1.7 J	1.4 UJ
Potassium	MG/KG	140 U	179 U	125 J	142 J	231 J	77.8 J
Selenium	MG/KG	0.73 UJ	0.78 UJ	0.81 UJ	0.80 U	0.86 U	0.79 U
Silver	MG/KG	0.91 UJ	0.97 UJ	1.0 UJ	0.99 UJ	1.1 UJ	0.99 UJ
Sodium	MG/KG	53.4 U	27.5 U	34.0 U	38.0 U	28.9 U	23.6 U
Thallium	MG/KG	0.73 U	0.78 U	0.81 U	0.80 U	0.86 U	0.79 U
Vanadium	MG/KG	8.6	8.4	3.1	6.0	6.5	0.94
Zinc	MG/KG	6.1 J	1.5 UJ	2.1 UJ	63.7	1.3	37.6

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB19-04	1-N-SB20-05	1-N-SB21-01	1-N-SB21-04	1-N-SB21-07	1-N-SB22-01
Laboratory Sample ID:		940251-01	940260-02	940260-03	940260-04	940260-05	940272-10
Date Sampled:		3/28/94	3/29/94	3/29/94	3/29/94	3/29/94	4/5/94
	UNITS						
Aluminum	MG/KG	1870	11200	1880	6810	4700	4980
Antimony	MG/KG	6.7 UJ	7.3 UJ	6.1 UJ	6.7 UJ	7.6 UJ	6.8 UJ
Arsenic	MG/KG	0.67	0.64 U	0.54 U	0.59 U	3.4	0.73 J
Barium	MG/KG	5.4	18.1	2.5	14.0	8.2	8.2
Beryllium	MG/KG	0.20 U	0.21 U	0.18 U	0.20 U	0.22 U	0.20 U
Cadmium	MG/KG	0.60 U	0.64 U	0.54 U	0.59 U	0.67 U	0.60 U
Calcium	MG/KG	405 J	226 J	832 J	303 J	174 J	1200 J
Chromium	MG/KG	1.7 J	9.9 J	2.7 J	6.2 J	5.7 J	5.8 J
Cobalt	MG/KG	0.79 U	0.86 UJ	0.72 UJ	0.79 UJ	0.89 UJ	0.80 UJ
Copper	MG/KG	1.2 U	1.7	1.1 U	1.6	1.3 U	1.6
Iron	MG/KG	834	1490	850	1290	2440	2870
Lead	MG/KG	2.9 UJ	5.9 J	2.8 J	4.6 J	4.8 J	5.4 J
Magnesium	MG/KG	48.2 J	292	59.2	123	98.2	130
Manganese	MG/KG	10.0	6.7 J	1.7 J	3.5 J	2.5 J	5.5 J
Mercury	MG/KG	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U
Nickel	MG/KG	1.4 U	3.7	1.3 U	1.8	1.6 U	1.9 J
Potassium	MG/KG	29.1 J	309 J	46.0 J	150 J	183 J	136 J
Selenium	MG/KG	0.79 UJ	0.86 UJ	0.72 UJ	0.79 UJ	0.89 UJ	0.80 UJ
Silver	MG/KG	0.99 UJ	1.1 UJ	0.90 UJ	0.98 UJ	1.1 UJ	1.0 UJ
Sodium	MG/KG	26.4	47.6 U	10.4 U	28.8 U	28.4 U	21.0 U
Thallium	MG/KG	0.79 U	0.86 U	0.72 U	0.79 U	0.89 U	0.80 U
Vanadium	MG/KG	2.8	7.7	3.8	5.8	8.2	8.7
Zinc	MG/KG	1.3 J	6.0 UJ	2.1 UJ	4.1 UJ	5.1 UJ	3.2 J

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB22-06	1-N-SB22-08	1-N-SB23-01	1-N-SB23-05	1-N-SB23-08	1-N-SB24-01
Laboratory Sample ID:		940279-01	940279-03	940272-12	940272-13	940272-14	940260-06
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	3/29/94
	UNITS						
Aluminum	MG/KG	2180	508	1710	6970	1420	2850
Antimony	MG/KG	6.8 UJ	6.9 UJ	6.5 UJ	5.9 UJ	6.4 UJ	5.9 UJ
Arsenic	MG/KG	0.60 U	0.68	0.57 UJ	0.52 UJ	0.56 UJ	0.52 U
Barium	MG/KG	3.5	2.4	3.3	9.7	2.7	4.4
Beryllium	MG/KG	0.20 U	0.20 U	0.19 U	0.17 U	0.19 U	0.17 U
Cadmium	MG/KG	0.60 U	0.61 U	0.57 U	0.52 U	0.56 U	0.52 U
Calcium	MG/KG	226 J	124 J	1000 J	369 J	76.2 UJ	2290 J
Chromium	MG/KG	3.7	2.9	1.9 J	9.1 J	2.9 J	3.2 J
Cobalt	MG/KG	0.80 U	0.82 U	0.77 UJ	0.69 UJ	0.75 UJ	0.69 UJ
Copper	MG/KG	1.2 U	1.2 U	1.1 U	1.1	1.1 U	1.0 U
Iron	MG/KG	484	706	1080	1490	320	599
Lead	MG/KG	2.2	1.4 U	1.6 J	5.0 J	1.8 UJ	3.4 J
Magnesium	MG/KG	67.6	17.3	70.0	193	28.9	120
Manganese	MG/KG	2.6 J	0.84 J	5.8 J	3.8 J	3.3 J	2.9 J
Mercury	MG/KG	0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.06 U
Nickel	MG/KG	1.4 U	1.4 U	1.5 J	1.2 UJ	1.3 UJ	1.2 U
Potassium	MG/KG	101 J	46.4 J	52.9 J	304 J	62.2 J	81.3 J
Selenium	MG/KG	0.80 UJ	0.82 UJ	0.77 UJ	0.69 UJ	0.75 UJ	0.69 UJ
Silver	MG/KG	1.0 UJ	1.0 UJ	0.96 UJ	0.87 UJ	0.94 UJ	0.86 UJ
Sodium	MG/KG	12.4	26.5	35.3 U	18.2 U	25.0	26.7 U
Thallium	MG/KG	0.80 U	0.82 U	0.77 U	0.69 U	0.75 U	0.69 U
Vanadium	MG/KG	5.1	9.4	3.4	9.3	2.6	3.9
Zinc	MG/KG	1.1 J	0.61 UJ	2.9 J	4.2 J	0.97 J	2.5 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB24-04	1-N-SB24-07	1-N-SB25-01	1-N-SB25-06	1-N-SB26-01	1-N-SB26-04
Laboratory Sample ID:		940260-07	940260-08	940260-09	940259-01	940260-10	940260-12
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
Aluminum	MG/KG	6290	5620	2890	5030	3310	6480
Antimony	MG/KG	6.1 UJ	6.0 UJ	5.8 UJ	7.0 UJ	5.7 UJ	6.1 UJ
Arsenic	MG/KG	0.54 U	0.53 U	0.62	0.73	0.50 U	0.65
Barium	MG/KG	13.2	6.7	8.1	7.0	13.2	13.7
Beryllium	MG/KG	0.18 U	0.18 U	0.17 U	0.21 U	0.17 U	0.18 U
Cadmium	MG/KG	0.54 U	0.53 U	0.51 U	0.62 U	0.50 U	0.53 U
Calcium	MG/KG	221 J	139 J	44200 J	537 J	36400 J	298 J
Chromium	MG/KG	4.2 J	5.5 J	5.8 J	6.4 J	9.7 J	6.7 J
Cobalt	MG/KG	0.72 UJ	0.71 UJ	0.68 UJ	0.82 U	0.67 UJ	0.71 UJ
Copper	MG/KG	1.1 U	1.1 U	1.7	1.3	5.0	1.4
Iron	MG/KG	1040	1100	1510	1010	1740	1850
Lead	MG/KG	3.5 J	3.9 J	10.9 J	3.6 J	60.4 J	3.9 J
Magnesium	MG/KG	137	186	829	162 J	633	183
Manganese	MG/KG	6.4 J	4.1 J	10.6 J	4.2 J	17.1 J	5.3 J
Mercury	MG/KG	0.05 U	0.06 U	0.05 U	0.05 U	0.05 U	0.05 U
Nickel	MG/KG	1.3 U	1.8	1.2 U	1.4 U	1.3	1.2 U
Potassium	MG/KG	142 J	286 J	143 J	336 J	131 J	250 J
Selenium	MG/KG	0.72 UJ	0.71 UJ	0.68 UJ	0.82 UJ	0.67 UJ	0.71 UJ
Silver	MG/KG	0.89 UJ	0.88 UJ	0.85 UJ	1.0 UJ	0.84 UJ	0.89 UJ
Sodium	MG/KG	27.7 U	30.5 U	110 U	18.6	98.4 U	23.7 U
Thallium	MG/KG	0.72 U	0.71 U	0.68 U	0.82 U	0.67 U	0.71 U
Vanadium	MG/KG	4.5	6.6	5.6	8.1	5.1	10.2
Zinc	MG/KG	4.0 UJ	4.0 UJ	14.5 J	3.1 J	40.9 J	3.9 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB27-01	1-N-SB27-05	1-N-SB28-01	1-N-SB28-04	1-N-SB29-02	1-N-SB30-03
Laboratory Sample ID:		940260-14	940259-02	940260-15	940260-16	940251-02	940251-03
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/28/94	3/29/94
	UNITS						
Aluminum	MG/KG	1440	3080	1190	5330	2020	6260
Antimony	MG/KG	6.9 UJ	6.2 UJ	5.9 UJ	5.8 UJ	7.2 UJ	7.1 UJ
Arsenic	MG/KG	0.95	0.82	0.52 U	0.52 U	0.66	3.1
Barium	MG/KG	21.3	11.0	4.0	8.4	6.7	10.3
Beryllium	MG/KG	0.20 U	0.18 U	0.17 U	0.17 U	0.21 U	0.21 U
Cadmium	MG/KG	0.61 U	0.55 U	0.52 U	0.52 U	0.64 U	0.63 U
Calcium	MG/KG	81300 J	60900 J	36500 J	1300 J	57000 J	252 J
Chromium	MG/KG	7.5 J	7.9 J	3.5 J	6.6 J	6.4 J	13.6 J
Cobalt	MG/KG	0.82 UJ	0.73 U	0.70 UJ	0.69 UJ	0.89	1.3
Copper	MG/KG	1.2 U	1.3	1.0 U	1.1	3.8	2.3
Iron	MG/KG	1210	1250	978	1110	1210	5830
Lead	MG/KG	1.9 U	2.1 J	10.5 J	4.0 J	14.6 J	6.2 J
Magnesium	MG/KG	1160	1050	556	192	908	170
Manganese	MG/KG	12.7 J	9.2 J	9.8 J	3.9 J	10.8 J	2.0 J
Mercury	MG/KG	0.05 U	0.24	0.05 U	0.06 U	0.04 U	0.05 U
Nickel	MG/KG	1.4 U	2.5	1.2 U	3.0	1.5 U	1.5 U
Potassium	MG/KG	154 J	228 J	67.2 J	371 J	105 J	215 J
Selenium	MG/KG	0.82 UJ	0.73 UJ	0.70 UJ	0.69 UJ	0.85 UJ	0.84 UJ
Silver	MG/KG	1.0 UJ	0.91 UJ	0.87 UJ	0.86 UJ	1.1 UJ	1.0 UJ
Sodium	MG/KG	161	92.8	70.1 U	30.9 U	153	14.3
Thallium	MG/KG	0.82 U	0.73 U	0.70 U	0.69 U	0.85 U	0.84 U
Vanadium	MG/KG	6.8	8.9	3.2	8.8	4.7	20.6
Zinc	MG/KG	6.5 UJ	3.9 J	6.2 UJ	4.2 UJ	33.3 J	1.3 J

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB31-01	1-N-SB31-04	1-N-SB32-01	1-N-SB32-04	1-N-SB32-07	1-N-SB33-01
Laboratory Sample ID:		940260-17	940259-03	940272-01	940271-01	940271-02	940320-05
Date Sampled:		3/29/94	3/29/94	4/5/94	4/5/94	4/5/94	4/18/94
	UNITS						
Aluminum	MG/KG	807	3880	2260	7730	2350	2120
Antimony	MG/KG	6.7 UJ	6.4 UJ	5.3 UJ	7.1 UJ	10.1 UJ	5.6 UJ
Arsenic	MG/KG	0.59 U	0.57 U	0.47 UJ	0.63 U	0.52 U	0.74
Barium	MG/KG	17.3	5.8	4.1	10.1	4.2	12.4
Beryllium	MG/KG	0.20 U	0.19 U	0.16 U	0.21 U	0.17 U	0.17 U
Cadmium	MG/KG	0.59 U	0.57 U	0.47 U	0.63 U	0.52 U	0.50 U
Calcium	MG/KG	25500 J	398 J	669 J	6450 J	98.0 J	53700 J
Chromium	MG/KG	10.0 J	5.5 J	2.6 J	14.7	3.9	6.6
Cobalt	MG/KG	0.79 UJ	0.75 U	0.62 UJ	1.1	0.70 U	0.66 U
Copper	MG/KG	1.2 U	1.1 U	0.93 U	2.2	1.0 U	2.1
Iron	MG/KG	721	1160	871	1590	498	1500
Lead	MG/KG	1.2 UJ	3.1 J	1.9 UJ	4.3	2.9	16.4
Magnesium	MG/KG	386	137	44.2	261	87.5	829
Manganese	MG/KG	6.4 J	3.3 J	4.1 J	3.2 J	1.8 J	14.2
Mercury	MG/KG	0.04 U	0.05 U	0.04 U	0.05 U	0.05 U	0.04 U
Nickel	MG/KG	1.4 U	1.3 U	1.5 J	4.4	2.1	1.2
Potassium	MG/KG	92.8 J	244 J	94.4 J	437 J	233 J	117 J
Selenium	MG/KG	0.79 UJ	0.75 UJ	0.62 UJ	0.84 UJ	0.70 UJ	0.66 UJ
Silver	MG/KG	0.98 UJ	0.94 UJ	0.78 UJ	1.0 UJ	0.87 UJ	0.83 UJ
Sodium	MG/KG	67.6 U	28.2	25.5 U	49.8 U	26.7 U	117 U
Thallium	MG/KG	0.79 U	0.75 U	0.62 U	0.84 U	0.70 U	0.66 U
Vanadium	MG/KG	4.9	8.1	3.0	12.7	4.8	3.9
Zinc	MG/KG	4.2 UJ	2.7 J	1.4 J	3.7 UJ	2.0 UJ	8.8

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB33-04	1-N-SB33-07	1-N-SB34-01	1-N-SB34-03	1-N-SB34-07	1-N-SB35-01
Laboratory Sample ID:		940320-06	940320-07	940260-18	940260-19	940260-20	940260-21
Date Sampled:		4/18/94	4/18/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
Aluminum	MG/KG	8260	4470	2420	3730	5110	1370
Antimony	MG/KG	6.7 UJ	7.0	6.9 UJ	6.6 UJ	6.0 UJ	5.4 UJ
Arsenic	MG/KG	0.59 U	5.6	0.79	0.88	0.60	0.48 U
Barium	MG/KG	9.3	11.7	6.1	10.1	5.1	15.4
Beryllium	MG/KG	0.20 U	0.17 U	0.20 U	0.19 U	0.18 U	0.16 U
Cadmium	MG/KG	0.59 U	0.52 U	0.60 U	0.58 U	0.53 U	0.48 U
Calcium	MG/KG	323 J	603	61700 J	2160 J	160 J	38200 J
Chromium	MG/KG	9.3	9.3	7.6 J	5.9 J	2.4 J	5.0 J
Cobalt	MG/KG	0.78 U	0.80	0.81 UJ	0.77 UJ	0.71 UJ	0.64 UJ
Copper	MG/KG	2.0	1.6	1.2 U	1.4	1.1 U	2.3
Iron	MG/KG	1480	5960	1880	2530	680	783
Lead	MG/KG	4.4	4.5	10.1 J	7.7 J	4.7 J	11.6 J
Magnesium	MG/KG	210	257	998	170	117	609
Manganese	MG/KG	3.6	4.5	14.7 J	6.5 J	3.5 J	8.3 J
Mercury	MG/KG	0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.05 U
Nickel	MG/KG	2.7	1.8	1.4 U	1.4 U	1.2 U	1.1 U
Potassium	MG/KG	315 J	237 J	125 J	144 J	233 J	76.4 J
Selenium	MG/KG	0.78 UJ	0.69 U	0.81 UJ	0.77 UJ	0.71 UJ	0.64 UJ
Silver	MG/KG	0.98 UJ	0.86 UJ	1.0 UJ	0.97 UJ	0.88 UJ	0.79 UJ
Sodium	MG/KG	41.2 U	24.2	138	32.4 U	25.4 U	84.5 U
Thallium	MG/KG	0.78 U	0.69 U	0.81 U	0.77 U	0.71 U	0.64 U
Vanadium	MG/KG	9.8	14.0	5.4	8.3	5.1	3.9
Zinc	MG/KG	3.3	2.8	10.3 J	9.8 J	2.5 UJ	25.1 J

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB35-06	1-N-SB36-01	1-N-SB36-06	1-N-SB37-01	1-N-SB37-02	1-GW07-03
Laboratory Sample ID:		940260-22	940225-12	940251-04	940260-23	940260-24	940289-27
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	4/12/94
	UNITS						
Aluminum	MG/KG	1900	2530	5150	1970	1890	5640
Antimony	MG/KG	7.6 UJ	6.5 UJ	7.8 UJ	6.7 UJ	6.3 UJ	6.1 U
Arsenic	MG/KG	0.67 U	0.57 U	0.68 U	0.59 U	0.55 U	1.4
Barium	MG/KG	3.7	5.9	5.8	17.8	5.1	9.4
Beryllium	MG/KG	0.22 U	0.19 U	0.23 U	0.20 U	0.18 U	0.18 U
Cadmium	MG/KG	0.67 U	0.57 U	0.68 U	0.59 U	0.55 U	0.54 U
Calcium	MG/KG	132 J	12900 J	304 J	9300 J	26300 J	77.9
Chromium	MG/KG	2.9 J	4.3	6.7 J	3.5 J	3.6 J	8.5
Cobalt	MG/KG	0.89 UJ	0.77 U	1.1	0.79 UJ	0.74 UJ	0.72 U
Copper	MG/KG	1.3 U	1.3 U	1.4 U	1.8	1.1 U	1.1 U
Iron	MG/KG	438	1300	1090	1070	1120	2240
Lead	MG/KG	3.4 J	4.3	3.3 J	2.9 J	8.6 J	4.1
Magnesium	MG/KG	49.6	223	122	176	463	232
Manganese	MG/KG	2.1 J	3.3 J	2.3 J	6.4 J	8.2 J	6.9
Mercury	MG/KG	0.05 U	0.04 U	0.06 U	0.04 U	0.05 U	0.08
Nickel	MG/KG	1.6 U	1.3 U	1.6 U	1.4 U	1.3 U	1.3 UJ
Potassium	MG/KG	128 J	61.8 U	240 J	57.8 J	81.8 J	237 J
Selenium	MG/KG	0.89 UJ	0.77 UJ	0.91 UJ	0.79 UJ	0.74 UJ	0.72 U
Silver	MG/KG	1.1 UJ	0.96 UJ	1.1 UJ	0.99 UJ	0.92 UJ	0.90 UJ
Sodium	MG/KG	26.2 U	22.1 U	35.4	41.3 U	68.7 U	13.4 U
Thallium	MG/KG	0.89 U	0.77 U	0.91 U	0.79 U	0.74 U	0.72 U
Vanadium	MG/KG	4.6	4.2	8.2	4.1	3.7	8.5
Zinc	MG/KG	3.2 UJ	4.0 UJ	2.0 J	4.1 UJ	10.6 J	3.7

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-GW07-06	1-GW08-03	1-GW08-06	1-GW09-03	1-GW10-03	1-GW10-06
Laboratory Sample ID:		940289-28	940302-02	940302-03	940289-10	940289-30	940289-31
Date Sampled:		4/12/94	4/12/94	4/12/94	4/10/94	4/11/94	4/11/94
	UNITS						
Aluminum	MG/KG	1620	3610	3300	5630	8220	8530
Antimony	MG/KG	6.4 U	7 U	7.6 U	7.0	7.5 U	7.6
Arsenic	MG/KG	1.0	2.4	1.6	0.86	2.0	5.0
Barium	MG/KG	3.7	6.30	5.9	12.2	16.2	8.3
Beryllium	MG/KG	0.19 U	0.21 U	0.22 U	0.18 U	0.22 U	0.19 U
Cadmium	MG/KG	0.56 U	0.62 U	0.67 U	0.54 U	0.66 U	0.78 U
Calcium	MG/KG	16.6 U	525	592	107	233	84.4
Chromium	MG/KG	4.5	7.30	6.7	7.4	10.2	17.5
Cobalt	MG/KG	0.75 U	0.82 U	0.89 U	0.72 U	0.88 U	0.75 U
Copper	MG/KG	1.1 U	1.2 U	1.6	1.5	1.4	2.9
Iron	MG/KG	773	4750	3190	3140	2660	9000
Lead	MG/KG	3.1	4	4.4	4.0	4.7	5.1
Magnesium	MG/KG	55.1	163	195	219	228	304
Manganese	MG/KG	3.7	2.2	4.4	4.1	3.7	4.3
Mercury	MG/KG	0.05 U	0.05 U	0.06 U	0.05 U	0.05 U	0.06 U
Nickel	MG/KG	1.3 UJ	1.4 U	1.6 U	1.3 UJ	1.5 UJ	1.3 U
Potassium	MG/KG	84.0 J	219 J	238 J	132 J	200 J	436 J
Selenium	MG/KG	0.75 U	0.82 U	0.89 U	0.72 U	0.88 U	0.81
Silver	MG/KG	0.94 UJ	1.0 UJ	1.1 UJ	0.90 UJ	1.1 UJ	0.94 UJ
Sodium	MG/KG	13.1 U	32.40 U	28.6 U	21.4 U	24.1 U	0.75 U
Thallium	MG/KG	0.75 U	0.82 U	0.89 U	0.72 UJ	0.88 U	0.75 U
Vanadium	MG/KG	3.3	10.5	8.8	9.6	11.9	20.5
Zinc	MG/KG	0.98 U	6.4	6.9	2.5 U	3.7	5.4

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-GW11-01	1-GW12-02	1-GW16-04	1-GW16-06	1-GW16DW-04	1-GW16DW-07
Laboratory Sample ID:		940289-12	940289-14	940302-06	940302-07	940369-02	940369-03
Date Sampled:		4/10/94	4/10/94	4/13/94	4/13/94	5/2/94	5/2/94
	UNITS						
Aluminum	MG/KG	3480	7420	2160	1080	6490	2070
Antimony	MG/KG	6.2 U	7.2 U	5.9 U	7.5 U	7.0	7.6
Arsenic	MG/KG	0.83	0.64 U	2.30	0.66 U	5.60	0.51 U
Barium	MG/KG	5.2	9.7	3.9	2.1	11.7	3.1
Beryllium	MG/KG	0.18 U	0.21 U	0.18 U	0.22 U	0.17 U	0.17 U
Cadmium	MG/KG	0.55 U	0.64 U	0.68 U	0.66 U	0.52 U	0.62
Calcium	MG/KG	55.2	22.3 U	34.1	32.5 U	603.0	56.5
Chromium	MG/KG	6.8	11.8	4.0	2.4	9.3	6.2
Cobalt	MG/KG	0.73 U	0.85 U	0.70 U	0.88 U	0.80	0.98
Copper	MG/KG	1.1 U	1.3 U	1.0 U	1.3 U	1.6	1.0 U
Iron	MG/KG	2650	1910	2630	820	5960	705
Lead	MG/KG	3.2	4.6	2.6	2.2	4.5	3.0
Magnesium	MG/KG	114	216	97.2	38.6	257.0	30.8
Manganese	MG/KG	1.7 J	3.5 J	1.2	2.1	4.5	3.3
Mercury	MG/KG	0.05 U	0.07 U	0.06 U	0.05 U	0.05 U	0.05 U
Nickel	MG/KG	1.3 UJ	1.5 UJ	1.2	1.5 U	1.8	2.5
Potassium	MG/KG	168 J	289 J	143 J	52.9 J	237.0 J	47.8 J
Selenium	MG/KG	0.73 U	0.85 U	0.70 U	0.88 U	0.69 U	0.68 U
Silver	MG/KG	0.92 UJ	1.1 UJ	0.87 UJ	1.1 UJ	0.86 UJ	0.85 UJ
Sodium	MG/KG	13.1 U	24.4 U	27.9 U	34.0 U	24.2	13.5
Thallium	MG/KG	0.73 UJ	0.85 UJ	0.70 U	0.88 U	0.69 U	0.68 U
Vanadium	MG/KG	11.2	13.2	6.2	4.6	14.0	2.6
Zinc	MG/KG	2.1 U	3.0 U	0.86	0.66 U	2.8	1.1

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-GW17-05	1-GW17DW-05
Laboratory Sample ID:		940320-03	940389-02
Date Sampled:		4/19/94	5/5/94
	UNITS		
Aluminum	MG/KG	1870	3370
Antimony	MG/KG	6.5 UJ	6.4 UJ
Arsenic	MG/KG	0.79	0.56 U
Barium	MG/KG	8.1	6.6
Beryllium	MG/KG	0.19 U	0.19 U
Cadmium	MG/KG	0.57 U	0.56 U
Calcium	MG/KG	35900 J	331 J
Chromium	MG/KG	6.6	4.6
Cobalt	MG/KG	0.76 U	1.2 U
Copper	MG/KG	3.9	1.1 U
Iron	MG/KG	1620	909
Lead	MG/KG	14.5	2.6
Magnesium	MG/KG	602	132
Manganese	MG/KG	18.4	5.0
Mercury	MG/KG	0.04 U	0.05 U
Nickel	MG/KG	2.6	1.5
Potassium	MG/KG	102 J	263 J
Selenium	MG/KG	0.76 UJ	0.75 UJ
Silver	MG/KG	0.95 UJ	0.94 UJ
Sodium	MG/KG	97.3 U	13.1 U
Thallium	MG/KG	0.76 U	0.75 U
Vanadium	MG/KG	2.8	5.4
Zinc	MG/KG	15.0	2.0 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Aluminum	MG/KG	NA	NA	508	13700	1-S-SB06-01	110/110
Antimony	MG/KG	5.3 UJ	12.1 UJ	6.1 J	7.8 J	1-N-SB36-06	7/110
Arsenic	MG/KG	0.47 U	0.68 U	0.6	5.6	1-GW16DW-04	58/110
Barium	MG/KG	NA	NA	2.1	21.3	1-N-SB27-01	110/110
Beryllium	MG/KG	0.15 U	0.23 U	ND	ND		0/110
Cadmium	MG/KG	0.47 U	0.78 U	0.62	1.1	1-S-SB13-07	5/110
Calcium	MG/KG	8.9 U	736 U	16.3 J	81300 J	1-N-SB27-01	86/110
Chromium	MG/KG	1.2 UJ	1.2 UJ	1.5	17.5	1-GW10-06	109/110
Cobalt	MG/KG	0.62 UJ	1.2 U	0.64	1.3	1-N-SB30-03	13/110
Copper	MG/KG	0.93 U	4 U	1.1	5	1-N-SB26-01	42/110
Iron	MG/KG	NA	NA	112	9320	1-S-SB16-01	110/110
Lead	MG/KG	1.2 UJ	2.9 UJ	1.3	60.4 J	1-N-SB26-01	101/110
Magnesium	MG/KG	24.5 U	26.9 U	9.4	1160	1-N-SB27-01	108/110
Manganese	MG/KG	0.2 UJ	1.7 U	0.26 J	61.3	1-S-SB11-01	108/110
Mercury	MG/KG	0.04 U	0.07 U	0.06	0.34	1-S-SB01-08	7/110
Nickel	MG/KG	1.1 U	5.7 U	1.2	4.4	1-N-SB32-04	40/110
Potassium	MG/KG	39 U	296 U	20.3 J	437 J	1-N-SB32-04	89/110
Selenium	MG/KG	0.61 UJ	0.92 UJ	0.81	1.5 J	1-S-SB03-01	2/110
Silver	MG/KG	0.77 UJ	1.2 UJ	1 J	1 J	1-S-SB12-01	1/110
Sodium	MG/KG	0.75 U	117 U	10.2	161	1-N-SB27-01	26/110
Thallium	MG/KG	0.61 U	0.92 U	ND	ND		0/110
Vanadium	MG/KG	NA	NA	0.58	26.1	1-S-SB16-01	110/110
Zinc	MG/KG	0.44 U	6.5 UJ	0.63 J	78.6 J	1-S-SB01-01	74/110

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW01-01	1-GW02-01	1-GW03-01	1-GW04-01	1-GW06-01	1-GW07-01
Laboratory Sample ID:		940334-20	940334-22	940334-24	940341-05	940334-25	940341-09
Date Sampled:		4/22/94	4/22/94	4/22/94	4/24/94	4/23/94	4/24/94
	UNITS						
VOLATILES							
Chloromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Vinyl chloride	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Chloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	UG/L	NA	NA	NA	NA	NA	NA
Carbon Disulfide	UG/L	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethene(total)	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Chloroform	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
2-Butanone	UG/L	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Carbon tetrachloride	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Bromodichloromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloropropane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,3-Dichloropropene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Trichloroethene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Dibromochloromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2-Trichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Benzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,3-Dichloropropene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
2-Chloroethylvinylether	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Bromoform	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Tetrachloroethene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Toluene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Chlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Xylene (total)	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dichlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Trichlorofluoromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
4-Methyl-2-pentanone	UG/L	NA	NA	NA	NA	NA	NA
2-Hexanone	UG/L	NA	NA	NA	NA	NA	NA
Styrene	UG/L	NA	NA	NA	NA	NA	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW01-01	1-GW02-01	1-GW03-01	1-GW04-01	1-GW06-01	1-GW07-01
Laboratory Sample ID:		940334-20	940334-22	940334-24	940341-05	940334-25	940341-09
Date Sampled:		4/22/94	4/22/94	4/22/94	4/24/94	4/23/94	4/24/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl) ether	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy) methane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloronaphthalene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
Dimethyl phthalate	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
Acenaphthene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW01-01	1-GW02-01	1-GW03-01	1-GW04-01	1-GW06-01	1-GW07-01
Laboratory Sample ID:		940334-20	940334-22	940334-24	940341-05	940334-25	940341-09
Date Sampled:		4/22/94	4/22/94	4/22/94	4/24/94	4/23/94	4/24/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	UG/L	25 UJ	25 U	25 U	25 R	25 U	25 R
Dibenzofuran	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	UG/L	10 UJ	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	UG/L	25 U	25 U	25 U	25 UJ	25 U	25 UJ
4,6-Dinitro-2-methylphenol	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
N-nitrosodiphenylamine	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
di-n-Butylphthalate	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	UG/L	10 UJ	10 U	10 U	10 R	10 U	10 R
Benzo[a]anthracene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
di-n-Octylphthalate	UG/L	10 U	10 UJ	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	UG/L	10 U	10 UJ	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	UG/L	10 U	10 UJ	10 U	10 U	10 U	10 U
Benzo[a]pyrene	UG/L	10 U	10 UJ	10 U	10 U	10 U	10 U
Indeno[1,2,3-cd]pyrene	UG/L	10 U	10 UJ	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	UG/L	10 U	10 UJ	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	UG/L	10 U	10 UJ	10 U	10 U	10 U	10 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW01-01	1-GW02-01	1-GW03-01	1-GW04-01	1-GW06-01	1-GW07-01
Laboratory Sample ID:		940334-20	940334-22	940334-24	940341-05	940334-25	940341-09
Date Sampled:		4/22/94	4/22/94	4/22/94	4/24/94	4/23/94	4/24/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
beta-BHC	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
delta-BHC	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
Lindane (gamma-BHC)	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
Heptachlor	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
Aldrin	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
Heptachlor epoxide	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
Endosulfan I	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
Dieldrin	UG/L	NA	NA	NA	0.10 UJ	0.10 U	NA
4,4'-DDE	UG/L	NA	NA	NA	0.10 UJ	0.10 U	NA
Endrin	UG/L	NA	NA	NA	0.10 UJ	0.10 U	NA
Endosulfan II	UG/L	NA	NA	NA	0.10 UJ	0.10 U	NA
4,4'-DDD	UG/L	NA	NA	NA	0.10 UJ	0.10 U	NA
Endosulfan sulfate	UG/L	NA	NA	NA	0.10 UJ	0.10 U	NA
4,4'-DDT	UG/L	NA	NA	NA	0.10 UJ	0.10 U	NA
Methoxychlor	UG/L	NA	NA	NA	0.50 UJ	0.50 U	NA
Endrin ketone	UG/L	NA	NA	NA	0.10 UJ	0.10 U	NA
Endrin aldehyde	UG/L	NA	NA	NA	0.10 UJ	0.10 U	NA
alpha-Chlordane	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
gamma-Chlordane	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
Toxaphene	UG/L	NA	NA	NA	5.0 UJ	5.0 U	NA
Aroclor 1016	UG/L	NA	NA	NA	1.0 UJ	1.0 U	NA
Aroclor 1221	UG/L	NA	NA	NA	2.0 UJ	2.0 U	NA
Aroclor 1232	UG/L	NA	NA	NA	1.0 UJ	1.0 U	NA
Aroclor 1242	UG/L	NA	NA	NA	1.0 UJ	1.0 U	NA
Aroclor 1248	UG/L	NA	NA	NA	1.0 UJ	1.0 U	NA
Aroclor 1254	UG/L	NA	NA	NA	1.0 UJ	1.0 U	NA
Aroclor 1260	UG/L	NA	NA	NA	1.0 UJ	1.0 U	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW08-01	1-GW09-01	1-GW10-01	1-GW11-01	1-GW12-01	1-GW13-01
Laboratory Sample ID:		940341-11	940341-13	940341-15	940341-17	940341-19	940334-27
Date Sampled:		4/24/94	4/24/94	4/24/94	4/24/94	4/24/94	4/23/94
	UNITS						
VOLATILES							
Chloromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Vinyl chloride	UG/L	2 U	2 U	2	2 U	2 U	2 U
Chloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	UG/L	NA	NA	NA	NA	NA	NA
Carbon Disulfide	UG/L	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethene(total)	UG/L	2 U	2 U	10	2 U	2 U	2 U
Chloroform	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
2-Butanone	UG/L	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Carbon tetrachloride	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Bromodichloromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloropropane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,3-Dichloropropene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Trichloroethene	UG/L	2 U	2 U	4	1 J	2 U	2 U
Dibromochloromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2-Trichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Benzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,3-Dichloropropene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
2-Chloroethylvinylether	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Bromoform	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Tetrachloroethene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Toluene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Chlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Xylene (total)	UG/L	2 U	2 U	2 U	2 U	3	2 U
1,3-Dichlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dichlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Trichlorofluoromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
4-Methyl-2-pentanone	UG/L	NA	NA	NA	NA	NA	NA
2-Hexanone	UG/L	NA	NA	NA	NA	NA	NA
Styrene	UG/L	NA	NA	NA	NA	NA	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW08-01	1-GW09-01	1-GW10-01	1-GW11-01	1-GW12-01	1-GW13-01
Laboratory Sample ID:		940341-11	940341-13	940341-15	940341-17	940341-19	940334-27
Date Sampled:		4/24/94	4/24/94	4/24/94	4/24/94	4/24/94	4/23/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
bis(2-Chloroethyl) ether	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
2-Chlorophenol	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
1,3-Dichlorobenzene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
1,4-Dichlorobenzene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
1,2-Dichlorobenzene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
2-Methylphenol	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
4-Methylphenol	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Hexachloroethane	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Nitrobenzene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Isophorone	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
2-Nitrophenol	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
2,4-Dimethylphenol	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
bis(2-Chloroethoxy) methane	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
2,4-Dichlorophenol	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
1,2,4-Trichlorobenzene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Naphthalene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
4-Chloroaniline	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Hexachlorobutadiene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
4-Chloro-3-methylphenol	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
2-Methylnaphthalene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Hexachlorocyclopentadiene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
2,4,6-Trichlorophenol	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
2,4,5-Trichlorophenol	UG/L	25 U	25 UJ	25 UJ	25 U	25 U	25 U
2-Chloronaphthalene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
2-Nitroaniline	UG/L	25 U	25 UJ	25 UJ	25 U	25 U	25 U
Dimethyl phthalate	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Acenaphthylene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
2,6-Dinitrotoluene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
3-Nitroaniline	UG/L	25 U	25 UJ	25 UJ	25 U	25 U	25 U
Acenaphthene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW08-01	1-GW09-01	1-GW10-01	1-GW11-01	1-GW12-01	1-GW13-01
Laboratory Sample ID:		940341-11	940341-13	940341-15	940341-17	940341-19	940334-27
Date Sampled:		4/24/94	4/24/94	4/24/94	4/24/94	4/24/94	4/23/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	25 U	25 UJ	25 UJ	25 U	25 U	25 U
4-Nitrophenol	UG/L	25 R	25 UJ	25 R	25 R	25 R	25 U
Dibenzofuran	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
2,4-Dinitrotoluene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Diethylphthalate	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Fluorene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
4-Nitroaniline	UG/L	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 U
4,6-Dinitro-2-methylphenol	UG/L	25 U	25 UJ	25 UJ	25 U	25 U	25 U
N-nitrosodiphenylamine	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
4-Bromophenyl-phenylether	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Hexachlorobenzene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Pentachlorophenol	UG/L	25 U	25 UJ	25 UJ	25 U	25 U	25 U
Phenanthrene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Anthracene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Carbazole	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
di-n-Butylphthalate	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Fluoranthene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Pyrene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Butyl benzyl phthalate	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
3,3'-Dichlorobenzidine	UG/L	10 R	10 UJ	10 R	10 R	10 R	10 U
Benzo[a]anthracene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Chrysene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	10 U	10 UJ	10 UJ	1 J	1 J	1 J
di-n-Octylphthalate	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Benzo[b]fluoranthene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Benzo[k]fluoranthene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Benzo[a]pyrene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Indeno[1,2,3-cd]pyrene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Dibenz[a,h]anthracene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Benzo[g,h,i]perylene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW08-01	1-GW09-01	1-GW10-01	1-GW11-01	1-GW12-01	1-GW13-01
Laboratory Sample ID:		940341-11	940341-13	940341-15	940341-17	940341-19	940334-27
Date Sampled:		4/24/94	4/24/94	4/24/94	4/24/94	4/24/94	4/23/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/L	NA	NA	NA	0.05 UJ	NA	NA
beta-BHC	UG/L	NA	NA	NA	0.05 UJ	NA	NA
delta-BHC	UG/L	NA	NA	NA	0.05 UJ	NA	NA
Lindane (gamma-BHC)	UG/L	NA	NA	NA	0.05 UJ	NA	NA
Heptachlor	UG/L	NA	NA	NA	0.05 UJ	NA	NA
Aldrin	UG/L	NA	NA	NA	0.05 UJ	NA	NA
Heptachlor epoxide	UG/L	NA	NA	NA	0.05 UJ	NA	NA
Endosulfan I	UG/L	NA	NA	NA	0.05 UJ	NA	NA
Dieldrin	UG/L	NA	NA	NA	0.10 UJ	NA	NA
4,4'-DDE	UG/L	NA	NA	NA	0.10 UJ	NA	NA
Endrin	UG/L	NA	NA	NA	0.10 UJ	NA	NA
Endosulfan II	UG/L	NA	NA	NA	0.10 UJ	NA	NA
4,4'-DDD	UG/L	NA	NA	NA	0.10 UJ	NA	NA
Endosulfan sulfate	UG/L	NA	NA	NA	0.10 UJ	NA	NA
4,4'-DDT	UG/L	NA	NA	NA	0.10 UJ	NA	NA
Methoxychlor	UG/L	NA	NA	NA	0.50 UJ	NA	NA
Endrin ketone	UG/L	NA	NA	NA	0.10 UJ	NA	NA
Endrin aldehyde	UG/L	NA	NA	NA	0.10 UJ	NA	NA
alpha-Chlordane	UG/L	NA	NA	NA	0.05 UJ	NA	NA
gamma-Chlordane	UG/L	NA	NA	NA	0.05 UJ	NA	NA
Toxaphene	UG/L	NA	NA	NA	5.0 UJ	NA	NA
Aroclor 1016	UG/L	NA	NA	NA	1.0 UJ	NA	NA
Aroclor 1221	UG/L	NA	NA	NA	2.0 UJ	NA	NA
Aroclor 1232	UG/L	NA	NA	NA	1.0 UJ	NA	NA
Aroclor 1242	UG/L	NA	NA	NA	1.0 UJ	NA	NA
Aroclor 1248	UG/L	NA	NA	NA	1.0 UJ	NA	NA
Aroclor 1254	UG/L	NA	NA	NA	1.0 UJ	NA	NA
Aroclor 1260	UG/L	NA	NA	NA	1.0 UJ	NA	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW14-01	1-GW15-01	1-GW16DW-01	1-GW16-01	1-GW17DW-01	1-GW17-01
Laboratory Sample ID:		940341-21	940334-29	940389-10	940341-23	940460-01	940341-25
Date Sampled:		4/24/94	4/23/94	5/9/94	4/24/94	5/25/94	4/24/94
	UNITS						
VOLATILES							
Chloromethane	UG/L	2 U	10 U	1 J	2 U	10 U	2 U
Bromomethane	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
Vinyl chloride	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
Chloroethane	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
Methylene chloride	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
Acetone	UG/L	NA	NA	NA	NA	76	NA
Carbon Disulfide	UG/L	NA	NA	NA	NA	10 U	NA
1,1-Dichloroethene	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
1,1-Dichloroethane	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
1,2-Dichloroethene(total)	UG/L	2 U	10 U	2 U	2 U	10 U	1 J
Chloroform	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
1,2-Dichloroethane	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
2-Butanone	UG/L	NA	NA	NA	NA	10 U	NA
1,1,1-Trichloroethane	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
Carbon tetrachloride	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
Bromodichloromethane	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
1,2-Dichloropropane	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
cis-1,3-Dichloropropene	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
Trichloroethene	UG/L	2 U	10 U	2 U	2 U	10 U	27
Dibromochloromethane	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
1,1,2-Trichloroethane	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
Benzene	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
trans-1,3-Dichloropropene	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
2-Chloroethylvinylether	UG/L	2 U	10 U	2 R	2 U	NA	2 U
Bromoform	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
Tetrachloroethene	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
1,1,2,2-Tetrachloroethane	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
Toluene	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
Chlorobenzene	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
Ethylbenzene	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
Xylene (total)	UG/L	2 U	10 U	2 U	2 U	10 U	2 U
1,3-Dichlorobenzene	UG/L	2 U	2 U	2 U	2 U	NA	2 U
1,4-Dichlorobenzene	UG/L	2 U	2 U	2 U	2 U	NA	2 U
1,2-Dichlorobenzene	UG/L	2 U	2 U	2 U	2 U	NA	2 U
Trichlorofluoromethane	UG/L	2 U	2 U	2 U	2 U	NA	2 U
4-Methyl-2-pentanone	UG/L	NA	NA	NA	NA	10 U	NA
2-Hexanone	UG/L	NA	NA	NA	NA	10 U	NA
Styrene	UG/L	NA	NA	NA	NA	10 U	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW14-01	1-GW15-01	1-GW16DW-01	1-GW16-01	1-GW17DW-01	1-GW17-01
Laboratory Sample ID:		940341-21	940334-29	940389-10	940341-23	940460-01	940341-25
Date Sampled:		4/24/94	4/23/94	5/9/94	4/24/94	5/25/94	4/24/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/L	10 R	10 U	10 U	10 U	6 J	10 U
bis(2-Chloroethyl) ether	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis-(1-chloropropane)	UG/L	10 R	10 U	10 UJ	10 U	10 U	10 U
4-Methylphenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Isophorone	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy) methane	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Naphthalene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	UG/L	25 R	25 U	25 U	25 U	25 U	25 U
2-Chloronaphthalene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	UG/L	25 R	25 U	25 U	25 U	25 U	25 U
Dimethyl phthalate	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	UG/L	25 R	25 U	25 U	25 U	25 U	25 U
Acenaphthene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW14-01	1-GW15-01	1-GW16DW-01	1-GW16-01	1-GW17DW-01	1-GW17-01
Laboratory Sample ID:		940341-21	940334-29	940389-10	940341-23	940460-01	940341-25
Date Sampled:		4/24/94	4/23/94	5/9/94	4/24/94	5/25/94	4/24/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	25 R	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	UG/L	25 R	25 U	25 U	25 U	25 UJ	25 U
Dibenzofuran	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	UG/L	10 R	10 U	10 U	10 U	1 J	10 U
4-Chlorophenyl phenyl ether	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Fluorene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	UG/L	25 R	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	UG/L	25 R	25 U	25 U	25 U	25 U	25 U
N-nitrosodiphenylamine	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	UG/L	25 R	25 U	25 U	25 U	25 U	25 U
Phenanthrene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Anthracene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Carbazole	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
di-n-Butylphthalate	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Fluoranthene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Pyrene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Benzo[a]anthracene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Chrysene	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	3 J	10 U	30 J	1 J	10 U	10 U
di-n-Octylphthalate	UG/L	10 R	10 U	10 U	10 U	10 UJ	10 U
Benzo[b]fluoranthene	UG/L	10 R	10 U	10 U	10 U	10 UJ	10 U
Benzo[k]fluoranthene	UG/L	10 R	10 U	10 U	10 U	10 UJ	10 U
Benzo[a]pyrene	UG/L	10 R	10 U	10 U	10 U	10 UJ	10 U
Indeno[1,2,3-cd]pyrene	UG/L	10 R	10 U	10 U	10 U	10 UJ	10 U
Dibenz[a,h]anthracene	UG/L	10 R	10 U	10 U	10 U	10 UJ	10 U
Benzo[g,h,i]perylene	UG/L	10 R	10 U	10 U	10 U	10 UJ	10 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW14-01	1-GW15-01	1-GW16DW-01	1-GW16-01	1-GW17DW-01	1-GW17-01
Laboratory Sample ID:		940341-21	940334-29	940389-10	940341-23	940460-01	940341-25
Date Sampled:		4/24/94	4/23/94	5/9/94	4/24/94	5/25/94	4/24/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
beta-BHC	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
delta-BHC	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
Lindane (gamma-BHC)	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
Heptachlor	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
Aldrin	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
Heptachlor epoxide	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
Endosulfan I	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
Dieldrin	UG/L	NA	NA	NA	0.10 UJ	NA	0.10 UJ
4,4'-DDE	UG/L	NA	NA	NA	0.10 UJ	NA	0.10 UJ
Endrin	UG/L	NA	NA	NA	0.10 UJ	NA	0.10 UJ
Endosulfan II	UG/L	NA	NA	NA	0.10 UJ	NA	0.10 UJ
4,4'-DDD	UG/L	NA	NA	NA	0.10 UJ	NA	0.10 UJ
Endosulfan sulfate	UG/L	NA	NA	NA	0.10 UJ	NA	0.10 UJ
4,4'-DDT	UG/L	NA	NA	NA	0.10 UJ	NA	0.10 UJ
Methoxychlor	UG/L	NA	NA	NA	0.50 UJ	NA	0.50 UJ
Endrin ketone	UG/L	NA	NA	NA	0.10 UJ	NA	0.10 UJ
Endrin aldehyde	UG/L	NA	NA	NA	0.10 UJ	NA	0.10 UJ
alpha-Chlordane	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
gamma-Chlordane	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
Toxaphene	UG/L	NA	NA	NA	5.0 UJ	NA	5.0 UJ
Aroclor 1016	UG/L	NA	NA	NA	1.0 UJ	NA	1.0 UJ
Aroclor 1221	UG/L	NA	NA	NA	2.0 UJ	NA	2.0 UJ
Aroclor 1232	UG/L	NA	NA	NA	1.0 UJ	NA	1.0 UJ
Aroclor 1242	UG/L	NA	NA	NA	1.0 UJ	NA	1.0 UJ
Aroclor 1248	UG/L	NA	NA	NA	1.0 UJ	NA	1.0 UJ
Aroclor 1254	UG/L	NA	NA	NA	1.0 UJ	NA	1.0 UJ
Aroclor 1260	UG/L	NA	NA	NA	1.0 UJ	NA	1.0 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-HP638-01
Laboratory Sample ID:		940296-01
Date Sampled:		4/11/94
	UNITS	
VOLATILES		
Chloromethane	UG/L	2 U
Bromomethane	UG/L	2 U
Vinyl chloride	UG/L	2 U
Chloroethane	UG/L	2 U
Methylene chloride	UG/L	2 U
Acetone	UG/L	NA
Carbon Disulfide	UG/L	NA
1,1-Dichloroethene	UG/L	2 U
1,1-Dichloroethane	UG/L	2 U
1,2-Dichloroethene(total)	UG/L	2 U
Chloroform	UG/L	2 U
1,2-Dichloroethane	UG/L	2 U
2-Butanone	UG/L	NA
1,1,1-Trichloroethane	UG/L	2 U
Carbon tetrachloride	UG/L	2 U
Bromodichloromethane	UG/L	2 U
1,2-Dichloropropane	UG/L	2 U
cis-1,3-Dichloropropene	UG/L	2 U
Trichloroethene	UG/L	2 U
Dibromochloromethane	UG/L	2 U
1,1,2-Trichloroethane	UG/L	2 U
Benzene	UG/L	2 U
trans-1,3-Dichloropropene	UG/L	2 U
2-Chloroethylvinylether	UG/L	2 U
Bromoform	UG/L	2 U
Tetrachloroethene	UG/L	2 U
1,1,2,2-Tetrachloroethane	UG/L	2 U
Toluene	UG/L	2 U
Chlorobenzene	UG/L	2 U
Ethylbenzene	UG/L	2 U
Xylene (total)	UG/L	2 U
1,3-Dichlorobenzene	UG/L	2 U
1,4-Dichlorobenzene	UG/L	2 U
1,2-Dichlorobenzene	UG/L	2 U
Trichlorofluoromethane	UG/L	2 U
4-Methyl-2-pentanone	UG/L	NA
2-Hexanone	UG/L	NA
Styrene	UG/L	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-HP638-01
Laboratory Sample ID:		940296-01
Date Sampled:		4/11/94
	UNITS	
SEMIVOLATILES		
Phenol	UG/L	10 U
bis(2-Chloroethyl) ether	UG/L	10 U
2-Chlorophenol	UG/L	10 U
1,3-Dichlorobenzene	UG/L	10 U
1,4-Dichlorobenzene	UG/L	10 U
1,2-Dichlorobenzene	UG/L	10 U
2-Methylphenol	UG/L	10 U
2,2'-oxybis-(1-chloropropane)	UG/L	10 U
4-Methylphenol	UG/L	10 U
N-Nitroso-di-n-propylamine	UG/L	10 U
Hexachloroethane	UG/L	10 U
Nitrobenzene	UG/L	10 U
Isophorone	UG/L	10 U
2-Nitrophenol	UG/L	10 U
2,4-Dimethylphenol	UG/L	10 U
bis(2-Chloroethoxy) methane	UG/L	10 U
2,4-Dichlorophenol	UG/L	10 U
1,2,4-Trichlorobenzene	UG/L	10 U
Naphthalene	UG/L	10 U
4-Chloroaniline	UG/L	10 U
Hexachlorobutadiene	UG/L	10 U
4-Chloro-3-methylphenol	UG/L	10 U
2-Methylnaphthalene	UG/L	10 U
Hexachlorocyclopentadiene	UG/L	10 U
2,4,6-Trichlorophenol	UG/L	10 U
2,4,5-Trichlorophenol	UG/L	25 U
2-Chloronaphthalene	UG/L	10 U
2-Nitroaniline	UG/L	25 U
Dimethyl phthalate	UG/L	10 U
Acenaphthylene	UG/L	10 U
2,6-Dinitrotoluene	UG/L	10 U
3-Nitroaniline	UG/L	25 U
Acenaphthene	UG/L	10 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-HP638-01
Laboratory Sample ID:		940296-01
Date Sampled:		4/11/94
	UNITS	
SEMIVOLATILES Cont.		
2,4-Dinitrophenol	UG/L	25 U
4-Nitrophenol	UG/L	25 U
Dibenzofuran	UG/L	10 U
2,4-Dinitrotoluene	UG/L	10 U
Diethylphthalate	UG/L	10 U
4-Chlorophenyl phenyl ether	UG/L	10 U
Fluorene	UG/L	10 U
4-Nitroaniline	UG/L	25 U
4,6-Dinitro-2-methylphenol	UG/L	25 U
N-nitrosodiphenylamine	UG/L	10 U
4-Bromophenyl-phenylether	UG/L	10 U
Hexachlorobenzene	UG/L	10 U
Pentachlorophenol	UG/L	25 U
Phenanthrene	UG/L	10 U
Anthracene	UG/L	10 U
Carbazole	UG/L	10 U
di-n-Butylphthalate	UG/L	10 U
Fluoranthene	UG/L	10 U
Pyrene	UG/L	10 U
Butyl benzyl phthalate	UG/L	10 U
3,3'-Dichlorobenzidine	UG/L	10 U
Benzo[a]anthracene	UG/L	10 U
Chrysene	UG/L	10 U
bis(2-Ethylhexyl)phthalate	UG/L	10 U
di-n-Octylphthalate	UG/L	10 U
Benzo[b]fluoranthene	UG/L	10 U
Benzo[k]fluoranthene	UG/L	10 U
Benzo[a]pyrene	UG/L	10 U
Indeno[1,2,3-cd]pyrene	UG/L	10 U
Dibenz[a,h]anthracene	UG/L	10 U
Benzo[g,h,i]perylene	UG/L	10 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-HP638-01
Laboratory Sample ID:		940296-01
Date Sampled:		4/11/94
	UNITS	
PESTICIDES/PCBs		
alpha-BHC	UG/L	NA
beta-BHC	UG/L	NA
delta-BHC	UG/L	NA
Lindane (gamma-BHC)	UG/L	NA
Heptachlor	UG/L	NA
Aldrin	UG/L	NA
Heptachlor epoxide	UG/L	NA
Endosulfan I	UG/L	NA
Dieldrin	UG/L	NA
4,4'-DDE	UG/L	NA
Endrin	UG/L	NA
Endosulfan II	UG/L	NA
4,4'-DDD	UG/L	NA
Endosulfan sulfate	UG/L	NA
4,4'-DDT	UG/L	NA
Methoxychlor	UG/L	NA
Endrin ketone	UG/L	NA
Endrin aldehyde	UG/L	NA
alpha-Chlordane	UG/L	NA
gamma-Chlordane	UG/L	NA
Toxaphene	UG/L	NA
Aroclor 1016	UG/L	NA
Aroclor 1221	UG/L	NA
Aroclor 1232	UG/L	NA
Aroclor 1242	UG/L	NA
Aroclor 1248	UG/L	NA
Aroclor 1254	UG/L	NA
Aroclor 1260	UG/L	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/L	2 U	10 U	1 J	1 J	1-GW16DW-01	1/19
Bromomethane	UG/L	2 U	10 U	ND	ND		0/19
Vinyl chloride	UG/L	2 U	10 U	2	2	1-GW10-01	1/19
Chloroethane	UG/L	2 U	10 U	ND	ND		0/19
Methylene chloride	UG/L	2 U	10 U	ND	ND		0/19
Acetone	UG/L	NA	NA	76	76	1-GW10-01	1/1
Carbon Disulfide	UG/L	10 U	10 U	ND	ND		0/1
1,1-Dichloroethene	UG/L	2 U	10 U	ND	ND		0/19
1,1-Dichloroethane	UG/L	2 U	10 U	ND	ND		0/19
1,2-Dichloroethene(total)	UG/L	2 U	10 U	1 J	10	1-GW17DW-01	2/19
Chloroform	UG/L	2 U	10 U	ND	ND		0/19
1,2-Dichloroethane	UG/L	2 U	10 U	ND	ND		0/19
2-Butanone	UG/L	10 U	10 U	ND	ND		0/1
1,1,1-Trichloroethane	UG/L	2 U	10 U	ND	ND		0/19
Carbon tetrachloride	UG/L	2 U	10 U	ND	ND		0/19
Bromodichloromethane	UG/L	2 U	10 U	ND	ND		0/19
1,2-Dichloropropane	UG/L	2 U	10 U	ND	ND		0/19
cis-1,3-Dichloropropene	UG/L	2 U	10 U	ND	ND		0/19
Trichloroethene	UG/L	2 U	10 U	1 J	27	1-GW17-01	3/19
Dibromochloromethane	UG/L	2 U	10 U	ND	ND		0/19
1,1,2-Trichloroethane	UG/L	2 U	10 U	ND	ND		0/19
Benzene	UG/L	2 U	10 U	ND	ND		0/19
trans-1,3-Dichloropropene	UG/L	2 U	10 U	ND	ND		0/19
2-Chloroethylvinylether	UG/L	2 U	10 U	2 R	2 R	1-GW16DW-01	1/18
Bromoform	UG/L	2 U	10 U	ND	ND		0/19
Tetrachloroethene	UG/L	2 U	10 U	ND	ND		0/19
1,1,2,2-Tetrachloroethane	UG/L	2 U	10 U	ND	ND		0/19
Toluene	UG/L	2 U	10 U	ND	ND		0/19
Chlorobenzene	UG/L	2 U	10 U	ND	ND		0/19
Ethylbenzene	UG/L	2 U	10 U	ND	ND		0/19
Xylene (total)	UG/L	2 U	10 U	3	3	1-GW12-01	1/19
1,3-Dichlorobenzene	UG/L	2 U	2 U	ND	ND		0/18
1,4-Dichlorobenzene	UG/L	2 U	2 U	ND	ND		0/18
1,2-Dichlorobenzene	UG/L	2 U	2 U	ND	ND		0/18
Trichlorofluoromethane	UG/L	2 U	2 U	ND	ND		0/18
4-Methyl-2-pentanone	UG/L	10 U	10 U	ND	ND		0/1
2-Hexanone	UG/L	10 U	10 U	ND	ND		0/1
Styrene	UG/L	10 U	10 U	ND	ND		0/1

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/L	10 U	10 U	6.1 J	10 R	1-GW14-01	2/19
bis(2-Chloroethyl) ether	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
2-Chlorophenol	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
1,3-Dichlorobenzene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
1,4-Dichlorobenzene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
1,2-Dichlorobenzene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
2-Methylphenol	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
4-Methylphenol	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
N-Nitroso-di-n-propylamine	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Hexachloroethane	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Nitrobenzene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Isophorone	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
2-Nitrophenol	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
2,4-Dimethylphenol	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
bis(2-Chloroethoxy) methane	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
2,4-Dichlorophenol	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
1,2,4-Trichlorobenzene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Naphthalene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
4-Chloroaniline	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Hexachlorobutadiene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
4-Chloro-3-methylphenol	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
2-Methylnaphthalene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Hexachlorocyclopentadiene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
2,4,6-Trichlorophenol	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
2,4,5-Trichlorophenol	UG/L	25 U	25 U	25 R	25 R	1-GW14-01	1/19
2-Chloronaphthalene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
2-Nitroaniline	UG/L	25 U	25 U	25 R	25 R	1-GW14-01	1/19
Dimethyl phthalate	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Acenaphthylene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
2,6-Dinitrotoluene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
3-Nitroaniline	UG/L	25 U	25 U	25 R	25 R	1-GW14-01	1/19
Acenaphthene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	25 U	25 U	25 R	25 R	1-GW14-01	1/19
4-Nitrophenol	UG/L	25 UJ	25 UJ	25 R	25 R	1-GW14-01	7/19
Dibenzofuran	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
2,4-Dinitrotoluene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Diethylphthalate	UG/L	10 UJ	10 UJ	1.3 J	10 R	1-GW14-01	2/19
4-Chlorophenyl phenyl ether	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Fluorene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
4-Nitroaniline	UG/L	25 U	25 U	25 R	25 R	1-GW14-01	1/19
4,6-Dinitro-2-methylphenol	UG/L	25 U	25 U	25 R	25 R	1-GW14-01	1/19
N-nitrosodiphenylamine	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
4-Bromophenyl-phenylether	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Hexachlorobenzene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Pentachlorophenol	UG/L	25 U	25 U	25 R	25 R	1-GW14-01	1/19
Phenanthrene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Anthracene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Carbazole	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
di-n-Butylphthalate	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Fluoranthene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Pyrene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Butyl benzyl phthalate	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
3,3'-Dichlorobenzidine	UG/L	10 UJ	10 UJ	10 R	10 R	1-GW14-01	7/19
Benzo[a]anthracene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Chrysene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
bis(2-Ethylhexyl)phthalate	UG/L	10 U	10 U	1 J	30 J	1-GW16DW-01	6/19
di-n-Octylphthalate	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Benzo[b]fluoranthene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Benzo[k]fluoranthene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Benzo[a]pyrene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Indeno[1,2,3-cd]pyrene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Dibenz[a,h]anthracene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19
Benzo[g,h,i]perylene	UG/L	10 U	10 U	10 R	10 R	1-GW14-01	1/19

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
PESTICIDES/PCBs							
alpha-BHC	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
beta-BHC	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
delta-BHC	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
Lindane (gamma-BHC)	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
Heptachlor	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
Aldrin	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
Heptachlor epoxide	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
Endosulfan I	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
Dieldrin	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
4,4'-DDE	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
Endrin	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
Endosulfan II	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
4,4'-DDD	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
Endosulfan sulfate	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
4,4'-DDT	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
Methoxychlor	UG/L	0.5 UJ	0.5 UJ	ND	ND		0/5
Endrin ketone	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
Endrin aldehyde	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
alpha-Chlordane	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
gamma-Chlordane	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
Toxaphene	UG/L	5 UJ	5 UJ	ND	ND		0/5
Aroclor 1016	UG/L	1 UJ	1 UJ	ND	ND		0/5
Aroclor 1221	UG/L	2 UJ	2 UJ	ND	ND		0/5
Aroclor 1232	UG/L	1 UJ	1 UJ	ND	ND		0/5
Aroclor 1242	UG/L	1 UJ	1 UJ	ND	ND		0/5
Aroclor 1248	UG/L	1 UJ	1 UJ	ND	ND		0/5
Aroclor 1254	UG/L	1 UJ	1 UJ	ND	ND		0/5
Aroclor 1260	UG/L	1 UJ	1 UJ	ND	ND		0/5

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-GW01-01	1-GW02-01	1-GW03-01	1-GW04-01	1-GW06-01	1-GW07-01
Laboratory Sample ID:		940334-20	940334-22	940341-03	940341-05	940334-25	940341-09
Date Sampled:		4/22/94	4/22/94	4/22/94	4/24/94	4/23/94	4/24/94
	UNITS						
Aluminum	UG/L	108000	192000 J	77400 J	62500 J	91100 J	28000 J
Antimony	UG/L	34.3	34.0 UJ	34.0 UJ	34.0 UJ	34.0 UJ	34.0 UJ
Arsenic	UG/L	130	168	10.2	13.4	8.6	9.1
Barium	UG/L	327	454	134	261	178	141
Beryllium	UG/L	19.3	20.7	1.0 U	5.0	1.0 U	1.0 U
Cadmium	UG/L	27.7	30.6	3.0 U	5.6	3.8	7.0
Calcium	UG/L	653000	274000	26200	16300	5130	6970
Chromium	UG/L	399 J	414 J	76.6 J	226 J	82.9 J	59.8 J
Cobalt	UG/L	87.8	51.3	7.2	49.4	4.0 UJ	4.0 U
Copper	UG/L	54.7	47.1	14.1	24.5	18.4	8.3
Iron	UG/L	248000	284000 J	26500	68700	19200 J	14700
Lead	UG/L	59.8	124 J	27.1	26.1	35.1 J	16.6
Magnesium	UG/L	18300	16400	5890	12500	4730	5810
Manganese	UG/L	983	1030	74.2	380	66.8	47.2
Mercury	UG/L	0.19 J	0.50	0.24	0.13 U	0.14 U	0.13 U
Nickel	UG/L	166	162	20.3	126	15.6	18.6
Potassium	UG/L	12000	10700 J	3170 J	6350 J	4880 J	3320 J
Selenium	UG/L	5.8 J	7.5 J	4.0 U	4.0 U	4.0 UJ	4.0 U
Silver	UG/L	5.0 UJ	15.1 J	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Sodium	UG/L	12800	7530	5770	9380	7920	5880
Thallium	UG/L	4.0 UJ	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Vanadium	UG/L	326	367	107 J	205 J	88.2	63.6 J
Zinc	UG/L	466	501	42.9	299	88.7	26.2

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-GW08-01	1-GW09-01	1-GW10-01	1-GW11-01	1-GW12-01	1-GW13-01
Laboratory Sample ID:		940341-11	940341-13	940341-15	940341-17	940341-19	940334-27
Date Sampled:		4/24/94	4/24/94	4/24/94	4/24/94	4/24/94	4/23/94
	UNITS						
Aluminum	UG/L	63800 J	301000 J	269000 J	158000 J	457000 J	132000 J
Antimony	UG/L	88.6 J	34.0 UJ	34.0 UJ	40.9 J	34.0 UJ	34.0 UJ
Arsenic	UG/L	11.2	197	330	78.7	71.6	105
Barium	UG/L	140	1080	2470	376	628	222
Beryllium	UG/L	1.0 U	33.1	99.1	24.5	6.8	1.7
Cadmium	UG/L	3.0 U	43.1	41.8	13.2	12.0	12.0
Calcium	UG/L	16800	116000	231000	385000	6800	3270
Chromium	UG/L	80.7 J	408 J	395 J	398 J	800 J	153 J
Cobalt	UG/L	8.2	85.3	306	87.9	24.7	6.5 J
Copper	UG/L	7.0	65.3	82.3	47.1	105	33.3
Iron	UG/L	16000	417000	281000	200000	227000	105000 J
Lead	UG/L	33.1	113	91.4	62.7	163	74.4 J
Magnesium	UG/L	8450	10200	13400	16100	19300	7670
Manganese	UG/L	73.5	1750	1920	2250	261	318
Mercury	UG/L	0.13 U	0.87	0.20	0.13 U	0.22	0.13 U
Nickel	UG/L	24.6	293	866	141	96.3	23.5
Potassium	UG/L	4510 J	7200 J	12400 J	7900 J	17500 J	7910 J
Selenium	UG/L	4.0 U	4.0 U	4.0 U	4.0 U	22.6	17.6 J
Silver	UG/L	5.0 UJ	19.9 J	5.0 UJ	5.0 UJ	7.7 J	5.0 UJ
Sodium	UG/L	5810	3520	6680	7050	13800	4510
Thallium	UG/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Vanadium	UG/L	58.3 J	530 J	328 J	414 J	811 J	257
Zinc	UG/L	53.2	996	2410	514	301	94.4

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-GW14-01	1-GW15-01	1-GW16DW-01	1-GW16-01	1-GW17DW-01	1-GW17-01
Laboratory Sample ID:		940341-21	940334-29	940389-10	940341-23	940460-01	940341-25
Date Sampled:		4/24/94	4/23/94	5/9/94	4/24/94	5/25/94	4/24/94
	UNITS						
Aluminum	UG/L	430000 J	133000 J	347	99700 J	409 J	22500 J
Antimony	UG/L	34.0 UJ	56.6 J	34.0 U	34.0 UJ	34.0 UJ	34.0 UJ
Arsenic	UG/L	39.1	292	3.0 U	13.0	3.0 U	22.0
Barium	UG/L	590	726	12.9	278	11.0	142
Beryllium	UG/L	4.7	50.1	1.0 U	1.0	1.0 U	23.8
Cadmium	UG/L	6.9	34.2	3.0 UJ	3.1	3.0 U	5.0
Calcium	UG/L	5740	720000	41600	25600	42100	190000
Chromium	UG/L	394 J	594 J	7.0 UJ	79.0 J	7.0 UJ	97.5 J
Cobalt	UG/L	22.2	71.2	4.0 U	10.4	4.0 U	24.5
Copper	UG/L	79.4	47.8	6.0 U	18.6	6.0 U	11.6
Iron	UG/L	110000	338000 J	479	25400	642 J	32000
Lead	UG/L	163	79.1 J	1.0 U	40.7	1.0 UJ	16.7
Magnesium	UG/L	18700	30900	671	11100	699	9240
Manganese	UG/L	250	1320	9.6	83.6	8.1 U	550
Mercury	UG/L	0.13 U	0.53	0.14 U	0.13 U	0.13 U	0.15
Nickel	UG/L	43.4 J	259	10.0	17.8 J	7.0 U	48.2 J
Potassium	UG/L	21600 J	17700 J	983	4290 J	1440 J	6350 J
Selenium	UG/L	4.5	4.0 UJ	4.0 UJ	4.0 U	4.0 UJ	4.0 U
Silver	UG/L	5.0 UJ	8.2 J	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Sodium	UG/L	6320	5080	13600	7670	9980	4830
Thallium	UG/L	4.7	4.0 U	4.0 UJ	4.0 U	4.0 U	4.0 U
Vanadium	UG/L	500 J	479	3.0 U	119 J	4.2	82.8 J
Zinc	UG/L	201	935	15.4 U	47.5	9.2	334

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:	1-HP638-01
Laboratory Sample ID:	940289-18
Date Sampled:	4/11/94

	UNITS	
Aluminum	UG/L	33.0 U
Antimony	UG/L	52.2
Arsenic	UG/L	3.0 U
Barium	UG/L	8.3
Beryllium	UG/L	1.0 U
Cadmium	UG/L	3.0 U
Calcium	UG/L	42600
Chromium	UG/L	7.0 U
Cobalt	UG/L	4.0 U
Copper	UG/L	6.0
Iron	UG/L	959
Lead	UG/L	1.0 U
Magnesium	UG/L	1090
Manganese	UG/L	17.2
Mercury	UG/L	0.13 U
Nickel	UG/L	7.0 U
Potassium	UG/L	1290
Selenium	UG/L	4.0 U
Silver	UG/L	5.0 U
Sodium	UG/L	6220
Thallium	UG/L	4.0 U
Vanadium	UG/L	3.0 U
Zinc	UG/L	15.5 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
	UNITS						
Aluminum	UG/L	33 U	33 U	347	457000 J	1-GW12-01	18/19
Antimony	UG/L	34 UJ	34 UJ	34.3	88.6 J	1-GW08-01	5/19
Arsenic	UG/L	3 U	3 U	8.6	330	1-GW10-01	16/19
Barium	UG/L	NA	NA	8.3	2470	1-GW10-01	19/19
Beryllium	UG/L	1 U	1 U	1	99.1	1-GW10-01	12/19
Cadmium	UG/L	3 U	3 U	3.1	43.1	1-GW09-01	14/19
Calcium	UG/L	NA	NA	3270	720000	1-GW15-01	19/19
Chromium	UG/L	7 UJ	7 UJ	59.8 J	800 J	1-GW12-01	16/19
Cobalt	UG/L	4 UJ	4 UJ	6.5 J	306	1-GW10-01	14/19
Copper	UG/L	6 U	6 U	6	105	1-GW12-01	17/19
Iron	UG/L	NA	NA	479	417000	1-GW09-01	19/19
Lead	UG/L	1 U	1 U	16.6	163	1-GW14-01	16/19
Magnesium	UG/L	NA	NA	671	30900	1-GW15-01	19/19
Manganese	UG/L	8.1 U	8.1 U	9.6	2250	1-GW11-01	18/19
Mercury	UG/L	0.13 U	0.14 U	0.15	0.87	1-GW09-01	8/19
Nickel	UG/L	7 U	7 U	10	866	1-GW10-01	17/19
Potassium	UG/L	NA	NA	983	21600 J	1-GW14-01	19/19
Selenium	UG/L	4 U	4 U	4.5	22.6	1-GW12-01	5/19
Silver	UG/L	5 UJ	5 UJ	7.7 J	19.9 J	1-GW09-01	4/19
Sodium	UG/L	NA	NA	3520	13800	1-GW12-01	19/19
Thallium	UG/L	4 UJ	4 UJ	4.7	4.7	1-GW14-01	1/19
Vanadium	UG/L	3 U	3 U	4.2	811 J	1-GW12-01	17/19
Zinc	UG/L	15.4 U	15.5 U	9.2	2410	1-GW10-01	17/19

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:		1-GW01D-01	1-GW02D-01	1-GW03D-01	1-GW04D-01	1-GW06D-01	1-GW07D-01
Laboratory Sample ID:		940334-21	940334-23	940341-04	940341-07	940334-26	940341-10
Date Sampled:		4/22/94	4/22/94	4/22/94	4/24/94	4/23/94	4/24/94
	UNITS						
Aluminum	UG/L	36.4	45.5 UJ	47.9 J	64.4 J	39.4 UJ	35.6 J
Antimony	UG/L	49.0	64.9 J	46.6 J	34.0 UJ	34.0 UJ	34.0 UJ
Arsenic	UG/L	4.7	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Barium	UG/L	21.5	26.2	21.0 U	36.6	8.2	35.3 U
Beryllium	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	UG/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Calcium	UG/L	70000	136000	24300	13700	2520	5920
Chromium	UG/L	7.0 UJ	7.0 UJ	7.0 UJ	7.0 UJ	7.0 UJ	7.0 UJ
Cobalt	UG/L	4.0 U	4.0 UJ	4.0 U	4.6	4.0 UJ	4.0 U
Copper	UG/L	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U
Iron	UG/L	5200	1270 J	56.3 U	171	30.5 UJ	23.3 U
Lead	UG/L	1.0 U	1.0 UJ	1.0 U	1.9 U	1.0 UJ	1.0 U
Magnesium	UG/L	2140	4020	4510	5920	1400	3340
Manganese	UG/L	400	452	8.1	12.4	6.5 U	20.8
Mercury	UG/L	0.13 U	0.14 U	0.13 U	0.13 U	0.13 U	0.13 U
Nickel	UG/L	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	8.7
Potassium	UG/L	1430	1290 J	933 J	832 J	1150 J	1210 J
Selenium	UG/L	4.0 UJ	4.0 UJ	4.0 U	4.0 U	4.0 UJ	4.0 U
Silver	UG/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Sodium	UG/L	12400	7740	6020	9630	8320	5640
Thallium	UG/L	4.0 UJ	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Vanadium	UG/L	3.0 U	3.0 U	3.0 UJ	3.0 UJ	3.0 U	3.0 UJ
Zinc	UG/L	6.6 U	11.2 U	7.1	12.4	10.0 U	6.7

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:		1-GW08D-01	1-GW09D-01	1-GW10D-01	1-GW11D-01	1-GW12D-01	1-GW13D-01
Laboratory Sample ID:		940341-12	940341-14	940341-16	940341-18	940341-20	940334-28
Date Sampled:		4/24/94	4/24/94	4/24/94	4/26/94	4/24/94	4/23/94
	UNITS						
Aluminum	UG/L	33.0 UJ	797 J	120 J	48.8 J	110 J	51.1 UJ
Antimony	UG/L	58.3 J	34.0 UJ	34.0 UJ	90.6 J	57.5 J	56.7 J
Arsenic	UG/L	3.0 U	3.0 U	4.4	3.0 U	3.0 U	3.0 U
Barium	UG/L	11.8 U	7.0 U	38.1	16.3	19.0 U	29.5
Beryllium	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	UG/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Calcium	UG/L	17000	24200	105000	112000	2540	1690
Chromium	UG/L	7.0 UJ	7.0 UJ	7.0 UJ	7.0 UJ	7.0 UJ	7.0 UJ
Cobalt	UG/L	4.0 U	4.0 U	35.0	11.8	4.0 U	4.0 UJ
Copper	UG/L	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U
Iron	UG/L	35.9 U	525	5270	564	18800	54.8 UJ
Lead	UG/L	1.4 U	1.0 U	1.0 U	1.0 U	1.2 U	1.0 UJ
Magnesium	UG/L	4770	1180	4140	4310	2010	1830
Manganese	UG/L	11.9	7.1	1070	1070	23.8	37.8
Mercury	UG/L	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.14 U
Nickel	UG/L	7.0 U	8.6	20.8	7.0 U	7.0 U	7.0 U
Potassium	UG/L	720 J	326 J	1250 J	843 J	933 J	1190 J
Selenium	UG/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 UJ
Silver	UG/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Sodium	UG/L	5470	3180	6160	7040	15000	4910
Thallium	UG/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Vanadium	UG/L	3.0 UJ	3.0 UJ	3.0 UJ	3.0 UJ	3.0 UJ	3.0 U
Zinc	UG/L	6.2	6.1	13.4	3.0 U	19.5	18.1 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:		1-GW14D-01	1-GW15D-01	1-GW16DWD-01	1-GW16D-01	1-GW17DWD-01	1-GW17D-01
Laboratory Sample ID:		940341-22	940334-31	940389-11	940341-24	940460-02	940341-26
Date Sampled:		4/24/94	4/23/94	5/9/94	4/24/94	5/25/94	4/24/94
	UNITS						
Aluminum	UG/L	55.9 J	33.0 UJ	33.0 U	72.8 J	33.0 UJ	33.0 UJ
Antimony	UG/L	42.9 UJ	51.4 J	34.0 U	50.8 UJ	34.0 UJ	67.0 UJ
Arsenic	UG/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Barium	UG/L	54.8	28.2	10.5	37.3	7.4	47.0
Beryllium	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	UG/L	3.0 U	3.0 U	3.0 UJ	3.0 U	3.0 U	3.0 U
Calcium	UG/L	2720	107000	28600	23900	15900	118000
Chromium	UG/L	7.0 UJ	7.0 UJ	7.0 UJ	7.0 UJ	7.0 UJ	7.0 UJ
Cobalt	UG/L	4.0 U	4.0 UJ	4.0 U	4.1	4.0 U	5.4
Copper	UG/L	6.0 U	6.0 U	6.0 U	6.8	6.0 U	6.0 U
Iron	UG/L	5.0 UJ	45.0 UJ	36.8 U	126 J	32.0 UJ	5.0 UJ
Lead	UG/L	3.2 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U
Magnesium	UG/L	2190	3000	512	8990	422	5680
Manganese	UG/L	6.4 J	1.6	4.2 U	36.2	1.3 U	364
Mercury	UG/L	0.13 U	0.13 U	0.14 U	0.13 U	0.13 U	0.13 U
Nickel	UG/L	7.0 UJ	7.0 U	10.8	7.0 UJ	7.0 U	7.0 UJ
Potassium	UG/L	1440 J	1910 J	972	1030 J	1320 J	3180 J
Selenium	UG/L	4.0 U	4.0 UJ	4.0 UJ	4.0 U	4.0 UJ	4.0 U
Silver	UG/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Sodium	UG/L	6950	3830	13900	8100	9980	4980
Thallium	UG/L	4.0 U	4.0 U	4.0 UJ	4.0 U	4.0 U	4.8
Vanadium	UG/L	3.0 UJ	3.0 U	3.0 U	3.0 UJ	3.0 U	3.0 UJ
Zinc	UG/L	12.9	3.9 U	4.3 U	12.6	3.9	8.3

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:	1-HP638D-01
Laboratory Sample ID:	940289-19
Date Sampled:	4/11/94

	UNITS	
Aluminum	UG/L	33.0 U
Antimony	UG/L	34.0 U
Arsenic	UG/L	3.0 U
Barium	UG/L	7.0 U
Beryllium	UG/L	1.0 U
Cadmium	UG/L	3.0 U
Calcium	UG/L	39200
Chromium	UG/L	9.4 U
Cobalt	UG/L	4.0 U
Copper	UG/L	6.0 U
Iron	UG/L	5.0 UJ
Lead	UG/L	1.0 U
Magnesium	UG/L	1060
Manganese	UG/L	15.3
Mercury	UG/L	0.13 U
Nickel	UG/L	7.0 U
Potassium	UG/L	1210
Selenium	UG/L	4.0 U
Silver	UG/L	5.0 U
Sodium	UG/L	5890
Thallium	UG/L	4.0 U
Vanadium	UG/L	3.0 U
Zinc	UG/L	5.7 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Aluminum	UG/L	33 UJ	51.1 UJ	35.6 J	797 J	1-GW09D-01	10/19
Antimony	UG/L	34 UJ	67 UJ	46.6 J	90.6 J	1-GW11D-01	8/19
Arsenic	UG/L	3 U	3 U	4.4	4.7	1-GW01D-01	2/19
Barium	UG/L	7 U	35.3 U	7.4	54.8	1-GW14D-01	13/19
Beryllium	UG/L	1 U	1 U	ND	ND		0/19
Cadmium	UG/L	3 U	3 U	ND	ND		0/19
Calcium	UG/L	NA	NA	1690	136000	1-GW02D-01	19/19
Chromium	UG/L	7 UJ	9.4 U	ND	ND		0/19
Cobalt	UG/L	4 U	4 U	4.1	35	1-GW10D-01	5/19
Copper	UG/L	6 U	6 U	6.8	6.8	1-GW16D-01	1/19
Iron	UG/L	5 UJ	56.3 U	126 J	18800	1-GW12D-01	8/19
Lead	UG/L	1 U	3.2 U	ND	ND		0/19
Magnesium	UG/L	NA	NA	422	8990	1-GW16D-01	19/19
Manganese	UG/L	1.3 U	6.5 U	1.6	1070	1-GW11D-01	16/19
Mercury	UG/L	0.13 U	0.14 U	ND	ND		0/19
Nickel	UG/L	7 U	7 U	8.6	20.8	1-GW10D-01	4/19
Potassium	UG/L	NA	NA	326 J	3180 J	1-GW17D-01	19/19
Selenium	UG/L	4 UJ	4 UJ	ND	ND		0/19
Silver	UG/L	5 UJ	5 UJ	ND	ND		0/19
Sodium	UG/L	NA	NA	3180	15000	1-GW12D-01	19/19
Thallium	UG/L	4 UJ	4 UJ	4.8	4.8	1-GW17D-01	1/19
Vanadium	UG/L	3 U	3 U	ND	ND		0/19
Zinc	UG/L	3 U	18.1 U	3.9	19.5	1-GW12D-01	11/19

SITE 28

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-00	28-W-SB02-00	28-W-SB03-00	28-W-SB04-00	28-W-SB05-00	28-W-SB06-00
Laboratory Sample ID:		940241-15	940241-24	940241-16	940250-16	940248-04	940248-05
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/27/94	3/27/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	12 U	11 U	11 U	12 U	10 U	11 U
Bromomethane	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Vinyl chloride	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Chloroethane	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Methylene chloride	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Acetone	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Carbon Disulfide	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
1,1-Dichloroethene	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
1,1-Dichloroethane	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
1,2-Dichloroethene(total)	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Chloroform	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
1,2-Dichloroethane	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
2-Butanone	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
1,1,1-Trichloroethane	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Carbon tetrachloride	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Bromodichloromethane	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
1,2-Dichloropropane	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
cis-1,3-Dichloropropene	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Trichloroethene	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Dibromochloromethane	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
1,1,2-Trichloroethane	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Benzene	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
trans-1,3-Dichloropropene	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Bromoform	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
4-Methyl-2-pentanone	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
2-Hexanone	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Tetrachloroethene	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Toluene	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Chlorobenzene	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Ethylbenzene	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Styrene	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U
Xylenes (total)	UG/KG	12 U	11 U	11 U	12 U	12 U	11 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-00	28-W-SB02-00	28-W-SB03-00	28-W-SB04-00	28-W-SB05-00	28-W-SB06-00
Laboratory Sample ID:		940241-15	940241-24	940241-16	940250-16	940248-04	940248-05
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
bis(2-Chloroethyl) ether	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
2-Chlorophenol	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
1,3-Dichlorobenzene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
1,4-Dichlorobenzene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
1,2-Dichlorobenzene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
2-Methylphenol	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
2,2'-oxybis-(1-chloropropane)	UG/KG	400 UJ	380 U	390 UJ	400 U	470 U	380 U
4-Methylphenol	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
N-Nitroso-di-n-propylamine	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Hexachloroethane	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Nitrobenzene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Isophorone	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
2-Nitrophenol	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
2,4-Dimethylphenol	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
bis(2-Chloroethoxy) methane	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
2,4-Dichlorophenol	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
1,2,4-Trichlorobenzene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Naphthalene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
4-Chloroaniline	UG/KG	400 U	380 U	390 U	400 U	470 UJ	380 UJ
Hexachlorobutadiene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
4-Chloro-3-methylphenol	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
2-Methylnaphthalene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Hexachlorocyclopentadiene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
2,4,6-Trichlorophenol	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
2,4,5-Trichlorophenol	UG/KG	970 U	920 U	940 U	960 U	1100 U	910 U
2-Chloronaphthalene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
2-Nitroaniline	UG/KG	970 U	920 U	940 U	960 U	1100 U	910 U
Dimethyl phthalate	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Acenaphthylene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
2,6-Dinitrotoluene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
3-Nitroaniline	UG/KG	970 U	920 U	940 U	960 U	1100 U	910 U
Acenaphthene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-00	28-W-SB02-00	28-W-SB03-00	28-W-SB04-00	28-W-SB05-00	28-W-SB06-00
Laboratory Sample ID:		940241-15	940241-24	940241-16	940250-16	940248-04	940248-05
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	970 U	920 U	940 U	960 UJ	1100 U	910 U
4-Nitrophenol	UG/KG	970 U	920 U	940 U	960 U	1100 U	910 U
Dibenzofuran	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
2,4-Dinitrotoluene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Diethylphthalate	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
4-Chlorophenyl phenyl ether	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Fluorene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
4-Nitroaniline	UG/KG	970 U	920 U	940 U	960 U	1100 U	910 U
4,6-Dinitro-2-methylphenol	UG/KG	970 U	920 U	940 U	960 UJ	1100 U	910 U
N-nitrosodiphenylamine	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
4-Bromophenyl-phenylether	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Hexachlorobenzene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Pentachlorophenol	UG/KG	970 U	920 U	940 U	960 U	1100 U	910 U
Phenanthrene	UG/KG	400 U	380 U	390 U	43 J	470 U	380 U
Anthracene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Carbazole	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
di-n-Butylphthalate	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Fluoranthene	UG/KG	400 U	380 U	390 U	79 J	50 J	380 U
Pyrene	UG/KG	400 U	380 U	390 U	79 J	470 U	380 U
Butyl benzyl phthalate	UG/KG	400 U	88 J	390 U	400 U	470 U	380 U
3,3'-Dichlorobenzidine	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Benzo[a]anthracene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Chrysene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
bis(2-Ethylhexyl)phthalate	UG/KG	2000	380 U	390 U	400 U	1400	2000
di-n-Octylphthalate	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Benzo[b]fluoranthene	UG/KG	400 U	380 U	390 U	41 J	470 U	380 U
Benzo[k]fluoranthene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Benzo[a]pyrene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Indeno[1,2,3-cd]pyrene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Dibenz[a,h]anthracene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U
Benzo[g,h,i]perylene	UG/KG	400 U	380 U	390 U	400 U	470 U	380 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-00	28-W-SB02-00	28-W-SB03-00	28-W-SB04-00	28-W-SB05-00	28-W-SB06-00
Laboratory Sample ID:		940241-15	940241-24	940241-16	940250-16	940248-04	940248-05
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/27/94	3/27/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	2.1 U	20 U	2.0 U	2 U	2.4 UJ	1.9 UJ
beta-BHC	UG/KG	2.1 U	20 U	2.0 U	2 U	2.4 UJ	1.9 U
delta-BHC	UG/KG	2.1 U	20 U	2.0 U	2 U	2.4 UJ	1.9 U
Lindane (gamma-BHC)	UG/KG	2.1 U	20 U	2.0 U	2 U	2.4 UJ	1.9 UJ
Heptachlor	UG/KG	2.1 U	20 U	2.0 U	2 U	2.4 UJ	1.9 U
Aldrin	UG/KG	2.1 U	20 U	2.0 U	2.0 U	2.4 UJ	1.9 U
Heptachlor epoxide	UG/KG	2.1 U	20 U	2.0 U	2.0 U	2.4 UJ	1.9 U
Endosulfan I	UG/KG	2.1 U	20 U	2.0 U	2.0 U	2.4 UJ	1.9 U
Dieldrin	UG/KG	4.0 U	38 U	3.9 U	4.0 U	4.7 UJ	3.8 U
4,4'-DDE	UG/KG	4.0 U	950	52	4.0 U	11 J	7.7 J
Endrin	UG/KG	4.0 U	38 U	3.9 U	4.0 U	4.7 UJ	3.8 U
Endosulfan II	UG/KG	4.0 U	38 U	3.9 U	4.0 U	4.7 UJ	3.8 U
4,4'-DDD	UG/KG	4.0 U	43 NJ	3.9 U	4.0 U	4.7 UJ	3.8 U
Endosulfan sulfate	UG/KG	4.0 U	38 U	3.9 U	4.0 U	4.7 UJ	3.8 U
4,4'-DDT	UG/KG	4.0 U	770	16	4.0 U	5.8 J	3.8 UJ
Methoxychlor	UG/KG	21 U	200 U	20 U	20 U	24 UJ	19 U
Endrin ketone	UG/KG	4.0 U	38 U	3.9 U	4.0 U	4.7 UJ	3.8 U
Endrin aldehyde	UG/KG	4.0 U	38 U	3.9 U	4.0 U	4.7 UJ	3.8 U
alpha-Chlordane	UG/KG	2.1 U	20 U	2.0 U	2.0 U	2.4 UJ	1.9 NJ
gamma-Chlordane	UG/KG	2.1 U	20 U	2.0 U	2.0 U	2.4 UJ	1.9 U
Toxaphene	UG/KG	210 U	2000 U	200 U	200 U	240 UJ	190 U
Aroclor 1016	UG/KG	40 U	380 U	39 U	40 U	47 UJ	38 U
Aroclor 1221	UG/KG	81 U	770 U	79 U	80 U	95 UJ	76 U
Aroclor 1232	UG/KG	40 U	380 U	39 U	40 U	47 UJ	38 U
Aroclor 1242	UG/KG	40 U	380 U	39 U	40 U	47 UJ	38 U
Aroclor 1248	UG/KG	40 U	380 U	39 U	40 U	47 UJ	38 U
Aroclor 1254	UG/KG	40 U	380 U	39 U	40 U	47 UJ	47 J
Aroclor 1260	UG/KG	40 U	380 U	39 U	40 U	47 UJ	38 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB07-00	28-W-SB08-00	28-W-SB09-00	28-W-SB10-00	28-W-SB11-00	28-W-SB12-00
Laboratory Sample ID:		940250-20	940248-09	940241-34	940250-23	940248-11	940248-14
Date Sampled:		3/26/94	3/27/94	3/25/94	3/26/94	3/27/94	3/27/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	12 U	12 U	2 J	12 U	12 U	11 U
Bromomethane	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Vinyl chloride	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Chloroethane	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Methylene chloride	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Acetone	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Carbon Disulfide	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
1,1-Dichloroethene	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
1,1-Dichloroethane	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
1,2-Dichloroethene(total)	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Chloroform	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
1,2-Dichloroethane	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
2-Butanone	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
1,1,1-Trichloroethane	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Carbon tetrachloride	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Bromodichloromethane	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
1,2-Dichloropropane	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
cis-1,3-Dichloropropene	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Trichloroethene	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Dibromochloromethane	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
1,1,2-Trichloroethane	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Benzene	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
trans-1,3-Dichloropropene	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Bromoform	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
4-Methyl-2-pentanone	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
2-Hexanone	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Tetrachloroethene	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Toluene	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Chlorobenzene	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Ethylbenzene	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Styrene	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U
Xylenes (total)	UG/KG	12 U	12 U	12 U	12 U	12 U	11 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB07-00	28-W-SB08-00	28-W-SB09-00	28-W-SB10-00	28-W-SB11-00	28-W-SB12-00
Laboratory Sample ID:		940250-20	940248-09	940241-34	940250-23	940248-11	940248-14
Date Sampled:		3/26/94	3/27/94	3/25/94	3/26/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
bis(2-Chloroethyl) ether	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
2-Chlorophenol	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
1,3-Dichlorobenzene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
1,4-Dichlorobenzene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
1,2-Dichlorobenzene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
2-Methylphenol	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
2,2'-oxybis-(1-chloropropane)	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
4-Methylphenol	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
N-Nitroso-di-n-propylamine	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
Hexachloroethane	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
Nitrobenzene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
Isophorone	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
2-Nitrophenol	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
2,4-Dimethylphenol	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
bis(2-Chloroethoxy) methane	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
2,4-Dichlorophenol	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
1,2,4-Trichlorobenzene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
Naphthalene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
4-Chloroaniline	UG/KG	390 U	390 UJ	360 U	390 U	380 UJ	370 U
Hexachlorobutadiene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
4-Chloro-3-methylphenol	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
2-Methylnaphthalene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
Hexachlorocyclopentadiene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
2,4,6-Trichlorophenol	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
2,4,5-Trichlorophenol	UG/KG	940 U	940 U	880 U	950 U	930 U	890 U
2-Chloronaphthalene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
2-Nitroaniline	UG/KG	940 U	940 U	880 U	950 U	930 U	890 U
Dimethyl phthalate	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
Acenaphthylene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
2,6-Dinitrotoluene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
3-Nitroaniline	UG/KG	940 U	940 U	880 U	950 U	930 U	890 U
Acenaphthene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-W-SB07-00	28-W-SB08-00	28-W-SB09-00	28-W-SB10-00	28-W-SB11-00	28-W-SB12-00
Laboratory Sample ID:	940250-20	940248-09	940241-34	940250-23	940248-11	940248-14
Date Sampled:	3/26/94	3/27/94	3/25/94	3/26/94	3/27/94	3/27/94
	UNITS					
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	940 U	940 U	880 U	950 U	930 U	890 U
4-Nitrophenol	UG/KG	940 U	940 U	880 U	950 U	930 U	890 U
Dibenzofuran	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
2,4-Dinitrotoluene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
Diethylphthalate	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
4-Chlorophenyl phenyl ether	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
Fluorene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
4-Nitroaniline	UG/KG	940 U	940 UJ	880 U	950 U	930 U	890 U
4,6-Dinitro-2-methylphenol	UG/KG	940 U	940 U	880 U	950 U	930 U	890 U
N-nitrosodiphenylamine	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
4-Bromophenyl-phenylether	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
Hexachlorobenzene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
Pentachlorophenol	UG/KG	940 U	940 U	880 U	950 U	930 U	890 U
Phenanthrene	UG/KG	390 U	390 U	360 U	390 U	58 J	370 U
Anthracene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
Carbazole	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
di-n-Butylphthalate	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
Fluoranthene	UG/KG	120 J	390 U	360 U	390 U	140 J	370 U
Pyrene	UG/KG	89 J	390 U	360 U	390 U	98 J	370 U
Butyl benzyl phthalate	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
3,3'-Dichlorobenzidine	UG/KG	390 UJ	390 U	360 U	390 U	380 U	370 U
Benzo[a]anthracene	UG/KG	390 U	390 U	360 U	390 U	56 J	370 U
Chrysene	UG/KG	43 J	390 U	360 U	390 U	62 J	370 U
bis(2-Ethylhexyl)phthalate	UG/KG	390 U	5900 R	360 U	350 U	78 J	120 J
di-n-Octylphthalate	UG/KG	390 U	110 J	360 U	390 U	380 U	370 U
Benzo[b]fluoranthene	UG/KG	47 J	390 U	360 U	390 U	78 J	370 U
Benzo[k]fluoranthene	UG/KG	390 U	390 U	360 U	390 U	41 J	370 U
Benzo[a]pyrene	UG/KG	390 U	390 U	360 U	390 U	69 J	370 U
Indeno[1,2,3-cd]pyrene	UG/KG	390 U	390 U	360 U	390 U	44 J	370 U
Dibenz[a,h]anthracene	UG/KG	390 U	390 U	360 U	390 U	380 U	370 U
Benzo[g,h,i]perylene	UG/KG	390 U	390 U	360 U	390 U	54 J	370 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB07-00	28-W-SB08-00	28-W-SB09-00	28-W-SB10-00	28-W-SB11-00	28-W-SB12-00
Laboratory Sample ID:		940250-20	940248-09	940241-34	940250-23	940248-11	940248-14
Date Sampled:		3/26/94	3/27/94	3/25/94	3/26/94	3/27/94	3/27/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	20 U	2.0 UJ	1.9 U	2.0 U	12 UJ	1.9 UJ
beta-BHC	UG/KG	20 U	2.0 U	1.9 U	2.0 U	12 UJ	1.9 UJ
delta-BHC	UG/KG	20 U	2.0 U	1.9 U	2.0 U	12 UJ	1.9 UJ
Lindane (gamma-BHC)	UG/KG	20 U	2.0 UJ	1.9 U	2.0 U	12 UJ	1.9 UJ
Heptachlor	UG/KG	20 U	2.0 U	1.9 U	2.0 U	12 UJ	1.9 UJ
Aldrin	UG/KG	20 U	2.0 U	1.9 U	2.0 U	12 UJ	1.9 UJ
Heptachlor epoxide	UG/KG	20 U	2.0 U	1.9 U	2.0 U	12 UJ	8.0 J
Endosulfan I	UG/KG	20 U	2.0 U	1.9 U	2.0 U	12 UJ	1.9 UJ
Dieldrin	UG/KG	39 U	3.9 U	3.6 U	3.9 U	23 UJ	3.7 R
4,4'-DDE	UG/KG	39 U	3.9 U	26	28	200 J	4.7 J
Endrin	UG/KG	39 U	3.9 U	3.6 U	3.9 U	23 UJ	3.7 R
Endosulfan II	UG/KG	39 U	3.9 U	3.6 U	3.9 U	23 UJ	3.7 UJ
4,4'-DDD	UG/KG	39 U	3.9 U	5.3 J	7.3	130 J	3.7 UJ
Endosulfan sulfate	UG/KG	39 U	3.9 U	3.6 U	3.9 U	23 UJ	3.7 UJ
4,4'-DDT	UG/KG	39 U	3.9 UJ	2.7 J	5.4 J	57 J	3.7 UJ
Methoxychlor	UG/KG	200 U	20 U	19 U	20 U	120 UJ	19 UJ
Endrin ketone	UG/KG	39 U	3.9 U	3.6 U	3.9 U	23 UJ	3.7 UJ
Endrin aldehyde	UG/KG	39 U	3.9 U	3.6 U	3.9 U	23 UJ	3.7 UJ
alpha-Chlordane	UG/KG	90 J	2.0 U	1.9 U	2.0 U	12 UJ	13 J
gamma-Chlordane	UG/KG	49 J	2.0 U	1.9 U	2.0 U	12 UJ	1.9 NJ
Toxaphene	UG/KG	2000 U	200 U	190 U	200 U	1200 UJ	190 UJ
Aroclor 1016	UG/KG	390 U	39 U	36 U	39 U	230 UJ	37 UJ
Aroclor 1221	UG/KG	790 U	79 U	73 U	80 U	470 UJ	75 UJ
Aroclor 1232	UG/KG	390 U	39 U	36 U	39 U	230 UJ	37 UJ
Aroclor 1242	UG/KG	390 U	39 U	36 U	39 U	230 UJ	37 UJ
Aroclor 1248	UG/KG	390 U	39 U	36 U	39 U	230 UJ	37 UJ
Aroclor 1254	UG/KG	390 U	39 U	36 U	39 U	230 UJ	58 J
Aroclor 1260	UG/KG	390 U	39 U	36 U	39 U	230 UJ	37 UJ

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB13-00	28-W-SB15-00	28-W-SB16-00	28-W-SB17-00	28-W-SB18-00	28-W-SB19-00
Laboratory Sample ID:		940248-17	940241-35	940248-21	940241-01	940248-23	940241-02
Date Sampled:		3/27/94	3/25/94	3/27/94	3/25/94	3/27/94	3/25/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Bromomethane	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Vinyl chloride	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Chloroethane	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Methylene chloride	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Acetone	UG/KG	11 U	13 U	12 U	11 U	11 U	11 U
Carbon Disulfide	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
1,1-Dichloroethene	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
1,1-Dichloroethane	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
1,2-Dichloroethene(total)	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Chloroform	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
1,2-Dichloroethane	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
2-Butanone	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
1,1,1-Trichloroethane	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Carbon tetrachloride	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Bromodichloromethane	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
1,2-Dichloropropane	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Trichloroethene	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Dibromochloromethane	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Benzene	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
trans-1,3-Dichloropropene	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Bromoform	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
2-Hexanone	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Tetrachloroethene	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Toluene	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Chlorobenzene	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Ethylbenzene	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Styrene	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U
Xylenes (total)	UG/KG	11 U	12 U	12 U	11 U	11 U	11 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB13-00	28-W-SB15-00	28-W-SB16-00	28-W-SB17-00	28-W-SB18-00	28-W-SB19-00
Laboratory Sample ID:		940248-17	940241-35	940248-21	940241-01	940248-23	940241-02
Date Sampled:		3/27/94	3/25/94	3/27/94	3/25/94	3/27/94	3/25/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
bis(2-Chloroethyl) ether	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
2-Chlorophenol	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
1,3-Dichlorobenzene	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
1,4-Dichlorobenzene	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
1,2-Dichlorobenzene	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
2-Methylphenol	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
2,2'-oxybis-(1-chloropropane)	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
4-Methylphenol	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
N-Nitroso-di-n-propylamine	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
Hexachloroethane	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
Nitrobenzene	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
Isophorone	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
2-Nitrophenol	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
2,4-Dimethylphenol	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
bis(2-Chloroethoxy) methane	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
2,4-Dichlorophenol	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
1,2,4-Trichlorobenzene	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
Naphthalene	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
4-Chloroaniline	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
Hexachlorobutadiene	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
4-Chloro-3-methylphenol	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
2-Methylnaphthalene	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
Hexachlorocyclopentadiene	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
2,4,6-Trichlorophenol	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
2,4,5-Trichlorophenol	UG/KG	920 U	990 U	910 U	1000 U	960 U	1000 U
2-Chloronaphthalene	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
2-Nitroaniline	UG/KG	920 U	990 U	910 U	1000 U	960 U	1000 U
Dimethyl phthalate	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
Acenaphthylene	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
2,6-Dinitrotoluene	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
3-Nitroaniline	UG/KG	920 U	990 U	910 U	1000 U	960 U	1000 U
Acenaphthene	UG/KG	380 U	410 U	370 U	49 J	400 U	410 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB13-00	28-W-SB15-00	28-W-SB16-00	28-W-SB17-00	28-W-SB18-00	28-W-SB19-00
Laboratory Sample ID:		940248-17	940241-35	940248-21	940241-01	940248-23	940241-02
Date Sampled:		3/27/94	3/25/94	3/27/94	3/25/94	3/27/94	3/25/94
SEMIVOLATILES Cont.	UNITS						
2,4-Dinitrophenol	UG/KG	920 U	990 U	910 U	1000 U	960 U	1000 U
4-Nitrophenol	UG/KG	920 U	990 U	910 U	1000 U	960 U	1000 U
Dibenzofuran	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
2,4-Dinitrotoluene	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
Diethylphthalate	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
4-Chlorophenyl phenyl ether	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
Fluorene	UG/KG	380 U	410 U	370 U	56 J	400 U	410 U
4-Nitroaniline	UG/KG	920 U	990 U	910 U	1000 U	960 U	1000 U
4,6-Dinitro-2-methylphenol	UG/KG	920 U	990 U	910 U	1000 U	960 U	1000 U
N-nitrosodiphenylamine	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
4-Bromophenyl-phenylether	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
Hexachlorobenzene	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
Pentachlorophenol	UG/KG	920 U	990 U	910 U	1000 U	960 U	1000 U
Phenanthrene	UG/KG	380 U	410 U	370 U	1100	41 J	410 U
Anthracene	UG/KG	380 U	410 U	370 U	240 J	400 U	410 U
Carbazole	UG/KG	380 U	410 U	370 U	76 J	400 U	410 U
di-n-Butylphthalate	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
Fluoranthene	UG/KG	380 U	410 U	370 U	1700	79 J	410 U
Pyrene	UG/KG	380 U	410 U	370 U	1200	59 J	410 U
Butyl benzyl phthalate	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
3,3'-Dichlorobenzidine	UG/KG	380 U	410 U	370 U	430 UJ	400 U	410 UJ
Benzo[a]anthracene	UG/KG	380 U	410 U	370 U	990	400 U	410 U
Chrysene	UG/KG	380 U	410 U	370 U	1000	56 J	410 U
bis(2-Ethylhexyl)phthalate	UG/KG	160 J	410 U	1600	430 U	220 J	410 U
di-n-Octylphthalate	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
Benzo[b]fluoranthene	UG/KG	380 U	410 U	370 U	650	96 J	410 U
Benzo[k]fluoranthene	UG/KG	380 U	410 U	370 U	740	70 J	410 U
Benzo[a]pyrene	UG/KG	380 U	410 U	370 U	610	61 J	410 U
Indeno[1,2,3-cd]pyrene	UG/KG	380 U	410 U	370 U	270 J	400 U	410 U
Dibenz[a,h]anthracene	UG/KG	380 U	410 U	370 U	430 U	400 U	410 U
Benzo[g,h,i]perylene	UG/KG	380 U	410 U	370 U	220 J	400 U	410 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB13-00	28-W-SB15-00	28-W-SB16-00	28-W-SB17-00	28-W-SB18-00	28-W-SB19-00
Laboratory Sample ID:		940248-17	940241-35	940248-21	940241-01	940248-23	940241-02
Date Sampled:		3/27/94	3/25/94	3/27/94	3/25/94	3/27/94	3/25/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 UJ	2.1 U
beta-BHC	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 U	2.1 U
delta-BHC	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 U	2.1 U
Lindane (gamma-BHC)	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 UJ	2.1 U
Heptachlor	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 U	2.1 U
Aldrin	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 U	2.1 U
Heptachlor epoxide	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 U	2.1 U
Endosulfan I	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 U	2.1 U
Dieldrin	UG/KG	38 UJ	4.1 U	3.7 UJ	4.3 UJ	20 U	4.1 U
4,4'-DDE	UG/KG	38 UJ	12	3.7 UJ	4.4 NJ	130	4.1 U
Endrin	UG/KG	38 UJ	4.1 U	3.7 UJ	4.3 UJ	20 U	4.1 U
Endosulfan II	UG/KG	38 UJ	4.1 U	3.7 UJ	4.3 UJ	20 U	4.1 U
4,4'-DDD	UG/KG	230 J	4.1 U	3.7 UJ	4.3 UJ	20 U	4.1 U
Endosulfan sulfate	UG/KG	38 UJ	4.1 U	3.7 UJ	4.3 UJ	20 U	4.1 U
4,4'-DDT	UG/KG	38 UJ	4.1 U	3.7 UJ	4.3 UJ	20 UJ	4.1 U
Methoxychlor	UG/KG	190 UJ	21 U	19 UJ	22 UJ	100 U	21 U
Endrin ketone	UG/KG	38 UJ	4.1 U	3.7 UJ	4.3 UJ	20 U	4.1 U
Endrin aldehyde	UG/KG	38 UJ	4.1 U	3.7 UJ	4.3 UJ	20 U	4.1 U
alpha-Chlordane	UG/KG	29 J	2.1 U	1.9 UJ	2.2 UJ	18 NJ	2.1 U
gamma-Chlordane	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 U	2.1 U
Toxaphene	UG/KG	1900 UJ	210 U	190 UJ	220 UJ	1000 U	210 U
Aroclor 1016	UG/KG	380 UJ	41 U	37 UJ	43 UJ	200 U	41 U
Aroclor 1221	UG/KG	770 UJ	83 U	76 UJ	87 UJ	400 U	84 U
Aroclor 1232	UG/KG	380 UJ	41 U	37 UJ	43 UJ	200 U	41 U
Aroclor 1242	UG/KG	380 UJ	41 U	37 UJ	43 UJ	200 U	41 U
Aroclor 1248	UG/KG	380 UJ	41 U	37 UJ	43 UJ	200 U	41 U
Aroclor 1254	UG/KG	380 UJ	41 U	37 UJ	43 UJ	200 U	41 U
Aroclor 1260	UG/KG	380 UJ	44	37 UJ	43 UJ	200 U	41 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB20-00	28-E-SB21-00	28-E-SB23-00	28-E-SB24-00	28-E-SB25-00	28-E-SB26-00
Laboratory Sample ID:		940241-03	940241-25	940241-10	940241-12	940241-04	940250-11
Date Sampled:		3/25/94	3/25/94	3/26/94	3/26/94	3/25/94	3/26/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Bromomethane	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Vinyl chloride	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Chloroethane	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Methylene chloride	UG/KG	11 U	12 U	12 U	2 J	12 U	12 U
Acetone	UG/KG	11 U	12 U	12 U	20 U	12 U	12 U
Carbon Disulfide	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
1,1-Dichloroethene	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
1,1-Dichloroethane	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
1,2-Dichloroethene(total)	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Chloroform	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
1,2-Dichloroethane	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
2-Butanone	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
1,1,1-Trichloroethane	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Carbon tetrachloride	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Bromodichloromethane	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
1,2-Dichloropropane	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
cis-1,3-Dichloropropene	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Trichloroethene	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Dibromochloromethane	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
1,1,2-Trichloroethane	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Benzene	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
trans-1,3-Dichloropropene	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Bromoform	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
4-Methyl-2-pentanone	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
2-Hexanone	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Tetrachloroethene	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Toluene	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Chlorobenzene	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Ethylbenzene	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Styrene	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U
Xylenes (total)	UG/KG	11 U	12 U	12 U	15 U	12 U	12 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB20-00	28-E-SB21-00	28-E-SB23-00	28-E-SB24-00	28-E-SB25-00	28-E-SB26-00
Laboratory Sample ID:		940241-03	940241-25	940241-10	940241-12	940241-04	940250-11
Date Sampled:		3/25/94	3/25/94	3/26/94	3/26/94	3/25/94	3/26/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
bis(2-Chloroethyl) ether	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
2-Chlorophenol	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
1,3-Dichlorobenzene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
1,4-Dichlorobenzene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
1,2-Dichlorobenzene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
2-Methylphenol	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
2,2'-oxybis-(1-chloropropane)	UG/KG	450 U	420 U	410 UJ	440 UJ	400 U	410 U
4-Methylphenol	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
N-Nitroso-di-n-propylamine	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
Hexachloroethane	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
Nitrobenzene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
Isophorone	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
2-Nitrophenol	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
2,4-Dimethylphenol	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
bis(2-Chloroethoxy) methane	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
2,4-Dichlorophenol	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
1,2,4-Trichlorobenzene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
Naphthalene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
4-Chloroaniline	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
Hexachlorobutadiene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
4-Chloro-3-methylphenol	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
2-Methylnaphthalene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
Hexachlorocyclopentadiene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
2,4,6-Trichlorophenol	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
2,4,5-Trichlorophenol	UG/KG	1100 U	1000 U	980 U	1100 U	970 U	980 U
2-Chloronaphthalene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
2-Nitroaniline	UG/KG	1100 U	1000 U	980 U	1100 U	970 U	980 U
Dimethyl phthalate	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
Acenaphthylene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
2,6-Dinitrotoluene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
3-Nitroaniline	UG/KG	1100 U	1000 U	980 U	1100 U	970 U	980 U
Acenaphthene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB20-00	28-E-SB21-00	28-E-SB23-00	28-E-SB24-00	28-E-SB25-00	28-E-SB26-00
Laboratory Sample ID:		940241-03	940241-25	940241-10	940241-12	940241-04	940250-11
Date Sampled:		3/25/94	3/25/94	3/26/94	3/26/94	3/25/94	3/26/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	1100 U	1000 U	980 U	1100 U	970 U	980 UJ
4-Nitrophenol	UG/KG	1100 U	1000 U	980 U	1100 U	970 U	980 U
Dibenzofuran	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
2,4-Dinitrotoluene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
Diethylphthalate	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
4-Chlorophenyl phenyl ether	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
Fluorene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
4-Nitroaniline	UG/KG	1100 U	1000 U	980 U	1100 U	970 U	980 U
4,6-Dinitro-2-methylphenol	UG/KG	1100 U	1000 U	980 U	1100 U	970 U	980 UJ
N-nitrosodiphenylamine	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
4-Bromophenyl-phenylether	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
Hexachlorobenzene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
Pentachlorophenol	UG/KG	1100 U	1000 U	980 U	1100 U	970 U	46 J
Phenanthrene	UG/KG	540	420 U	410 U	440 U	400 U	410 U
Anthracene	UG/KG	120 J	420 U	410 U	440 U	400 U	410 U
Carbazole	UG/KG	69 J	420 U	410 U	440 U	400 U	410 U
di-n-Butylphthalate	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
Fluoranthene	UG/KG	920	420 U	410 U	440 U	400 U	410 U
Pyrene	UG/KG	610	420 U	410 U	440 U	400 U	410 U
Butyl benzyl phthalate	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
3,3'-Dichlorobenzidine	UG/KG	450 UJ	420 U	410 U	440 U	400 UJ	410 U
Benzo[a]anthracene	UG/KG	390 J	420 U	410 U	440 U	400 U	410 U
Chrysene	UG/KG	430 J	420 U	410 U	440 U	400 U	410 U
bis(2-Ethylhexyl)phthalate	UG/KG	1300	420 U	410 U	440 U	400 U	410 U
di-n-Octylphthalate	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
Benzo[b]fluoranthene	UG/KG	270 J	420 U	410 U	440 U	400 U	410 U
Benzo[k]fluoranthene	UG/KG	320 J	420 U	410 U	440 U	400 U	410 U
Benzo[a]pyrene	UG/KG	260 J	420 U	410 U	440 U	400 U	410 U
Indeno[1,2,3-cd]pyrene	UG/KG	170 J	420 U	410 U	440 U	400 U	410 U
Dibenz[a,h]anthracene	UG/KG	450 U	420 U	410 U	440 U	400 U	410 U
Benzo[g,h,i]perylene	UG/KG	160 J	420 U	410 U	440 U	400 U	410 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB20-00	28-E-SB21-00	28-E-SB23-00	28-E-SB24-00	28-E-SB25-00	28-E-SB26-00
Laboratory Sample ID:		940241-03	940241-25	940241-10	940241-12	940241-04	940250-11
Date Sampled:		3/25/94	3/25/94	3/26/94	3/26/94	3/25/94	3/26/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	2.3 U	2.2 U	2.1 U	2.3 U	10 U	2.1 U
beta-BHC	UG/KG	2.3 U	2.2 U	2.1 U	2.3 U	10 U	2.1 U
delta-BHC	UG/KG	2.3 U	2.2 U	2.1 U	2.3 U	10 U	2.1 U
Lindane (gamma-BHC)	UG/KG	2.3 U	2.2 U	2.1 U	2.3 U	10 U	2.1 U
Heptachlor	UG/KG	2.3 U	2.2 U	2.1 U	2.3 U	10 U	2.1 U
Aldrin	UG/KG	2.3 U	2.2 U	2.1 U	2.3 U	10 U	2.1 U
Heptachlor epoxide	UG/KG	2.3 U	2.2 U	2.1 U	2.3 U	10 U	2.1 U
Endosulfan I	UG/KG	2.3 U	2.2 U	2.1 U	2.3 U	10 U	2.1 U
Dieldrin	UG/KG	4.5 U	4.2 U	4.1 U	4.4 U	20 U	4.1 U
4,4'-DDE	UG/KG	4.5 U	5.1	4.1 U	22 J	19 J	19
Endrin	UG/KG	4.5 U	4.2 U	4.1 U	4.4 U	20 U	4.1 U
Endosulfan II	UG/KG	4.5 U	4.2 U	4.1 U	4.4 U	20 U	4.1 U
4,4'-DDD	UG/KG	4.5 U	6.4 J	4.1 U	19	21 NJ	16 J
Endosulfan sulfate	UG/KG	4.5 U	4.2 U	4.1 U	4.4 U	20 U	4.1 U
4,4'-DDT	UG/KG	4.5 U	6.3	4.1 U	50	40	7.2 J
Methoxychlor	UG/KG	23 U	22 U	21 U	23 U	100 U	21 U
Endrin ketone	UG/KG	4.5 U	4.2 U	4.1 U	4.4 U	20 U	4.1 U
Endrin aldehyde	UG/KG	4.5 U	4.2 U	4.1 U	4.4 U	20 U	4.1 U
alpha-Chlordane	UG/KG	2.3 U	12 J	2.1 U	15 NJ	62 J	2.1 U
gamma-Chlordane	UG/KG	2.3 U	5.4 J	2.1 U	5.0 NJ	29 J	2.1 U
Toxaphene	UG/KG	230 U	220 U	210 U	230 U	1000 U	210 U
Aroclor 1016	UG/KG	45 U	42 U	41 U	44 U	200 U	41 U
Aroclor 1221	UG/KG	91 U	85 U	82 U	89 U	410 U	82 U
Aroclor 1232	UG/KG	45 U	42 U	41 U	44 U	200 U	41 U
Aroclor 1242	UG/KG	45 U	42 U	41 U	44 U	200 U	41 U
Aroclor 1248	UG/KG	45 U	42 U	41 U	44 U	200 U	41 U
Aroclor 1254	UG/KG	45 U	42 U	41 U	44 U	200 U	41 U
Aroclor 1260	UG/KG	45 U	42 U	41 U	44 U	200 U	41 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-E-SB27-00	28-E-SB28-00	28-E-SB29-00	28-E-SB31-00	28-E-SB32-00	28-E-SB33-00
Laboratory Sample ID:	940246-21	940241-05	940246-23	940241-26	940250-13	940241-13
Date Sampled:	3/28/94	3/25/94	3/26/94	3/25/94	3/26/94	3/26/94
	UNITS					
VOLATILES						
Chloromethane	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Bromomethane	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Vinyl chloride	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Chloroethane	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Methylene chloride	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Acetone	UG/KG	13 U	15 U	11 U	7 J	16 U	12 U
Carbon Disulfide	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
1,1-Dichloroethene	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
1,1-Dichloroethane	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
1,2-Dichloroethene(total)	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Chloroform	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
1,2-Dichloroethane	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
2-Butanone	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
1,1,1-Trichloroethane	UG/KG	2 J	15 U	11 U	12 U	16 U	12 U
Carbon tetrachloride	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Bromodichloromethane	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
1,2-Dichloropropane	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
cis-1,3-Dichloropropene	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Trichloroethene	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Dibromochloromethane	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
1,1,2-Trichloroethane	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Benzene	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
trans-1,3-Dichloropropene	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Bromoform	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
4-Methyl-2-pentanone	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
2-Hexanone	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Tetrachloroethene	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Toluene	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Chlorobenzene	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Ethylbenzene	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Styrene	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U
Xylenes (total)	UG/KG	12 U	15 U	11 U	12 U	16 U	12 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB27-00	28-E-SB28-00	28-E-SB29-00	28-E-SB31-00	28-E-SB32-00	28-E-SB33-00
Laboratory Sample ID:		940246-21	940241-05	940246-23	940241-26	940250-13	940241-13
Date Sampled:		3/28/94	3/25/94	3/26/94	3/25/94	3/26/94	3/26/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
bis(2-Chloroethyl) ether	UG/KG	390 U	69 J	360 U	440 U	510 U	440 U
2-Chlorophenol	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
1,3-Dichlorobenzene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
1,4-Dichlorobenzene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
1,2-Dichlorobenzene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
2-Methylphenol	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
2,2'-oxybis-(1-chloropropane)	UG/KG	390 U	480 U	360 U	440 U	510 U	440 UJ
4-Methylphenol	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
N-Nitroso-di-n-propylamine	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Hexachloroethane	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Nitrobenzene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Isophorone	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
2-Nitrophenol	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
2,4-Dimethylphenol	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
bis(2-Chloroethoxy) methane	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
2,4-Dichlorophenol	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
1,2,4-Trichlorobenzene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Naphthalene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
4-Chloroaniline	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Hexachlorobutadiene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
4-Chloro-3-methylphenol	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
2-Methylnaphthalene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Hexachlorocyclopentadiene	UG/KG	390 U	480 U	360 UJ	440 U	510 U	440 U
2,4,6-Trichlorophenol	UG/KG	390 U	480 U	360 UJ	440 U	510 U	440 U
2,4,5-Trichlorophenol	UG/KG	940 U	1200 U	880 UJ	1100 U	1200 U	1100 U
2-Chloronaphthalene	UG/KG	390 U	480 U	360 UJ	440 U	510 U	440 U
2-Nitroaniline	UG/KG	940 U	1200 U	880 UJ	1100 U	1200 U	1100 U
Dimethyl phthalate	UG/KG	390 U	480 U	360 UJ	440 U	510 U	440 U
Acenaphthylene	UG/KG	390 U	480 U	360 UJ	440 U	510 U	440 U
2,6-Dinitrotoluene	UG/KG	390 U	480 U	360 UJ	440 U	510 U	440 U
3-Nitroaniline	UG/KG	940 U	1200 U	880 UJ	1100 U	1200 U	1100 U
Acenaphthene	UG/KG	390 U	480 U	360 UJ	440 U	510 U	440 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB27-00	28-E-SB28-00	28-E-SB29-00	28-E-SB31-00	28-E-SB32-00	28-E-SB33-00
Laboratory Sample ID:		940246-21	940241-05	940246-23	940241-26	940250-13	940241-13
Date Sampled:		3/28/94	3/25/94	3/26/94	3/25/94	3/26/94	3/26/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	940 U	1200 U	880 UJ	1100 U	1200 UJ	1100 U
4-Nitrophenol	UG/KG	940 U	1200 U	880 UJ	1100 U	1200 U	1100 U
Dibenzofuran	UG/KG	390 U	480 U	360 UJ	440 U	510 U	440 U
2,4-Dinitrotoluene	UG/KG	390 U	480 U	360 UJ	440 U	510 U	440 U
Diethylphthalate	UG/KG	390 U	480 U	360 UJ	440 U	510 U	440 U
4-Chlorophenyl phenyl ether	UG/KG	390 U	480 U	360 UJ	440 U	510 U	440 U
Fluorene	UG/KG	390 U	480 U	360 UJ	440 U	510 U	440 U
4-Nitroaniline	UG/KG	940 U	1200 U	880 UJ	1100 U	1200 U	1100 U
4,6-Dinitro-2-methylphenol	UG/KG	940 U	1200 U	880 U	1100 U	1200 UJ	1100 U
N-nitrosodiphenylamine	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
4-Bromophenyl-phenylether	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Hexachlorobenzene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Pentachlorophenol	UG/KG	940 U	1200 U	880 U	1100 U	1200 U	1100 U
Phenanthrene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Anthracene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Carbazole	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
di-n-Butylphthalate	UG/KG	390 U	58 J	360 U	440 U	510 U	440 U
Fluoranthene	UG/KG	43 J	480 U	360 U	440 U	510 U	440 U
Pyrene	UG/KG	51 J	480 U	360 U	440 U	510 U	440 U
Butyl benzyl phthalate	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
3,3'-Dichlorobenzidine	UG/KG	390 U	480 UJ	360 U	440 U	510 U	440 U
Benzo[a]anthracene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Chrysene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
bis(2-Ethylhexyl)phthalate	UG/KG	40 J	1000	360 U	1100	580	440 U
di-n-Octylphthalate	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Benzo[b]fluoranthene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Benzo[k]fluoranthene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Benzo[a]pyrene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Indeno[1,2,3-cd]pyrene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Dibenz[a,h]anthracene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U
Benzo[g,h,i]perylene	UG/KG	390 U	480 U	360 U	440 U	510 U	440 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB27-00	28-E-SB28-00	28-E-SB29-00	28-E-SB31-00	28-E-SB32-00	28-E-SB33-00
Laboratory Sample ID:		940246-21	940241-05	940246-23	940241-26	940250-13	940241-13
Date Sampled:		3/28/94	3/25/94	3/26/94	3/25/94	3/26/94	3/26/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	2.0 UJ	2.5 UJ	1.9 UJ	23 U	2.6 UJ	23 U
beta-BHC	UG/KG	2.0 UJ	2.5 UJ	1.9 UJ	23 U	2.6 UJ	23 U
delta-BHC	UG/KG	2.0 UJ	2.5 UJ	1.9 UJ	23 U	2.6 UJ	23 U
Lindane (gamma-BHC)	UG/KG	2.0 UJ	2.5 UJ	1.9 UJ	23 U	2.6 UJ	23 U
Heptachlor	UG/KG	2.0 UJ	2.5 UJ	1.9 UJ	23 U	2.6 UJ	23 U
Aldrin	UG/KG	2.0 UJ	2.5 UJ	1.9 UJ	23 U	2.6 UJ	23 U
Heptachlor epoxide	UG/KG	2.0 UJ	2.5 UJ	1.9 UJ	43 NJ	2.6 UJ	23 U
Endosulfan I	UG/KG	2.0 UJ	2.5 UJ	1.9 UJ	23 U	2.6 UJ	23 U
Dieldrin	UG/KG	3.9 UJ	7.1 J	3.6 UJ	44 U	5.1 UJ	44 U
4,4'-DDE	UG/KG	3.9 UJ	4.8 UJ	20 J	44 U	9.6 J	1300
Endrin	UG/KG	3.9 UJ	35 J	3.6 UJ	44 U	5.1 UJ	44 U
Endosulfan II	UG/KG	3.9 UJ	4.8 UJ	3.6 UJ	44 U	5.1 UJ	44 U
4,4'-DDD	UG/KG	3.9 UJ	53 NJ	3.6 UJ	44 U	0.91 NJ	120 NJ
Endosulfan sulfate	UG/KG	3.9 UJ	4.8 UJ	3.6 UJ	44 U	5.1 UJ	44 U
4,4'-DDT	UG/KG	3.9 UJ	15 NJ	20 J	44 U	5.1 UJ	1400
Methoxychlor	UG/KG	20 UJ	25 UJ	19 UJ	230 U	26 UJ	230 U
Endrin ketone	UG/KG	3.9 UJ	4.8 UJ	3.6 UJ	44 U	5.1 UJ	44 U
Endrin aldehyde	UG/KG	3.9 UJ	7.1 J	3.6 UJ	44 U	5.1 UJ	44 U
alpha-Chlordane	UG/KG	2.3 NJ	16 NJ	1.9 UJ	160 NJ	2.6 UJ	36 NJ
gamma-Chlordane	UG/KG	2.2 J	2.5 UJ	1.9 UJ	50 NJ	2.6 UJ	23 U
Toxaphene	UG/KG	200 UJ	250 UJ	190 UJ	2300 U	260 UJ	2300 U
Aroclor 1016	UG/KG	39 UJ	48 UJ	36 UJ	440 U	51 UJ	440 U
Aroclor 1221	UG/KG	79 UJ	98 UJ	74 UJ	890 U	100 UJ	890 U
Aroclor 1232	UG/KG	39 UJ	48 UJ	36 UJ	440 U	51 UJ	440 U
Aroclor 1242	UG/KG	39 UJ	48 UJ	36 UJ	440 U	51 UJ	440 U
Aroclor 1248	UG/KG	39 UJ	48 UJ	36 UJ	440 U	51 UJ	440 U
Aroclor 1254	UG/KG	39 UJ	48 UJ	36 UJ	440 U	51 UJ	440 U
Aroclor 1260	UG/KG	39 UJ	48 UJ	36 UJ	440 U	51 UJ	440 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB34-00	28-E-SB35-00	28-E-SB36-00	28-GW01-00	28-GW01DW-00	28-GW05-00
Laboratory Sample ID:		940246-29	940246-32	940241-14	940320-13	940320-20	940281-04
Date Sampled:		3/28/94	3/27/94	3/26/94	4/20/94	4/21/94	4/7/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
Bromomethane	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
Vinyl chloride	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
Chloroethane	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
Methylene chloride	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
Acetone	UG/KG	12 U	12 U	10 U	11 U	10 J	11 U
Carbon Disulfide	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
1,1-Dichloroethene	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
1,1-Dichloroethane	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
1,2-Dichloroethene(total)	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
Chloroform	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
1,2-Dichloroethane	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
2-Butanone	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
1,1,1-Trichloroethane	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
Carbon tetrachloride	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
Bromodichloromethane	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
1,2-Dichloropropane	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
Trichloroethene	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
Dibromochloromethane	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
Benzene	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
trans-1,3-Dichloropropene	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
Bromoform	UG/KG	12 U	12 U	10 U	11 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	12 U	12 U	10 U	11 UJ	11 U	11 U
2-Hexanone	UG/KG	12 U	12 U	10 U	11 UJ	11 U	11 U
Tetrachloroethene	UG/KG	12 U	12 U	10 U	11 UJ	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	12 U	12 U	10 U	11 UJ	11 U	11 U
Toluene	UG/KG	12 U	12 U	10 U	11 UJ	11 U	11 U
Chlorobenzene	UG/KG	12 U	12 U	10 U	11 UJ	11 U	11 U
Ethylbenzene	UG/KG	12 U	12 U	10 U	11 UJ	11 U	11 U
Styrene	UG/KG	12 U	12 U	10 U	11 UJ	11 U	11 U
Xylenes (total)	UG/KG	12 U	12 U	10 U	11 UJ	11 U	11 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB34-00	28-E-SB35-00	28-E-SB36-00	28-GW01-00	28-GW01DW-00	28-GW05-00
Laboratory Sample ID:		940246-29	940246-32	940241-14	940320-13	940320-20	940281-04
Date Sampled:		3/28/94	3/27/94	3/26/94	4/20/94	4/21/94	4/7/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
bis(2-Chloroethyl) ether	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
2-Chlorophenol	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
1,3-Dichlorobenzene	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
1,4-Dichlorobenzene	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
1,2-Dichlorobenzene	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
2-Methylphenol	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
2,2'-oxybis-(1-chloropropane)	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
4-Methylphenol	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
N-Nitroso-di-n-propylamine	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
Hexachloroethane	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
Nitrobenzene	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
Isophorone	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
2-Nitrophenol	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
2,4-Dimethylphenol	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
bis(2-Chloroethoxy) methane	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
2,4-Dichlorophenol	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
1,2,4-Trichlorobenzene	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
Naphthalene	UG/KG	380 U	380 U	400 U	69 J	350 U	360 U
4-Chloroaniline	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
Hexachlorobutadiene	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
4-Chloro-3-methylphenol	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
2-Methylnaphthalene	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
Hexachlorocyclopentadiene	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
2,4,6-Trichlorophenol	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
2,4,5-Trichlorophenol	UG/KG	930 U	920 U	960 U	910 U	850 U	880 U
2-Chloronaphthalene	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
2-Nitroaniline	UG/KG	930 U	920 U	960 U	910 U	850 U	880 U
Dimethyl phthalate	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
Acenaphthylene	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
2,6-Dinitrotoluene	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
3-Nitroaniline	UG/KG	930 U	920 U	960 U	910 U	850 U	880 U
Acenaphthene	UG/KG	380 U	380 U	400 U	83 J	350 U	360 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB34-00	28-E-SB35-00	28-E-SB36-00	28-GW01-00	28-GW01DW-00	28-GW05-00
Laboratory Sample ID:		940246-29	940246-32	940241-14	940320-13	940320-20	940281-04
Date Sampled:		3/28/94	3/27/94	3/26/94	4/20/94	4/21/94	4/7/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	930 U	920 U	960 U	910 U	850 U	880 U
4-Nitrophenol	UG/KG	930 U	920 U	960 U	910 U	850 U	880 U
Dibenzofuran	UG/KG	380 U	380 U	400 U	70 J	350 U	360 U
2,4-Dinitrotoluene	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
Diethylphthalate	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
4-Chlorophenyl phenyl ether	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
Fluorene	UG/KG	380 U	380 U	400 U	88 J	350 U	360 U
4-Nitroaniline	UG/KG	930 U	920 U	960 U	910 U	850 U	880 U
4,6-Dinitro-2-methylphenol	UG/KG	930 U	920 U	960 U	910 U	850 U	880 U
N-nitrosodiphenylamine	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
4-Bromophenyl-phenylether	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
Hexachlorobenzene	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
Pentachlorophenol	UG/KG	930 U	920 U	960 U	910 U	850 U	880 U
Phenanthrene	UG/KG	53 J	380 U	400 U	890	170 J	360 U
Anthracene	UG/KG	380 U	380 U	400 U	170 J	350 U	360 U
Carbazole	UG/KG	380 U	380 U	400 U	170 J	350 U	360 U
di-n-Butylphthalate	UG/KG	380 U	380 U	400 U	370 U	70 J	360 U
Fluoranthene	UG/KG	120 J	380 U	98 J	1800	380	360 U
Pyrene	UG/KG	99 J	380 U	83 J	2100	280 J	360 U
Butyl benzyl phthalate	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
3,3'-Dichlorobenzidine	UG/KG	380 U	380 U	400 U	370 U	350 UJ	360 U
Benzo[a]anthracene	UG/KG	64 J	380 U	65 J	1300	210 J	360 U
Chrysene	UG/KG	80 J	380 U	69 J	1200	250 J	360 U
bis(2-Ethylhexyl)phthalate	UG/KG	54 J	91 J	400 U	53 J	59 J	360 U
di-n-Octylphthalate	UG/KG	380 U	380 U	400 U	370 U	350 U	360 U
Benzo[b]fluoranthene	UG/KG	120 J	380 U	48 J	2800	270 J	360 U
Benzo[k]fluoranthene	UG/KG	380 U	380 U	100 J	700	210 J	360 U
Benzo[a]pyrene	UG/KG	65 J	380 U	58 J	1600	200 J	360 U
Indeno[1,2,3-cd]pyrene	UG/KG	44 J	380 U	400 U	1500	150 J	360 U
Dibenz[a,h]anthracene	UG/KG	380 U	380 U	400 U	120 J	350 U	360 U
Benzo[g,h,i]perylene	UG/KG	49 J	380 U	400 U	1700	160 J	360 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB34-00	28-E-SB35-00	28-E-SB36-00	28-GW01-00	28-GW01DW-00	28-GW05-00
Laboratory Sample ID:		940246-29	940246-32	940241-14	940320-13	940320-20	940281-04
Date Sampled:		3/28/94	3/27/94	3/26/94	4/20/94	4/21/94	4/7/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	20 UJ	2.0 UJ	2.0 U	19 U	18 U	19 U
beta-BHC	UG/KG	20 UJ	2.0 UJ	2.0 U	19 U	18 U	19 U
delta-BHC	UG/KG	20 UJ	2.0 UJ	2.0 U	19 U	18 U	19 U
Lindane (gamma-BHC)	UG/KG	20 UJ	2.0 UJ	2.0 U	19 U	18 U	19 U
Heptachlor	UG/KG	20 UJ	2.0 UJ	2.0 U	19 U	18 U	19 U
Aldrin	UG/KG	20 UJ	2.0 UJ	2.0 U	19 U	18 U	19 U
Heptachlor epoxide	UG/KG	30 J	2.0 UJ	2.0 U	19 U	18 U	19 U
Endosulfan I	UG/KG	20 UJ	2.0 UJ	2.0 U	19 U	18 U	19 U
Dieldrin	UG/KG	38 UJ	3.8 UJ	4.0 U	37 U	35 U	36 U
4,4'-DDE	UG/KG	340 J	3.8 UJ	56	1300 J	530	22 J
Endrin	UG/KG	38 UJ	3.8 UJ	4.0 U	37 U	35 U	36 U
Endosulfan II	UG/KG	38 UJ	3.8 UJ	4.0 U	37 U	35 U	36 U
4,4'-DDD	UG/KG	48 NJ	3.8 UJ	4.4 NJ	320 J	57 J	33 J
Endosulfan sulfate	UG/KG	38 UJ	3.8 UJ	4.0 U	41 J	35 U	36 U
4,4'-DDT	UG/KG	37 J	3.8 UJ	14 J	680 J	230	21 J
Methoxychlor	UG/KG	200 UJ	20 UJ	20 U	190 U	180 U	190 U
Endrin ketone	UG/KG	38 UJ	3.8 UJ	4.0 U	37 U	35 U	36 U
Endrin aldehyde	UG/KG	38 UJ	3.8 UJ	4.0 U	37 U	35 U	36 U
alpha-Chlordane	UG/KG	130 J	2.0 UJ	2.5 NJ	19 U	18 U	38 J
gamma-Chlordane	UG/KG	96 J	2.0 UJ	2.0 U	19 U	18 U	18 J
Toxaphene	UG/KG	2000 UJ	200 UJ	200 U	1900 U	1800 U	1900 U
Aroclor 1016	UG/KG	380 UJ	38 UJ	40 U	370 U	350 U	360 U
Aroclor 1221	UG/KG	780 UJ	77 UJ	80 U	760 U	710 U	740 U
Aroclor 1232	UG/KG	380 UJ	38 UJ	40 U	370 U	350 U	360 U
Aroclor 1242	UG/KG	380 UJ	38 UJ	40 U	370 U	350 U	360 U
Aroclor 1248	UG/KG	380 UJ	38 UJ	40 U	370 U	350 U	360 U
Aroclor 1254	UG/KG	380 UJ	38 UJ	40 U	370 U	350 U	360 U
Aroclor 1260	UG/KG	380 UJ	38 UJ	40 U	370 U	350 U	360 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-00	28-GW07-00	28-GW07DW-00	28-GW08-00
Laboratory Sample ID:		940289-01	940289-04	940320-11	940289-24
Date Sampled:		4/7/94	4/8/94	4/18/94	4/9/94
	UNITS				
VOLATILES					
Chloromethane	UG/KG	11 U	13 U	12 U	12 U
Bromomethane	UG/KG	11 U	13 U	12 U	12 U
Vinyl chloride	UG/KG	11 U	13 U	12 U	12 U
Chloroethane	UG/KG	11 U	13 U	12 U	12 U
Methylene chloride	UG/KG	11 U	13 U	12 U	6 J
Acetone	UG/KG	11 U	83 U	12 U	12 U
Carbon Disulfide	UG/KG	11 U	13 U	12 U	12 U
1,1-Dichloroethene	UG/KG	11 U	13 U	12 U	12 U
1,1-Dichloroethane	UG/KG	11 U	13 U	12 U	12 U
1,2-Dichloroethene(total)	UG/KG	11 U	13 U	12 U	12 U
Chloroform	UG/KG	11 U	13 U	12 U	12 U
1,2-Dichloroethane	UG/KG	11 U	13 U	12 U	12 U
2-Butanone	UG/KG	11 U	13 U	12 U	12 U
1,1,1-Trichloroethane	UG/KG	11 U	13 U	12 U	12 U
Carbon tetrachloride	UG/KG	11 U	13 U	12 U	12 U
Bromodichloromethane	UG/KG	11 U	13 U	12 U	12 U
1,2-Dichloropropane	UG/KG	11 U	13 U	12 U	12 U
cis-1,3-Dichloropropene	UG/KG	11 U	13 U	12 U	12 U
Trichloroethene	UG/KG	11 U	13 U	12 U	12 U
Dibromochloromethane	UG/KG	11 U	13 U	12 U	12 U
1,1,2-Trichloroethane	UG/KG	11 U	13 U	12 U	12 U
Benzene	UG/KG	11 U	13 U	12 U	12 U
trans-1,3-Dichloropropene	UG/KG	11 U	13 U	12 U	12 U
Bromoform	UG/KG	11 U	13 U	12 U	12 U
4-Methyl-2-pentanone	UG/KG	11 U	13 U	12 U	12 U
2-Hexanone	UG/KG	11 U	13 U	12 U	12 U
Tetrachloroethene	UG/KG	11 U	13 U	12 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	13 U	12 U	12 U
Toluene	UG/KG	11 U	13 U	12 U	12 U
Chlorobenzene	UG/KG	11 U	13 U	12 U	12 U
Ethylbenzene	UG/KG	11 U	13 U	12 U	12 U
Styrene	UG/KG	11 U	13 U	12 U	12 U
Xylenes (total)	UG/KG	11 U	13 U	12 U	12 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-00	28-GW07-00	28-GW07DW-00	28-GW08-00
Laboratory Sample ID:		940289-01	940289-04	940320-11	940289-24
Date Sampled:		4/7/94	4/8/94	4/18/94	4/9/94
	UNITS				
SEMIVOLATILES					
Phenol	UG/KG	360 U	430 U	390 U	390 U
bis(2-Chloroethyl) ether	UG/KG	360 U	430 U	390 U	390 U
2-Chlorophenol	UG/KG	360 U	430 U	390 U	390 U
1,3-Dichlorobenzene	UG/KG	360 U	430 U	390 U	390 U
1,4-Dichlorobenzene	UG/KG	360 U	430 U	390 U	390 U
1,2-Dichlorobenzene	UG/KG	360 U	430 U	390 U	390 U
2-Methylphenol	UG/KG	360 U	430 U	390 U	390 U
2,2'-oxybis-(1-chloropropane)	UG/KG	360 U	430 U	390 U	390 U
4-Methylphenol	UG/KG	360 U	430 U	390 U	390 U
N-Nitroso-di-n-propylamine	UG/KG	360 U	430 U	390 U	390 U
Hexachloroethane	UG/KG	360 U	430 U	390 U	390 U
Nitrobenzene	UG/KG	360 U	430 U	390 U	390 U
Isophorone	UG/KG	360 U	430 U	390 U	390 U
2-Nitrophenol	UG/KG	360 U	430 U	390 U	390 U
2,4-Dimethylphenol	UG/KG	360 U	430 U	390 U	390 U
bis(2-Chloroethoxy) methane	UG/KG	360 U	430 U	390 U	390 U
2,4-Dichlorophenol	UG/KG	360 U	430 U	390 U	390 U
1,2,4-Trichlorobenzene	UG/KG	360 U	430 U	390 U	390 U
Naphthalene	UG/KG	360 U	430 U	390 U	390 U
4-Chloroaniline	UG/KG	360 U	430 U	390 U	390 U
Hexachlorobutadiene	UG/KG	360 U	430 U	390 U	390 U
4-Chloro-3-methylphenol	UG/KG	360 U	430 U	390 U	390 U
2-Methylnaphthalene	UG/KG	360 U	430 U	390 U	390 U
Hexachlorocyclopentadiene	UG/KG	360 U	430 U	390 U	390 U
2,4,6-Trichlorophenol	UG/KG	360 U	430 U	390 U	390 U
2,4,5-Trichlorophenol	UG/KG	880 U	1100 U	950 U	940 U
2-Chloronaphthalene	UG/KG	360 U	430 U	390 U	390 U
2-Nitroaniline	UG/KG	880 U	1100 U	950 U	940 U
Dimethyl phthalate	UG/KG	360 U	430 U	390 U	390 U
Acenaphthylene	UG/KG	360 U	430 U	390 U	390 U
2,6-Dinitrotoluene	UG/KG	360 U	430 U	390 U	390 U
3-Nitroaniline	UG/KG	880 U	1100 U	950 U	940 U
Acenaphthene	UG/KG	360 U	430 U	390 U	390 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-00	28-GW07-00	28-GW07DW-00	28-GW08-00
Laboratory Sample ID:		940289-01	940289-04	940320-11	940289-24
Date Sampled:		4/7/94	4/8/94	4/18/94	4/9/94
	UNITS				
SEMIVOLATILES Cont.					
2,4-Dinitrophenol	UG/KG	880 U	1100 U	950 U	940 U
4-Nitrophenol	UG/KG	880 U	1100 U	950 U	940 U
Dibenzofuran	UG/KG	360 U	430 U	390 U	390 U
2,4-Dinitrotoluene	UG/KG	360 U	430 U	390 U	390 U
Diethylphthalate	UG/KG	360 U	430 UJ	390 U	390 U
4-Chlorophenyl phenyl ether	UG/KG	360 U	430 U	390 U	390 U
Fluorene	UG/KG	360 U	430 U	390 U	390 U
4-Nitroaniline	UG/KG	880 U	1100 U	950 U	940 U
4,6-Dinitro-2-methylphenol	UG/KG	880 U	1100 UJ	950 U	940 U
N-nitrosodiphenylamine	UG/KG	360 U	430 U	390 U	390 U
4-Bromophenyl-phenylether	UG/KG	360 U	430 U	390 U	390 U
Hexachlorobenzene	UG/KG	360 U	430 U	390 U	390 U
Pentachlorophenol	UG/KG	880 U	1100 U	950 U	940 U
Phenanthrene	UG/KG	360 U	430 U	390 U	390 U
Anthracene	UG/KG	360 U	430 U	390 U	390 U
Carbazole	UG/KG	360 U	430 U	390 U	390 U
di-n-Butylphthalate	UG/KG	360 U	430 U	390 U	390 U
Fluoranthene	UG/KG	360 U	430 U	390 U	390 U
Pyrene	UG/KG	360 U	430 U	390 U	390 U
Butyl benzyl phthalate	UG/KG	360 U	430 U	390 U	390 U
3,3'-Dichlorobenzidine	UG/KG	360 U	430 UJ	390 U	390 U
Benzo[a]anthracene	UG/KG	360 U	430 U	390 U	390 U
Chrysene	UG/KG	360 U	430 U	390 U	390 U
bis(2-Ethylhexyl)phthalate	UG/KG	82 J	430 U	390 U	45 J
di-n-Octylphthalate	UG/KG	360 U	430 U	390 U	390 U
Benzo[b]fluoranthene	UG/KG	360 U	430 U	390 U	390 U
Benzo[k]fluoranthene	UG/KG	360 U	430 U	390 U	390 U
Benzo[a]pyrene	UG/KG	360 U	430 U	390 U	390 U
Indeno[1,2,3-cd]pyrene	UG/KG	360 U	430 U	390 U	390 U
Dibenz[a,h]anthracene	UG/KG	360 U	430 U	390 U	390 U
Benzo[g,h,i]perylene	UG/KG	360 U	430 U	390 U	390 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-00	28-GW07-00	28-GW07DW-00	28-GW08-00
Laboratory Sample ID:		940289-01	940289-04	940320-11	940289-24
Date Sampled:		4/7/94	4/8/94	4/18/94	4/9/94
	UNITS				
PESTICIDES/PCBs					
alpha-BHC	UG/KG	1.9 UJ	2.2 UJ	2.0 U	2.0 U
beta-BHC	UG/KG	1.9 UJ	2.2 UJ	2.0 U	2.0 U
delta-BHC	UG/KG	1.9 UJ	2.2 UJ	2.0 U	2.0 U
Lindane (gamma-BHC)	UG/KG	1.9 UJ	2.2 UJ	2.0 U	2.0 U
Heptachlor	UG/KG	1.9 UJ	2.2 UJ	2.0 U	2.0 U
Aldrin	UG/KG	1.9 UJ	2.2 UJ	2.0 U	2.0 U
Heptachlor epoxide	UG/KG	1.9 UJ	2.2 UJ	2.0 U	2.0 U
Endosulfan I	UG/KG	1.9 UJ	2.2 UJ	2.0 U	2.0 U
Dieldrin	UG/KG	3.6 UJ	4.3 UJ	3.9 U	3.9 U
4,4'-DDE	UG/KG	28 J	4.3 UJ	3.9 U	8.5
Endrin	UG/KG	3.6 UJ	4.3 UJ	3.9 U	3.9 U
Endosulfan II	UG/KG	3.6 UJ	4.3 UJ	3.9 U	3.9 U
4,4'-DDD	UG/KG	3.6 UJ	4.3 UJ	3.9 U	3.9 U
Endosulfan sulfate	UG/KG	3.6 UJ	4.3 UJ	3.9 U	3.9 U
4,4'-DDT	UG/KG	9.2 J	4.3 UJ	14	3.9 U
Methoxychlor	UG/KG	19 UJ	22 UJ	20 U	20 U
Endrin ketone	UG/KG	3.6 UJ	4.3 UJ	3.9 U	3.9 U
Endrin aldehyde	UG/KG	3.6 UJ	4.3 UJ	3.9 U	3.9 U
alpha-Chlordane	UG/KG	1.9 UJ	2.2 UJ	2.0 U	2.0 U
gamma-Chlordane	UG/KG	1.9 UJ	2.2 UJ	2.0 U	2.0 U
Toxaphene	UG/KG	190 UJ	220 UJ	200 U	200 U
Aroclor 1016	UG/KG	36 UJ	43 UJ	39 U	39 U
Aroclor 1221	UG/KG	74 UJ	88 UJ	80 U	78 U
Aroclor 1232	UG/KG	36 UJ	43 UJ	39 U	39 U
Aroclor 1242	UG/KG	36 UJ	43 UJ	39 U	39 U
Aroclor 1248	UG/KG	36 UJ	43 UJ	39 U	39 U
Aroclor 1254	UG/KG	36 UJ	43 UJ	39 U	39 U
Aroclor 1260	UG/KG	36 UJ	43 UJ	39 U	39 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/KG	10 U	16 U	2 J	2 J	28-W-SB09-00	1/40
Bromomethane	UG/KG	10 U	16 U	ND	ND		0/40
Vinyl chloride	UG/KG	10 U	16 U	ND	ND		0/40
Chloroethane	UG/KG	10 U	16 U	ND	ND		0/40
Methylene chloride	UG/KG	10 U	16 U	2 J	6 J	28-GW08-00	2/40
Acetone	UG/KG	10 U	83 U	7 J	10 J	28-GW01DW-00	2/40
Carbon Disulfide	UG/KG	10 U	16 U	ND	ND		0/40
1,1-Dichloroethene	UG/KG	10 U	16 U	ND	ND		0/40
1,1-Dichloroethane	UG/KG	10 U	16 U	ND	ND		0/40
1,2-Dichloroethene(total)	UG/KG	10 U	16 U	ND	ND		0/40
Chloroform	UG/KG	10 U	16 U	ND	ND		0/40
1,2-Dichloroethane	UG/KG	10 U	16 U	ND	ND		0/40
2-Butanone	UG/KG	10 U	16 U	ND	ND		0/40
1,1,1-Trichloroethane	UG/KG	10 U	16 U	2 J	2 J	28-E-SB27-00	1/40
Carbon tetrachloride	UG/KG	10 U	16 U	ND	ND		0/40
Bromodichloromethane	UG/KG	10 U	16 U	ND	ND		0/40
1,2-Dichloropropane	UG/KG	10 U	16 U	ND	ND		0/40
cis-1,3-Dichloropropene	UG/KG	10 U	16 U	ND	ND		0/40
Trichloroethene	UG/KG	10 U	16 U	ND	ND		0/40
Dibromochloromethane	UG/KG	10 U	16 U	ND	ND		0/40
1,1,2-Trichloroethane	UG/KG	10 U	16 U	ND	ND		0/40
Benzene	UG/KG	10 U	16 U	ND	ND		0/40
trans-1,3-Dichloropropene	UG/KG	10 U	16 U	ND	ND		0/40
Bromoform	UG/KG	10 U	16 U	ND	ND		0/40
4-Methyl-2-pentanone	UG/KG	10 U	16 U	ND	ND		0/40
2-Hexanone	UG/KG	10 U	16 U	ND	ND		0/40
Tetrachloroethene	UG/KG	10 U	16 U	ND	ND		0/40
1,1,2,2-Tetrachloroethane	UG/KG	10 U	16 U	ND	ND		0/40
Toluene	UG/KG	10 U	16 U	ND	ND		0/40
Chlorobenzene	UG/KG	10 U	16 U	ND	ND		0/40
Ethylbenzene	UG/KG	10 U	16 U	ND	ND		0/40
Styrene	UG/KG	10 U	16 U	ND	ND		0/40
Xylenes (total)	UG/KG	10 U	16 U	ND	ND		0/40

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/KG	350 U	510 U	ND	ND		0/40
bis(2-Chloroethyl) ether	UG/KG	350 U	510 U	69 J	69 J	28-E-SB28-00	1/40
2-Chlorophenol	UG/KG	350 U	510 U	ND	ND		0/40
1,3-Dichlorobenzene	UG/KG	350 U	510 U	ND	ND		0/40
1,4-Dichlorobenzene	UG/KG	350 U	510 U	ND	ND		0/40
1,2-Dichlorobenzene	UG/KG	350 U	510 U	ND	ND		0/40
2-Methylphenol	UG/KG	350 U	510 U	ND	ND		0/40
2,2'-oxybis-(1-chloropropane)	UG/KG	350 U	510 U	ND	ND		0/40
4-Methylphenol	UG/KG	350 U	510 U	ND	ND		0/40
N-Nitroso-di-n-propylamine	UG/KG	350 U	510 U	ND	ND		0/40
Hexachloroethane	UG/KG	350 U	510 U	ND	ND		0/40
Nitrobenzene	UG/KG	350 U	510 U	ND	ND		0/40
Isophorone	UG/KG	350 U	510 U	ND	ND		0/40
2-Nitrophenol	UG/KG	350 U	510 U	ND	ND		0/40
2,4-Dimethylphenol	UG/KG	350 U	510 U	ND	ND		0/40
bis(2-Chloroethoxy) methane	UG/KG	350 U	510 U	ND	ND		0/40
2,4-Dichlorophenol	UG/KG	350 U	510 U	ND	ND		0/40
1,2,4-Trichlorobenzene	UG/KG	350 U	510 U	ND	ND		0/40
Naphthalene	UG/KG	350 U	510 U	69 J	69 J	28-GW01-00	1/40
4-Chloroaniline	UG/KG	350 U	510 U	ND	ND		0/40
Hexachlorobutadiene	UG/KG	350 U	510 U	ND	ND		0/40
4-Chloro-3-methylphenol	UG/KG	350 U	510 U	ND	ND		0/40
2-Methylnaphthalene	UG/KG	350 U	510 U	ND	ND		0/40
Hexachlorocyclopentadiene	UG/KG	350 U	510 U	ND	ND		0/40
2,4,6-Trichlorophenol	UG/KG	350 U	510 U	ND	ND		0/40
2,4,5-Trichlorophenol	UG/KG	850 U	1200 U	ND	ND		0/40
2-Chloronaphthalene	UG/KG	350 U	510 U	ND	ND		0/40
2-Nitroaniline	UG/KG	850 U	1200 U	ND	ND		0/40
Dimethyl phthalate	UG/KG	350 U	510 U	ND	ND		0/40
Acenaphthylene	UG/KG	350 U	510 U	ND	ND		0/40
2,6-Dinitrotoluene	UG/KG	350 U	510 U	ND	ND		0/40
3-Nitroaniline	UG/KG	850 U	1200 U	ND	ND		0/40
Acenaphthene	UG/KG	350 U	510 U	49 J	83 J	28-GW01-00	2/40

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	850 U	1200 U	ND	ND		0/40
4-Nitrophenol	UG/KG	850 U	1200 U	ND	ND		0/40
Dibenzofuran	UG/KG	350 U	510 U	70 J	70 J	28-GW01-00	1/40
2,4-Dinitrotoluene	UG/KG	350 U	510 U	ND	ND		0/40
Diethylphthalate	UG/KG	350 U	510 U	ND	ND		0/40
4-Chlorophenyl phenyl ether	UG/KG	350 U	510 U	ND	ND		0/40
Fluorene	UG/KG	350 U	510 U	56 J	88 J	28-GW01-00	2/40
4-Nitroaniline	UG/KG	850 U	1200 U	ND	ND		0/40
4,6-Dinitro-2-methylphenol	UG/KG	850 U	1200 U	ND	ND		0/40
N-nitrosodiphenylamine	UG/KG	350 U	510 U	ND	ND		0/40
4-Bromophenyl-phenylether	UG/KG	350 U	510 U	ND	ND		0/40
Hexachlorobenzene	UG/KG	350 U	510 U	ND	ND		0/40
Pentachlorophenol	UG/KG	850 U	1200 U	46 J	46 J	28-E-SB26-00	1/40
Phenanthrene	UG/KG	360 U	510 U	41 J	1100	28-W-SB17-00	8/40
Anthracene	UG/KG	350 U	510 U	120 J	240 J	28-W-SB17-00	3/40
Carbazole	UG/KG	350 U	510 U	69 J	170 J	28-GW01-00	3/40
di-n-Butylphthalate	UG/KG	360 U	510 U	58 J	70 J	28-GW01DW-00	2/40
Fluoranthene	UG/KG	360 U	510 U	43 J	1800	28-GW01-00	12/40
Pyrene	UG/KG	360 U	510 U	51 J	2100	28-GW01-00	11/40
Butyl benzyl phthalate	UG/KG	350 U	510 U	88 J	88 J	28-W-SB02-00	1/40
3,3'-Dichlorobenzidine	UG/KG	350 UJ	510 U	ND	ND		0/40
Benzo[a]anthracene	UG/KG	360 U	510 U	56 J	1300	28-GW01-00	7/40
Chrysene	UG/KG	360 U	510 U	43 J	1200	28-GW01-00	9/40
bis(2-Ethylhexyl)phthalate	UG/KG	350 U	440 U	40 J	5900 R	28-W-SB08-00	20/40
di-n-Octylphthalate	UG/KG	350 U	510 U	110 J	110 J	28-W-SB08-00	1/40
Benzo[b]fluoranthene	UG/KG	360 U	510 U	41 J	2800	28-GW01-00	10/40
Benzo[k]fluoranthene	UG/KG	360 U	510 U	41 J	740	28-W-SB17-00	7/40
Benzo[a]pyrene	UG/KG	360 U	510 U	58 J	1600	28-GW01-00	8/40
Indeno[1,2,3-cd]pyrene	UG/KG	360 U	510 U	44 J	1500	28-GW01-00	6/40
Dibenz[a,h]anthracene	UG/KG	350 U	510 U	120 J	120 J	28-GW01-00	1/40
Benzo[g,h,i]perylene	UG/KG	360 U	510 U	49 J	1700	28-GW01-00	6/40

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	1.9 UJ	23 U	ND	ND		0/40
beta-BHC	UG/KG	1.9 U	23 U	ND	ND		0/40
delta-BHC	UG/KG	1.9 U	23 U	ND	ND		0/40
Lindane (gamma-BHC)	UG/KG	1.9 UJ	23 U	ND	ND		0/40
Heptachlor	UG/KG	1.9 U	23 U	ND	ND		0/40
Aldrin	UG/KG	1.9 U	23 U	ND	ND		0/40
Heptachlor epoxide	UG/KG	1.9 U	23 U	8 J	43 NJ	28-E-SB31-00	3/40
Endosulfan I	UG/KG	1.9 U	23 U	ND	ND		0/40
Dieldrin	UG/KG	3.6 U	44 U	3.7 R	7.1 J	28-E-SB28-00	2/40
4,4'-DDE	UG/KG	3.7 UJ	44 U	4.4 NJ	1300	28-GW01-00	25/40
Endrin	UG/KG	3.6 U	44 U	3.7 R	35 J	28-GW01DW-00	2/40
Endosulfan II	UG/KG	3.6 U	44 U	ND	ND		0/40
4,4'-DDD	UG/KG	3.6 UJ	44 U	0.91 NJ	320 J	28-GW01-00	17/40
Endosulfan sulfate	UG/KG	3.6 U	44 U	41 J	41 J	28-GW01-00	1/40
4,4'-DDT	UG/KG	3.7 UJ	44 U	2.7 J	1400	28-E-SB33-00	20/40
Methoxychlor	UG/KG	19 U	230 U	ND	ND		0/40
Endrin ketone	UG/KG	3.6 U	44 U	ND	ND		0/40
Endrin aldehyde	UG/KG	3.6 U	44 U	7.1 J	7.1 J	28-E-SB28-00	1/40
alpha-Chlordane	UG/KG	1.9 U	20 U	1.9 NJ	160 NJ	28-E-SB31-00	15/40
gamma-Chlordane	UG/KG	1.9 U	23 U	1.9 NJ	96 J	28-E-SB34-00	9/40
Toxaphene	UG/KG	190 U	2300 U	ND	ND		0/40
Aroclor 1016	UG/KG	36 U	440 U	ND	ND		0/40
Aroclor 1221	UG/KG	73 U	890 U	ND	ND		0/40
Aroclor 1232	UG/KG	36 U	440 U	ND	ND		0/40
Aroclor 1242	UG/KG	36 U	440 U	ND	ND		0/40
Aroclor 1248	UG/KG	36 U	440 U	ND	ND		0/40
Aroclor 1254	UG/KG	36 U	440 U	47 J	58 J	28-W-SB12-00	2/40
Aroclor 1260	UG/KG	36 U	440 U	44	44	28-E-SB24-00	1/40

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB01-00	28-W-SB02-00	28-W-SB03-00	28-W-SB04-00	28-W-SB05-00	28-W-SB06-00
Laboratory Sample ID:		940241-15	940241-24	940241-16	940250-16	940248-04	940248-05
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/27/94	3/27/94
Percent Solids		81.0	86.0	85.0	82	70.0	87.0
	UNITS						
Aluminum	MG/KG	821	1240	911	2310	1290 J	1070 J
Antimony	MG/KG	7.7 UJ	6.4 J	6.5 UJ	8.0 UJ	6.2 UJ	7.4 UJ
Arsenic	MG/KG	0.68 UJ	1.1	0.57 UJ	0.71 UJ	0.63	0.78
Barium	MG/KG	5.1	13.3	11.3	8.0	7.6	39.5
Beryllium	MG/KG	0.22 U	0.17 U	0.19 U	0.24 U	0.18 U	0.22 U
Cadmium	MG/KG	0.68 U	0.82 U	0.57 U	0.71 U	0.55 U	0.66 U
Calcium	MG/KG	875	16000 J	29600	2260	951 J	696 J
Chromium	MG/KG	1.6	5.8	2.5	3.3	2.6 J	1.7 J
Cobalt	MG/KG	0.90 U	0.67 U	0.76 U	0.95 U	0.73 U	0.88 U
Copper	MG/KG	1.5	26.4	7.0	9.9	13.5 J	21.8 J
Iron	MG/KG	536	2140	800	2820	1800 J	953 J
Lead	MG/KG	4.4	46.9 J	16.2	13.9	30.2 J	19.8 J
Magnesium	MG/KG	28.8 U	214 J	123	241	84.3 J	51.1 J
Manganese	MG/KG	7.3 J	28.3	20.0 J	20.1 J	43.5 J	43.9 J
Mercury	MG/KG	0.08	0.28 U	0.33	0.05 U	0.06 U	0.17
Nickel	MG/KG	1.6 U	1.2 U	1.3 U	1.7 U	1.7 J	3.2 J
Potassium	MG/KG	35.1 J	111 J	61.4 J	429 J	83.9 J	79.7 J
Selenium	MG/KG	0.90 U	0.67 U	0.76 U	0.95 U	0.73 UJ	0.88 UJ
Silver	MG/KG	1.1 UJ	0.84 UJ	0.95 UJ	1.2 UJ	0.92 UJ	1.1 UJ
Sodium	MG/KG	23.2 U	33.9 U	26.3 U	35.4 U	35.8 U	29.2 U
Thallium	MG/KG	0.90 U	0.67 U	0.76 U	0.95 U	0.73 U	0.88 U
Vanadium	MG/KG	2.5	4.5	2.5	6.4	3.2	2.5
Zinc	MG/KG	2.8 U	50.1	36.2	25.2 J	160 J	89.6 J

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB07-00	28-W-SB08-00	28-W-SB09-00	28-W-SB10-00	28-W-SB11-00	28-W-SB12-00
Laboratory Sample ID:		940250-20	940248-09	940241-34	940250-23	940248-11	940248-14
Date Sampled:		3/26/94	3/27/94	3/25/94	3/26/94	3/27/94	3/27/94
Percent Solids		84.0	84.0	90.0	83.0	85.0	89.0
	UNITS						
Aluminum	MG/KG	3260	5290 J	2300	4370	5860 J	7150 J
Antimony	MG/KG	7.5 UJ	27.5 J	5.8 R	8.2 R	6.1 UJ	7.2 UJ
Arsenic	MG/KG	0.66 UJ	15.7	0.77	0.72 UJ	3.0	1.1
Barium	MG/KG	12.7	94.7	11.5	25.6	40.5	58.1
Beryllium	MG/KG	0.22 U	0.27 U	0.17 U	0.24 U	0.18 U	0.21 U
Cadmium	MG/KG	0.73	12.5	0.97 U	1.3	7.5	2.4
Calcium	MG/KG	1600	960 J	667 J	1870 J	11400 J	2030 J
Chromium	MG/KG	5.6	21.9 J	4.8	9.9	21.7 J	11.8 J
Cobalt	MG/KG	0.88 U	8.0	0.68 U	1.2	1.4	1.1
Copper	MG/KG	12.2	210 J	13.2	36.9	4260 J	119 J
Iron	MG/KG	2370	5920 J	2340	4470	34100 J	5430 J
Lead	MG/KG	29.1	514 J	44.1 J	112 J	276 J	128 J
Magnesium	MG/KG	132	292 J	110 J	152 J	364 J	199 J
Manganese	MG/KG	42.7 J	39100 J	22.3 J	153	176 J	94.2 J
Mercury	MG/KG	0.08	0.46	0.10 U	0.29	0.27	0.21
Nickel	MG/KG	1.6	16.6 J	1.6	4.4	17.2 J	4.1 J
Potassium	MG/KG	93.6 J	201 J	580 J	156 J	304 J	201 J
Selenium	MG/KG	0.88 U	10.4 J	0.68 U	0.96 U	0.72 UJ	0.85 UJ
Silver	MG/KG	1.1 UJ	1.4 UJ	0.86 UJ	1.2 UJ	4.3 J	2.2 J
Sodium	MG/KG	63.4 U	63.7 U	44.7 U	50.6 U	94.6 U	74.2 U
Thallium	MG/KG	0.88 U	1.1	0.68 U	0.96 U	0.72 U	0.85 U
Vanadium	MG/KG	6.0	14.5	5.8	9.5	14.5	7.9
Zinc	MG/KG	88.3 J	23100 J	59.3	289	4140 J	519 J

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB13-00	28-W-SB14-00	28-W-SB15-00	28-W-SB16-00	28-W-SB17-00	28-W-SB18-00
Laboratory Sample ID:		940248-17	940248-19	940241-35	940248-21	940241-01	940248-23
Date Sampled:		3/27/94	3/27/94	3/25/94	3/27/94	3/25/94	3/27/94
Percent Solids		86.0	84.0	80.0	88.0	77.0	83.0
	UNITS						
Aluminum	MG/KG	1190 J	2460 J	5320	3170 J	1700	8410 J
Antimony	MG/KG	5.3 UJ	7.9 UJ	11.4 J	7.2 R	7.8 UJ	8.3 J
Arsenic	MG/KG	0.47 U	0.70 U	1.5	1.6	0.68 UJ	3.5
Barium	MG/KG	24.2	5.0	75.2	10.4	12.9	92.4
Beryllium	MG/KG	0.16 U	0.23 U	0.22 U	0.21 U	0.23 U	0.20 U
Cadmium	MG/KG	0.47 U	0.70 U	4.1	0.88 U	1.1	5.8
Calcium	MG/KG	210000 J	361 J	1690 J	1410 J	684	3080 J
Chromium	MG/KG	2.4 J	2.8 J	17.9	8.6	4.7	25.9
Cobalt	MG/KG	0.62 U	0.93 U	1.7	0.85 U	0.91 U	2.4
Copper	MG/KG	7.6 J	3.8 J	104	5.7	27.2	233
Iron	MG/KG	1660 J	1670 J	21900	3620 J	5030	27300 J
Lead	MG/KG	9.9 J	13.4 J	281 J	15.1	78.3	551
Magnesium	MG/KG	523 J	92.3 J	250 J	159	83.9	444
Manganese	MG/KG	36.3 J	11.3 J	222	20.0	71.7	669
Mercury	MG/KG	0.09	0.06 U	0.40	0.07	0.12	0.75
Nickel	MG/KG	1.1 J	1.9 J	8.3	2.2	1.7	26.7
Potassium	MG/KG	84.1 J	119 J	223 J	233 J	71.2 J	274 J
Selenium	MG/KG	6.2 UJ	0.93 UJ	0.86 U	0.85 U	0.91 U	0.81 U
Silver	MG/KG	0.78 UJ	1.2 UJ	2.2 J	1.1 UJ	1.6 UJ	3.0 J
Sodium	MG/KG	74.1 U	40.6 U	56.6 U	38.5 U	20.2 U	130
Thallium	MG/KG	0.62 U	0.93 U	0.86 U	0.85 U	0.91 U	0.81 U
Vanadium	MG/KG	2.8	3.9	10.5	8.3	4.2	14.9
Zinc	MG/KG	24.4 J	16.3 J	540	26.2	249	1020

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB19-00	28-W-SB20-00	28-E-SB21-00	28-E-SB22-00	28-E-SB23-00	28-E-SB24-00
Laboratory Sample ID:		940241-02	940241-03	940241-25	940246-19	940241-10	940241-12
Date Sampled:		3/25/94	3/25/94	3/25/94	3/26/94	3/26/94	3/26/94
Percent Solids		79.0	74.0	78.0	84.0	80.0	74.0
	UNITS						
Aluminum	MG/KG	1730	4070	3240	1830	2100	2480
Antimony	MG/KG	7.6 UJ	8.4 UJ	6.3 R	5.2 UJ	7.4 UJ	6.8 UJ
Arsenic	MG/KG	2.3 J	1.9 J	1.9	1.1	1.3 J	1.2 J
Barium	MG/KG	28.4	38.5	13.0	12.5	8.9	12.4
Beryllium	MG/KG	0.22 U	0.25 U	0.18 U	0.15 U	0.22 U	0.20 U
Cadmium	MG/KG	2.5	1.9	0.97 U	0.46 U	0.65 U	0.60 U
Calcium	MG/KG	12600	3500	35600 J	79100	291	58300
Chromium	MG/KG	13.4	14.1	6.8	4.2	4.5	4.9
Cobalt	MG/KG	2.5	0.99 U	0.74 U	0.62 U	0.87 U	0.80 U
Copper	MG/KG	36.1	92.8	10.8	3.0	2.9	3.1
Iron	MG/KG	40800	10500	3380	2180	2800	2680
Lead	MG/KG	99.9	157	15.0 J	10.8	5.0	8.2
Magnesium	MG/KG	223	441	489 J	289	76.8	344
Manganese	MG/KG	226	136	31.1	22.9 J	2.4 J	20.1 J
Mercury	MG/KG	0.16	0.29	0.10 U	0.05 U	0.05 U	0.12
Nickel	MG/KG	8.8	4.2	1.3	1.1 U	1.5 U	1.7
Potassium	MG/KG	102 J	370 J	188 J	129 J	115 J	362 J
Selenium	MG/KG	0.89 U	0.99 U	0.74 U	6.2 U	0.87 U	0.80 U
Silver	MG/KG	3.3 UJ	2.9 J	0.92 UJ	0.77 UJ	1.1 UJ	1.0 UJ
Sodium	MG/KG	54.4 U	276	55.8 U	66.6	17.1	39.4 U
Thallium	MG/KG	2.5	0.99 U	0.74 U	0.62 U	0.87 U	0.80 U
Vanadium	MG/KG	12.2	10.1	8.4	4.9	6.0	6.1
Zinc	MG/KG	157	334	29.3	14.0 J	3.1 U	16.6

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-E-SB25-00	28-E-SB26-00	28-E-SB27-00	28-E-SB28-00	28-E-SB29-00	28-E-SB30-00
Laboratory Sample ID:		940241-04	940250-11	940246-21	940241-05	940246-23	940246-26
Date Sampled:		3/25/94	3/26/94	3/28/94	3/25/94	3/26/94	3/26/94
Percent Solids		81.0	80.0	84.0	68.0	90.0	87.0
	UNITS						
Aluminum	MG/KG	3080	3520	1930 J	3350	1200 J	1960 J
Antimony	MG/KG	5.4 UJ	6.5 UJ	7.4 UJ	9.0 UJ	6.1 UJ	5.7 UJ
Arsenic	MG/KG	0.56 J	0.57 UJ	1.8	0.80 UJ	0.54 U	0.50 U
Barium	MG/KG	16.4	23.5	4.9	24.5	10.2	6.8
Beryllium	MG/KG	0.16 U	0.19 U	0.22 U	0.27 U	0.18 U	0.17 U
Cadmium	MG/KG	0.48 U	0.57 U	0.66 U	0.80 U	0.54 U	0.50 U
Calcium	MG/KG	68800	94300	2260 J	1650	3920 J	450 J
Chromium	MG/KG	6.1	5.8	4.8 J	14.6	1.4 J	3.5 J
Cobalt	MG/KG	0.64 U	0.77 U	0.87 U	1.1 U	0.72 U	0.67 U
Copper	MG/KG	6.6	25.1	6.7 J	47.1	4.5 J	4.3 J
Iron	MG/KG	2900	2930	2870 J	2530	638 J	1150 J
Lead	MG/KG	14.3	30.9	5.5 J	94.3	6.9 J	7.7 J
Magnesium	MG/KG	363	351	113 J	141	52.2 J	48.2 J
Manganese	MG/KG	22.9 J	27.8 J	16.0 J	17.3 J	9.4 J	10.2 J
Mercury	MG/KG	0.12	0.18	0.05 U	0.40	0.25	0.05 U
Nickel	MG/KG	1.6	3.8	3.2 UJ	3.3	2.0 UJ	3.1 UJ
Potassium	MG/KG	135 J	99.7 J	115 J	109 J	26.3 J	54.7 J
Selenium	MG/KG	0.64 U	0.77 U	0.87 UJ	1.5	0.72 UJ	0.67 UJ
Silver	MG/KG	0.79 UJ	0.96 UJ	1.1 UJ	1.8 UJ	0.90 UJ	0.83 UJ
Sodium	MG/KG	44.2 U	51.1 U	40.2 U	43.7 U	26.2 U	23.2 U
Thallium	MG/KG	0.64 U	0.77 U	0.87 U	1.1 U	0.80	0.67 U
Vanadium	MG/KG	6.7	7.1	6.8	9.2	2.0	3.7
Zinc	MG/KG	28.2	57.2 J	6.7 J	39.5	9.8 J	8.7 J

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-E-SB31-00	28-E-SB32-00	28-E-SB33-00	28-E-SB34-00	28-E-SB35-00	28-E-SB36-00
Laboratory Sample ID:		940241-26	940250-13	940241-13	940246-29	940246-32	940241-14
Date Sampled:		3/25/94	3/26/94	3/26/94	3/28/94	3/27/94	3/26/94
Percent Solids		74.0	64.0	75.0	85.0	86.0	82.0
	UNITS						
Aluminum	MG/KG	2260	2960	2270	2540 J	2170 J	3720
Antimony	MG/KG	6.9 R	9.2 UJ	7.4 UJ	7.1 UJ	5.9 UJ	5.3 UJ
Arsenic	MG/KG	0.77	0.81 UJ	0.65 UJ	0.71	0.79	0.47 UJ
Barium	MG/KG	7.4	19.2	21.7	61.7	9.1	9.9
Beryllium	MG/KG	0.20 U	0.27 U	0.22 U	0.21 U	0.17 U	0.16 U
Cadmium	MG/KG	0.60 U	0.81 U	0.65 U	0.81	0.52 U	0.66
Calcium	MG/KG	414 J	2260	8890	35800 J	3350 J	3880
Chromium	MG/KG	2.6	2.3	4.6	9.8 J	4.1 J	8.9
Cobalt	MG/KG	0.81 U	1.1 U	0.87 U	0.83 U	0.69 U	0.63 U
Copper	MG/KG	1.9	3.7	7.1	22.1 J	2.5 J	9.2
Iron	MG/KG	1140	922	1700	1710 J	1510 J	2360
Lead	MG/KG	4.7 J	18.8	18.5	47.8 J	6.8 J	19.4
Magnesium	MG/KG	68.1 J	117	178	293 J	109 J	168
Manganese	MG/KG	14.4 J	58.9 J	62.6	38.4 J	14.8 J	16.0 J
Mercury	MG/KG	0.06 U	0.08	0.10	1.1	0.05	0.46
Nickel	MG/KG	1.4 U	2.2	1.5 U	4.2 UJ	3.2 UJ	1.1
Potassium	MG/KG	77.2 J	740 J	127 J	81.7 J	109 J	174 J
Selenium	MG/KG	0.81 U	1.1 U	0.87 U	0.83 UJ	0.69 UJ	0.63 U
Silver	MG/KG	1.0 UJ	1.4 UJ	1.1 UJ	5.9 J	0.86 UJ	1.0 UJ
Sodium	MG/KG	24.1 U	44.5 U	30.3 U	46.9 U	68.4 U	25.6 U
Thallium	MG/KG	0.81 U	1.1 U	0.87 U	0.83 U	0.69 U	0.63 U
Vanadium	MG/KG	4.6	3.9	6.1	3.5	4.8	6.9
Zinc	MG/KG	8.0	14.6 J	15.9	101 J	13.5 J	40.5

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-GW01-00	28-GW01DW-00	28-GW05-00	28-GW06-00	28-GW07-00	28-GW07DW-00
Laboratory Sample ID:		940320-13	940320-20	940281-04	940289-01	940289-04	940320-11
Date Sampled:		4/20/94	4/21/94	4/7/94	4/7/94	4/8/94	4/18/94
Percent Solids		87.0	94.0	91.0	90.0	76.0	83.0
	UNITS						
Aluminum	MG/KG	5000	3000	3630	2390	920	846
Antimony	MG/KG	16.1 J	7.9 J	6.4 UJ	6.6	6.9 U	6.7 UJ
Arsenic	MG/KG	4.9	1.7	1.4	0.51 U	0.61 U	0.59 U
Barium	MG/KG	88.5	36.1	14.6	6.1	1.7	2.6
Beryllium	MG/KG	0.21 U	0.19 U	0.19 U	0.17 U	0.20 U	0.20 U
Cadmium	MG/KG	2.7	0.56 U	0.57 U	0.51 U	0.61 U	0.59 U
Calcium	MG/KG	49100 J	75100 J	41900	4190	349	4020 J
Chromium	MG/KG	24.3	8.4	6.2	6.9	1.4 U	2.0
Cobalt	MG/KG	2.0	0.74 U	1.2	0.68 U	0.82 U	0.78 U
Copper	MG/KG	154	25.4	5.5	4.5	1.2 U	3.1
Iron	MG/KG	18900	4970	3960	1280	630	775
Lead	MG/KG	512	316	11.4 J	59.4	3.9	5.1
Magnesium	MG/KG	1700	654	370	128	41.4	70.3
Manganese	MG/KG	357	95.1	21.1	7.0	5.9	7.5
Mercury	MG/KG	0.09	0.04 U	0.07	0.06 U	0.05 U	0.05 U
Nickel	MG/KG	36.3	5.2	1.6 U	1.2 UJ	1.4 UJ	1.4 U
Potassium	MG/KG	411 J	242 J	171	63.7 J	40.4 U	48.2 U
Selenium	MG/KG	0.83 UJ	0.74 UJ	0.76 U	0.68 U	0.82 U	0.78 UJ
Silver	MG/KG	1.5 J	0.93 UJ	0.95 UJ	0.85 UJ	1.0 UJ	0.98 UJ
Sodium	MG/KG	128	68.5 U	25.4	26.5 U	27.4 U	43.8 U
Thallium	MG/KG	0.83 U	0.74 U	0.76 U	0.68 UJ	0.82 UJ	0.78 U
Vanadium	MG/KG	19.0	6.1	7.4	4.1	2.0	1.3
Zinc	MG/KG	696	160	19.8	10.4	6.8	7.2

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-GW08-00
Laboratory Sample ID:		940289-24
Date Sampled:		4/9/94
Percent Solids		85.0
	UNITS	
Aluminum	MG/KG	1530
Antimony	MG/KG	6.8 U
Arsenic	MG/KG	1.2
Barium	MG/KG	14.7
Beryllium	MG/KG	0.20 U
Cadmium	MG/KG	0.60 U
Calcium	MG/KG	644
Chromium	MG/KG	5.0
Cobalt	MG/KG	0.80 U
Copper	MG/KG	32.3
Iron	MG/KG	3430
Lead	MG/KG	73.2
Magnesium	MG/KG	69.2
Manganese	MG/KG	74.2
Mercury	MG/KG	0.22
Nickel	MG/KG	1.4 UJ
Potassium	MG/KG	63.4 J
Selenium	MG/KG	0.80 U
Silver	MG/KG	1.0 UJ
Sodium	MG/KG	22.6 U
Thallium	MG/KG	0.80 U
Vanadium	MG/KG	3.6
Zinc	MG/KG	110

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Percent Solids							
	UNITS						
Aluminum	MG/KG	NA	NA	821	8410 J	28-W-SB18-00	43/43
Antimony	MG/KG	5.2 UJ	9.2 UJ	5.8 R	28 J	28-W-SB08-00	12/43
Arsenic	MG/KG	0.47 U	0.81 UJ	0.56 J	16	28-W-SB08-00	25/43
Barium	MG/KG	NA	NA	1.7	95	28-W-SB08-00	43/43
Beryllium	MG/KG	0.15 U	0.27 U	ND	ND		0/43
Cadmium	MG/KG	0.46 U	0.97 U	0.66	13	28-W-SB08-00	13/43
Calcium	MG/KG	NA	NA	291	210000 J	28-W-SB13-00	43/43
Chromium	MG/KG	1.4 U	1.4 U	1.4 J	26	28-W-SB18-00	42/43
Cobalt	MG/KG	0.62 U	1.1 U	1.1	8	28-W-SB08-00	9/43
Copper	MG/KG	1.2 U	1.2 U	1.5	4260 J	28-W-SB11-00	42/43
Iron	MG/KG	NA	NA	536	40800	28-W-SB19-00	43/43
Lead	MG/KG	NA	NA	3.9	551	28-W-SB18-00	43/43
Magnesium	MG/KG	28.8 U	28.8 U	41.4	1700	28-GW01-00	42/43
Manganese	MG/KG	NA	NA	2.4 J	39100 J	28-W-SB08-00	43/43
Mercury	MG/KG	0.04 U	0.28 U	0.05	1	28-E-SB34-00	28/43
Nickel	MG/KG	1.1 U	4.2 UJ	1.1 J	36	28-GW01-00	25/43
Potassium	MG/KG	40.4 U	48.2 U	26.3 J	740 J	28-E-SB32-00	41/43
Selenium	MG/KG	0.63 U	6.2 UJ	1.5	10 J	28-W-SB08-00	2/43
Silver	MG/KG	0.77 UJ	3.3 UJ	1.5 J	6 J	28-E-SB34-00	7/43
Sodium	MG/KG	20.2 U	94.6 U	17.1	276	28-W-SB20-00	6/43
Thallium	MG/KG	0.62 U	1.1 U	0.8	3	28-W-SB19-00	3/43
Vanadium	MG/KG	NA	NA	1.3	19	28-GW01-00	43/43
Zinc	MG/KG	2.8 U	3.1 U	6.7 J	23100 J	28-W-SB08-00	41/43

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-04	28-W-SB01-08	28-W-SB02-04	28-W-SB02-07	28-W-SB03-03	28-W-SB03-05
Laboratory Sample ID:		940244-09	940244-10	940244-13	940244-14	940244-11	940244-12
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/26/94	3/26/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Bromomethane	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Vinyl chloride	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Chloroethane	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Methylene chloride	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Acetone	UG/KG	14 U	16	10 U	11 U	51	9 J
Carbon Disulfide	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
1,1-Dichloroethene	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
1,1-Dichloroethane	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
1,2-Dichloroethene(total)	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Chloroform	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
1,2-Dichloroethane	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
2-Butanone	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
1,1,1-Trichloroethane	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Carbon tetrachloride	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Bromodichloromethane	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
1,2-Dichloropropane	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Trichloroethene	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Dibromochloromethane	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Benzene	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
trans-1,3-Dichloropropene	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Bromoform	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
2-Hexanone	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Tetrachloroethene	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Toluene	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Chlorobenzene	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Ethylbenzene	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Styrene	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U
Xylenes (total)	UG/KG	11 U	12 U	10 U	11 U	11 U	11 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-04	28-W-SB01-08	28-W-SB02-04	28-W-SB02-07	28-W-SB03-03	28-W-SB03-05
Laboratory Sample ID:		940244-09	940244-10	940244-13	940244-14	940244-11	940244-12
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/26/94	3/26/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
bis(2-Chloroethyl) ether	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
2-Chlorophenol	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
1,3-Dichlorobenzene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
1,4-Dichlorobenzene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
1,2-Dichlorobenzene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
2-Methylphenol	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
2,2'-oxybis-(1-chloropropane)	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
4-Methylphenol	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
N-Nitroso-di-n-propylamine	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Hexachloroethane	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Nitrobenzene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Isophorone	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
2-Nitrophenol	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
2,4-Dimethylphenol	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
bis(2-Chloroethoxy) methane	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
2,4-Dichlorophenol	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
1,2,4-Trichlorobenzene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Naphthalene	UG/KG	360 U	380 U	340 U	370 U	380 U	44 J
4-Chloroaniline	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Hexachlorobutadiene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
4-Chloro-3-methylphenol	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
2-Methylnaphthalene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Hexachlorocyclopentadiene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
2,4,6-Trichlorophenol	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
2,4,5-Trichlorophenol	UG/KG	870 U	930 U	830 U	900 U	930 U	940 U
2-Chloronaphthalene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
2-Nitroaniline	UG/KG	870 U	930 U	830 U	900 U	930 U	940 U
Dimethyl phthalate	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Acenaphthylene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
2,6-Dinitrotoluene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
3-Nitroaniline	UG/KG	870 U	930 U	830 U	900 U	930 U	940 U
Acenaphthene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-04	28-W-SB01-08	28-W-SB02-04	28-W-SB02-07	28-W-SB03-03	28-W-SB03-05
Laboratory Sample ID:		940244-09	940244-10	940244-13	940244-14	940244-11	940244-12
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/26/94	3/26/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	870 U	930 U	830 U	900 U	930 U	940 U
4-Nitrophenol	UG/KG	870 U	930 U	830 U	900 U	930 U	940 U
Dibenzofuran	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
2,4-Dinitrotoluene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Diethylphthalate	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
4-Chlorophenyl phenyl ether	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Fluorene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
4-Nitroaniline	UG/KG	870 U	930 U	830 U	900 U	930 U	940 U
4,6-Dinitro-2-methylphenol	UG/KG	870 U	930 U	830 U	900 U	930 U	940 U
N-nitrosodiphenylamine	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
4-Bromophenyl-phenylether	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Hexachlorobenzene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Pentachlorophenol	UG/KG	870 U	930 U	830 U	900 U	930 U	940 U
Phenanthrene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Anthracene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Carbazole	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
di-n-Butylphthalate	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Fluoranthene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Pyrene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Butyl benzyl phthalate	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
3,3'-Dichlorobenzidine	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Benzo[a]anthracene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Chrysene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
bis(2-Ethylhexyl)phthalate	UG/KG	360 U	610	340 U	370 U	380 U	390 U
di-n-Octylphthalate	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Benzo[b]fluoranthene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Benzo[k]fluoranthene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Benzo[a]pyrene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Indeno[1,2,3-cd]pyrene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Dibenz[a,h]anthracene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U
Benzo[g,h,i]perylene	UG/KG	360 U	380 U	340 U	370 U	380 U	390 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-04	28-W-SB01-08	28-W-SB02-04	28-W-SB02-07	28-W-SB03-03	28-W-SB03-05
Laboratory Sample ID:		940244-09	940244-10	940244-13	940244-14	940244-11	940244-12
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/26/94	3/26/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	1.8 U	2.0 U	1.8 U	1.9 U	1.9 U	2.0 U
beta-BHC	UG/KG	1.8 U	2.0 U	1.8 U	1.9 U	1.9 U	2.0 U
delta-BHC	UG/KG	1.8 U	2.0 U	1.8 U	1.9 U	1.9 U	2.0 U
Lindane (gamma-BHC)	UG/KG	1.8 U	2.0 U	1.8 U	1.9 U	1.9 U	2.0 U
Heptachlor	UG/KG	1.8 U	2.0 U	1.8 U	1.9 U	1.9 U	2.0 U
Aldrin	UG/KG	1.8 U	2.0 U	1.8 U	1.9 U	1.9 U	2.0 U
Heptachlor epoxide	UG/KG	1.8 U	2.0 U	1.8 U	1.9 U	1.9 U	2.0 U
Endosulfan I	UG/KG	1.8 U	2.0 U	1.8 U	1.9 U	1.9 U	2.0 U
Dieldrin	UG/KG	3.6 U	3.8 U	3.4 U	3.7 U	3.6 U	3.9 U
4,4'-DDE	UG/KG	3.6 U	3.5 J	3.4 U	4.0	20	5.3
Endrin	UG/KG	3.6 U	3.8 U	3.4 U	3.7 U	3.6 U	3.9 U
Endosulfan II	UG/KG	3.6 U	3.8 U	3.4 U	3.7 U	3.6 U	3.9 U
4,4'-DDD	UG/KG	3.6 U	3.8 U	3.4 U	3.7 U	7.8 NJ	3.9 U
Endosulfan sulfate	UG/KG	3.6 U	3.8 U	3.4 U	3.7 U	3.6 U	3.9 U
4,4'-DDT	UG/KG	3.6 U	4.2 J	3.4 U	3.0 J	5.4 J	6.8 J
Methoxychlor	UG/KG	18 U	20 U	18 U	19 U	19 U	20 U
Endrin ketone	UG/KG	3.6 U	3.8 U	3.4 U	3.7 U	3.6 U	3.9 U
Endrin aldehyde	UG/KG	3.6 U	3.8 U	3.4 U	3.7 U	3.6 U	3.9 U
alpha-Chlordane	UG/KG	1.8 U	2.0 U	1.8 U	1.9 U	1.9 U	2.0 U
gamma-Chlordane	UG/KG	1.8 U	2.0 U	1.8 U	1.9 U	1.9 U	2.0 U
Toxaphene	UG/KG	180 U	200 U	180 U	190 U	190 U	200 U
Aroclor 1016	UG/KG	36 U	38 U	34 U	37 U	36 U	39 U
Aroclor 1221	UG/KG	73 U	78 U	70 U	75 U	74 U	78 U
Aroclor 1232	UG/KG	36 U	38 U	34 U	37 U	36 U	39 U
Aroclor 1242	UG/KG	36 U	38 U	34 U	37 U	36 U	39 U
Aroclor 1248	UG/KG	36 U	38 U	34 U	37 U	36 U	39 U
Aroclor 1254	UG/KG	36 U	38 U	34 U	37 U	36 U	39 U
Aroclor 1260	UG/KG	36 U	38 U	34 U	37 U	77	25 J

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB04-03	28-W-SB04-06	28-W-SB06-05	28-W-SB07-01	28-W-SB07-06	28-W-SB08-04
Laboratory Sample ID:		940250-18	940250-19	940248-06	940250-21	940250-22	940248-10
Date Sampled:		3/26/94	3/26/94	3/27/94	3/26/94	3/26/94	3/27/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Bromomethane	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Vinyl chloride	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Chloroethane	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Methylene chloride	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Acetone	UG/KG	11 U	11 U	12 UJ	34 U	11 U	33 U
Carbon Disulfide	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
1,1-Dichloroethene	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
1,1-Dichloroethane	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
1,2-Dichloroethene(total)	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Chloroform	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
1,2-Dichloroethane	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
2-Butanone	UG/KG	11 U	11 U	12 UJ	12 U	11 U	12 U
1,1,1-Trichloroethane	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Carbon tetrachloride	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Bromodichloromethane	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
1,2-Dichloropropane	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
cis-1,3-Dichloropropene	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Trichloroethene	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Dibromochloromethane	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
1,1,2-Trichloroethane	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Benzene	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
trans-1,3-Dichloropropene	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Bromoform	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
4-Methyl-2-pentanone	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
2-Hexanone	UG/KG	11 U	11 U	12 UJ	12 U	11 U	12 U
Tetrachloroethene	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Toluene	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Chlorobenzene	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Ethylbenzene	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Styrene	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U
Xylenes (total)	UG/KG	11 U	11 U	12 U	12 U	11 U	12 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB04-03	28-W-SB04-06	28-W-SB06-05	28-W-SB07-01	28-W-SB07-06	28-W-SB08-04
Laboratory Sample ID:		940250-18	940250-19	940248-06	940250-21	940250-22	940248-10
Date Sampled:		3/26/94	3/26/94	3/27/94	3/26/94	3/26/94	3/27/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
bis(2-Chloroethyl) ether	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
2-Chlorophenol	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
1,3-Dichlorobenzene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
1,4-Dichlorobenzene	UG/KG	400 U	380 U	44 J	370 U	370 U	380 U
1,2-Dichlorobenzene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
2-Methylphenol	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
2,2'-oxybis-(1-chloropropane)	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
4-Methylphenol	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
N-Nitroso-di-n-propylamine	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
Hexachloroethane	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
Nitrobenzene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
Isophorone	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
2-Nitrophenol	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
2,4-Dimethylphenol	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
bis(2-Chloroethoxy) methane	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
2,4-Dichlorophenol	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
1,2,4-Trichlorobenzene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
Naphthalene	UG/KG	400 U	380 U	410 U	370 U	39 J	380 U
4-Chloroaniline	UG/KG	400 U	380 U	410 UJ	370 U	370 U	380 UJ
Hexachlorobutadiene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
4-Chloro-3-methylphenol	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
2-Methylnaphthalene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
Hexachlorocyclopentadiene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
2,4,6-Trichlorophenol	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
2,4,5-Trichlorophenol	UG/KG	960 U	930 U	1000 U	900 U	890 U	920 U
2-Chloronaphthalene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
2-Nitroaniline	UG/KG	960 U	930 U	1000 U	900 U	890 U	920 U
Dimethyl phthalate	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
Acenaphthylene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
2,6-Dinitrotoluene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
3-Nitroaniline	UG/KG	960 U	930 U	1000 U	900 U	890 U	920 U
Acenaphthene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB04-03	28-W-SB04-06	28-W-SB06-05	28-W-SB07-01	28-W-SB07-06	28-W-SB08-04
Laboratory Sample ID:		940250-18	940250-19	940248-06	940250-21	940250-22	940248-10
Date Sampled:		3/26/94	3/26/94	3/27/94	3/26/94	3/26/94	3/27/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	960 UJ	930 U	1000 U	900 U	890 U	920 U
4-Nitrophenol	UG/KG	960 U	930 U	1000 U	900 U	890 U	920 U
Dibenzofuran	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
2,4-Dinitrotoluene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
Diethylphthalate	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
4-Chlorophenyl phenyl ether	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
Fluorene	UG/KG	400 U	380 U	410 U	370 UJ	370 U	380 U
4-Nitroaniline	UG/KG	960 U	930 U	1000 U	900 UJ	890 U	920 U
4,6-Dinitro-2-methylphenol	UG/KG	960 UJ	930 U	1000 U	900 UJ	890 U	920 U
N-nitrosodiphenylamine	UG/KG	400 U	380 U	410 U	370 UJ	370 U	380 U
4-Bromophenyl-phenylether	UG/KG	400 U	380 U	410 U	370 UJ	370 U	380 U
Hexachlorobenzene	UG/KG	400 U	380 U	410 U	370 UJ	370 U	380 U
Pentachlorophenol	UG/KG	960 U	930 U	1000 U	900 UJ	890 U	920 U
Phenanthrene	UG/KG	400 U	380 U	410 U	370 UJ	38 J	380 U
Anthracene	UG/KG	400 U	380 U	410 U	370 UJ	370 U	380 U
Carbazole	UG/KG	400 U	380 U	410 U	370 UJ	370 U	380 U
di-n-Butylphthalate	UG/KG	400 U	380 U	410 U	370 UJ	370 U	380 U
Fluoranthene	UG/KG	400 U	380 U	410 U	140 J	57 J	380 U
Pyrene	UG/KG	400 U	380 U	410 U	54 J	62 J	380 U
Butyl benzyl phthalate	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
3,3'-Dichlorobenzidine	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
Benzo[a]anthracene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
Chrysene	UG/KG	400 U	380 U	410 U	46 J	49 J	380 U
bis(2-Ethylhexyl)phthalate	UG/KG	400 U	380 U	1100	150 J	7200 R	330 J
di-n-Octylphthalate	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
Benzo[b]fluoranthene	UG/KG	400 U	380 U	410 U	38 J	62 J	380 U
Benzo[k]fluoranthene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
Benzo[a]pyrene	UG/KG	400 U	380 U	410 U	370 U	43 J	380 U
Indeno[1,2,3-cd]pyrene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
Dibenz[a,h]anthracene	UG/KG	400 U	380 U	410 U	370 U	370 U	380 U
Benzo[g,h,i]perylene	UG/KG	400 U	380 U	410 U	370 U	50 J	380 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB04-03	28-W-SB04-06	28-W-SB06-05	28-W-SB07-01	28-W-SB07-06	28-W-SB08-04
Laboratory Sample ID:		940250-18	940250-19	940248-06	940250-21	940250-22	940248-10
Date Sampled:		3/26/94	3/26/94	3/27/94	3/26/94	3/26/94	3/27/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	2.0 UJ	2.0 U	21 UJ	1.9 UJ	19 U	2.0 UJ
beta-BHC	UG/KG	2.0 UJ	2.0 U	21 U	1.9 UJ	19 U	2.0 UJ
delta-BHC	UG/KG	2.0 UJ	2.0 U	21 U	1.9 UJ	19 U	2.0 UJ
Lindane (gamma-BHC)	UG/KG	2.0 UJ	2.0 U	21 UJ	1.9 UJ	19 U	2.0 UJ
Heptachlor	UG/KG	2.0 UJ	2.0 U	21 U	1.9 UJ	19 U	2.0 UJ
Aldrin	UG/KG	2.0 UJ	2.0 U	21 U	1.9 UJ	19 U	2.0 UJ
Heptachlor epoxide	UG/KG	2.0 UJ	2.0 U	21 U	1.9 UJ	19 U	2.0 UJ
Endosulfan I	UG/KG	2.0 UJ	2.0 U	21 U	1.9 UJ	19 U	2.0 UJ
Dieldrin	UG/KG	3.9 UJ	3.8 U	41 U	3.7 UJ	37 U	3.8 UJ
4,4'-DDE	UG/KG	3.9 UJ	3.8 U	500	3.7 UJ	1600	3.8 UJ
Endrin	UG/KG	3.9 UJ	3.8 U	41 U	3.7 UJ	37 U	3.8 UJ
Endosulfan II	UG/KG	3.9 UJ	3.8 U	41 U	3.7 UJ	37 U	3.8 UJ
4,4'-DDD	UG/KG	3.9 UJ	3.8 U	130	3.7 UJ	780	3.8 UJ
Endosulfan sulfate	UG/KG	3.9 UJ	3.8 U	41 U	3.7 UJ	37 U	3.8 UJ
4,4'-DDT	UG/KG	3.9 UJ	3.8 U	41 UJ	3.7 UJ	22 NJ	3.8 UJ
Methoxychlor	UG/KG	20 UJ	20 U	210 U	19 UJ	190 U	20 UJ
Endrin ketone	UG/KG	3.9 UJ	3.8 U	41 U	3.7 UJ	37 U	3.8 UJ
Endrin aldehyde	UG/KG	3.9 UJ	3.8 U	41 U	3.7 UJ	37 U	3.8 UJ
alpha-Chlordane	UG/KG	2.0 UJ	2.0 U	45 J	1.9 UJ	19 U	2.0 UJ
gamma-Chlordane	UG/KG	2.0 UJ	2.0 U	21 U	1.9 UJ	19 U	2.0 UJ
Toxaphene	UG/KG	200 UJ	200 U	2100 U	190 UJ	1900 U	200 UJ
Aroclor 1016	UG/KG	39 UJ	38 U	410 U	37 UJ	370 U	38 UJ
Aroclor 1221	UG/KG	80 UJ	78 U	840 U	75 UJ	740 U	77 UJ
Aroclor 1232	UG/KG	39 UJ	38 U	410 U	37 UJ	370 U	38 UJ
Aroclor 1242	UG/KG	39 UJ	38 U	410 U	37 UJ	370 U	38 UJ
Aroclor 1248	UG/KG	39 UJ	38 U	410 U	37 UJ	370 U	38 UJ
Aroclor 1254	UG/KG	39 UJ	38 U	410 U	37 UJ	370 U	38 UJ
Aroclor 1260	UG/KG	39 UJ	38 U	410 U	37 UJ	370 U	38 UJ

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB09-07	28-W-SB10-03	28-W-SB10-06	28-W-SB11-03	28-W-SB12-05	28-W-SB13-06
Laboratory Sample ID:		940244-05	940250-24	940250-25	940248-12	940248-16	940248-18
Date Sampled:		3/25/94	3/26/94	3/26/94	3/27/94	3/27/94	3/27/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Bromomethane	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Vinyl chloride	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Chloroethane	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Methylene chloride	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Acetone	UG/KG	28	11 U	29 U	15 U	26 U	20 U
Carbon Disulfide	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
1,1-Dichloroethene	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
1,1-Dichloroethane	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
1,2-Dichloroethene(total)	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Chloroform	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
1,2-Dichloroethane	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
2-Butanone	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
1,1,1-Trichloroethane	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Carbon tetrachloride	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Bromodichloromethane	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
1,2-Dichloropropane	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
cis-1,3-Dichloropropene	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Trichloroethene	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Dibromochloromethane	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
1,1,2-Trichloroethane	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Benzene	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
trans-1,3-Dichloropropene	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Bromoform	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
4-Methyl-2-pentanone	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
2-Hexanone	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Tetrachloroethene	UG/KG	12 U	11 U	11 U	5 J	12 U	20 U
1,1,2,2-Tetrachloroethane	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Toluene	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Chlorobenzene	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Ethylbenzene	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Styrene	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U
Xylenes (total)	UG/KG	12 U	11 U	11 U	11 U	12 U	20 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB09-07	28-W-SB10-03	28-W-SB10-06	28-W-SB11-03	28-W-SB12-05	28-W-SB13-06
Laboratory Sample ID:		940244-05	940250-24	940250-25	940248-12	940248-16	940248-18
Date Sampled:		3/25/94	3/26/94	3/26/94	3/27/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
bis(2-Chloroethyl) ether	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
2-Chlorophenol	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
1,3-Dichlorobenzene	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
1,4-Dichlorobenzene	UG/KG	400 U	360 U	360 U	3900 U	140 J	550 U
1,2-Dichlorobenzene	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
2-Methylphenol	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
2,2'-oxybis-(1-chloropropane)	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
4-Methylphenol	UG/KG	400 U	360 U	250 J	3900 U	390 U	550 U
N-Nitroso-di-n-propylamine	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
Hexachloroethane	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
Nitrobenzene	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
Isophorone	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
2-Nitrophenol	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
2,4-Dimethylphenol	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
bis(2-Chloroethoxy) methane	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
2,4-Dichlorophenol	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
1,2,4-Trichlorobenzene	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
Naphthalene	UG/KG	400 U	78 J	2600	730 J	47 J	550 U
4-Chloroaniline	UG/KG	400 U	360 U	360 U	3900 UJ	390 U	550 U
Hexachlorobutadiene	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
4-Chloro-3-methylphenol	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
2-Methylnaphthalene	UG/KG	400 U	89 J	82 J	3900 U	390 U	550 U
Hexachlorocyclopentadiene	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
2,4,6-Trichlorophenol	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
2,4,5-Trichlorophenol	UG/KG	970 U	880 U	870 U	9400 U	950 U	1300 U
2-Chloronaphthalene	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
2-Nitroaniline	UG/KG	970 U	880 U	870 U	9400 U	950 U	1300 U
Dimethyl phthalate	UG/KG	400 U	360 U	220 J	3900 U	390 U	79 J
Acenaphthylene	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
2,6-Dinitrotoluene	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
3-Nitroaniline	UG/KG	970 U	880 U	870 U	9400 U	950 U	1300 U
Acenaphthene	UG/KG	400 U	360 U	360 U	2500 J	390 U	550 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB09-07	28-W-SB10-03	28-W-SB10-06	28-W-SB11-03	28-W-SB12-05	28-W-SB13-06
Laboratory Sample ID:		940244-05	940250-24	940250-25	940248-12	940248-16	940248-18
Date Sampled:		3/25/94	3/26/94	3/26/94	3/27/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	970 U	880 U	870 U	9400 U	950 U	1300 U
4-Nitrophenol	UG/KG	970 U	880 U	870 U	9400 U	950 U	1300 U
Dibenzofuran	UG/KG	400 U	360 U	360 U	1300 J	390 U	550 U
2,4-Dinitrotoluene	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
Diethylphthalate	UG/KG	400 U	360 U	360 U	3900 U	100 J	550 U
4-Chlorophenyl phenyl ether	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
Fluorene	UG/KG	400 U	87 J	360 U	2600 J	390 U	550 U
4-Nitroaniline	UG/KG	970 U	880 U	870 U	9400 U	950 U	1300 U
4,6-Dinitro-2-methylphenol	UG/KG	970 U	880 U	870 U	9400 U	950 U	1300 U
N-nitrosodiphenylamine	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
4-Bromophenyl-phenylether	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
Hexachlorobenzene	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
Pentachlorophenol	UG/KG	970 U	880 U	870 U	9400 U	950 U	1300 U
Phenanthrene	UG/KG	400 U	150 J	360 U	27000	44 J	550 U
Anthracene	UG/KG	400 U	360 U	360 U	8600	390 U	550 U
Carbazole	UG/KG	400 U	360 U	360 U	4700	390 U	550 U
di-n-Butylphthalate	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
Fluoranthene	UG/KG	400 U	360 U	360 U	53000 R	390 U	550 U
Pyrene	UG/KG	400 U	360 U	360 U	32000 R	390 U	550 U
Butyl benzyl phthalate	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
3,3'-Dichlorobenzidine	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
Benzo[a]anthracene	UG/KG	400 U	360 U	360 U	24000	390 U	550 U
Chrysene	UG/KG	400 U	360 U	360 U	22000	390 U	550 U
bis(2-Ethylhexyl)phthalate	UG/KG	400 U	370 U	1300	960 J	240 J	550
di-n-Octylphthalate	UG/KG	400 U	360 U	360 U	3900 U	390 U	550 U
Benzo[b]fluoranthene	UG/KG	400 U	360 U	360 U	21000	390 U	550 U
Benzo[k]fluoranthene	UG/KG	400 U	360 U	360 U	18000	390 U	550 U
Benzo[a]pyrene	UG/KG	400 U	360 U	360 U	21000	390 U	550 U
Indeno[1,2,3-cd]pyrene	UG/KG	400 U	360 U	360 U	11000	390 U	550 U
Dibenz[a,h]anthracene	UG/KG	400 U	360 U	360 U	2800 J	390 U	550 U
Benzo[g,h,i]perylene	UG/KG	400 U	360 U	360 U	10000	390 U	550 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB09-07	28-W-SB10-03	28-W-SB10-06	28-W-SB11-03	28-W-SB12-05	28-W-SB13-06
Laboratory Sample ID:		940244-05	940250-24	940250-25	940248-12	940248-16	940248-18
Date Sampled:		3/25/94	3/26/94	3/26/94	3/27/94	3/27/94	3/27/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	2.1 U	9.3 U	3.7 U	2.0 UJ	4.0 UJ	28 UJ
beta-BHC	UG/KG	2.1 U	9.3 U	3.7 U	2.0 UJ	4.0 UJ	28 UJ
delta-BHC	UG/KG	2.1 U	9.3 U	3.7 U	2.0 UJ	4.0 UJ	28 UJ
Lindane (gamma-BHC)	UG/KG	2.1 U	9.3 U	3.7 U	2.0 UJ	4.0 UJ	28 UJ
Heptachlor	UG/KG	2.1 U	9.3 U	3.7 U	2.0 UJ	4.0 UJ	28 UJ
Aldrin	UG/KG	2.1 U	9.3 U	3.7 U	2.0 UJ	4.0 UJ	28 UJ
Heptachlor epoxide	UG/KG	2.1 U	9.3 U	3.7 U	2.0 UJ	4.0 UJ	28 UJ
Endosulfan I	UG/KG	2.1 U	9.3 U	3.7 U	2.0 UJ	4.0 UJ	28 UJ
Dieldrin	UG/KG	4.0 U	18 U	7.2 U	3.9 UJ	7.9 UJ	55 UJ
4,4'-DDE	UG/KG	270	46	41	41 J	650 J	410 J
Endrin	UG/KG	4.0 U	18 U	7.2 U	3.9 UJ	7.9 UJ	55 UJ
Endosulfan II	UG/KG	4.0 U	18 U	7.2 U	3.9 UJ	7.9 UJ	55 UJ
4,4'-DDD	UG/KG	150	130	60 J	60 J	260 J	280 J
Endosulfan sulfate	UG/KG	4.0 U	18 U	7.2 U	3.9 UJ	7.9 UJ	55 UJ
4,4'-DDT	UG/KG	16	17 J	7.2 U	3.9 UJ	43 J	55 UJ
Methoxychlor	UG/KG	21 U	93 U	37 U	20 UJ	40 UJ	280 UJ
Endrin ketone	UG/KG	4.0 U	18 U	7.2 U	3.9 UJ	7.9 UJ	55 UJ
Endrin aldehyde	UG/KG	4.0 U	18 U	7.2 U	3.9 UJ	7.9 UJ	55 UJ
alpha-Chlordane	UG/KG	2.1 U	9.3 U	3.7 U	2.0 UJ	65 J	28 UJ
gamma-Chlordane	UG/KG	2.6 NJ	9.3 U	3.7 U	2.7 J	11 NJ	28 UJ
Toxaphene	UG/KG	210 U	930 U	370 U	200 UJ	400 UJ	2800 UJ
Aroclor 1016	UG/KG	40 U	180 U	72 U	39 UJ	79 UJ	550 UJ
Aroclor 1221	UG/KG	81 U	370 U	150 U	79 UJ	160 UJ	1100 UJ
Aroclor 1232	UG/KG	40 U	180 U	72 U	39 UJ	79 UJ	550 UJ
Aroclor 1242	UG/KG	40 U	180 U	72 U	39 UJ	79 UJ	550 UJ
Aroclor 1248	UG/KG	40 U	180 U	72 U	39 UJ	79 UJ	550 UJ
Aroclor 1254	UG/KG	40 U	180 U	72 U	39 UJ	79 UJ	550 UJ
Aroclor 1260	UG/KG	40 U	180 U	72 U	39 UJ	79 UJ	550 UJ

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB21-02	28-E-SB23-03	28-E-SB25-03	28-E-SB28-04	28-E-SB31-02	28-E-SB36-04
Laboratory Sample ID:		940244-01	940244-07	940240-01	940240-02	940244-02	940244-08
Date Sampled:		3/25/94	3/26/94	3/26/94	3/26/94	3/25/94	3/26/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Bromomethane	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Vinyl chloride	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Chloroethane	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Methylene chloride	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Acetone	UG/KG	37 U	35 U	84 U	14 U	12 U	17 U
Carbon Disulfide	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
1,1-Dichloroethene	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
1,1-Dichloroethane	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
1,2-Dichloroethene(total)	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Chloroform	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
1,2-Dichloroethane	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
2-Butanone	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
1,1,1-Trichloroethane	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Carbon tetrachloride	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Bromodichloromethane	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
1,2-Dichloropropane	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
cis-1,3-Dichloropropene	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Trichloroethene	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Dibromochloromethane	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
1,1,2-Trichloroethane	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Benzene	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
trans-1,3-Dichloropropene	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Bromoform	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
4-Methyl-2-pentanone	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
2-Hexanone	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Tetrachloroethene	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Toluene	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Chlorobenzene	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Ethylbenzene	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Styrene	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U
Xylenes (total)	UG/KG	12 U	12 U	13 U	13 U	12 U	12 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB21-02	28-E-SB23-03	28-E-SB25-03	28-E-SB28-04	28-E-SB31-02	28-E-SB36-04
Laboratory Sample ID:		940244-01	940244-07	940240-01	940240-02	940244-02	940244-08
Date Sampled:		3/25/94	3/26/94	3/26/94	3/26/94	3/25/94	3/26/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
bis(2-Chloroethyl) ether	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
2-Chlorophenol	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
1,3-Dichlorobenzene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
1,4-Dichlorobenzene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
1,2-Dichlorobenzene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
2-Methylphenol	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
2,2'-oxybis-(1-chloropropane)	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
4-Methylphenol	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
N-Nitroso-di-n-propylamine	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Hexachloroethane	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Nitrobenzene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Isophorone	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
2-Nitrophenol	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
2,4-Dimethylphenol	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
bis(2-Chloroethoxy) methane	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
2,4-Dichlorophenol	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
1,2,4-Trichlorobenzene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Naphthalene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
4-Chloroaniline	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Hexachlorobutadiene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
4-Chloro-3-methylphenol	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
2-Methylnaphthalene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Hexachlorocyclopentadiene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
2,4,6-Trichlorophenol	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
2,4,5-Trichlorophenol	UG/KG	900 U	920 U	920 U	1100 U	920 U	960 U
2-Chloronaphthalene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
2-Nitroaniline	UG/KG	900 U	920 U	920 U	1100 U	920 U	960 U
Dimethyl phthalate	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Acenaphthylene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
2,6-Dinitrotoluene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
3-Nitroaniline	UG/KG	900 U	920 U	920 U	1100 U	920 U	960 U
Acenaphthene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB21-02	28-E-SB23-03	28-E-SB25-03	28-E-SB28-04	28-E-SB31-02	28-E-SB36-04
Laboratory Sample ID:		940244-01	940244-07	940240-01	940240-02	940244-02	940244-08
Date Sampled:		3/25/94	3/26/94	3/26/94	3/26/94	3/25/94	3/26/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	900 U	920 U	920 U	1100 U	920 U	960 U
4-Nitrophenol	UG/KG	900 U	920 U	920 U	1100 U	920 U	960 U
Dibenzofuran	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
2,4-Dinitrotoluene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Diethylphthalate	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
4-Chlorophenyl phenyl ether	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Fluorene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
4-Nitroaniline	UG/KG	900 U	920 U	920 U	1100 U	920 U	960 U
4,6-Dinitro-2-methylphenol	UG/KG	900 U	920 U	920 U	1100 U	920 U	960 U
N-nitrosodiphenylamine	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
4-Bromophenyl-phenylether	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Hexachlorobenzene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Pentachlorophenol	UG/KG	900 U	920 U	920 U	1100 U	920 U	960 U
Phenanthrene	UG/KG	370 U	44 J	380 U	460 U	380 U	400 U
Anthracene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Carbazole	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
di-n-Butylphthalate	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Fluoranthene	UG/KG	40 J	76 J	380 U	460 U	380 U	42 J
Pyrene	UG/KG	370 U	56 J	380 U	460 U	380 U	400 U
Butyl benzyl phthalate	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
3,3'-Dichlorobenzidine	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Benzo[a]anthracene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Chrysene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
bis(2-Ethylhexyl)phthalate	UG/KG	370 U	520 U	14000 R	460 U	380 U	1100
di-n-Octylphthalate	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Benzo[b]fluoranthene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Benzo[k]fluoranthene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Benzo[a]pyrene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Indeno[1,2,3-cd]pyrene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Dibenz[a,h]anthracene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U
Benzo[g,h,i]perylene	UG/KG	370 U	380 U	380 U	460 U	380 U	400 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB21-02	28-E-SB23-03	28-E-SB25-03	28-E-SB28-04	28-E-SB31-02	28-E-SB36-04
Laboratory Sample ID:		940244-01	940244-07	940240-01	940240-02	940244-02	940244-08
Date Sampled:		3/25/94	3/26/94	3/26/94	3/26/94	3/25/94	3/26/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	1.9 U	1.9 U	2.0 U	2.3 U	1.9 U	2.0 U
beta-BHC	UG/KG	1.9 U	1.9 U	2.0 U	2.3 U	1.9 U	2.0 U
delta-BHC	UG/KG	1.9 U	1.9 U	2.0 U	2.3 U	1.9 U	2.0 U
Lindane (gamma-BHC)	UG/KG	1.9 U	1.9 U	2.0 U	2.3 U	1.9 U	2.0 U
Heptachlor	UG/KG	1.9 U	1.9 U	2.0 U	2.3 U	1.9 U	2.0 U
Aldrin	UG/KG	1.9 U	1.9 U	2.0 U	2.3 U	1.9 U	2.0 U
Heptachlor epoxide	UG/KG	1.9 U	1.9 U	2.0 U	2.3 U	1.9 U	2.0 U
Endosulfan I	UG/KG	1.9 U	1.9 U	2.0 U	2.3 U	1.9 U	2.0 U
Dieldrin	UG/KG	3.7 U	3.8 U	3.8 U	4.6 U	3.8 U	4.0 U
4,4'-DDE	UG/KG	8.4	3.8 U	3.1 J	4.6 U	3.8 U	4.0 U
Endrin	UG/KG	3.7 U	3.8 U	3.8 U	4.6 U	3.8 U	4.0 U
Endosulfan II	UG/KG	3.7 U	3.8 U	3.8 U	4.6 U	3.8 U	4.0 U
4,4'-DDD	UG/KG	15	3.8 U	15	4.6 U	3.8 U	6.7
Endosulfan sulfate	UG/KG	3.7 U	3.8 U	3.8 U	4.6 U	3.8 U	4.0 U
4,4'-DDT	UG/KG	7.4	3.8 U	3.8 U	4.6 U	3.8 U	6.1 J
Methoxychlor	UG/KG	19 U	19 U	20 U	23 U	19 U	20 U
Endrin ketone	UG/KG	3.7 U	3.8 U	3.8 U	4.6 U	3.8 U	4.0 U
Endrin aldehyde	UG/KG	3.7 U	3.8 U	3.8 U	4.6 U	3.8 U	4.0 U
alpha-Chlordane	UG/KG	1.9 U	1.9 U	2.0 U	2.3 U	2.7 J	2.0 U
gamma-Chlordane	UG/KG	1.9 U	1.9 U	2.0 U	2.3 U	1.9 U	2.0 U
Toxaphene	UG/KG	190 U	190 U	200 U	230 U	190 U	200 U
Aroclor 1016	UG/KG	37 U	38 U	38 U	46 U	38 U	40 U
Aroclor 1221	UG/KG	76 U	77 U	77 U	92 U	77 U	81 U
Aroclor 1232	UG/KG	37 U	38 U	38 U	46 U	38 U	40 U
Aroclor 1242	UG/KG	37 U	38 U	38 U	46 U	38 U	40 U
Aroclor 1248	UG/KG	37 U	38 U	38 U	46 U	38 U	40 U
Aroclor 1254	UG/KG	37 U	38 U	38 U	46 U	38 U	40 U
Aroclor 1260	UG/KG	37 U	38 U	38 U	46 U	38 U	40 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01-01	28-GW01DW-01	28-GW05-04	28-GW06-04	28-GW06-08	28-GW07-01
Laboratory Sample ID:		940320-14	940320-21	940281-06	940289-02	940289-03	940289-05
Date Sampled:		4/20/94	4/20/94	4/7/94	4/7/94	4/7/94	4/8/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
Bromomethane	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
Vinyl chloride	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
Chloroethane	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
Methylene chloride	UG/KG	8 J	4 J	13 U	14 U	13 U	12 U
Acetone	UG/KG	40 J	99	23 U	17 U	85 U	12 U
Carbon Disulfide	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
1,1-Dichloroethene	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
1,1-Dichloroethane	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
1,2-Dichloroethene(total)	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
Chloroform	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
1,2-Dichloroethane	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
2-Butanone	UG/KG	12 U	21	13 U	14 U	13 U	12 U
1,1,1-Trichloroethane	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
Carbon tetrachloride	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
Bromodichloromethane	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
1,2-Dichloropropane	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
cis-1,3-Dichloropropene	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
Trichloroethene	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
Dibromochloromethane	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
1,1,2-Trichloroethane	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
Benzene	UG/KG	12 U	2 J	13 U	14 U	13 U	12 U
trans-1,3-Dichloropropene	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
Bromoform	UG/KG	12 U	11 U	13 U	14 U	13 U	12 U
4-Methyl-2-pentanone	UG/KG	12 U	11 UJ	13 U	14 U	13 U	12 U
2-Hexanone	UG/KG	12 UJ	11 UJ	13 U	14 U	13 U	12 U
Tetrachloroethene	UG/KG	12 UJ	11 UJ	13 U	14 U	13 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	12 UJ	11 UJ	13 U	14 U	13 U	12 U
Toluene	UG/KG	12 UJ	11 UJ	13 U	14 U	13 U	12 U
Chlorobenzene	UG/KG	12 UJ	11 UJ	13 U	14 U	13 U	12 U
Ethylbenzene	UG/KG	12 UJ	11 UJ	13 U	14 U	13 U	12 U
Styrene	UG/KG	12 UJ	11 UJ	13 U	14 U	13 U	12 U
Xylenes (total)	UG/KG	12 UJ	11 UJ	13 U	14 U	13 U	12 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01-01	28-GW01DW-01	28-GW05-04	28-GW06-04	28-GW06-08	28-GW07-01
Laboratory Sample ID:		940320-14	940320-21	940281-06	940289-02	940289-03	940289-05
Date Sampled:		4/20/94	4/20/94	4/7/94	4/7/94	4/7/94	4/8/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
bis(2-Chloroethyl) ether	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
2-Chlorophenol	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
1,3-Dichlorobenzene	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
1,4-Dichlorobenzene	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
1,2-Dichlorobenzene	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
2-Methylphenol	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
2,2'-oxybis-(1-chloropropane)	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
4-Methylphenol	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
N-Nitroso-di-n-propylamine	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
Hexachloroethane	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
Nitrobenzene	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
Isophorone	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
2-Nitrophenol	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
2,4-Dimethylphenol	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
bis(2-Chloroethoxy) methane	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
2,4-Dichlorophenol	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
1,2,4-Trichlorobenzene	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
Naphthalene	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
4-Chloroaniline	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
Hexachlorobutadiene	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
4-Chloro-3-methylphenol	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
2-Methylnaphthalene	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
Hexachlorocyclopentadiene	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
2,4,6-Trichlorophenol	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
2,4,5-Trichlorophenol	UG/KG	1800 U	880 U	1000 U	1100 U	1000 U	1100 U
2-Chloronaphthalene	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
2-Nitroaniline	UG/KG	1800 U	880 U	1000 U	1100 U	1000 U	1100 U
Dimethyl phthalate	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
Acenaphthylene	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
2,6-Dinitrotoluene	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
3-Nitroaniline	UG/KG	1800 U	880 U	1000 U	1100 U	1000 U	1100 U
Acenaphthene	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01-01	28-GW01DW-01	28-GW05-04	28-GW06-04	28-GW06-08	28-GW07-01
Laboratory Sample ID:		940320-14	940320-21	940281-06	940289-02	940289-03	940289-05
Date Sampled:		4/20/94	4/20/94	4/7/94	4/7/94	4/7/94	4/8/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	1800 U	880 U	1000 U	1100 U	1000 U	1100 U
4-Nitrophenol	UG/KG	1800 U	880 U	1000 U	1100 U	1000 U	1100 U
Dibenzofuran	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
2,4-Dinitrotoluene	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
Diethylphthalate	UG/KG	750 U	360 U	410 U	440 U	430 UJ	430 U
4-Chlorophenyl phenyl ether	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
Fluorene	UG/KG	78 J	360 U	410 U	440 U	430 U	430 U
4-Nitroaniline	UG/KG	1800 U	880 U	1000 U	1100 U	1000 U	1100 U
4,6-Dinitro-2-methylphenol	UG/KG	1800 U	880 U	1000 U	1100 U	1000 UJ	1100 U
N-nitrosodiphenylamine	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
4-Bromophenyl-phenylether	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
Hexachlorobenzene	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
Pentachlorophenol	UG/KG	1800 U	880 U	1000 U	1100 U	1000 U	1100 U
Phenanthrene	UG/KG	1200	84 J	410 U	440 U	430 U	44 J
Anthracene	UG/KG	330 J	360 U	410 U	440 U	430 U	430 U
Carbazole	UG/KG	94 J	360 U	410 U	440 U	430 U	430 U
di-n-Butylphthalate	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
Fluoranthene	UG/KG	2700	180 J	410 U	440 U	430 U	81 J
Pyrene	UG/KG	2600	170 J	410 U	440 U	430 U	51 J
Butyl benzyl phthalate	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
3,3'-Dichlorobenzidine	UG/KG	750 UJ	360 U	410 U	440 U	430 UJ	430 U
Benzo[a]anthracene	UG/KG	1900	120 J	410 U	440 U	430 U	430 U
Chrysene	UG/KG	1600	140 J	410 U	440 U	430 U	430 U
bis(2-Ethylhexyl)phthalate	UG/KG	110 J	360 U	410 U	440 U	430 U	640
di-n-Octylphthalate	UG/KG	750 U	360 U	410 U	440 U	430 U	430 U
Benzo[b]fluoranthene	UG/KG	1600	210 J	410 U	440 U	430 U	49 J
Benzo[k]fluoranthene	UG/KG	1500	50 J	410 U	440 U	430 U	430 U
Benzo[a]pyrene	UG/KG	1600	110 J	410 U	440 U	430 U	430 U
Indeno[1,2,3-cd]pyrene	UG/KG	1100 J	100 J	410 U	440 U	430 U	430 U
Dibenz[a,h]anthracene	UG/KG	110 J	360 U	410 U	440 U	430 U	430 U
Benzo[g,h,i]perylene	UG/KG	1200 J	120 J	410 U	440 U	430 U	430 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01-01	28-GW01DW-01	28-GW05-04	28-GW06-04	28-GW06-08	28-GW07-01
Laboratory Sample ID:		940320-14	940320-21	940281-06	940289-02	940289-03	940289-05
Date Sampled:		4/20/94	4/20/94	4/7/94	4/7/94	4/7/94	4/8/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	19 U	190 U	2.1 UJ	2.3 U	2.2 U	2.1 U
beta-BHC	UG/KG	19 U	190 U	2.1 UJ	2.3 U	2.2 U	2.1 U
delta-BHC	UG/KG	19 U	190 U	2.1 UJ	2.3 U	2.2 U	2.1 U
Lindane (gamma-BHC)	UG/KG	19 U	190 U	2.1 UJ	2.3 U	2.2 U	2.1 U
Heptachlor	UG/KG	19 U	190 U	2.1 UJ	2.3 U	2.2 U	2.1 U
Aldrin	UG/KG	19 U	190 U	2.1 UJ	2.3 U	2.2 U	2.1 U
Heptachlor epoxide	UG/KG	19 U	190 U	2.1 UJ	2.3 U	2.2 U	2.1 U
Endosulfan I	UG/KG	19 U	190 U	2.1 UJ	2.3 U	2.2 U	2.1 U
Dieldrin	UG/KG	38 U	360 U	4.1 UJ	4.4 U	4.3 U	4.0 U
4,4'-DDE	UG/KG	610 J	1400	4.1 UJ	4.4 U	4.3 U	35
Endrin	UG/KG	38 U	360 U	4.1 UJ	4.4 U	4.3 U	4.0 U
Endosulfan II	UG/KG	38 U	360 U	4.1 UJ	4.4 U	4.3 U	4.0 U
4,4'-DDD	UG/KG	630 J	880 NJ	4.1 UJ	4.4 U	4.3 U	20 J
Endosulfan sulfate	UG/KG	38 U	360 U	4.1 UJ	4.4 U	4.3 U	4.0 U
4,4'-DDT	UG/KG	430 J	7300 D	4.1 UJ	4.4 U	4.3 U	3.2 J
Methoxychlor	UG/KG	190 U	1900 U	21 UJ	23 U	22 U	21 U
Endrin ketone	UG/KG	38 U	360 U	4.1 UJ	4.4 U	4.3 U	4.0 U
Endrin aldehyde	UG/KG	38 U	360 U	4.1 UJ	4.4 U	4.3 U	4.0 U
alpha-Chlordane	UG/KG	19 U	190 U	2.1 UJ	2.3 U	2.2 U	2.1 U
gamma-Chlordane	UG/KG	19 U	190 U	2.1 UJ	2.3 U	2.2 U	2.1 U
Toxaphene	UG/KG	1900 U	19000 U	210 UJ	230 U	220 U	210 U
Aroclor 1016	UG/KG	380 U	3600 U	41 UJ	44 U	43 U	40 U
Aroclor 1221	UG/KG	770 U	7300 U	84 UJ	90 U	87 U	81 U
Aroclor 1232	UG/KG	380 U	3600 U	41 UJ	44 U	43 U	40 U
Aroclor 1242	UG/KG	380 U	3600 U	41 UJ	44 U	43 U	140 J
Aroclor 1248	UG/KG	380 U	3600 U	41 UJ	44 U	43 U	40 U
Aroclor 1254	UG/KG	380 U	3600 U	41 UJ	44 U	43 U	40 U
Aroclor 1260	UG/KG	380 U	3600 U	41 UJ	44 U	43 U	40 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW07DW-01	28-GW08-05
Laboratory Sample ID:		940320-12	940289-25
Date Sampled:		4/18/94	4/9/94
	UNITS		
VOLATILES			
Chloromethane	UG/KG	12 U	14 U
Bromomethane	UG/KG	12 U	14 U
Vinyl chloride	UG/KG	12 U	14 U
Chloroethane	UG/KG	12 U	14 U
Methylene chloride	UG/KG	12 U	5 J
Acetone	UG/KG	40 J	35 U
Carbon Disulfide	UG/KG	12 U	14 U
1,1-Dichloroethene	UG/KG	12 U	14 U
1,1-Dichloroethane	UG/KG	12 U	14 U
1,2-Dichloroethene(total)	UG/KG	12 U	14 U
Chloroform	UG/KG	12 U	14 U
1,2-Dichloroethane	UG/KG	12 U	14 U
2-Butanone	UG/KG	12 U	14 U
1,1,1-Trichloroethane	UG/KG	12 U	14 U
Carbon tetrachloride	UG/KG	12 U	14 U
Bromodichloromethane	UG/KG	12 U	14 U
1,2-Dichloropropane	UG/KG	12 U	14 U
cis-1,3-Dichloropropene	UG/KG	12 U	14 U
Trichloroethene	UG/KG	12 U	14 U
Dibromochloromethane	UG/KG	12 U	14 U
1,1,2-Trichloroethane	UG/KG	12 U	14 U
Benzene	UG/KG	12 U	14 U
trans-1,3-Dichloropropene	UG/KG	12 U	14 U
Bromoform	UG/KG	12 U	14 U
4-Methyl-2-pentanone	UG/KG	12 U	14 UJ
2-Hexanone	UG/KG	12 U	14 UJ
Tetrachloroethene	UG/KG	12 U	14 UJ
1,1,2,2-Tetrachloroethane	UG/KG	12 U	14 UJ
Toluene	UG/KG	12 U	14 UJ
Chlorobenzene	UG/KG	12 U	14 UJ
Ethylbenzene	UG/KG	12 U	14 UJ
Styrene	UG/KG	12 U	14 UJ
Xylenes (total)	UG/KG	12 U	14 UJ

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-GW07DW-01	28-GW08-05
Laboratory Sample ID:	940320-12	940289-25
Date Sampled:	4/18/94	4/9/94

	UNITS		
SEMIVOLATILES			
Phenol	UG/KG	400 U	440 U
bis(2-Chloroethyl) ether	UG/KG	400 U	440 U
2-Chlorophenol	UG/KG	400 U	440 U
1,3-Dichlorobenzene	UG/KG	400 U	440 U
1,4-Dichlorobenzene	UG/KG	400 U	440 U
1,2-Dichlorobenzene	UG/KG	400 U	440 U
2-Methylphenol	UG/KG	400 U	440 U
2,2'-oxybis-(1-chloropropane)	UG/KG	400 U	440 U
4-Methylphenol	UG/KG	400 U	440 U
N-Nitroso-di-n-propylamine	UG/KG	400 U	440 U
Hexachloroethane	UG/KG	400 U	440 U
Nitrobenzene	UG/KG	400 U	440 U
Isophorone	UG/KG	400 U	440 U
2-Nitrophenol	UG/KG	400 U	440 U
2,4-Dimethylphenol	UG/KG	400 U	440 U
bis(2-Chloroethoxy) methane	UG/KG	400 U	440 U
2,4-Dichlorophenol	UG/KG	400 U	440 U
1,2,4-Trichlorobenzene	UG/KG	400 U	440 U
Naphthalene	UG/KG	400 U	440 U
4-Chloroaniline	UG/KG	400 U	440 U
Hexachlorobutadiene	UG/KG	400 U	440 U
4-Chloro-3-methylphenol	UG/KG	400 U	440 U
2-Methylnaphthalene	UG/KG	400 U	440 U
Hexachlorocyclopentadiene	UG/KG	400 U	440 U
2,4,6-Trichlorophenol	UG/KG	400 U	440 U
2,4,5-Trichlorophenol	UG/KG	970 U	1100 U
2-Chloronaphthalene	UG/KG	400 U	440 U
2-Nitroaniline	UG/KG	970 U	1100 U
Dimethyl phthalate	UG/KG	400 U	440 U
Acenaphthylene	UG/KG	400 U	440 U
2,6-Dinitrotoluene	UG/KG	400 U	440 U
3-Nitroaniline	UG/KG	970 U	1100 U
Acenaphthene	UG/KG	510	440 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW07DW-01	28-GW08-05
Laboratory Sample ID:		940320-12	940289-25
Date Sampled:		4/18/94	4/9/94
	UNITS		
SEMIVOLATILES Cont.			
2,4-Dinitrophenol	UG/KG	970 U	1100 U
4-Nitrophenol	UG/KG	970 U	1100 U
Dibenzofuran	UG/KG	400 U	220 J
2,4-Dinitrotoluene	UG/KG	400 U	440 U
Diethylphthalate	UG/KG	400 U	440 UJ
4-Chlorophenyl phenyl ether	UG/KG	400 U	440 U
Fluorene	UG/KG	99 J	440 U
4-Nitroaniline	UG/KG	970 U	1100 U
4,6-Dinitro-2-methylphenol	UG/KG	970 U	1100 UJ
N-nitrosodiphenylamine	UG/KG	400 U	440 U
4-Bromophenyl-phenylether	UG/KG	400 U	440 U
Hexachlorobenzene	UG/KG	400 U	440 U
Pentachlorophenol	UG/KG	970 U	1100 U
Phenanthrene	UG/KG	400 U	49 J
Anthracene	UG/KG	400 U	440 U
Carbazole	UG/KG	400 U	440 U
di-n-Butylphthalate	UG/KG	400 U	440 U
Fluoranthene	UG/KG	48 J	440 U
Pyrene	UG/KG	400 U	440 U
Butyl benzyl phthalate	UG/KG	400 U	440 U
3,3'-Dichlorobenzidine	UG/KG	400 U	440 UJ
Benzo[a]anthracene	UG/KG	400 U	440 U
Chrysene	UG/KG	400 U	440 U
bis(2-Ethylhexyl)phthalate	UG/KG	66 J	62 J
di-n-Octylphthalate	UG/KG	400 U	440 U
Benzo[b]fluoranthene	UG/KG	400 U	440 U
Benzo[k]fluoranthene	UG/KG	400 U	440 U
Benzo[a]pyrene	UG/KG	400 U	440 U
Indeno[1,2,3-cd]pyrene	UG/KG	400 U	440 U
Dibenz[a,h]anthracene	UG/KG	400 U	440 U
Benzo[g,h,i]perylene	UG/KG	400 U	440 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW07DW-01	28-GW08-05
Laboratory Sample ID:		940320-12	940289-25
Date Sampled:		4/18/94	4/9/94
	UNITS		
PESTICIDES/PCBs			
alpha-BHC	UG/KG	2.1 U	2.3 U
beta-BHC	UG/KG	2.1 U	2.3 U
delta-BHC	UG/KG	2.1 U	2.3 U
Lindane (gamma-BHC)	UG/KG	2.1 U	2.3 U
Heptachlor	UG/KG	2.1 U	2.3 U
Aldrin	UG/KG	2.1 U	2.3 U
Heptachlor epoxide	UG/KG	2.1 U	2.3 U
Endosulfan I	UG/KG	2.1 U	2.3 U
Dieldrin	UG/KG	4.0 U	4.4 U
4,4'-DDE	UG/KG	12	56
Endrin	UG/KG	4.0 U	4.4 U
Endosulfan II	UG/KG	4.0 U	4.4 U
4,4'-DDD	UG/KG	15	6.2
Endosulfan sulfate	UG/KG	4.0 U	4.4 U
4,4'-DDT	UG/KG	4.0 U	4.4 U
Methoxychlor	UG/KG	21 U	23 U
Endrin ketone	UG/KG	4.0 U	4.4 U
Endrin aldehyde	UG/KG	4.0 U	4.4 U
alpha-Chlordane	UG/KG	2.1 U	2.3 U
gamma-Chlordane	UG/KG	2.1 U	2.3 U
Toxaphene	UG/KG	210 U	230 U
Aroclor 1016	UG/KG	40 U	44 U
Aroclor 1221	UG/KG	81 U	89 U
Aroclor 1232	UG/KG	40 U	44 U
Aroclor 1242	UG/KG	40 U	44 U
Aroclor 1248	UG/KG	40 U	44 U
Aroclor 1254	UG/KG	40 U	44 U
Aroclor 1260	UG/KG	40 U	44 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/KG	10 U	20 U	ND	ND		0/32
Bromomethane	UG/KG	10 U	20 U	ND	ND		0/32
Vinyl chloride	UG/KG	10 U	20 U	ND	ND		0/32
Chloroethane	UG/KG	10 U	20 U	ND	ND		0/32
Methylene chloride	UG/KG	10 U	20 U	4 J	8 J	28-GW01-01	3/32
Acetone	UG/KG	10 U	85 U	9 J	99	28-GW01DW-01	7/32
Carbon Disulfide	UG/KG	10 U	20 U	ND	ND		0/32
1,1-Dichloroethene	UG/KG	10 U	20 U	ND	ND		0/32
1,1-Dichloroethane	UG/KG	10 U	20 U	ND	ND		0/32
1,2-Dichloroethene(total)	UG/KG	10 U	20 U	ND	ND		0/32
Chloroform	UG/KG	10 U	20 U	ND	ND		0/32
1,2-Dichloroethane	UG/KG	10 U	20 U	ND	ND		0/32
2-Butanone	UG/KG	10 U	20 U	21	21	28-GW01DW-01	1/32
1,1,1-Trichloroethane	UG/KG	10 U	20 U	ND	ND		0/32
Carbon tetrachloride	UG/KG	10 U	20 U	ND	ND		0/32
Bromodichloromethane	UG/KG	10 U	20 U	ND	ND		0/32
1,2-Dichloropropane	UG/KG	10 U	20 U	ND	ND		0/32
cis-1,3-Dichloropropene	UG/KG	10 U	20 U	ND	ND		0/32
Trichloroethene	UG/KG	10 U	20 U	ND	ND		0/32
Dibromochloromethane	UG/KG	10 U	20 U	ND	ND		0/32
1,1,2-Trichloroethane	UG/KG	10 U	20 U	ND	ND		0/32
Benzene	UG/KG	10 U	20 U	2 J	2 J	28-GW01DW-01	1/32
trans-1,3-Dichloropropene	UG/KG	10 U	20 U	ND	ND		0/32
Bromoform	UG/KG	10 U	20 U	ND	ND		0/32
4-Methyl-2-pentanone	UG/KG	10 U	20 U	ND	ND		0/32
2-Hexanone	UG/KG	10 U	20 U	ND	ND		0/32
Tetrachloroethene	UG/KG	10 U	20 U	5 J	5 J	28-W-SB11-03	1/32
1,1,2,2-Tetrachloroethane	UG/KG	10 U	20 U	ND	ND		0/32
Toluene	UG/KG	10 U	20 U	ND	ND		0/32
Chlorobenzene	UG/KG	10 U	20 U	ND	ND		0/32
Ethylbenzene	UG/KG	10 U	20 U	ND	ND		0/32
Styrene	UG/KG	10 U	20 U	ND	ND		0/32
Xylenes (total)	UG/KG	10 U	20 U	ND	ND		0/32

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/KG	340 U	3900 U	ND	ND		0/32
bis(2-Chloroethyl) ether	UG/KG	340 U	3900 U	ND	ND		0/32
2-Chlorophenol	UG/KG	340 U	3900 U	ND	ND		0/32
1,3-Dichlorobenzene	UG/KG	340 U	3900 U	ND	ND		0/32
1,4-Dichlorobenzene	UG/KG	340 U	3900 U	44 J	140 J	28-W-SB12-05	2/32
1,2-Dichlorobenzene	UG/KG	340 U	3900 U	ND	ND		0/32
2-Methylphenol	UG/KG	340 U	3900 U	ND	ND		0/32
2,2'-oxybis-(1-chloropropane)	UG/KG	340 U	3900 U	ND	ND		0/32
4-Methylphenol	UG/KG	340 U	3900 U	250 J	250 J	28-W-SB10-06	1/32
N-Nitroso-di-n-propylamine	UG/KG	340 U	3900 U	ND	ND		0/32
Hexachloroethane	UG/KG	340 U	3900 U	ND	ND		0/32
Nitrobenzene	UG/KG	340 U	3900 U	ND	ND		0/32
Isophorone	UG/KG	340 U	3900 U	ND	ND		0/32
2-Nitrophenol	UG/KG	340 U	3900 U	ND	ND		0/32
2,4-Dimethylphenol	UG/KG	340 U	3900 U	ND	ND		0/32
bis(2-Chloroethoxy) methane	UG/KG	340 U	3900 U	ND	ND		0/32
2,4-Dichlorophenol	UG/KG	340 U	3900 U	ND	ND		0/32
1,2,4-Trichlorobenzene	UG/KG	340 U	3900 U	ND	ND		0/32
Naphthalene	UG/KG	340 U	750 U	39 J	2600	28-W-SB10-06	6/32
4-Chloroaniline	UG/KG	340 U	3900 UJ	ND	ND		0/32
Hexachlorobutadiene	UG/KG	340 U	3900 U	ND	ND		0/32
4-Chloro-3-methylphenol	UG/KG	340 U	3900 U	ND	ND		0/32
2-Methylnaphthalene	UG/KG	340 U	3900 U	82 J	89 J	28-W-SB10-03	2/32
Hexachlorocyclopentadiene	UG/KG	340 U	3900 U	ND	ND		0/32
2,4,6-Trichlorophenol	UG/KG	340 U	3900 U	ND	ND		0/32
2,4,5-Trichlorophenol	UG/KG	830 U	9400 U	ND	ND		0/32
2-Chloronaphthalene	UG/KG	340 U	3900 U	ND	ND		0/32
2-Nitroaniline	UG/KG	830 U	9400 U	ND	ND		0/32
Dimethyl phthalate	UG/KG	340 U	3900 U	79 J	220 J	28-W-SB10-06	2/32
Acenaphthylene	UG/KG	340 U	3900 U	ND	ND		0/32
2,6-Dinitrotoluene	UG/KG	340 U	3900 U	ND	ND		0/32
3-Nitroaniline	UG/KG	830 U	9400 U	ND	ND		0/32
Acenaphthene	UG/KG	340 U	750 U	510	2500 J	28-W-SB11-03	2/32

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	830 U	9400 U	ND	ND		0/32
4-Nitrophenol	UG/KG	830 U	9400 U	ND	ND		0/32
Dibenzofuran	UG/KG	340 U	750 U	220 J	1300 J	28-W-SB11-03	2/32
2,4-Dinitrotoluene	UG/KG	340 U	3900 U	ND	ND		0/32
Diethylphthalate	UG/KG	340 U	3900 U	100 J	100 J	28-W-SB12-05	1/32
4-Chlorophenyl phenyl ether	UG/KG	340 U	3900 U	ND	ND		0/32
Fluorene	UG/KG	340 U	550 U	78 J	2600 J	28-W-SB11-03	4/32
4-Nitroaniline	UG/KG	830 U	9400 U	ND	ND		0/32
4,6-Dinitro-2-methylphenol	UG/KG	830 U	9400 U	ND	ND		0/32
N-nitrosodiphenylamine	UG/KG	340 U	3900 U	ND	ND		0/32
4-Bromophenyl-phenylether	UG/KG	340 U	3900 U	ND	ND		0/32
Hexachlorobenzene	UG/KG	340 U	3900 U	ND	ND		0/32
Pentachlorophenol	UG/KG	830 U	9400 U	ND	ND		0/32
Phenanthrene	UG/KG	340 U	550 U	38 J	27000	28-W-SB11-03	9/32
Anthracene	UG/KG	340 U	550 U	330 J	8600	28-W-SB11-03	2/32
Carbazole	UG/KG	340 U	550 U	94 J	4700	28-W-SB11-03	2/32
di-n-Butylphthalate	UG/KG	340 U	3900 U	ND	ND		0/32
Fluoranthene	UG/KG	340 U	550 U	40 J	53000 R	28-W-SB11-03	10/32
Pyrene	UG/KG	340 U	550 U	51 J	32000 R	28-W-SB11-03	7/32
Butyl benzyl phthalate	UG/KG	340 U	3900 U	ND	ND		0/32
3,3'-Dichlorobenzidine	UG/KG	340 U	3900 U	ND	ND		0/32
Benzo[a]anthracene	UG/KG	340 U	550 U	120 J	24000	28-W-SB11-03	3/32
Chrysene	UG/KG	340 U	550 U	46 J	22000	28-W-SB11-03	5/32
bis(2-Ethylhexyl)phthalate	UG/KG	340 U	520 U	62 J	14000 R	28-E-SB25-03	15/32
di-n-Octylphthalate	UG/KG	340 U	3900 U	ND	ND		0/32
Benzo[b]fluoranthene	UG/KG	340 U	550 U	38 J	21000	28-W-SB11-03	6/32
Benzo[k]fluoranthene	UG/KG	340 U	550 U	50 J	18000	28-W-SB11-03	3/32
Benzo[a]pyrene	UG/KG	340 U	550 U	43 J	21000	28-W-SB11-03	4/32
Indeno[1,2,3-cd]pyrene	UG/KG	340 U	550 U	100 J	11000	28-W-SB11-03	3/32
Dibenz[a,h]anthracene	UG/KG	340 U	550 U	110 J	2800 J	28-W-SB11-03	2/32
Benzo[g,h,i]perylene	UG/KG	340 U	550 U	50 J	10000	28-W-SB11-03	4/32

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
PESTICIDES/PCBs							
alpha-BHC	UG/KG	1.8 U	190 U	ND	ND		0/32
beta-BHC	UG/KG	1.8 U	190 U	ND	ND		0/32
delta-BHC	UG/KG	1.8 U	190 U	ND	ND		0/32
Lindane (gamma-BHC)	UG/KG	1.8 U	190 U	ND	ND		0/32
Heptachlor	UG/KG	1.8 U	190 U	ND	ND		0/32
Aldrin	UG/KG	1.8 U	190 U	ND	ND		0/32
Heptachlor epoxide	UG/KG	1.8 U	190 U	ND	ND		0/32
Endosulfan I	UG/KG	1.8 U	190 U	ND	ND		0/32
Dieldrin	UG/KG	3.4 U	360 U	ND	ND		0/32
4,4'-DDE	UG/KG	3.4 U	4.6 U	3.1 J	1600	28-W-SB07-06	19/32
Endrin	UG/KG	3.4 U	360 U	ND	ND		0/32
Endosulfan II	UG/KG	3.4 U	360 U	ND	ND		0/32
4,4'-DDD	UG/KG	3.4 U	4.6 U	6.2	880 NJ	28-GW01DW-01	17/32
Endosulfan sulfate	UG/KG	3.4 U	360 U	ND	ND		0/32
4,4'-DDT	UG/KG	3.4 U	55 UJ	3 J	7300 D	28-GW01DW-01	13/32
Methoxychlor	UG/KG	18 U	1900 U	ND	ND		0/32
Endrin ketone	UG/KG	3.4 U	360 U	ND	ND		0/32
Endrin aldehyde	UG/KG	3.4 U	360 U	ND	ND		0/32
alpha-Chlordane	UG/KG	1.8 U	190 U	2.7 J	65 J	28-W-SB12-05	3/32
gamma-Chlordane	UG/KG	1.8 U	190 U	2.6 NJ	11 NJ	28-W-SB12-05	3/32
Toxaphene	UG/KG	180 U	19000 U	ND	ND		0/32
Aroclor 1016	UG/KG	34 U	3600 U	ND	ND		0/32
Aroclor 1221	UG/KG	70 U	7300 U	ND	ND		0/32
Aroclor 1232	UG/KG	34 U	3600 U	ND	ND		0/32
Aroclor 1242	UG/KG	34 U	3600 U	140 J	140 J	28-GW07-01	1/32
Aroclor 1248	UG/KG	34 U	3600 U	ND	ND		0/32
Aroclor 1254	UG/KG	34 U	3600 U	ND	ND		0/32
Aroclor 1260	UG/KG	34 U	3600 U	25 J	77	28-W-SB03-03	2/32

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB01-04	28-W-SB01-08	28-W-SB02-04	28-W-SB02-07	28-W-SB03-03	28-W-SB03-05
Laboratory Sample ID:		940244-09	940244-10	940244-13	940244-14	940244-11	940244-12
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/26/94	3/26/94
Percent Solids		91.0	85.0	96.0	89.0	85.0	84.0
	UNITS						
Aluminum	MG/KG	921 J	1090 J	688 J	832 J	4490 J	2580 J
Antimony	MG/KG	5.9 J	7.3 UJ	9.0 J	7.1 UJ	12.5 J	13.8 J
Arsenic	MG/KG	0.49 U	0.64 U	0.55 U	0.86	2.0	16.7
Barium	MG/KG	3.5	4.6	3.9	3.7	41.3	74.2
Beryllium	MG/KG	0.16 U	0.22 U	0.18 U	0.21 U	0.18 U	0.16 U
Cadmium	MG/KG	0.49 U	0.64 U	0.55 U	0.63 U	0.55 U	1.7
Calcium	MG/KG	150 J	275 J	51.3 J	170 J	98400 J	71400 J
Chromium	MG/KG	2.0 J	3.3 J	1.3 UJ	2.1 J	5.7 J	57.9 J
Cobalt	MG/KG	0.66 U	0.86 U	0.73 U	0.84 U	0.73 U	5.5
Copper	MG/KG	0.98 R	1.3 J	1.1 R	1.3 R	48.4 J	138 J
Iron	MG/KG	779 J	915 J	584 J	765 J	2560 J	78000 J
Lead	MG/KG	1.6 UJ	2.5 J	1.3 UJ	2.2 J	18.1 J	414 J
Magnesium	MG/KG	31.4 J	50.6 J	44.6 J	48.4 J	1040 J	717 J
Manganese	MG/KG	4.7 J	9.8 J	4.6 J	5.7 J	29.9 J	238 J
Mercury	MG/KG	0.04 U	0.06 U	0.05 U	0.05 U	0.06	0.05
Nickel	MG/KG	1.1 U	1.5 UJ	1.3 UJ	1.5 UJ	3.3 J	45.9 J
Potassium	MG/KG	38.2 U	64.1 J	358 J	54.5 J	287 J	195 J
Selenium	MG/KG	0.66 UJ	0.86 UJ	0.73 UJ	0.84 UJ	0.73 UJ	0.62 UJ
Silver	MG/KG	0.82 UJ	1.1 UJ	0.92 UJ	1.0 UJ	0.92 UJ	4.0 J
Sodium	MG/KG	21.4 U	32.9 U	15.6 U	36.5 U	54.0 U	61.9 U
Thallium	MG/KG	0.66 U	0.86 U	0.73 U	0.84 U	0.73 U	0.62 U
Vanadium	MG/KG	1.4	1.8	0.98	1.9	6.5	19.6
Zinc	MG/KG	0.95 J	2.7 J	1.0 J	1.9 J	28.1 J	359 J

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB04-03	28-W-SB04-06	28-W-SB06-05	28-W-SB08-04	28-W-SB09-07	28-W-SB10-03
Laboratory Sample ID:		940250-18	940250-19	940248-06	940248-10	940244-05	940250-24
Date Sampled:		3/26/94	3/26/94	3/27/94	3/27/94	3/25/94	3/26/94
Percent Solids		83.0	85.0	79.0	87.0	83.0	91.0
	UNITS						
Aluminum	MG/KG	2410	3090	10800 J	9590 J	8270 J	2760
Antimony	MG/KG	6.2 UJ	7.1 UJ	20.6 J	9.1 UJ	46.7 J	7.0 R
Arsenic	MG/KG	0.55 UJ	0.63 UJ	25.1	4.7	19.8	0.62 UJ
Barium	MG/KG	7.7	9.9	198	105	215	15.9
Beryllium	MG/KG	0.18 U	0.21 U	0.24 U	0.27 U	0.24 U	0.21 U
Cadmium	MG/KG	0.77	0.63 U	14.8	4.5	6.3	0.90
Calcium	MG/KG	12000	1010	17200 J	9910 J	20400 J	59800 J
Chromium	MG/KG	5.7	6.0	98.5 J	20.1 J	82.2 J	10.2
Cobalt	MG/KG	0.73 U	0.84 U	15.4	3.1	12.2	0.90
Copper	MG/KG	2.7	1.7	697 J	256 J	3280 J	14.5
Iron	MG/KG	2310	2460	95400 J	9610 J	145000 J	3060
Lead	MG/KG	6.5	5.3	1700 J	299 J	1670 J	36.4 J
Magnesium	MG/KG	227	134	1060 J	616 J	1350 J	869 J
Manganese	MG/KG	12.7 J	9.9 J	1340 J	3340 J	1270 J	43.1
Mercury	MG/KG	0.06 U	0.05 U	0.60	0.45	0.42	0.08
Nickel	MG/KG	1.3 U	1.6	102 J	17.8 J	53.1 J	2.7
Potassium	MG/KG	428 J	111 J	583 J	515 J	501 J	271 J
Selenium	MG/KG	0.73 U	0.84 U	0.95 UJ	1.1 UJ	0.95 UJ	0.83 U
Silver	MG/KG	0.91 UJ	1.0 UJ	9.6 J	6.0 J	9.5 J	1.0 UJ
Sodium	MG/KG	53.7 U	36.1 U	267	201	408	100
Thallium	MG/KG	0.73 U	0.84 U	0.95 U	1.1 U	0.95 U	0.83 U
Vanadium	MG/KG	5.9	6.4	31.8	15.0	45.3	6.3
Zinc	MG/KG	8.6 J	4.1 J	1510 J	4330 J	1870	101

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB10-06	28-W-SB11-03	28-W-SB12-05	28-W-SB13-06	28-W-SB14-02	28-W-SB15-05
Laboratory Sample ID:		940250-25	940248-12	940248-16	940248-18	940248-20	940244-06
Date Sampled:		3/26/94	3/27/94	3/27/94	3/27/94	3/27/94	3/25/94
Percent Solids		91.0	85.0	84.0	60.0	84.0	80.3
	UNITS						
Aluminum	MG/KG	6710	3050 J	10000 J	13800 J	3480 J	9280 J
Antimony	MG/KG	43.0 J	9.8 J	44.0 J	12.3 UJ	7.9 J	19.1 J
Arsenic	MG/KG	2.8 J	3.3	18.7	14.1	3.2	8.9
Barium	MG/KG	84.1	40.2	226	200	21.5	110
Beryllium	MG/KG	0.21 U	0.22 U	0.20 U	1.1	0.23 U	0.24 U
Cadmium	MG/KG	2.0	2.3	10.5	1.6	1.3	7.9
Calcium	MG/KG	7660 J	63200 J	16100 J	18900 J	892 J	55800 J
Chromium	MG/KG	14.5	34.7 J	79.7 J	12.4 J	10.8 J	51.9 J
Cobalt	MG/KG	0.85 U	2.8	10.0	6.0	0.91 U	4.1
Copper	MG/KG	919	33.8 J	531 J	47.8 J	35.1 J	204 J
Iron	MG/KG	7310	35500 J	154000 J	10000 J	16100 J	92600 J
Lead	MG/KG	2060 J	146 J	1670 J	25.1 J	234 J	1300 J
Magnesium	MG/KG	632 J	3660 J	1220 J	1040 J	151 J	812 J
Manganese	MG/KG	70.5	325 J	2100 J	53.2 J	78.8 J	674 J
Mercury	MG/KG	0.22	0.05 U	1.0	0.27	0.05 U	1.0
Nickel	MG/KG	2.5	38.5 J	60.3 J	17.2 J	5.8 J	24.2 J
Potassium	MG/KG	597 J	216 J	450 J	4200 J	235 J	269 J
Selenium	MG/KG	8.5 U	0.87 UJ	0.79 UJ	6.0 J	0.91 UJ	0.94 UJ
Silver	MG/KG	1.1 UJ	1.5 U	18.4 J	1.8 UJ	2.0 J	5.0 J
Sodium	MG/KG	405	105 U	316	1220	54.2 U	399
Thallium	MG/KG	0.85 U	0.87 U	0.79 U	1.4 U	0.91 U	0.94 U
Vanadium	MG/KG	11.4	16.7	35.4	90.7	10.7	24.0
Zinc	MG/KG	1040	343 J	2600 J	39.5 J	133 J	1070 J

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB16-04	28-W-SB17-05	28-W-SB18-01	28-W-SB19-03	28-W-SB20-01	28-E-SB21-02
Laboratory Sample ID:		940248-22	940240-03	940248-24	940240-04	940240-05	940244-01
Date Sampled:		3/27/94	3/26/94	3/27/94	3/26/94	3/26/94	3/25/94
Percent Solids		83.0	87.2	76.3	81.7	82.9	87.0
	UNITS						
Aluminum	MG/KG	1720 J	12400	20700 J	2710	12000	6360 J
Antimony	MG/KG	7.6 R	19.7 J	30.2 J	6.4 R	7.8 R	7.4 UJ
Arsenic	MG/KG	0.69	9.9	11.3	1.5	5.4	1.9
Barium	MG/KG	9.6	120	269	23.6	147	11.9
Beryllium	MG/KG	0.22 U	0.23 U	0.19 U	0.19 U	0.23 U	0.22 U
Cadmium	MG/KG	0.67 U	9.6	15.6	1.8	9.3	0.65 U
Calcium	MG/KG	1560 J	6370 J	17900 J	32000 J	13400 J	1050 J
Chromium	MG/KG	7.8	34.5	128	10.2	38.0	11.8 J
Cobalt	MG/KG	0.89 U	6.6	7.8	1.2	4.9	0.87 U
Copper	MG/KG	6.2	464	469	43.5	373	2.3 J
Iron	MG/KG	2540 J	54500	92300 J	14400	51900	6680 J
Lead	MG/KG	18.9	1150 J	1670	697 J	572 J	6.8 J
Magnesium	MG/KG	92.2	828 J	1310	523 J	1440 J	343 J
Manganese	MG/KG	17.5	356	1720	165	940	5.5 J
Mercury	MG/KG	0.06 U	0.05 U	1.2	0.15	0.28	0.05 U
Nickel	MG/KG	1.6 U	24.3	39.7	6.5 U	24.9	1.5 UJ
Potassium	MG/KG	169 J	867 J	655 J	189 J	817 J	305 J
Selenium	MG/KG	0.89 U	0.92 U	0.75 U	0.75 U	0.92 U	0.87 UJ
Silver	MG/KG	1.1 U	5.5 J	15.7 J	1.1 J	6.5 J	1.1 UJ
Sodium	MG/KG	37.6 U	363	425	59.3 U	461	54.8 U
Thallium	MG/KG	0.89 U	1.0	0.75 U	0.75 U	0.92 U	0.87 U
Vanadium	MG/KG	5.7	23.0	33.8	8.8	22.1	14.3
Zinc	MG/KG	46.8	737	2420	197	1630	7.4 J

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-E-SB22-02	28-E-SB23-03	28-E-SB24-03	28-E-SB25-03	28-E-SB26-03	28-E-SB27-04
Laboratory Sample ID:		940246-20	940244-07	940244-15	940240-01	940250-12	940246-22
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/26/94	3/28/94
Percent Solids		86.0	87.0	80.9	86.0	70.4	86.0
	UNITS						
Aluminum	MG/KG	4460	3840 J	12200 J	7080	11800	2510 J
Antimony	MG/KG	9.8 UJ	7.6 UJ	7.6 UJ	7.1 R	9.6 UJ	6.6 UJ
Arsenic	MG/KG	1.9	2.6	6.2	0.69	2.0 J	2.9
Barium	MG/KG	12.7	8.4	19.9	16.7	23.8	7.2
Beryllium	MG/KG	0.29 U	0.22 U	0.22 U	0.21 U	0.28	0.20 U
Cadmium	MG/KG	0.86 U	0.67 U	0.67 U	0.62 U	0.99	0.59 U
Calcium	MG/KG	21100	453 J	515 J	711 J	2570	1110 J
Chromium	MG/KG	10.2	9.0 J	30.6 J	8.4	30.4	9.0 J
Cobalt	MG/KG	1.2 U	1.2	0.90 U	0.98	1.1 U	0.78 U
Copper	MG/KG	3.5	2.5 J	3.8 J	3.8	4.3	4.9 J
Iron	MG/KG	5230	5770 J	15500 J	2100	11700	3990 J
Lead	MG/KG	13.4	6.1 J	7.6 J	10.2 J	10.2	14.3 J
Magnesium	MG/KG	637	152 J	503 J	250 J	1160	287 J
Manganese	MG/KG	10.0 J	5.4 J	6.3 J	10.4	11.7 J	6.7 J
Mercury	MG/KG	0.08 U	0.05 U	0.05 U	0.05 U	0.07 U	0.05 U
Nickel	MG/KG	2.0 U	1.6 UJ	1.6 UJ	1.6 U	2.0 U	3.8 UJ
Potassium	MG/KG	261 J	228 J	434 J	214 J	1030 J	419 J
Selenium	MG/KG	1.2 U	0.89 UJ	0.90 UJ	0.83 U	1.1 U	0.78 UJ
Silver	MG/KG	1.4 UJ	1.1 UJ	1.1 UJ	1.0 UJ	1.4 UJ	0.98 UJ
Sodium	MG/KG	553	42.0 U	63.8 U	26.6 U	56.1 U	202
Thallium	MG/KG	1.2 U	0.89 U	0.90 U	0.83 U	1.1 U	0.78 U
Vanadium	MG/KG	12.2	9.9	36.1	8.3	30.9	9.8
Zinc	MG/KG	6.4 J	5.6 J	5.7 J	9.1	8.3 J	31.8 J

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-E-SB28-04	28-E-SB29-02	28-E-SB30-03	28-E-SB30-05	28-E-SB31-02	28-E-SB32-03
Laboratory Sample ID:		940240-02	940246-25	940246-27	940246-28	940244-02	940250-14
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/25/94	3/26/94
Percent Solids		72.0	90.0	89.0	87.0	87.0	78.5
	UNITS						
Aluminum	MG/KG	14200	6140 J	1480 J	2490 J	7650 J	1950
Antimony	MG/KG	7.6 R	7.1 UJ	5.6 UJ	8.2 UJ	6.2 UJ	8 UJ
Arsenic	MG/KG	5.8	1.5	1.1	3.0	1.5	0.71 UJ
Barium	MG/KG	17.5	29.0	3.0	5.5	12.3	5.3
Beryllium	MG/KG	0.25	0.21 U	0.17 U	0.24 U	0.18 U	0.24 U
Cadmium	MG/KG	0.67 U	0.62 U	0.50 U	0.73 U	0.54 U	0.71 U
Calcium	MG/KG	132 J	486 J	86.5 J	103 J	1280 J	31.7 U
Chromium	MG/KG	38.2	6.4 J	4.4 J	11.4 J	15.9 J	2.1
Cobalt	MG/KG	1.4	0.83 U	0.66 U	0.97 U	0.72 U	0.94 U
Copper	MG/KG	4.7	1.2 R	1.0 J	2.4 J	2.6 J	1.4 U
Iron	MG/KG	18100	3370 J	1540 J	5560 J	8190 J	873
Lead	MG/KG	10.9 J	4.8 J	1.9 J	6.3 J	8.8 J	2.6
Magnesium	MG/KG	819 J	214 J	53.4 J	182 J	400 J	64.6
Manganese	MG/KG	5.5 J	6.8 J	1.8 J	2.0 J	6.6 J	2.7 J
Mercury	MG/KG	0.06 U	0.04 U	0.05 U	0.06 U	0.05 U	0.05 U
Nickel	MG/KG	3.1 U	5.0 UJ	3.2 UJ	3.9 UJ	1.3 UJ	3.1
Potassium	MG/KG	750 J	159 J	67.9 J	225 J	309 J	419 J
Selenium	MG/KG	0.90 U	0.83 UJ	0.66 UJ	0.97 UJ	0.72 UJ	0.94 U
Silver	MG/KG	1.2 J	1.0 UJ	0.83 UJ	1.8 J	0.91 UJ	1.2 UJ
Sodium	MG/KG	49.8 U	32.7 U	28.1 U	37.1 U	47.5 U	24.8 U
Thallium	MG/KG	0.90 U	0.83 U	0.66 U	0.97 U	0.72 U	0.94 U
Vanadium	MG/KG	43.6	9.8	6.4	10.6	16.6	4.2
Zinc	MG/KG	7.3	2.9 UJ	1.4 UJ	1.5 UJ	8.8	1.1 J

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-E-SB32-06	28-E-SB33-03	28-E-SB33-06	28-E-SB34-03	28-E-SB34-06	28-E-SB35-05
Laboratory Sample ID:		940250-15	940244-03	940244-04	940246-30	940246-31	940246-33
Date Sampled:		3/26/94	3/25/94	3/25/94	3/28/94	3/28/94	3/27/94
Percent Solids		74.3	89.6	84.1	90.2	76.1	83.2
	UNITS						
Aluminum	MG/KG	7950	2220 J	6330 J	3370 J	2830 J	5810 J
Antimony	MG/KG	8.4 UJ	5.9 UJ	7.7 UJ	6.4 UJ	8.0 UJ	6.8 UJ
Arsenic	MG/KG	3.8 UJ	0.52 U	2.4	0.56 U	2.4	5.2
Barium	MG/KG	10.3	5.3	9.7	4.2	7.6	12.4
Beryllium	MG/KG	0.25 U	0.17 U	0.23 U	0.19 U	0.23 U	0.20 U
Cadmium	MG/KG	1.10	0.52 U	0.68 U	0.56 U	0.70 U	0.60 U
Calcium	MG/KG	28 U	199 J	301 J	28.3 UJ	21.1 UJ	107 J
Chromium	MG/KG	13.9	2.7 J	17.0	4.6 J	8.8 J	21.2 J
Cobalt	MG/KG	0.99 U	0.69 U	0.91 U	0.75 U	0.94 U	0.80 U
Copper	MG/KG	2.2	1.0 R	1.8 J	1.1 R	1.6 J	1.8 J
Iron	MG/KG	7930	949 J	10900 J	456 J	2290 J	8550 J
Lead	MG/KG	7.1	2.7 J	5.4 J	2.1 J	4.6 J	5.7 J
Magnesium	MG/KG	414	60.8 J	435 J	96.0 J	234 J	382 J
Manganese	MG/KG	4.3 J	1.5 J	4.0 J	2.1 J	2.2 J	4.4 J
Mercury	MG/KG	0.05 U	0.05 U	0.05 U	0.05 U	0.07 U	0.05
Nickel	MG/KG	3.5	1.2 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.4 UJ
Potassium	MG/KG	708 J	95.2 J	431 J	137 J	229 J	327 J
Selenium	MG/KG	0.99 U	0.69 UJ	0.91 UJ	0.75 UJ	0.94 UJ	0.80 UJ
Silver	MG/KG	1.20 UJ	0.87 UJ	1.1 UJ	0.94 UJ	1.2 UJ	1.0 UJ
Sodium	MG/KG	50.2 U	17.9 U	49.1 U	28.2 U	43.2 U	132 U
Thallium	MG/KG	0.99 U	0.69 U	0.91 U	0.75 U	0.94 U	0.80 U
Vanadium	MG/KG	18.4	3.2	19.9	4.0	8.4	22.9
Zinc	MG/KG	3.6 J	1.3 J	3.8 J	0.99 UJ	2.7 UJ	3.7 UJ

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-E-SB36-04	28-GW01-01	28-GW01DW-01	28-GW05-04	28-GW06-04	28-GW06-08
Laboratory Sample ID:		940244-08	940320-14	940320-21	940281-06	940289-02	940289-03
Date Sampled:		3/26/94	4/20/94	4/21/94	4/7/94	4/7/94	4/7/94
Percent Solids		82.0	86.0	91.0	79.0	74.0	77.0
	UNITS						
Aluminum	MG/KG	2710 J	4610	2720	6900	7660	4330
Antimony	MG/KG	9.0 UJ	7.5 UJ	6.9 UJ	7.9 UJ	7.8	9.0 U
Arsenic	MG/KG	0.91	3.3	2.4	5.8	1.3	1.8
Barium	MG/KG	9.6	60.8	52.4	9.3	8.1	9.4
Beryllium	MG/KG	0.26 U	0.24	0.20 U	0.23 U	0.20 U	0.27 U
Cadmium	MG/KG	0.79 U	1.1	1.2	0.70 U	0.61 U	0.80 U
Calcium	MG/KG	1490 J	78700 J	155000 J	79.1	396	58.8
Chromium	MG/KG	4.9 J	12.0	9.6	19.6	14.3	12.9
Cobalt	MG/KG	1.1 U	1.6	0.81 U	0.93 U	0.81 U	1.1 U
Copper	MG/KG	7.7 J	40.9	14.3	3.1	1.2 U	1.7
Iron	MG/KG	1750 J	10900	9370	8840	3320	1290
Lead	MG/KG	23.4 J	162	92.1	6.1 J	5.5	9.8
Magnesium	MG/KG	99.7 J	1960	1340	403	268	395
Manganese	MG/KG	10.8 J	188	88.3	4.9	3.0 J	6.0
Mercury	MG/KG	0.06 U	2.8	0.05 U	0.06 U	0.09 U	0.07 U
Nickel	MG/KG	1.9 J	10.9	6.4	3.5 U	1.4 UJ	1.9 UJ
Potassium	MG/KG	674 J	492 J	139 J	399	312 J	540 J
Selenium	MG/KG	1.1 UJ	0.88 UJ	0.81 UJ	0.93 U	0.81 U	1.1 U
Silver	MG/KG	1.3 UJ	1.1 UJ	1.0 UJ	1.2 UJ	1.0 UJ	1.3 UJ
Sodium	MG/KG	42.4 U	146	94.8 U	28.8	22.5 U	29.0 U
Thallium	MG/KG	1.1 U	0.88 U	0.81 U	0.93 U	0.81 UJ	1.1 UJ
Vanadium	MG/KG	6.1	40.6	4.5	21.7	9.5	18.1
Zinc	MG/KG	55.0 J	233	72.7	3.9	2.8 U	3.9 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-GW07-01	28-GW07DW-01	28-GW08-05
Laboratory Sample ID:		940289-05	940320-12	940289-25
Date Sampled:		4/8/94	4/18/94	4/9/94
Percent Solids		76.0	82.0	74.0
	UNITS			
Aluminum	MG/KG	3510	2320	9830
Antimony	MG/KG	11.7	7.9 UJ	17.5
Arsenic	MG/KG	1.8	1.3	3.6
Barium	MG/KG	29.9	13.5	32.1
Beryllium	MG/KG	0.18 U	0.23 U	0.36 U
Cadmium	MG/KG	2.0	0.70 U	3.4
Calcium	MG/KG	8600	1750 J	2360
Chromium	MG/KG	35.3	5.8	18.6
Cobalt	MG/KG	3.2	0.93 U	1.4 U
Copper	MG/KG	39.6	12.5	31.3
Iron	MG/KG	9880	4140	13200
Lead	MG/KG	105	27.2	122
Magnesium	MG/KG	8190	107	631
Manganese	MG/KG	131	156	69.8
Mercury	MG/KG	0.23 U	0.05 U	0.09 U
Nickel	MG/KG	48.6	1.6 U	14.5 J
Potassium	MG/KG	159 J	131 J	950 J
Selenium	MG/KG	0.70 U	0.93 UJ	1.4 U
Silver	MG/KG	0.88 UJ	1.2 UJ	1.8 UJ
Sodium	MG/KG	47.1 U	48.1 U	175
Thallium	MG/KG	0.70 UJ	0.93 U	1.4 U
Vanadium	MG/KG	8.8	4.2	20.5
Zinc	MG/KG	271	75.4	160

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Percent Solids							
	UNITS						
Aluminum	MG/KG	NA	NA	688 J	20700 J	28-W-SB18-01	51/51
Antimony	MG/KG	5.6 UJ	12.3 UJ	5.9 J	46.7 J	28-W-SB09-07	22/51
Arsenic	MG/KG	0.49 U	3.8 UJ	0.69	25.1	28-W-SB06-05	41/51
Barium	MG/KG	NA	NA	3	269	28-W-SB18-01	51/51
Beryllium	MG/KG	0.16 U	0.36 U	0.24	1.1	28-W-SB13-06	4/51
Cadmium	MG/KG	0.49 U	0.86 U	0.77	15.6	28-W-SB18-01	22/51
Calcium	MG/KG	21.1 UJ	31.7 U	51.3 J	155000 J	28-GW01DW-01	47/51
Chromium	MG/KG	1.3 UJ	1.3 UJ	2 J	128	28-W-SB18-01	50/51
Cobalt	MG/KG	0.66 U	1.4 U	0.9	15.4	28-W-SB06-05	18/51
Copper	MG/KG	1.2 U	1.4 U	0.98 R	3280 J	28-W-SB09-07	49/51
Iron	MG/KG	NA	NA	456 J	154000 J	28-W-SB12-05	51/51
Lead	MG/KG	1.3 UJ	1.6 UJ	1.9 J	2060 J	28-W-SB10-06	49/51
Magnesium	MG/KG	NA	NA	31.4 J	8190	28-GW07-01	51/51
Manganese	MG/KG	NA	NA	1.5 J	3340 J	28-W-SB08-04	51/51
Mercury	MG/KG	0.04 U	0.23 U	0.05	2.8	28-GW01-01	15/51
Nickel	MG/KG	1.1 U	6.5 U	1.6	102 J	28-W-SB06-05	23/51
Potassium	MG/KG	38.2 U	38.2 U	54.5 J	4200 J	28-W-SB13-06	50/51
Selenium	MG/KG	0.62 UJ	8.5 U	6 J	6 J	28-W-SB13-06	1/51
Silver	MG/KG	0.82 UJ	1.8 UJ	1.1 J	18.4 J	28-W-SB13-06	13/51
Sodium	MG/KG	15.6 U	132 U	28.8	1220	28-W-SB13-06	16/51
Thallium	MG/KG	0.62 U	1.4 U	1	1	28-W-SB17-05	1/51
Vanadium	MG/KG	NA	NA	0.98	90.7	28-W-SB13-06	51/51
Zinc	MG/KG	0.99 UJ	3.9 U	0.95 J	4330 J	28-W-SB08-04	43/51

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01-01	28-GW01DW-01	28-GW02-01	28-GW03-01	28-GW04-01	28-GW05-01
Laboratory Sample ID:		940341-28	940389-04	940320-22	940320-24	940320-26	940334-34
Date Sampled:		4/25/94	5/7/94	4/20/94	4/21/94	4/20/94	4/23/94
VOLATILES							
Chloromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Vinyl chloride	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Chloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethene(total)	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Chloroform	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1,1-Trichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Carbon tetrachloride	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Bromodichloromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloropropane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,3-Dichloropropene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Trichloroethene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Dibromochloromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2-Trichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Benzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,3-Dichloropropene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
2-Chloroethylvinylether	UG/L	2 U	2 R	2 U	2 U	2 U	2 U
Bromoform	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Tetrachloroethene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Toluene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Chlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Xylene (total)	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dichlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Trichlorofluoromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01-01	28-GW01DW-01	28-GW02-01	28-GW03-01	28-GW04-01	28-GW05-01
Laboratory Sample ID:		940341-28	940389-04	940320-22	940320-24	940320-26	940334-34
Date Sampled:		4/25/94	5/7/94	4/20/94	4/21/94	4/20/94	4/23/94
SEMIVOLATILES							
Phenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl) ether	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy) methane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	UG/L	25 R	25 U	25 U	25 U	25 U	25 U
2-Chloronaphthalene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
Dimethyl phthalate	UG/L	1 J	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
Acenaphthene	UG/L	10 U	10 U	1 J	10 U	10 U	10 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01-01	28-GW01DW-01	28-GW02-01	28-GW03-01	28-GW04-01	28-GW05-01
Laboratory Sample ID:		940341-28	940389-04	940320-22	940320-24	940320-26	940334-34
Date Sampled:		4/25/94	5/7/94	4/20/94	4/21/94	4/20/94	4/23/94
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	25 R	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	UG/L	25 R	25 U	25 U	25 U	25 U	25 UJ
Dibenzofuran	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	UG/L	10 U	10 U	10 U	10 U	10 U	10 UJ
4-Chlorophenyl phenyl ether	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Fluorene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	UG/L	25 R	25 U	25 U	25 U	25 U	25 U
N-nitrosodiphenylamine	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	UG/L	10 R	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	UG/L	25 R	25 U	25 U	25 U	25 U	25 U
Phenanthrene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
di-n-Butylphthalate	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	UG/L	10 U	10 U	10 U	10 U	10 U	10 UJ
Benzo[a]anthracene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	10 U	10 U	10 U	10 U	10 U	1 J
di-n-Octylphthalate	UG/L	10 UJ	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	UG/L	10 UJ	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	UG/L	10 UJ	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	UG/L	10 UJ	10 U	10 U	10 U	10 U	10 U
Indeno[1,2,3-cd]pyrene	UG/L	10 UJ	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	UG/L	10 UJ	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	UG/L	10 UJ	10 U	10 U	10 U	10 U	10 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01-01	28-GW01DW-01	28-GW02-01	28-GW03-01	28-GW04-01	28-GW05-01
Laboratory Sample ID:		940341-28	940389-04	940320-22	940320-24	940320-26	940334-34
Date Sampled:		4/25/94	5/7/94	4/20/94	4/21/94	4/20/94	4/23/94
PESTICIDES/PCBs							
alpha-BHC	UG/L	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
beta-BHC	UG/L	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
delta-BHC	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Lindane (gamma-BHC)	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Heptachlor	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Aldrin	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Heptachlor epoxide	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Endosulfan I	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Dieldrin	UG/L	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ
4,4'-DDE	UG/L	0.06 J	0.10 UJ	0.14 J	0.10 UJ	0.10 UJ	0.10 UJ
Endrin	UG/L	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ
Endosulfan II	UG/L	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ
4,4'-DDD	UG/L	0.06 J	0.10 UJ	0.22 J	0.10 UJ	0.10 UJ	0.10 UJ
Endosulfan sulfate	UG/L	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ
4,4'-DDT	UG/L	0.05 J	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ
Methoxychlor	UG/L	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ
Endrin ketone	UG/L	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ
Endrin aldehyde	UG/L	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ
alpha-Chlordane	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
gamma-Chlordane	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Toxaphene	UG/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Aroclor 1016	UG/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor 1221	UG/L	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Aroclor 1232	UG/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor 1242	UG/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor 1248	UG/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor 1254	UG/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor 1260	UG/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-01	28-GW07-01	28-GW07DW-01	28-GW08-01	28-GW09DW-01	28-MW13-01
Laboratory Sample ID:		940334-01	940334-03	940389-15	940334-07	940341-30	940320-28
Date Sampled:		4/21/94	4/21/94	5/8/94	4/21/94	4/25/94	4/21/94
VOLATILES							
Chloromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Vinyl chloride	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Chloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethene(total)	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Chloroform	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1,1-Trichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Carbon tetrachloride	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Bromodichloromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloropropane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,3-Dichloropropene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Trichloroethene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Dibromochloromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2-Trichloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Benzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,3-Dichloropropene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
2-Chloroethylvinylether	UG/L	2 U	2 U	2 R	2 U	2 U	2 U
Bromoform	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Tetrachloroethene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Toluene	UG/L	2 U	3	2 U	2 U	2 U	2 U
Chlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Xylene (total)	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dichlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Trichlorofluoromethane	UG/L	2 U	2 U	2 U	2 U	2 U	2 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-01	28-GW07-01	28-GW07DW-01	28-GW08-01	28-GW09DW-01	28-MW13-01
Laboratory Sample ID:		940334-01	940334-03	940389-15	940334-07	940341-30	940320-28
Date Sampled:		4/21/94	4/21/94	5/8/94	4/21/94	4/25/94	4/21/94
SEMIVOLATILES							
Phenol	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl) ether	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	UG/L	10 U	1 J	10 U	10 U	10 U	10 U
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	UG/L	10 U	29	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	UG/L	10 U	2 J	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy) methane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
2-Chloronaphthalene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
Dimethyl phthalate	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
Acenaphthene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-01	28-GW07-01	28-GW07DW-01	28-GW08-01	28-GW09DW-01	28-MW13-01
Laboratory Sample ID:		940334-01	940334-03	940389-15	940334-07	940341-30	940320-28
Date Sampled:		4/21/94	4/21/94	5/8/94	4/21/94	4/25/94	4/21/94
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
Dibenzofuran	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
N-nitrosodiphenylamine	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	UG/L	25 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
di-n-Butylphthalate	UG/L	1 J	10 U	10 U	10 U	10 U	10 U
Fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	UG/L	10 U	10 U	10 UJ	10 U	10 U	10 U
3,3'-Dichlorobenzidine	UG/L	10 U	10 UJ	10 U	10 U	10 U	10 U
Benzo[a]anthracene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	10 U	17	10 UJ	10 U	10 U	1 J
di-n-Octylphthalate	UG/L	10 U	10 U	10 UJ	10 U	10 U	10 U
Benzo[b]fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Indeno[1,2,3-cd]pyrene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-01	28-GW07-01	28-GW07DW-01	28-GW08-01	28-GW09DW-01	28-MW13-01
Laboratory Sample ID:		940334-01	940334-03	940389-15	940334-07	940341-30	940320-28
Date Sampled:		4/21/94	4/21/94	5/8/94	4/21/94	4/25/94	4/21/94
PESTICIDES/PCBs							
alpha-BHC	UG/L	0.05 UJ	0.50 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
beta-BHC	UG/L	0.05 UJ	0.50 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
delta-BHC	UG/L	0.05 UJ	0.50 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Lindane (gamma-BHC)	UG/L	0.05 UJ	0.50 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Heptachlor	UG/L	0.05 UJ	0.50 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Aldrin	UG/L	0.05 UJ	0.50 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Heptachlor epoxide	UG/L	0.05 UJ	0.50 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Endosulfan I	UG/L	0.05 UJ	0.50 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Dieldrin	UG/L	0.10 UJ	1.0 U	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ
4,4'-DDE	UG/L	0.10 UJ	0.67 J	0.10 UJ	0.23 J	0.10 UJ	0.10 UJ
Endrin	UG/L	0.10 UJ	1.0 U	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ
Endosulfan II	UG/L	0.10 UJ	1.0 U	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ
4,4'-DDD	UG/L	0.10 UJ	9.0	0.10 UJ	0.10 J	0.10 UJ	0.34 J
Endosulfan sulfate	UG/L	0.10 UJ	1.0 U	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ
4,4'-DDT	UG/L	0.10 UJ	1.0 U	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ
Methoxychlor	UG/L	0.50 UJ	5.0 U	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ
Endrin ketone	UG/L	0.10 UJ	1.0 U	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ
Endrin aldehyde	UG/L	0.10 UJ	1.0 U	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ
alpha-Chlordane	UG/L	0.05 UJ	0.50 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
gamma-Chlordane	UG/L	0.05 UJ	0.50 U	0.05 UJ	0.049 J	0.05 UJ	0.05 UJ
Toxaphene	UG/L	5.0 UJ	50 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Aroclor 1016	UG/L	1.0 UJ	10 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor 1221	UG/L	2.0 UJ	20 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Aroclor 1232	UG/L	1.0 UJ	10 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor 1242	UG/L	1.0 UJ	10 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor 1248	UG/L	1.0 UJ	10 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor 1254	UG/L	1.0 UJ	10 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor 1260	UG/L	1.0 UJ	10 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-TGWPA01
Laboratory Sample ID:	940320-18
Date Sampled:	4/20/94

VOLATILES		
Chloromethane	UG/L	2 U
Bromomethane	UG/L	2 U
Vinyl chloride	UG/L	2 U
Chloroethane	UG/L	2 U
Methylene chloride	UG/L	2 U
1,1-Dichloroethene	UG/L	2 U
1,1-Dichloroethane	UG/L	2 U
1,2-Dichloroethene(total)	UG/L	2 U
Chloroform	UG/L	2
1,2-Dichloroethane	UG/L	2 U
1,1,1-Trichloroethane	UG/L	2 U
Carbon tetrachloride	UG/L	2 U
Bromodichloromethane	UG/L	2 U
1,2-Dichloropropane	UG/L	2 U
cis-1,3-Dichloropropene	UG/L	2 U
Trichloroethene	UG/L	2 U
Dibromochloromethane	UG/L	2 U
1,1,2-Trichloroethane	UG/L	2 U
Benzene	UG/L	2 U
trans-1,3-Dichloropropene	UG/L	2 U
2-Chloroethylvinylether	UG/L	2 U
Bromoform	UG/L	2 U
Tetrachloroethene	UG/L	2 U
1,1,2,2-Tetrachloroethane	UG/L	2 U
Toluene	UG/L	2
Chlorobenzene	UG/L	2 U
Ethylbenzene	UG/L	5
Xylene (total)	UG/L	19
1,3-Dichlorobenzene	UG/L	2 U
1,4-Dichlorobenzene	UG/L	2 U
1,2-Dichlorobenzene	UG/L	2 U
Trichlorofluoromethane	UG/L	2 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-TGWPA01
Laboratory Sample ID:		940320-18
Date Sampled:		4/20/94
SEMIVOLATILES		
Phenol	UG/L	10 U
bis(2-Chloroethyl) ether	UG/L	10 U
2-Chlorophenol	UG/L	10 U
1,3-Dichlorobenzene	UG/L	10 U
1,4-Dichlorobenzene	UG/L	10 U
1,2-Dichlorobenzene	UG/L	10 U
2-Methylphenol	UG/L	10 U
2,2'-oxybis-(1-chloropropane)	UG/L	10 U
4-Methylphenol	UG/L	10 U
N-Nitroso-di-n-propylamine	UG/L	10 U
Hexachloroethane	UG/L	10 U
Nitrobenzene	UG/L	10 U
Isophorone	UG/L	10 U
2-Nitrophenol	UG/L	10 U
2,4-Dimethylphenol	UG/L	4 J
bis(2-Chloroethoxy) methane	UG/L	10 U
2,4-Dichlorophenol	UG/L	2 J
1,2,4-Trichlorobenzene	UG/L	10 U
Naphthalene	UG/L	99
4-Chloroaniline	UG/L	10 U
Hexachlorobutadiene	UG/L	10 U
4-Chloro-3-methylphenol	UG/L	10 U
2-Methylnaphthalene	UG/L	33
Hexachlorocyclopentadiene	UG/L	10 U
2,4,6-Trichlorophenol	UG/L	10 U
2,4,5-Trichlorophenol	UG/L	25 U
2-Chloronaphthalene	UG/L	10 U
2-Nitroaniline	UG/L	25 U
Dimethyl phthalate	UG/L	10 U
Acenaphthylene	UG/L	10 U
2,6-Dinitrotoluene	UG/L	10 U
3-Nitroaniline	UG/L	25 U
Acenaphthene	UG/L	31

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-TGWPA01
Laboratory Sample ID:		940320-18
Date Sampled:		4/20/94
SEMIVOLATILES Cont.		
2,4-Dinitrophenol	UG/L	25 U
4-Nitrophenol	UG/L	25 U
Dibenzofuran	UG/L	12
2,4-Dinitrotoluene	UG/L	10 U
Diethylphthalate	UG/L	10 U
4-Chlorophenyl phenyl ether	UG/L	10 U
Fluorene	UG/L	18
4-Nitroaniline	UG/L	25 U
4,6-Dinitro-2-methylphenol	UG/L	25 U
N-nitrosodiphenylamine	UG/L	10 U
4-Bromophenyl-phenylether	UG/L	10 U
Hexachlorobenzene	UG/L	10 U
Pentachlorophenol	UG/L	25 U
Phenanthrene	UG/L	14
Anthracene	UG/L	3 J
Carbazole	UG/L	11
di-n-Butylphthalate	UG/L	10 U
Fluoranthene	UG/L	2 J
Pyrene	UG/L	1 J
Butyl benzyl phthalate	UG/L	10 U
3,3'-Dichlorobenzidine	UG/L	10 U
Benzo[a]anthracene	UG/L	10 U
Chrysene	UG/L	10 U
bis(2-Ethylhexyl)phthalate	UG/L	1 J
di-n-Octylphthalate	UG/L	10 U
Benzo[b]fluoranthene	UG/L	10 U
Benzo[k]fluoranthene	UG/L	10 U
Benzo[a]pyrene	UG/L	10 U
Indeno[1,2,3-cd]pyrene	UG/L	10 U
Dibenz[a,h]anthracene	UG/L	10 U
Benzo[g,h,i]perylene	UG/L	10 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-TGWPA01
Laboratory Sample ID:	940320-18
Date Sampled:	4/20/94

PESTICIDES/PCBs		
alpha-BHC	UG/L	0.05 UJ
beta-BHC	UG/L	0.05 UJ
delta-BHC	UG/L	0.05 UJ
Lindane (gamma-BHC)	UG/L	0.05 UJ
Heptachlor	UG/L	0.05 UJ
Aldrin	UG/L	0.05 UJ
Heptachlor epoxide	UG/L	0.05 UJ
Endosulfan I	UG/L	0.11 UJ
Dieldrin	UG/L	0.10 UJ
4,4'-DDE	UG/L	6.6 J
Endrin	UG/L	0.10 UJ
Endosulfan II	UG/L	0.10 UJ
4,4'-DDD	UG/L	4.6 J
Endosulfan sulfate	UG/L	0.10 UJ
4,4'-DDT	UG/L	0.37 J
Methoxychlor	UG/L	0.50 UJ
Endrin ketone	UG/L	0.10 UJ
Endrin aldehyde	UG/L	0.10 UJ
alpha-Chlordane	UG/L	0.05 UJ
gamma-Chlordane	UG/L	0.05 UJ
Toxaphene	UG/L	5.0 UJ
Aroclor 1016	UG/L	1.0 UJ
Aroclor 1221	UG/L	2.0 UJ
Aroclor 1232	UG/L	1.0 UJ
Aroclor 1242	UG/L	1.0 UJ
Aroclor 1248	UG/L	1.0 UJ
Aroclor 1254	UG/L	1.0 UJ
Aroclor 1260	UG/L	1.0 UJ

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/L	2 U	2 U	ND	ND		0/13
Bromomethane	UG/L	2 U	2 U	ND	ND		0/13
Vinyl chloride	UG/L	2 U	2 U	ND	ND		0/13
Chloroethane	UG/L	2 U	2 U	ND	ND		0/13
Methylene chloride	UG/L	2 U	2 U	ND	ND		0/13
1,1-Dichloroethene	UG/L	2 U	2 U	ND	ND		0/13
1,1-Dichloroethane	UG/L	2 U	2 U	ND	ND		0/13
1,2-Dichloroethene(total)	UG/L	2 U	2 U	ND	ND		0/13
Chloroform	UG/L	2 U	2 U	2	2	28-TGWPA01	1/13
1,2-Dichloroethane	UG/L	2 U	2 U	ND	ND		0/13
1,1,1-Trichloroethane	UG/L	2 U	2 U	ND	ND		0/13
Carbon tetrachloride	UG/L	2 U	2 U	ND	ND		0/13
Bromodichloromethane	UG/L	2 U	2 U	ND	ND		0/13
1,2-Dichloropropane	UG/L	2 U	2 U	ND	ND		0/13
cis-1,3-Dichloropropene	UG/L	2 U	2 U	ND	ND		0/13
Trichloroethene	UG/L	2 U	2 U	ND	ND		0/13
Dibromochloromethane	UG/L	2 U	2 U	ND	ND		0/13
1,1,2-Trichloroethane	UG/L	2 U	2 U	ND	ND		0/13
Benzene	UG/L	2 U	2 U	ND	ND		0/13
trans-1,3-Dichloropropene	UG/L	2 U	2 U	ND	ND		0/13
2-Chloroethylvinylether	UG/L	2 U	2 U	2 R	2 R	28-GW07DW-01	2/13
Bromoform	UG/L	2 U	2 U	ND	ND		0/13
Tetrachloroethene	UG/L	2 U	2 U	ND	ND		0/13
1,1,2,2-Tetrachloroethane	UG/L	2 U	2 U	ND	ND		0/13
Toluene	UG/L	2 U	2 U	2	3	28-GW07-01	2/13
Chlorobenzene	UG/L	2 U	2 U	ND	ND		0/13
Ethylbenzene	UG/L	2 U	2 U	5	5	28-TGWPA01	1/13
Xylene (total)	UG/L	2 U	2 U	19	19	28-TGWPA01	1/13
1,3-Dichlorobenzene	UG/L	2 U	2 U	ND	ND		0/13
1,4-Dichlorobenzene	UG/L	2 U	2 U	ND	ND		0/13
1,2-Dichlorobenzene	UG/L	2 U	2 U	ND	ND		0/13
Trichlorofluoromethane	UG/L	2 U	2 U	ND	ND		0/13

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/L	10 U	10 U	10 R	10 R	28-GW01-01	1/13
bis(2-Chloroethyl) ether	UG/L	10 U	10 U	10 R	10 R	28-GW01-01	1/13
2-Chlorophenol	UG/L	10 U	10 U	10 R	10 R	28-GW01-01	1/13
1,3-Dichlorobenzene	UG/L	10 U	10 U	ND	ND		0/13
1,4-Dichlorobenzene	UG/L	10 U	10 U	ND	ND		0/13
1,2-Dichlorobenzene	UG/L	10 U	10 U	ND	ND		0/13
2-Methylphenol	UG/L	10 U	10 U	1.3 J	10 R	28-GW01-01	2/13
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	10 U	ND	ND		0/13
4-Methylphenol	UG/L	10 U	10 U	10 R	29	28-GW07-01	2/13
N-Nitroso-di-n-propylamine	UG/L	10 U	10 U	10 R	10 R	28-GW01-01	1/13
Hexachloroethane	UG/L	10 U	10 U	ND	ND		0/13
Nitrobenzene	UG/L	10 U	10 U	ND	ND		0/13
Isophorone	UG/L	10 U	10 U	ND	ND		0/13
2-Nitrophenol	UG/L	10 U	10 U	10 R	10 R	28-GW01-01	1/13
2,4-Dimethylphenol	UG/L	10 U	10 U	2.2 J	10 R	28-GW01-01	3/13
bis(2-Chloroethoxy) methane	UG/L	10 U	10 U	ND	ND		0/13
2,4-Dichlorophenol	UG/L	10 U	10 U	1.6 J	10 R	28-GW01-01	2/13
1,2,4-Trichlorobenzene	UG/L	10 U	10 U	ND	ND		0/13
Naphthalene	UG/L	10 U	10 U	99	99	28-TGWPA01	1/13
4-Chloroaniline	UG/L	10 U	10 U	ND	ND		0/13
Hexachlorobutadiene	UG/L	10 U	10 U	ND	ND		0/13
4-Chloro-3-methylphenol	UG/L	10 U	10 U	10 R	10 R	28-GW01-01	1/13
2-Methylnaphthalene	UG/L	10 U	10 U	33	33	28-TGWPA01	1/13
Hexachlorocyclopentadiene	UG/L	10 U	10 U	ND	ND		0/13
2,4,6-Trichlorophenol	UG/L	10 U	10 U	10 R	10 R	28-GW01-01	1/13
2,4,5-Trichlorophenol	UG/L	25 U	25 U	25 R	25 R	28-GW01-01	1/13
2-Chloronaphthalene	UG/L	10 U	10 U	ND	ND		0/13
2-Nitroaniline	UG/L	25 U	25 U	ND	ND		0/13
Dimethyl phthalate	UG/L	10 U	10 U	1.4 J	1.4 J	28-GW01-01	1/13
Acenaphthylene	UG/L	10 U	10 U	ND	ND		0/13
2,6-Dinitrotoluene	UG/L	10 U	10 U	ND	ND		0/13
3-Nitroaniline	UG/L	25 U	25 U	ND	ND		0/13
Acenaphthene	UG/L	10 U	10 U	1.3 J	31	28-TGWPA01	2/13

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	25 U	25 U	25 R	25 R	28-GW01-01	1/13
4-Nitrophenol	UG/L	25 U	25 U	25 R	25 R	28-GW01-01	1/13
Dibenzofuran	UG/L	10 U	10 U	12	12	28-TGWPA01	1/13
2,4-Dinitrotoluene	UG/L	10 U	10 U	ND	ND		0/13
Diethylphthalate	UG/L	10 U	10 U	ND	ND		0/13
4-Chlorophenyl phenyl ether	UG/L	10 U	10 U	10 R	10 R	28-GW01-01	1/13
Fluorene	UG/L	10 U	10 U	18	18	28-TGWPA01	1/13
4-Nitroaniline	UG/L	25 U	25 U	ND	ND		0/13
4,6-Dinitro-2-methylphenol	UG/L	25 U	25 U	25 R	25 R	28-GW01-01	1/13
N-nitrosodiphenylamine	UG/L	10 U	10 U	10 R	10 R	28-GW01-01	1/13
4-Bromophenyl-phenylether	UG/L	10 U	10 U	10 R	10 R	28-GW01-01	1/13
Hexachlorobenzene	UG/L	10 U	10 U	ND	ND		0/13
Pentachlorophenol	UG/L	25 U	25 U	25 R	25 R	28-GW01-01	1/13
Phenanthrene	UG/L	10 U	10 U	14	14	28-TGWPA01	1/13
Anthracene	UG/L	10 U	10 U	2.6 J	2.6 J	28-TGWPA01	1/13
Carbazole	UG/L	10 U	10 U	11	11	28-TGWPA01	1/13
di-n-Butylphthalate	UG/L	10 U	10 U	1 J	1 J	28-GW06-01	1/13
Fluoranthene	UG/L	10 U	10 U	1.7 J	1.7 J	28-TGWPA01	1/13
Pyrene	UG/L	10 U	10 U	1 J	1 J	28-TGWPA01	1/13
Butyl benzyl phthalate	UG/L	10 U	10 U	ND	ND		0/13
3,3'-Dichlorobenzidine	UG/L	10 U	10 U	ND	ND		0/13
Benzo[a]anthracene	UG/L	10 U	10 U	ND	ND		0/13
Chrysene	UG/L	10 U	10 U	ND	ND		0/13
bis(2-Ethylhexyl)phthalate	UG/L	10 U	10 U	1.3 J	17	28-GW07-01	4/13
di-n-Octylphthalate	UG/L	10 UJ	10 UJ	ND	ND		0/13
Benzo[b]fluoranthene	UG/L	10 UJ	10 UJ	ND	ND		0/13
Benzo[k]fluoranthene	UG/L	10 UJ	10 UJ	ND	ND		0/13
Benzo[a]pyrene	UG/L	10 UJ	10 UJ	ND	ND		0/13
Indeno[1,2,3-cd]pyrene	UG/L	10 UJ	10 UJ	ND	ND		0/13
Dibenz[a,h]anthracene	UG/L	10 UJ	10 UJ	ND	ND		0/13
Benzo[g,h,i]perylene	UG/L	10 UJ	10 UJ	ND	ND		0/13

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
PESTICIDES/PCBs							
alpha-BHC	UG/L	0.05 UJ	0.5 U	ND	ND		0/13
beta-BHC	UG/L	0.05 UJ	0.5 U	ND	ND		0/13
delta-BHC	UG/L	0.05 UJ	0.5 U	ND	ND		0/13
Lindane (gamma-BHC)	UG/L	0.05 UJ	0.5 U	ND	ND		0/13
Heptachlor	UG/L	0.05 UJ	0.5 U	ND	ND		0/13
Aldrin	UG/L	0.05 UJ	0.5 U	ND	ND		0/13
Heptachlor epoxide	UG/L	0.05 UJ	0.5 U	ND	ND		0/13
Endosulfan I	UG/L	0.05 UJ	0.5 U	ND	ND		0/13
Dieldrin	UG/L	0.1 UJ	1 U	ND	ND		0/13
4,4'-DDE	UG/L	0.1 UJ	0.1 UJ	0.06 J	6.6 J	28-TGWPA01	5/13
Endrin	UG/L	0.1 UJ	1 U	ND	ND		0/13
Endosulfan II	UG/L	0.1 UJ	1 U	ND	ND		0/13
4,4'-DDD	UG/L	0.1 UJ	0.1 UJ	0.06 J	9	28-GW07-01	6/13
Endosulfan sulfate	UG/L	0.1 UJ	1 U	ND	ND		0/13
4,4'-DDT	UG/L	0.1 UJ	1 U	0.05 J	0.37 J	28-TGWPA01	2/13
Methoxychlor	UG/L	0.5 UJ	5 U	ND	ND		0/13
Endrin ketone	UG/L	0.1 UJ	1 U	ND	ND		0/13
Endrin aldehyde	UG/L	0.1 UJ	1 U	ND	ND		0/13
alpha-Chlordane	UG/L	0.05 UJ	0.5 U	ND	ND		0/13
gamma-Chlordane	UG/L	0.05 UJ	0.5 U	0.049 J	0.049 J	28-GW08-01	1/13
Toxaphene	UG/L	5 UJ	50 U	ND	ND		0/13
Aroclor 1016	UG/L	1 UJ	10 U	ND	ND		0/13
Aroclor 1221	UG/L	2 UJ	20 U	ND	ND		0/13
Aroclor 1232	UG/L	1 UJ	10 U	ND	ND		0/13
Aroclor 1242	UG/L	1 UJ	10 U	ND	ND		0/13
Aroclor 1248	UG/L	1 UJ	10 U	ND	ND		0/13
Aroclor 1254	UG/L	1 UJ	10 U	ND	ND		0/13
Aroclor 1260	UG/L	1 UJ	10 U	ND	ND		0/13

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-GW01-01	28-GW01DW-01	28-GW02-01	28-GW03-01	28-GW04-01	28-GW05-01
Laboratory Sample ID:		940341-28	940389-04	940320-22	940320-24	940320-26	940334-34
Date Sampled:		4/25/94	5/7/94	4/20/94	4/21/94	4/20/94	4/23/94
	UNITS						
Aluminum	UG/L	95900 J	253	33.0 U	37100	50800	100000 J
Antimony	UG/L	34.0 UJ	34.0 U	42.7	34.0 U	34.0 U	34.0 UJ
Arsenic	UG/L	15.8	5.2	10.3	15.6	13.9	13.2
Barium	UG/L	183	29.1	7.0 U	248	503	220
Beryllium	UG/L	1.9	1.0 U	1.0 U	1.1	9.6	1.0 U
Cadmium	UG/L	9.6	3.0 UJ	5.2	3.5	8.1	7.4
Calcium	UG/L	75700	96200	7.0 U	17400	178000	16100
Chromium	UG/L	172 J	7.0 UJ	7.0 UJ	90.9 J	196 J	122 J
Cobalt	UG/L	8.6	5.2 U	4.0 U	4.0 U	28.4	4.0 UJ
Copper	UG/L	35.4	6.0 U	6.0 U	14.3 U	23.0 U	20.3
Iron	UG/L	87800	417	5.0 U	35800	37400	91800 J
Lead	UG/L	114	1.5	449	27.7	21.2	95.5 J
Magnesium	UG/L	22500	13600	27.0 U	3830	8990	7790
Manganese	UG/L	186	29.6	5.4 U	61.5	207	100
Mercury	UG/L	0.21	0.13 U	1.7 J	0.13 U	0.17 J	0.37
Nickel	UG/L	7.0 UJ	10.4	7.0 U	12.9	86.5	15.8
Potassium	UG/L	16100 J	17100	176 U	3210	5470	4790 J
Selenium	UG/L	4.0 U	4.0 UJ	4.0 UJ	4.0 UJ	4.0 UJ	4.0 UJ
Silver	UG/L	5.0 UJ	5.0 UJ	5.0 UJ	8.7 UJ	5.0 UJ	6.4 J
Sodium	UG/L	14000	744000	302 U	10100	15000	13200
Thallium	UG/L	4.0 U	6.9 J	4.0 UJ	4.0 UJ	4.0 UJ	4.0 U
Vanadium	UG/L	190 J	3.0 U	3.0 U	83.6	107	105
Zinc	UG/L	129	14.9 U	3.0 U	34.2	251	72.2

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-GW06-01	28-GW07-01	28-GW07DW-01	28-GW08-01	28-GW09DW-01	28-MW13-01
Laboratory Sample ID:		940334-01	940334-03	940389-15	940334-07	940341-30	940320-28
Date Sampled:		4/21/94	4/21/94	5/8/94	4/21/94	4/25/94	4/21/94
	UNITS						
Aluminum	UG/L	81500	72800	225	11600	10600 J	21600
Antimony	UG/L	74.4	5340	34.0 U	34.0 U	56.1 UJ	34.0 U
Arsenic	UG/L	34.5	76.7	3.0 U	8.9	3.0 U	10.5
Barium	UG/L	1270	1980	13.7	433	75.8	142
Beryllium	UG/L	5.6	3.5	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	UG/L	3.3	35.4	3.0 UJ	4.8	3.0 U	3.2
Calcium	UG/L	17800	200000	27600	69400	175000	245000
Chromium	UG/L	188 J	308 J	7.0 UJ	43.2 J	44.4 J	33.2 J
Cobalt	UG/L	8.2	30.4	4.0 U	4.0 U	4.1	4.0 U
Copper	UG/L	12.2	2250	6.0 U	398	95.5	14.6 U
Iron	UG/L	46400	245000	30.1 U	29900	9320	44200
Lead	UG/L	70.8	4810	1.0 U	704	18.0	15.9
Magnesium	UG/L	9180	52900	498	37400	5380	12900
Manganese	UG/L	397	3330	1.5 U	1350	116	527
Mercury	UG/L	0.16 J	2.0 J	0.13 U	0.41 J	0.13 U	0.18 J
Nickel	UG/L	18.0	165	7.0 U	45.2	7.0 UJ	10.5
Potassium	UG/L	6370	63500	2100	60900	4830 J	6360
Selenium	UG/L	4.0 UJ	5.6 J	4.0 UJ	4.0 UJ	4.0 U	4.0 UJ
Silver	UG/L	5.0 UJ	37.9 J	5.0 UJ	5.4 J	5.0 UJ	7.1 UJ
Sodium	UG/L	6770	223000	11900	183000	27200	22600
Thallium	UG/L	4.0 UJ	4.0 UJ	4.0 UJ	4.0 UJ	4.0 U	4.0 UJ
Vanadium	UG/L	135	120	3.0 U	13.4	32.3 J	44.3
Zinc	UG/L	110	9220	3.0 U	1450	89.5	23.1

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:	28-TGWPA01
Laboratory Sample ID:	940320-18
Date Sampled:	4/20/94

	UNITS	
Aluminum	UG/L	21300
Antimony	UG/L	139
Arsenic	UG/L	23.9
Barium	UG/L	335
Beryllium	UG/L	1.0 U
Cadmium	UG/L	8.0
Calcium	UG/L	120000
Chromium	UG/L	83.6
Cobalt	UG/L	11.3
Copper	UG/L	386
Iron	UG/L	56500
Lead	UG/L	1210
Magnesium	UG/L	3020
Manganese	UG/L	704
Mercury	UG/L	1.5
Nickel	UG/L	48.1
Potassium	UG/L	43400
Selenium	UG/L	4.0 U
Silver	UG/L	17.4
Sodium	UG/L	144000
Thallium	UG/L	4.0 U
Vanadium	UG/L	27.9
Zinc	UG/L	2490

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
	UNITS						
Aluminum	UG/L	33 U	33 U	225	100000 J	28-GW05-01	12/13
Antimony	UG/L	34 UJ	56.1 UJ	42.7	5340	28-GW07-01	4/13
Arsenic	UG/L	3 U	3 U	5.2	76.7	28-GW07-01	11/13
Barium	UG/L	7 U	7 U	13.7	1980	28-GW07-01	12/13
Beryllium	UG/L	1 U	1 U	1.1	9.6	28-GW04-01	5/13
Cadmium	UG/L	3 UJ	3 UJ	3.2	35.4	28-GW07-01	10/13
Calcium	UG/L	7 U	7 U	16100	245000	28-MW13-01	12/13
Chromium	UG/L	7 UJ	7 UJ	33.2 J	308 J	28-GW07-01	10/13
Cobalt	UG/L	4 U	5.2 U	4.1	30.4	28-GW07-01	6/13
Copper	UG/L	6 U	23 U	12.2	2250	28-GW07-01	7/13
Iron	UG/L	5 U	30.1 U	417	245000	28-GW07-01	11/13
Lead	UG/L	1 U	1 U	1.5	4810	28-GW07-01	12/13
Magnesium	UG/L	27 U	27 U	498	52900	28-GW07-01	12/13
Manganese	UG/L	1.5 U	5.4 U	29.6	3330	28-GW07-01	11/13
Mercury	UG/L	0.13 U	0.13 U	0.16 J	2 J	28-GW07-01	9/13
Nickel	UG/L	7 UJ	7 UJ	10.4	165	28-GW07-01	9/13
Potassium	UG/L	176 U	176 U	2100	63500	28-GW07-01	12/13
Selenium	UG/L	4 U	4 U	5.6 J	5.6 J	28-GW07-01	1/13
Silver	UG/L	5 UJ	8.7 UJ	5.4 J	37.9 J	28-GW07-01	4/13
Sodium	UG/L	302 U	302 U	6770	744000	28-GW01DW-01	12/13
Thallium	UG/L	4 U	4 U	6.9 J	6.9 J	28-GW01DW-01	1/13
Vanadium	UG/L	3 U	3 U	13.4	190 J	28-GW01-01	10/13
Zinc	UG/L	3 U	14.9 U	23.1	9220	28-GW07-01	10/13

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:		28-GW01D-01	28-GW01DWD-01	28-GW02D-01	28-GW03D-01	28-GW04D-01	28-GW05D-01
Laboratory Sample ID:		940341-29	940389-06	940320-23	940320-25	940320-27	940334-35
Date Sampled:		4/24/94	5/7/94	4/20/94	4/21/94	4/20/94	4/23/94
	UNITS						
Aluminum	UG/L	33.4 J	33.0 U	33.0 U	33.0 U	33.0 U	46.0 UJ
Antimony	UG/L	62.9 UJ	34.0 U	34.0 U	34.0 U	34.0 U	34.5 J
Arsenic	UG/L	3.0 U	4.6	3.1	3.0 U	3.0 U	3.0 U
Barium	UG/L	21.5	23.8	423	7.0 U	24.8	43.0
Beryllium	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	UG/L	3.0 U	3.0 UJ	3.0 U	3.0 U	3.0 U	3.0 U
Calcium	UG/L	67700	90400	48700	8810	73200	12200
Chromium	UG/L	7.0 UJ	7.0 UJ	7.0 UJ	7.0 UJ	7.0 UJ	7.0 UJ
Cobalt	UG/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 UJ
Copper	UG/L	6.0 U	6.0 U	6.3 U	7.1 U	6.0 U	6.0 U
Iron	UG/L	5760	23.4 U	66.8 U	2160	46.2 U	30200 J
Lead	UG/L	1.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Magnesium	UG/L	16100	13900	23800	1160	2920	4430
Manganese	UG/L	91.7	31.0	136	20.2	53.2	39.3
Mercury	UG/L	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Nickel	UG/L	7.0 UJ	7.1	9.5	7.0 U	7.0 U	7.0 U
Potassium	UG/L	12100 J	17300	41700	906 UJ	1070	1730 J
Selenium	UG/L	4.0 U	4.0 UJ	4.0 UJ	4.0 UJ	4.0 UJ	4.0 UJ
Silver	UG/L	5.0 UJ	5.0 UJ	5.6 UJ	7.8	5.0 UJ	5.0 UJ
Sodium	UG/L	14500	778000	71800	8090	12900	16900
Thallium	UG/L	4.0 U	4.0 UJ	4.0 UJ	4.0 UJ	4.0 UJ	4.0 U
Vanadium	UG/L	3.0 UJ	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Zinc	UG/L	10.3	4.8 U	3.6 U	5.4 U	5.0 U	8.8 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:		28-GW06D-01	28-GW07D-01	28-GW07DWD-01	28-GW08D-01	28-GW09DWD-01	28-MW13D-01
Laboratory Sample ID:		940334-02	940334-05	940389-16	940334-08	940341-31	940320-29
Date Sampled:		4/21/94	4/21/94	5/8/94	4/21/94	4/25/94	4/21/94
	UNITS						
Aluminum	UG/L	112	33 U	50.8	49.1	35.2 J	205
Antimony	UG/L	34.0 U	34.0 U	34.0 U	34.0 U	37.2 UJ	34.0 U
Arsenic	UG/L	3.0 U	4.0	3.0 U	3.0 U	3.0 U	4.4
Barium	UG/L	39.5	412	7.0 U	180	26.5	72.1
Beryllium	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	UG/L	3.0 U	3.0 U	3.0 UJ	3.0 U	3.0 U	3.0 U
Calcium	UG/L	6400	105000	7620	57300	34100	187000
Chromium	UG/L	7.0 UJ	7.0 UJ	7.0 UJ	7.0 UJ	7.0 UJ	7.5 J
Cobalt	UG/L	4.5	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Copper	UG/L	6.0 U	6.0 U	6.0 U	6.0 U	11.3	6.0 U
Iron	UG/L	112	15100	20.6 U	57.8	5.0 UJ	14100
Lead	UG/L	1.8	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Magnesium	UG/L	3370	41200	455	34100	1240	9690
Manganese	UG/L	115	264	7.1	603	1.7 J	385
Mercury	UG/L	0.13 U	0.14 U	0.13 U	0.13 U	0.13 U	0.13 U
Nickel	UG/L	7.1	7.0 U	7.0 U	7.0 U	7.0 UJ	7.0 U
Potassium	UG/L	1760	61700	2140	59600	2860 J	4540
Selenium	UG/L	4.0 UJ	4.0 UJ	4.0 UJ	4.0 UJ	4.0 U	4.0 UJ
Silver	UG/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Sodium	UG/L	7280	233000	11300	194000	26600	17600
Thallium	UG/L	4.0 UJ	4.0 UJ	4.0 UJ	4.0 UJ	4.0 U	4.0 UJ
Vanadium	UG/L	3.0 U	3.0 U	4.2	3.0 U	3.0 UJ	3.0 U
Zinc	UG/L	44.6	17.4 U	4.5 U	5.1 U	7.3	4.1 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:	28-TGWPAD01
Laboratory Sample ID:	940320-19
Date Sampled:	4/20/94

	UNITS	
Aluminum	UG/L	706
Antimony	UG/L	70.2
Arsenic	UG/L	7.8
Barium	UG/L	50.0
Beryllium	UG/L	1.0 U
Cadmium	UG/L	3.0 U
Calcium	UG/L	83200
Chromium	UG/L	7.0 U
Cobalt	UG/L	4.0 U
Copper	UG/L	17.3 U
Iron	UG/L	47.7 U
Lead	UG/L	1.0 U
Magnesium	UG/L	151 U
Manganese	UG/L	1.0 U
Mercury	UG/L	0.13 U
Nickel	UG/L	24.2 U
Potassium	UG/L	42900
Selenium	UG/L	4.0 U
Silver	UG/L	5.0 U
Sodium	UG/L	151000
Thallium	UG/L	4.0 U
Vanadium	UG/L	3.0 U
Zinc	UG/L	3.0 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
	UNITS						
Aluminum	UG/L	33 U	46 UJ	33.4 J	706	28-TGWPAD01	7/13
Antimony	UG/L	34 U	62.9 UJ	34.5 J	70.2	28-TGWPAD01	2/13
Arsenic	UG/L	3 U	3 U	3.1	7.8	28-TGWPAD01	5/13
Barium	UG/L	7 U	7 U	21.5	423	28-GW02D-01	11/13
Beryllium	UG/L	1 U	1 U	ND	ND		0/13
Cadmium	UG/L	3 U	3 U	ND	ND		0/13
Calcium	UG/L	NA	NA	6400	187000	28-MW13D-01	13/13
Chromium	UG/L	7 UJ	7 UJ	7.5 J	7.5 J	28-MW13D-01	1/13
Cobalt	UG/L	4 U	4 U	4.5	4.5	28-GW06D-01	1/13
Copper	UG/L	6 U	17.3 U	11.3	11.3	28-GW09DWD-01	1/13
Iron	UG/L	5 UJ	66.8 U	57.8	30200 J	28-GW05D-01	7/13
Lead	UG/L	1 U	1.3 U	1.8	1.8	28-GW06D-01	1/13
Magnesium	UG/L	151 U	151 U	455	41200	28-GW07D-01	12/13
Manganese	UG/L	1 U	1 U	1.7 J	603	28-GW08D-01	12/13
Mercury	UG/L	0.13 U	0.14 U	ND	ND		0/13
Nickel	UG/L	7 UJ	24.2 U	7.1	9.5	28-GW02D-01	3/13
Potassium	UG/L	906 UJ	906 UJ	1070	61700	28-GW07D-01	12/13
Selenium	UG/L	4 U	4 U	ND	ND		0/13
Silver	UG/L	5 UJ	5.6 UJ	7.8	7.8	28-GW03D-01	1/13
Sodium	UG/L	NA	NA	7280	778000	28-GW01DWD-01	13/13
Thallium	UG/L	4 U	4 U	ND	ND		0/13
Vanadium	UG/L	3 UJ	3 UJ	4.2	4.2	28-GW07DWD-01	1/13
Zinc	UG/L	3 U	17.4 U	7.3	44.6	28-GW06D-01	3/13

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-OP-SW01	28-OP-SW02
Laboratory Sample ID:		940250-04	940250-06
Date Sampled:		3/28/94	3/28/94
	UNITS		
VOLATILES			
Chloromethane	UG/L	10 U	10 U
Bromomethane	UG/L	10 U	10 U
Vinyl chloride	UG/L	10 U	10 U
Chloroethane	UG/L	10 U	10 U
Methylene chloride	UG/L	10	7 J
Acetone	UG/L	10 U	10 U
Carbon Disulfide	UG/L	10 U	10 U
1,1-Dichloroethene	UG/L	10 U	10 U
1,1-Dichloroethane	UG/L	10 U	10 U
1,2-Dichloroethene(total)	UG/L	10 U	10 U
Chloroform	UG/L	10 U	10 U
1,2-Dichloroethane	UG/L	10 U	10 U
2-Butanone	UG/L	10 U	10 U
1,1,1-Trichloroethane	UG/L	10 U	10 U
Carbon tetrachloride	UG/L	10 U	10 U
Bromodichloromethane	UG/L	10 U	10 U
1,2-Dichloropropane	UG/L	10 U	10 U
cis-1,3-Dichloropropene	UG/L	10 U	10 U
Trichloroethene	UG/L	10 U	10 U
Dibromochloromethane	UG/L	10 U	10 U
1,1,2-Trichloroethane	UG/L	10 U	10 U
Benzene	UG/L	10 U	10 U
trans-1,3-Dichloropropene	UG/L	10 U	10 U
Bromoform	UG/L	10 U	10 U
4-Methyl-2-pentanone	UG/L	10 U	10 U
2-Hexanone	UG/L	10 U	10 U
Tetrachloroethene	UG/L	10 U	10 U
1,1,2,2-Tetrachloroethane	UG/L	10 U	10 U
Toluene	UG/L	10 U	10 U
Chlorobenzene	UG/L	10 U	10 U
Ethylbenzene	UG/L	10 U	10 U
Styrene	UG/L	10 U	10 U
Xylenes (total)	UG/L	10 U	10 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-OP-SW01	28-OP-SW02
Laboratory Sample ID:		940250-04	940250-06
Date Sampled:		3/28/94	3/28/94
	UNITS		
SEMIVOLATILES			
Phenol	UG/L	10 U	10 U
bis(2-Chloroethyl) ether	UG/L	10 U	10 U
2-Chlorophenol	UG/L	10 U	10 U
1,3-Dichlorobenzene	UG/L	10 U	10 U
1,4-Dichlorobenzene	UG/L	10 U	10 U
1,2-Dichlorobenzene	UG/L	10 U	10 U
2-Methylphenol	UG/L	10 U	10 U
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	10 U
4-Methylphenol	UG/L	10 U	10 U
N-Nitroso-di-n-propylamine	UG/L	10 U	10 U
Hexachloroethane	UG/L	10 U	10 U
Nitrobenzene	UG/L	10 U	10 U
Isophorone	UG/L	10 U	10 U
2-Nitrophenol	UG/L	10 U	10 U
2,4-Dimethylphenol	UG/L	10 U	10 U
bis(2-Chloroethoxy) methane	UG/L	10 U	10 U
2,4-Dichlorophenol	UG/L	10 U	10 U
1,2,4-Trichlorobenzene	UG/L	10 U	10 U
Naphthalene	UG/L	10 U	10 U
4-Chloroaniline	UG/L	10 U	10 U
Hexachlorobutadiene	UG/L	10 U	10 U
4-Chloro-3-methylphenol	UG/L	10 U	10 U
2-Methylnaphthalene	UG/L	10 U	10 U
Hexachlorocyclopentadiene	UG/L	10 U	10 U
2,4,6-Trichlorophenol	UG/L	10 U	10 U
2,4,5-Trichlorophenol	UG/L	25 U	25 U
2-Chloronaphthalene	UG/L	10 U	10 U
2-Nitroaniline	UG/L	25 U	25 U
Dimethyl phthalate	UG/L	10 U	10 U
Acenaphthylene	UG/L	10 U	10 U
2,6-Dinitrotoluene	UG/L	10 U	10 U
3-Nitroaniline	UG/L	25 U	25 U
Acenaphthene	UG/L	10 U	10 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-OP-SW01	28-OP-SW02
Laboratory Sample ID:		940250-04	940250-06
Date Sampled:		3/28/94	3/28/94
	UNITS		
SEMIVOLATILES Cont.			
2,4-Dinitrophenol	UG/L	25 U	25 U
4-Nitrophenol	UG/L	25 U	25 U
Dibenzofuran	UG/L	10 U	10 U
2,4-Dinitrotoluene	UG/L	10 U	10 U
Diethylphthalate	UG/L	10 U	10 U
4-Chlorophenyl phenyl ether	UG/L	10 U	10 U
Fluorene	UG/L	10 U	10 U
4-Nitroaniline	UG/L	25 U	25 U
4,6-Dinitro-2-methylphenol	UG/L	25 U	25 U
N-nitrosodiphenylamine	UG/L	10 U	10 U
4-Bromophenyl-phenylether	UG/L	10 U	10 U
Hexachlorobenzene	UG/L	10 U	10 U
Pentachlorophenol	UG/L	25 U	25 U
Phenanthrene	UG/L	10 U	10 U
Anthracene	UG/L	10 U	10 U
Carbazole	UG/L	10 UJ	10 UJ
di-n-Butylphthalate	UG/L	10 U	10 U
Fluoranthene	UG/L	10 U	10 U
Pyrene	UG/L	10 U	10 U
Butyl benzyl phthalate	UG/L	10 U	10 U
3,3'-Dichlorobenzidine	UG/L	10 U	10 U
Benzo[a]anthracene	UG/L	10 U	10 U
Chrysene	UG/L	10 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	10 U	10 U
di-n-Octylphthalate	UG/L	10 U	10 U
Benzo[b]fluoranthene	UG/L	10 U	10 U
Benzo[k]fluoranthene	UG/L	10 U	10 U
Benzo[a]pyrene	UG/L	10 U	10 U
Indeno[1,2,3-cd]pyrene	UG/L	10 U	10 U
Dibenz[a,h]anthracene	UG/L	10 U	10 U
Benzo[g,h,i]perylene	UG/L	10 U	10 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-OP-SW01	28-OP-SW02
Laboratory Sample ID:		940250-04	940250-06
Date Sampled:		3/28/94	3/28/94
	UNITS		
PESTICIDES/PCBs			
alpha-BHC	UG/L	0.05 U	0.05 U
beta-BHC	UG/L	0.05 U	0.05 U
delta-BHC	UG/L	0.05 U	0.05 U
Lindane (gamma-BHC)	UG/L	0.05 U	0.05 U
Heptachlor	UG/L	0.05 U	0.05 U
Aldrin	UG/L	0.05 U	0.05 U
Heptachlor epoxide	UG/L	0.05 U	0.05 U
Endosulfan I	UG/L	0.05 U	0.05 U
Dieldrin	UG/L	0.10 U	0.10 U
4,4'-DDE	UG/L	0.10 U	0.10 U
Endrin	UG/L	0.10 U	0.10 U
Endosulfan II	UG/L	0.10 U	0.10 U
4,4'-DDD	UG/L	0.10 U	0.10 U
Endosulfan sulfate	UG/L	0.10 U	0.10 U
4,4'-DDT	UG/L	0.10 U	0.10 U
Methoxychlor	UG/L	0.50 U	0.50 U
Endrin ketone	UG/L	0.10 U	0.10 U
Endrin aldehyde	UG/L	0.10 U	0.10 U
alpha-Chlordane	UG/L	0.05 U	0.05 U
gamma-Chlordane	UG/L	0.05 U	0.05 U
Toxaphene	UG/L	5.0 U	5.0 U
Aroclor 1016	UG/L	1.0 U	1.0 U
Aroclor 1221	UG/L	2.0 U	2.0 U
Aroclor 1232	UG/L	1.0 U	1.0 U
Aroclor 1242	UG/L	1.0 U	1.0 U
Aroclor 1248	UG/L	1.0 U	1.0 U
Aroclor 1254	UG/L	1.0 U	1.0 U
Aroclor 1260	UG/L	1.0 U	1.0 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/L	10 U	10 U	ND	ND		0/2
Bromomethane	UG/L	10 U	10 U	ND	ND		0/2
Vinyl chloride	UG/L	10 U	10 U	ND	ND		0/2
Chloroethane	UG/L	10 U	10 U	ND	ND		0/2
Methylene chloride	UG/L	NA	NA	7 J	10	28-OP-SW01	2/2
Acetone	UG/L	10 U	10 U	ND	ND		0/2
Carbon Disulfide	UG/L	10 U	10 U	ND	ND		0/2
1,1-Dichloroethene	UG/L	10 U	10 U	ND	ND		0/2
1,1-Dichloroethane	UG/L	10 U	10 U	ND	ND		0/2
1,2-Dichloroethene(total)	UG/L	10 U	10 U	ND	ND		0/2
Chloroform	UG/L	10 U	10 U	ND	ND		0/2
1,2-Dichloroethane	UG/L	10 U	10 U	ND	ND		0/2
2-Butanone	UG/L	10 U	10 U	ND	ND		0/2
1,1,1-Trichloroethane	UG/L	10 U	10 U	ND	ND		0/2
Carbon tetrachloride	UG/L	10 U	10 U	ND	ND		0/2
Bromodichloromethane	UG/L	10 U	10 U	ND	ND		0/2
1,2-Dichloropropane	UG/L	10 U	10 U	ND	ND		0/2
cis-1,3-Dichloropropene	UG/L	10 U	10 U	ND	ND		0/2
Trichloroethene	UG/L	10 U	10 U	ND	ND		0/2
Dibromochloromethane	UG/L	10 U	10 U	ND	ND		0/2
1,1,2-Trichloroethane	UG/L	10 U	10 U	ND	ND		0/2
Benzene	UG/L	10 U	10 U	ND	ND		0/2
trans-1,3-Dichloropropene	UG/L	10 U	10 U	ND	ND		0/2
Bromoform	UG/L	10 U	10 U	ND	ND		0/2
4-Methyl-2-pentanone	UG/L	10 U	10 U	ND	ND		0/2
2-Hexanone	UG/L	10 U	10 U	ND	ND		0/2
Tetrachloroethene	UG/L	10 U	10 U	ND	ND		0/2
1,1,2,2-Tetrachloroethane	UG/L	10 U	10 U	ND	ND		0/2
Toluene	UG/L	10 U	10 U	ND	ND		0/2
Chlorobenzene	UG/L	10 U	10 U	ND	ND		0/2
Ethylbenzene	UG/L	10 U	10 U	ND	ND		0/2
Styrene	UG/L	10 U	10 U	ND	ND		0/2
Xylenes (total)	UG/L	10 U	10 U	ND	ND		0/2

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/L	10 U	10 U	ND	ND		0/2
bis(2-Chloroethyl) ether	UG/L	10 U	10 U	ND	ND		0/2
2-Chlorophenol	UG/L	10 U	10 U	ND	ND		0/2
1,3-Dichlorobenzene	UG/L	10 U	10 U	ND	ND		0/2
1,4-Dichlorobenzene	UG/L	10 U	10 U	ND	ND		0/2
1,2-Dichlorobenzene	UG/L	10 U	10 U	ND	ND		0/2
2-Methylphenol	UG/L	10 U	10 U	ND	ND		0/2
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	10 U	ND	ND		0/2
4-Methylphenol	UG/L	10 U	10 U	ND	ND		0/2
N-Nitroso-di-n-propylamine	UG/L	10 U	10 U	ND	ND		0/2
Hexachloroethane	UG/L	10 U	10 U	ND	ND		0/2
Nitrobenzene	UG/L	10 U	10 U	ND	ND		0/2
Isophorone	UG/L	10 U	10 U	ND	ND		0/2
2-Nitrophenol	UG/L	10 U	10 U	ND	ND		0/2
2,4-Dimethylphenol	UG/L	10 U	10 U	ND	ND		0/2
bis(2-Chloroethoxy) methane	UG/L	10 U	10 U	ND	ND		0/2
2,4-Dichlorophenol	UG/L	10 U	10 U	ND	ND		0/2
1,2,4-Trichlorobenzene	UG/L	10 U	10 U	ND	ND		0/2
Naphthalene	UG/L	10 U	10 U	ND	ND		0/2
4-Chloroaniline	UG/L	10 U	10 U	ND	ND		0/2
Hexachlorobutadiene	UG/L	10 U	10 U	ND	ND		0/2
4-Chloro-3-methylphenol	UG/L	10 U	10 U	ND	ND		0/2
2-Methylnaphthalene	UG/L	10 U	10 U	ND	ND		0/2
Hexachlorocyclopentadiene	UG/L	10 U	10 U	ND	ND		0/2
2,4,6-Trichlorophenol	UG/L	10 U	10 U	ND	ND		0/2
2,4,5-Trichlorophenol	UG/L	25 U	25 U	ND	ND		0/2
2-Chloronaphthalene	UG/L	10 U	10 U	ND	ND		0/2
2-Nitroaniline	UG/L	25 U	25 U	ND	ND		0/2
Dimethyl phthalate	UG/L	10 U	10 U	ND	ND		0/2
Acenaphthylene	UG/L	10 U	10 U	ND	ND		0/2
2,6-Dinitrotoluene	UG/L	10 U	10 U	ND	ND		0/2
3-Nitroaniline	UG/L	25 U	25 U	ND	ND		0/2
Acenaphthene	UG/L	10 U	10 U	ND	ND		0/2

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	25 U	25 U	ND	ND		0/2
4-Nitrophenol	UG/L	25 U	25 U	ND	ND		0/2
Dibenzofuran	UG/L	10 U	10 U	ND	ND		0/2
2,4-Dinitrotoluene	UG/L	10 U	10 U	ND	ND		0/2
Diethylphthalate	UG/L	10 U	10 U	ND	ND		0/2
4-Chlorophenyl phenyl ether	UG/L	10 U	10 U	ND	ND		0/2
Fluorene	UG/L	10 U	10 U	ND	ND		0/2
4-Nitroaniline	UG/L	25 U	25 U	ND	ND		0/2
4,6-Dinitro-2-methylphenol	UG/L	25 U	25 U	ND	ND		0/2
N-nitrosodiphenylamine	UG/L	10 U	10 U	ND	ND		0/2
4-Bromophenyl-phenylether	UG/L	10 U	10 U	ND	ND		0/2
Hexachlorobenzene	UG/L	10 U	10 U	ND	ND		0/2
Pentachlorophenol	UG/L	25 U	25 U	ND	ND		0/2
Phenanthrene	UG/L	10 U	10 U	ND	ND		0/2
Anthracene	UG/L	10 U	10 U	ND	ND		0/2
Carbazole	UG/L	10 UJ	10 UJ	ND	ND		0/2
di-n-Butylphthalate	UG/L	10 U	10 U	ND	ND		0/2
Fluoranthene	UG/L	10 U	10 U	ND	ND		0/2
Pyrene	UG/L	10 U	10 U	ND	ND		0/2
Butyl benzyl phthalate	UG/L	10 U	10 U	ND	ND		0/2
3,3'-Dichlorobenzidine	UG/L	10 U	10 U	ND	ND		0/2
Benzo[a]anthracene	UG/L	10 U	10 U	ND	ND		0/2
Chrysene	UG/L	10 U	10 U	ND	ND		0/2
bis(2-Ethylhexyl)phthalate	UG/L	10 U	10 U	ND	ND		0/2
di-n-Octylphthalate	UG/L	10 U	10 U	ND	ND		0/2
Benzo[b]fluoranthene	UG/L	10 U	10 U	ND	ND		0/2
Benzo[k]fluoranthene	UG/L	10 U	10 U	ND	ND		0/2
Benzo[a]pyrene	UG/L	10 U	10 U	ND	ND		0/2
Indeno[1,2,3-cd]pyrene	UG/L	10 U	10 U	ND	ND		0/2
Dibenz[a,h]anthracene	UG/L	10 U	10 U	ND	ND		0/2
Benzo[g,h,i]perylene	UG/L	10 U	10 U	ND	ND		0/2

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
PESTICIDES/PCBs							
alpha-BHC	UG/L	0.05 U	0.05 U	ND	ND		0/2
beta-BHC	UG/L	0.05 U	0.05 U	ND	ND		0/2
delta-BHC	UG/L	0.05 U	0.05 U	ND	ND		0/2
Lindane (gamma-BHC)	UG/L	0.05 U	0.05 U	ND	ND		0/2
Heptachlor	UG/L	0.05 U	0.05 U	ND	ND		0/2
Aldrin	UG/L	0.05 U	0.05 U	ND	ND		0/2
Heptachlor epoxide	UG/L	0.05 U	0.05 U	ND	ND		0/2
Endosulfan I	UG/L	0.05 U	0.05 U	ND	ND		0/2
Dieldrin	UG/L	0.1 U	0.1 U	ND	ND		0/2
4,4'-DDE	UG/L	0.1 U	0.1 U	ND	ND		0/2
Endrin	UG/L	0.1 U	0.1 U	ND	ND		0/2
Endosulfan II	UG/L	0.1 U	0.1 U	ND	ND		0/2
4,4'-DDD	UG/L	0.1 U	0.1 U	ND	ND		0/2
Endosulfan sulfate	UG/L	0.1 U	0.1 U	ND	ND		0/2
4,4'-DDT	UG/L	0.1 U	0.1 U	ND	ND		0/2
Methoxychlor	UG/L	0.5 U	0.5 U	ND	ND		0/2
Endrin ketone	UG/L	0.1 U	0.1 U	ND	ND		0/2
Endrin aldehyde	UG/L	0.1 U	0.1 U	ND	ND		0/2
alpha-Chlordane	UG/L	0.05 U	0.05 U	ND	ND		0/2
gamma-Chlordane	UG/L	0.05 U	0.05 U	ND	ND		0/2
Toxaphene	UG/L	5 U	5 U	ND	ND		0/2
Aroclor 1016	UG/L	1 U	1 U	ND	ND		0/2
Aroclor 1221	UG/L	2 U	2 U	ND	ND		0/2
Aroclor 1232	UG/L	1 U	1 U	ND	ND		0/2
Aroclor 1242	UG/L	1 U	1 U	ND	ND		0/2
Aroclor 1248	UG/L	1 U	1 U	ND	ND		0/2
Aroclor 1254	UG/L	1 U	1 U	ND	ND		0/2
Aroclor 1260	UG/L	1 U	1 U	ND	ND		0/2

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
METALS

Client Sample ID:		28-OP-SW01	28-OP-SW02
Laboratory Sample ID:		940250-04	940250-06
Date Sampled:		3/28/94	3/28/94
	UNITS		
Aluminum	UG/L	170	97.5
Antimony	UG/L	34.0 U	34.0 U
Arsenic	UG/L	3.0 U	3.0 U
Barium	UG/L	7.0 U	7.0 U
Beryllium	UG/L	1.0 U	1.0 U
Cadmium	UG/L	3.0 U	3.0 U
Calcium	UG/L	7610	8460
Chromium	UG/L	7.0 U	7.0 U
Cobalt	UG/L	4.0 U	4.0 U
Copper	UG/L	6.0 U	6.0 U
Iron	UG/L	421 J	431 J
Lead	UG/L	1.0 U	1.0 U
Magnesium	UG/L	693	752
Manganese	UG/L	1.0 UJ	1.0 UJ
Mercury	UG/L	0.13 U	0.13 U
Nickel	UG/L	7.0 U	12.8
Potassium	UG/L	1100 J	1180 J
Selenium	UG/L	4.0 U	4.0 U
Silver	UG/L	5.0 UJ	5.0 UJ
Sodium	UG/L	3070 J	3470 J
Thallium	UG/L	4.0 U	4.7
Vanadium	UG/L	3.0 U	3.0 U
Zinc	UG/L	3.8 U	66.2 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
	UNITS						
Aluminum	UG/L	NA	NA	97.5	170	28-OP-SW01	2/2
Antimony	UG/L	34 U	34 U	ND	ND		0/2
Arsenic	UG/L	3 U	3 U	ND	ND		0/2
Barium	UG/L	7 U	7 U	ND	ND		0/2
Beryllium	UG/L	1 U	1 U	ND	ND		0/2
Cadmium	UG/L	3 U	3 U	ND	ND		0/2
Calcium	UG/L	NA	NA	7610	8460	28-OP-SW02	2/2
Chromium	UG/L	7 U	7 U	ND	ND		0/2
Cobalt	UG/L	4 U	4 U	ND	ND		0/2
Copper	UG/L	6 U	6 U	ND	ND		0/2
Iron	UG/L	NA	NA	421 J	431 J	28-OP-SW02	2/2
Lead	UG/L	1 U	1 U	ND	ND		0/2
Magnesium	UG/L	NA	NA	693	752	28-OP-SW02	2/2
Manganese	UG/L	1 UJ	1 UJ	ND	ND		0/2
Mercury	UG/L	0.13 U	0.13 U	ND	ND		0/2
Nickel	UG/L	7 U	7 U	12.8	12.8	28-OP-SW02	1/2
Potassium	UG/L	NA	NA	1100 J	1160 J	28-OP-SW02	2/2
Selenium	UG/L	4 U	4 U	ND	ND		0/2
Silver	UG/L	5 UJ	5 UJ	ND	ND		0/2
Sodium	UG/L	NA	NA	3070 J	3470 J	28-OP-SW02	2/2
Thallium	UG/L	4 U	4 U	4.7	4.7	28-OP-SW02	1/2
Vanadium	UG/L	3 U	3 U	ND	ND		0/2
Zinc	UG/L	3.8 U	66.2 U	ND	ND		0/2

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SW01	28-CC-SW02	28-CC-SW03	28-CC-SW04	28-CC-SW05	28-CC-SW06
Laboratory Sample ID:		940250-01	940246-13	940246-14	940246-15	940246-16	940246-17
Date Sampled:		3/28/94	3/27/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
VOLATILES							
Chloromethane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	UG/L	4 J	10 U	10 U	10 U	10 U	10 U
Acetone	UG/L	14 U	16 U	19 U	10 U	10 U	11 U
Carbon Disulfide	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene(total)	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	UG/L	10 U	16	10 U	10 U	10 U	10 U
Tetrachloroethene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	UG/L	10 U	10 U	10 U	10 U	10 U	10 U
Xylenes (total)	UG/L	10 U	10 U	10 U	10 U	10 U	10 U

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SW01	28-CC-SW02	28-CC-SW03	28-CC-SW04	28-CC-SW05	28-CC-SW06
Laboratory Sample ID:		940250-01	940246-13	940246-14	940246-15	940246-16	940246-17
Date Sampled:		3/28/94	3/27/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
bis(2-Chloroethyl) ether	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
2-Chlorophenol	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
1,3-Dichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
1,4-Dichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
1,2-Dichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
2-Methylphenol	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
4-Methylphenol	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
N-Nitroso-di-n-propylamine	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Hexachloroethane	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Nitrobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Isophorone	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
2-Nitrophenol	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
2,4-Dimethylphenol	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
bis(2-Chloroethoxy) methane	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
2,4-Dichlorophenol	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
1,2,4-Trichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Naphthalene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
4-Chloroaniline	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Hexachlorobutadiene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
4-Chloro-3-methylphenol	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
2-Methylnaphthalene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Hexachlorocyclopentadiene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
2,4,6-Trichlorophenol	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
2,4,5-Trichlorophenol	UG/L	25 U	25 U	25 U	25 U	25 U	50 U
2-Chloronaphthalene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
2-Nitroaniline	UG/L	25 U	25 U	25 U	25 U	25 U	50 U
Dimethyl phthalate	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Acenaphthylene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
2,6-Dinitrotoluene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
3-Nitroaniline	UG/L	25 U	25 U	25 U	25 U	25 U	50 U
Acenaphthene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SW01	28-CC-SW02	28-CC-SW03	28-CC-SW04	28-CC-SW05	28-CC-SW06
Laboratory Sample ID:		940250-01	940246-13	940246-14	940246-15	940246-16	940246-17
Date Sampled:		3/28/94	3/27/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	25 U	25 U	25 U	25 U	25 U	50 U
4-Nitrophenol	UG/L	25 U	25 U	25 U	25 U	25 U	50 U
Dibenzofuran	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
2,4-Dinitrotoluene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Diethylphthalate	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
4-Chlorophenyl phenyl ether	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Fluorene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
4-Nitroaniline	UG/L	25 U	25 U	25 U	25 U	25 U	50 U
4,6-Dinitro-2-methylphenol	UG/L	25 U	25 U	25 U	25 U	25 U	50 U
N-nitrosodiphenylamine	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
4-Bromophenyl-phenylether	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Hexachlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Pentachlorophenol	UG/L	25 U	25 U	25 U	25 U	25 U	50 U
Phenanthrene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Anthracene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Carbazole	UG/L	10 UJ	10 U	10 U	10 U	10 U	20 U
di-n-Butylphthalate	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Pyrene	UG/L	10 U	10 U	10 U	10 U	10 UJ	20 U
Butyl benzyl phthalate	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
3,3'-Dichlorobenzidine	UG/L	10 U	10 U	10 U	10 U	10 UJ	20 U
Benzo[a]anthracene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Chrysene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
bis(2-Ethylhexyl)phthalate	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
di-n-Octylphthalate	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Benzo[b]fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Benzo[k]fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Benzo[a]pyrene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Indeno[1,2,3-cd]pyrene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Dibenz[a,h]anthracene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U
Benzo[g,h,i]perylene	UG/L	10 U	10 U	10 U	10 U	10 U	20 U

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SW01	28-CC-SW02	28-CC-SW03	28-CC-SW04	28-CC-SW05	28-CC-SW06
Laboratory Sample ID:		940250-01	940246-13	940246-14	940246-15	940246-16	940246-17
Date Sampled:		3/28/94	3/27/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
beta-BHC	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
delta-BHC	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
Lindane (gamma-BHC)	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
Heptachlor	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
Aldrin	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
Heptachlor epoxide	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
Endosulfan I	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
Dieldrin	UG/L	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.05 U	0.10 UJ
4,4'-DDE	UG/L	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ
Endrin	UG/L	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ
Endosulfan II	UG/L	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ
4,4'-DDD	UG/L	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ
Endosulfan sulfate	UG/L	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ
4,4'-DDT	UG/L	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ
Methoxychlor	UG/L	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 U	0.50 UJ
Endrin ketone	UG/L	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ
Endrin aldehyde	UG/L	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ
alpha-Chlordane	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
gamma-Chlordane	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
Toxaphene	UG/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ
Aroclor 1016	UG/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ
Aroclor 1221	UG/L	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 U	2.0 UJ
Aroclor 1232	UG/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ
Aroclor 1242	UG/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ
Aroclor 1248	UG/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ
Aroclor 1254	UG/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ
Aroclor 1260	UG/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-CC-SW07
Laboratory Sample ID:	940246-18
Date Sampled:	3/27/94

	UNITS	
VOLATILES		
Chloromethane	UG/L	10 U
Bromomethane	UG/L	10 U
Vinyl chloride	UG/L	10 U
Chloroethane	UG/L	10 U
Methylene chloride	UG/L	10 U
Acetone	UG/L	12
Carbon Disulfide	UG/L	10 U
1,1-Dichloroethene	UG/L	10 U
1,1-Dichloroethane	UG/L	10 U
1,2-Dichloroethene(total)	UG/L	10 U
Chloroform	UG/L	10 U
1,2-Dichloroethane	UG/L	10 U
2-Butanone	UG/L	10 U
1,1,1-Trichloroethane	UG/L	10 U
Carbon tetrachloride	UG/L	10 U
Bromodichloromethane	UG/L	10 U
1,2-Dichloropropane	UG/L	10 U
cis-1,3-Dichloropropene	UG/L	10 U
Trichloroethene	UG/L	10 U
Dibromochloromethane	UG/L	10 U
1,1,2-Trichloroethane	UG/L	10 U
Benzene	UG/L	10 U
trans-1,3-Dichloropropene	UG/L	10 U
Bromoform	UG/L	10 U
4-Methyl-2-pentanone	UG/L	10 U
2-Hexanone	UG/L	10 U
Tetrachloroethene	UG/L	10 U
1,1,2,2-Tetrachloroethane	UG/L	10 U
Toluene	UG/L	10 U
Chlorobenzene	UG/L	10 U
Ethylbenzene	UG/L	10 U
Styrene	UG/L	10 U
Xylenes (total)	UG/L	10 U

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-CC-SW07
Laboratory Sample ID:	940246-18
Date Sampled:	3/27/94

	UNITS	
SEMIVOLATILES		
Phenol	UG/L	10 U
bis(2-Chloroethyl) ether	UG/L	10 U
2-Chlorophenol	UG/L	10 U
1,3-Dichlorobenzene	UG/L	10 U
1,4-Dichlorobenzene	UG/L	10 U
1,2-Dichlorobenzene	UG/L	10 U
2-Methylphenol	UG/L	10 U
2,2'-oxybis-(1-chloropropane)	UG/L	10 U
4-Methylphenol	UG/L	10 U
N-Nitroso-di-n-propylamine	UG/L	10 U
Hexachloroethane	UG/L	10 U
Nitrobenzene	UG/L	10 U
Isophorone	UG/L	10 U
2-Nitrophenol	UG/L	10 U
2,4-Dimethylphenol	UG/L	10 U
bis(2-Chloroethoxy) methane	UG/L	10 U
2,4-Dichlorophenol	UG/L	10 U
1,2,4-Trichlorobenzene	UG/L	10 U
Naphthalene	UG/L	10 U
4-Chloroaniline	UG/L	10 U
Hexachlorobutadiene	UG/L	10 U
4-Chloro-3-methylphenol	UG/L	10 U
2-Methylnaphthalene	UG/L	10 U
Hexachlorocyclopentadiene	UG/L	10 U
2,4,6-Trichlorophenol	UG/L	10 U
2,4,5-Trichlorophenol	UG/L	25 U
2-Chloronaphthalene	UG/L	10 U
2-Nitroaniline	UG/L	25 U
Dimethyl phthalate	UG/L	10 U
Acenaphthylene	UG/L	10 U
2,6-Dinitrotoluene	UG/L	10 U
3-Nitroaniline	UG/L	25 U
Acenaphthene	UG/L	10 U

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-CC-SW07
Laboratory Sample ID:	940246-18
Date Sampled:	3/27/94

SEMIVOLATILES Cont.	UNITS	
2,4-Dinitrophenol	UG/L	25 U
4-Nitrophenol	UG/L	25 U
Dibenzofuran	UG/L	10 U
2,4-Dinitrotoluene	UG/L	10 U
Diethylphthalate	UG/L	10 U
4-Chlorophenyl phenyl ether	UG/L	10 U
Fluorene	UG/L	10 U
4-Nitroaniline	UG/L	25 U
4,6-Dinitro-2-methylphenol	UG/L	25 U
N-nitrosodiphenylamine	UG/L	10 U
4-Bromophenyl-phenylether	UG/L	10 U
Hexachlorobenzene	UG/L	10 U
Pentachlorophenol	UG/L	25 U
Phenanthrene	UG/L	10 U
Anthracene	UG/L	10 U
Carbazole	UG/L	10 U
di-n-Butylphthalate	UG/L	10 U
Fluoranthene	UG/L	10 U
Pyrene	UG/L	10 U
Butyl benzyl phthalate	UG/L	10 U
3,3'-Dichlorobenzidine	UG/L	10 U
Benzo[a]anthracene	UG/L	10 U
Chrysene	UG/L	10 U
bis(2-Ethylhexyl)phthalate	UG/L	10 U
di-n-Octylphthalate	UG/L	10 U
Benzo[b]fluoranthene	UG/L	10 U
Benzo[k]fluoranthene	UG/L	10 U
Benzo[a]pyrene	UG/L	10 U
Indeno[1,2,3-cd]pyrene	UG/L	10 U
Dibenz[a,h]anthracene	UG/L	10 U
Benzo[g,h,i]perylene	UG/L	10 U

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-CC-SW07
Laboratory Sample ID:	940246-18
Date Sampled:	3/27/94

	UNITS	
PESTICIDES/PCBs		
alpha-BHC	UG/L	0.05 UJ
beta-BHC	UG/L	0.05 UJ
delta-BHC	UG/L	0.05 UJ
Lindane (gamma-BHC)	UG/L	0.05 UJ
Heptachlor	UG/L	0.05 UJ
Aldrin	UG/L	0.05 UJ
Heptachlor epoxide	UG/L	0.05 UJ
Endosulfan I	UG/L	0.05 UJ
Dieldrin	UG/L	0.10 UJ
4,4'-DDE	UG/L	0.10 UJ
Endrin	UG/L	0.10 UJ
Endosulfan II	UG/L	0.10 UJ
4,4'-DDD	UG/L	0.10 UJ
Endosulfan sulfate	UG/L	0.10 UJ
4,4'-DDT	UG/L	0.10 UJ
Methoxychlor	UG/L	0.50 UJ
Endrin ketone	UG/L	0.10 UJ
Endrin aldehyde	UG/L	0.10 UJ
alpha-Chlordane	UG/L	0.05 UJ
gamma-Chlordane	UG/L	0.05 UJ
Toxaphene	UG/L	5.0 UJ
Aroclor 1016	UG/L	1.0 UJ
Aroclor 1221	UG/L	2.0 UJ
Aroclor 1232	UG/L	1.0 UJ
Aroclor 1242	UG/L	1.0 UJ
Aroclor 1248	UG/L	1.0 UJ
Aroclor 1254	UG/L	1.0 UJ
Aroclor 1260	UG/L	1.0 UJ

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/L	10 U	10 U	ND	ND		0/7
Bromomethane	UG/L	10 U	10 U	ND	ND		0/7
Vinyl chloride	UG/L	10 U	10 U	ND	ND		0/7
Chloroethane	UG/L	10 U	10 U	ND	ND		0/7
Methylene chloride	UG/L	10 U	10 U	4 J	4 J	28-CC-SW01	1/7
Acetone	UG/L	10 U	19 U	12	12	28-CC-SW07	1/7
Carbon Disulfide	UG/L	10 U	10 U	ND	ND		0/7
1,1-Dichloroethene	UG/L	10 U	10 U	ND	ND		0/7
1,1-Dichloroethane	UG/L	10 U	10 U	ND	ND		0/7
1,2-Dichloroethene(total)	UG/L	10 U	10 U	ND	ND		0/7
Chloroform	UG/L	10 U	10 U	ND	ND		0/7
1,2-Dichloroethane	UG/L	10 U	10 U	ND	ND		0/7
2-Butanone	UG/L	10 U	10 U	ND	ND		0/7
1,1,1-Trichloroethane	UG/L	10 U	10 U	ND	ND		0/7
Carbon tetrachloride	UG/L	10 U	10 U	ND	ND		0/7
Bromodichloromethane	UG/L	10 U	10 U	ND	ND		0/7
1,2-Dichloropropane	UG/L	10 U	10 U	ND	ND		0/7
cis-1,3-Dichloropropene	UG/L	10 U	10 U	ND	ND		0/7
Trichloroethene	UG/L	10 U	10 U	ND	ND		0/7
Dibromochloromethane	UG/L	10 U	10 U	ND	ND		0/7
1,1,2-Trichloroethane	UG/L	10 U	10 U	ND	ND		0/7
Benzene	UG/L	10 U	10 U	ND	ND		0/7
trans-1,3-Dichloropropene	UG/L	10 U	10 U	ND	ND		0/7
Bromoform	UG/L	10 U	10 U	ND	ND		0/7
4-Methyl-2-pentanone	UG/L	10 U	10 U	ND	ND		0/7
2-Hexanone	UG/L	10 U	10 U	16	16	28-CC-SW02	1/7
Tetrachloroethene	UG/L	10 U	10 U	ND	ND		0/7
1,1,2,2-Tetrachloroethane	UG/L	10 U	10 U	ND	ND		0/7
Toluene	UG/L	10 U	10 U	ND	ND		0/7
Chlorobenzene	UG/L	10 U	10 U	ND	ND		0/7
Ethylbenzene	UG/L	10 U	10 U	ND	ND		0/7
Styrene	UG/L	10 U	10 U	ND	ND		0/7
Xylenes (total)	UG/L	10 U	10 U	ND	ND		0/7

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/L	10 U	20 U	ND	ND		0/7
bis(2-Chloroethyl) ether	UG/L	10 U	20 U	ND	ND		0/7
2-Chlorophenol	UG/L	10 U	20 U	ND	ND		0/7
1,3-Dichlorobenzene	UG/L	10 U	20 U	ND	ND		0/7
1,4-Dichlorobenzene	UG/L	10 U	20 U	ND	ND		0/7
1,2-Dichlorobenzene	UG/L	10 U	20 U	ND	ND		0/7
2-Methylphenol	UG/L	10 U	20 U	ND	ND		0/7
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	20 U	ND	ND		0/7
4-Methylphenol	UG/L	10 U	20 U	ND	ND		0/7
N-Nitroso-di-n-propylamine	UG/L	10 U	20 U	ND	ND		0/7
Hexachloroethane	UG/L	10 U	20 U	ND	ND		0/7
Nitrobenzene	UG/L	10 U	20 U	ND	ND		0/7
Isophorone	UG/L	10 U	20 U	ND	ND		0/7
2-Nitrophenol	UG/L	10 U	20 U	ND	ND		0/7
2,4-Dimethylphenol	UG/L	10 U	20 U	ND	ND		0/7
bis(2-Chloroethoxy) methane	UG/L	10 U	20 U	ND	ND		0/7
2,4-Dichlorophenol	UG/L	10 U	20 U	ND	ND		0/7
1,2,4-Trichlorobenzene	UG/L	10 U	20 U	ND	ND		0/7
Naphthalene	UG/L	10 U	20 U	ND	ND		0/7
4-Chloroaniline	UG/L	10 U	20 U	ND	ND		0/7
Hexachlorobutadiene	UG/L	10 U	20 U	ND	ND		0/7
4-Chloro-3-methylphenol	UG/L	10 U	20 U	ND	ND		0/7
2-Methylnaphthalene	UG/L	10 U	20 U	ND	ND		0/7
Hexachlorocyclopentadiene	UG/L	10 U	20 U	ND	ND		0/7
2,4,6-Trichlorophenol	UG/L	10 U	20 U	ND	ND		0/7
2,4,5-Trichlorophenol	UG/L	25 U	50 U	ND	ND		0/7
2-Chloronaphthalene	UG/L	10 U	20 U	ND	ND		0/7
2-Nitroaniline	UG/L	25 U	50 U	ND	ND		0/7
Dimethyl phthalate	UG/L	10 U	20 U	ND	ND		0/7
Acenaphthylene	UG/L	10 U	20 U	ND	ND		0/7
2,6-Dinitrotoluene	UG/L	10 U	20 U	ND	ND		0/7
3-Nitroaniline	UG/L	25 U	50 U	ND	ND		0/7
Acenaphthene	UG/L	10 U	20 U	ND	ND		0/7

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	25 U	50 U	ND	ND		0/7
4-Nitrophenol	UG/L	25 U	50 U	ND	ND		0/7
Dibenzofuran	UG/L	10 U	20 U	ND	ND		0/7
2,4-Dinitrotoluene	UG/L	10 U	20 U	ND	ND		0/7
Diethylphthalate	UG/L	10 U	20 U	ND	ND		0/7
4-Chlorophenyl phenyl ether	UG/L	10 U	20 U	ND	ND		0/7
Fluorene	UG/L	10 U	20 U	ND	ND		0/7
4-Nitroaniline	UG/L	25 U	50 U	ND	ND		0/7
4,6-Dinitro-2-methylphenol	UG/L	25 U	50 U	ND	ND		0/7
N-nitrosodiphenylamine	UG/L	10 U	20 U	ND	ND		0/7
4-Bromophenyl-phenylether	UG/L	10 U	20 U	ND	ND		0/7
Hexachlorobenzene	UG/L	10 U	20 U	ND	ND		0/7
Pentachlorophenol	UG/L	25 U	50 U	ND	ND		0/7
Phenanthrene	UG/L	10 U	20 U	ND	ND		0/7
Anthracene	UG/L	10 U	20 U	ND	ND		0/7
Carbazole	UG/L	10 UJ	20 U	ND	ND		0/7
di-n-Butylphthalate	UG/L	10 U	20 U	ND	ND		0/7
Fluoranthene	UG/L	10 U	20 U	ND	ND		0/7
Pyrene	UG/L	10 U	20 U	ND	ND		0/7
Butyl benzyl phthalate	UG/L	10 U	20 U	ND	ND		0/7
3,3'-Dichlorobenzidine	UG/L	10 U	20 U	ND	ND		0/7
Benzo[a]anthracene	UG/L	10 U	20 U	ND	ND		0/7
Chrysene	UG/L	10 U	20 U	ND	ND		0/7
bis(2-Ethylhexyl)phthalate	UG/L	10 U	20 U	ND	ND		0/7
di-n-Octylphthalate	UG/L	10 U	20 U	ND	ND		0/7
Benzo[b]fluoranthene	UG/L	10 U	20 U	ND	ND		0/7
Benzo[k]fluoranthene	UG/L	10 U	20 U	ND	ND		0/7
Benzo[a]pyrene	UG/L	10 U	20 U	ND	ND		0/7
Indeno[1,2,3-cd]pyrene	UG/L	10 U	20 U	ND	ND		0/7
Dibenz[a,h]anthracene	UG/L	10 U	20 U	ND	ND		0/7
Benzo[g,h,i]perylene	UG/L	10 U	20 U	ND	ND		0/7

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
PESTICIDES/PCBs							
alpha-BHC	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/7
beta-BHC	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/7
delta-BHC	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/7
Lindane (gamma-BHC)	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/7
Heptachlor	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/7
Aldrin	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/7
Heptachlor epoxide	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/7
Endosulfan I	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/7
Dieldrin	UG/L	0.05 U	0.1 UJ	ND	ND		0/7
4,4'-DDE	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/7
Endrin	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/7
Endosulfan II	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/7
4,4'-DDD	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/7
Endosulfan sulfate	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/7
4,4'-DDT	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/7
Methoxychlor	UG/L	0.5 UJ	0.5 UJ	ND	ND		0/7
Endrin ketone	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/7
Endrin aldehyde	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/7
alpha-Chlordane	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/7
gamma-Chlordane	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/7
Toxaphene	UG/L	5 UJ	5 UJ	ND	ND		0/7
Aroclor 1016	UG/L	1 UJ	1 UJ	ND	ND		0/7
Aroclor 1221	UG/L	2 UJ	2 UJ	ND	ND		0/7
Aroclor 1232	UG/L	1 UJ	1 UJ	ND	ND		0/7
Aroclor 1242	UG/L	1 UJ	1 UJ	ND	ND		0/7
Aroclor 1248	UG/L	1 UJ	1 UJ	ND	ND		0/7
Aroclor 1254	UG/L	1 UJ	1 UJ	ND	ND		0/7
Aroclor 1260	UG/L	1 UJ	1 UJ	ND	ND		0/7

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-CC-SW01	28-CC-SW02	28-CC-SW03	28-CC-SW04	28-CC-SW05	28-CC-SW06
Laboratory Sample ID:		940250-01	940246-13	940246-14	940246-15	940246-16	940246-17
Date Sampled:		3/28/94	3/27/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
Aluminum	UG/L	936	672	773	866	767	347
Antimony	UG/L	34.0 U	34.0 U	34.0 U	34.0 U	34.0 U	34.0 U
Arsenic	UG/L	3.0 U	3.0 U	3.9	3.0 U	3.0 U	3.0 U
Barium	UG/L	21.0	18.4	15.9	17.8	13.2	17.1
Beryllium	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	UG/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Calcium	UG/L	40400	35400	32900	34900	29500	45900
Chromium	UG/L	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U
Cobalt	UG/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Copper	UG/L	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.2
Iron	UG/L	1390 J	1090 J	985 J	1140 J	950 J	838 J
Lead	UG/L	1.9	3.0	3.5	2.9	2.4	4.2
Magnesium	UG/L	4550	22500	14900	3690	3030	7310
Manganese	UG/L	56.1	45.3	23.8	39.7	24.0	23.6
Mercury	UG/L	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Nickel	UG/L	7.2	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U
Potassium	UG/L	2250 J	7720 J	5440 J	1870 J	1660 J	2550 J
Selenium	UG/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Silver	UG/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Sodium	UG/L	26100 J	183000 J	120000 J	20900 J	15200 J	42900 J
Thallium	UG/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Vanadium	UG/L	3.6	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Zinc	UG/L	14.2 U	13.0	10.9	10.0	10.8	10.0

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:	28-CC-SW07
Laboratory Sample ID:	940246-18
Date Sampled:	3/27/94

	UNITS		
Aluminum	UG/L	699	
Antimony	UG/L	34.0	U
Arsenic	UG/L	3.0	U
Barium	UG/L	12.8	
Beryllium	UG/L	1.0	U
Cadmium	UG/L	3.0	U
Calcium	UG/L	35200	
Chromium	UG/L	7.0	U
Cobalt	UG/L	4.0	U
Copper	UG/L	6.0	U
Iron	UG/L	948	J
Lead	UG/L	2.7	
Magnesium	UG/L	5500	
Manganese	UG/L	20.2	
Mercury	UG/L	0.13	U
Nickel	UG/L	7.0	U
Potassium	UG/L	1770	J
Selenium	UG/L	4.0	U
Silver	UG/L	5.0	UJ
Sodium	UG/L	29900	J
Thallium	UG/L	4.0	U
Vanadium	UG/L	3.0	U
Zinc	UG/L	8.0	

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Aluminum	UG/L	NA	NA	347	936	28-CC-SW01	7/7
Antimony	UG/L	34 U	34 U	ND	ND		0/7
Arsenic	UG/L	3 U	3 U	3.9	3.9	28-CC-SW03	1/7
Barium	UG/L	NA	NA	12.8	21	28-CC-SW01	7/7
Beryllium	UG/L	1 U	1 U	ND	ND		0/7
Cadmium	UG/L	3 U	3 U	ND	ND		0/7
Calcium	UG/L	NA	NA	29500	45900	28-CC-SW06	7/7
Chromium	UG/L	7 U	7 U	ND	ND		0/7
Cobalt	UG/L	4 U	4 U	ND	ND		0/7
Copper	UG/L	6 U	6 U	6.2	6.2	28-CC-SW06	1/7
Iron	UG/L	NA	NA	838 J	1390 J	28-CC-SW01	7/7
Lead	UG/L	NA	NA	1.9	4.2	28-CC-SW06	7/7
Magnesium	UG/L	NA	NA	3030	22500	28-CC-SW02	7/7
Manganese	UG/L	NA	NA	20.2	56.1	28-CC-SW01	7/7
Mercury	UG/L	0.13 U	0.13 U	ND	ND		0/7
Nickel	UG/L	7 U	7 U	7.2	7.2	28-CC-SW01	1/7
Potassium	UG/L	NA	NA	1660 J	7720 J	28-CC-SW02	7/7
Selenium	UG/L	4 U	4 U	ND	ND		0/7
Silver	UG/L	5 UJ	5 UJ	ND	ND		0/7
Sodium	UG/L	NA	NA	15200 J	183000 J	28-CC-SW02	7/7
Thallium	UG/L	4 U	4 U	ND	ND		0/7
Vanadium	UG/L	3 U	3 U	3.6	3.6	28-CC-SW01	1/7
Zinc	UG/L	14.2 U	14.2 U	8	13	28-CC-SW02	6/7

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SW01	28-NR-SW02	28-NR-SW03	28-NR-SW04	28-NR-SW05
Laboratory Sample ID:		940248-31	940248-32	940250-10	940250-27	940250-29
Date Sampled:		3/28/94	3/28/94	3/28/94	3/29/94	3/29/94
	UNITS					
VOLATILES						
Chloromethane	UG/L	10 U	10 U	10 U	10 U	10 U
Bromomethane	UG/L	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	UG/L	10 U	10 U	10 U	10 U	10 U
Chloroethane	UG/L	10 U	10 U	10 U	10 U	10 U
Methylene chloride	UG/L	10 U	10 U	10 U	10 U	10 U
Acetone	UG/L	10 U	10 U	10 U	10 U	14 J
Carbon Disulfide	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	UG/L	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene(total)	UG/L	10 U	10 U	10 U	10 U	10 U
Chloroform	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	UG/L	10 U	10 U	10 U	10 U	10 U
2-Butanone	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	UG/L	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	UG/L	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	UG/L	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	UG/L	10 U	10 U	10 U	10 U	10 U
Trichloroethene	UG/L	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	UG/L	10 U	10 U	10 U	10 U	10 U
Benzene	UG/L	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	UG/L	10 U	10 U	10 U	10 U	10 U
Bromoform	UG/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	UG/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	UG/L	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	UG/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	UG/L	10 U	10 U	10 U	10 U	10 U
Toluene	UG/L	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	UG/L	10 U	10 U	10 U	10 U	10 U
Styrene	UG/L	10 U	10 U	10 U	10 U	10 U
Xylenes (total)	UG/L	10 U	10 U	10 U	10 U	10 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SW01	28-NR-SW02	28-NR-SW03	28-NR-SW04	28-NR-SW05
Laboratory Sample ID:		940248-31	940248-32	940250-10	940250-27	940250-29
Date Sampled:		3/28/94	3/28/94	3/28/94	3/29/94	3/29/94
	UNITS					
SEMIVOLATILES						
Phenol	UG/L	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl) ether	UG/L	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	UG/L	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	UG/L	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	UG/L	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	UG/L	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	UG/L	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	UG/L	10 U	10 U	10 U	10 U	10 U
Isophorone	UG/L	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	UG/L	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	UG/L	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy) methane	UG/L	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	UG/L	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U
Naphthalene	UG/L	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	UG/L	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	UG/L	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	UG/L	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	UG/L	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	UG/L	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	UG/L	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	UG/L	25 U	25 U	25 U	25 U	25 U
2-Chloronaphthalene	UG/L	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	UG/L	25 U	25 U	25 U	25 U	25 U
Dimethyl phthalate	UG/L	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	UG/L	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	UG/L	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	UG/L	25 U	25 U	25 U	25 U	25 U
Acenaphthene	UG/L	10 U	10 U	10 U	10 U	10 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SW01	28-NR-SW02	28-NR-SW03	28-NR-SW04	28-NR-SW05
Laboratory Sample ID:		940248-31	940248-32	940250-10	940250-27	940250-29
Date Sampled:		3/28/94	3/28/94	3/28/94	3/29/94	3/29/94
	UNITS					
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/L	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	UG/L	25 U	25 U	25 U	25 U	25 U
Dibenzofuran	UG/L	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	UG/L	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	UG/L	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	UG/L	10 U	10 U	10 U	10 U	10 U
Fluorene	UG/L	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	UG/L	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	UG/L	25 U	25 U	25 U	25 U	25 U
N-nitrosodiphenylamine	UG/L	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	UG/L	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	UG/L	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	UG/L	25 U	25 U	25 U	25 U	25 U
Phenanthrene	UG/L	10 U	1 J	10 U	10 U	10 U
Anthracene	UG/L	10 U	10 U	10 U	10 U	10 U
Carbazole	UG/L	10 U	10 U	10 UJ	10 UJ	10 UJ
di-n-Butylphthalate	UG/L	10 U	10 U	10 U	10 U	10 U
Fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U
Pyrene	UG/L	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	UG/L	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	UG/L	10 U	10 U	10 U	10 U	10 U
Benzo[a]anthracene	UG/L	10 U	10 U	10 U	10 U	10 U
Chrysene	UG/L	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	10 U	2 J	10 U	1 J	600
di-n-Octylphthalate	UG/L	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	UG/L	10 U	10 U	10 U	10 U	10 U
Indeno[1,2,3-cd]pyrene	UG/L	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	UG/L	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	UG/L	10 U	10 U	10 U	10 U	10 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SW01	28-NR-SW02	28-NR-SW03	28-NR-SW04	28-NR-SW05
Laboratory Sample ID:		940248-31	940248-32	940250-10	940250-27	940250-29
Date Sampled:		3/28/94	3/28/94	3/28/94	3/29/94	3/29/94
	UNITS					
PESTICIDES/PCBs						
alpha-BHC	UG/L	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
beta-BHC	UG/L	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
delta-BHC	UG/L	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Lindane (gamma-BHC)	UG/L	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Heptachlor	UG/L	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Aldrin	UG/L	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Heptachlor epoxide	UG/L	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Endosulfan I	UG/L	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Dieldrin	UG/L	0.10 U	0.10 UJ	0.10 U	0.10 UJ	0.10 UJ
4,4'-DDE	UG/L	0.10 U	0.10 UJ	0.04 J	0.10 UJ	0.10 UJ
Endrin	UG/L	0.10 U	0.10 UJ	0.10 U	0.10 UJ	0.10 UJ
Endosulfan II	UG/L	0.10 U	0.10 UJ	0.10 U	0.10 UJ	0.10 UJ
4,4'-DDD	UG/L	0.10 U	0.10 UJ	0.05 J	0.10 UJ	0.10 UJ
Endosulfan sulfate	UG/L	0.10 U	0.10 UJ	0.10 U	0.10 UJ	0.10 UJ
4,4'-DDT	UG/L	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ	0.10 UJ
Methoxychlor	UG/L	0.50 U	0.50 UJ	0.50 U	0.50 UJ	0.50 UJ
Endrin ketone	UG/L	0.10 U	0.10 UJ	0.10 U	0.10 UJ	0.10 UJ
Endrin aldehyde	UG/L	0.10 U	0.10 UJ	0.10 U	0.10 UJ	0.10 UJ
alpha-Chlordane	UG/L	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
gamma-Chlordane	UG/L	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Toxaphene	UG/L	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
Aroclor 1016	UG/L	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ
Aroclor 1221	UG/L	2.0 U	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ
Aroclor 1232	UG/L	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ
Aroclor 1242	UG/L	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ
Aroclor 1248	UG/L	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ
Aroclor 1254	UG/L	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ
Aroclor 1260	UG/L	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
	UNITS						
VOLATILES							
Chloromethane	UG/L	10 U	10 U	ND	ND		0/5
Bromomethane	UG/L	10 U	10 U	ND	ND		0/5
Vinyl chloride	UG/L	10 U	10 U	ND	ND		0/5
Chloroethane	UG/L	10 U	10 U	ND	ND		0/5
Methylene chloride	UG/L	10 U	10 U	ND	ND		0/5
Acetone	UG/L	10 U	10 U	14 J	14 J	28-NR-SW05	1/5
Carbon Disulfide	UG/L	10 U	10 U	ND	ND		0/5
1,1-Dichloroethene	UG/L	10 U	10 U	ND	ND		0/5
1,1-Dichloroethane	UG/L	10 U	10 U	ND	ND		0/5
1,2-Dichloroethene(total)	UG/L	10 U	10 U	ND	ND		0/5
Chloroform	UG/L	10 U	10 U	ND	ND		0/5
1,2-Dichloroethane	UG/L	10 U	10 U	ND	ND		0/5
2-Butanone	UG/L	10 U	10 U	ND	ND		0/5
1,1,1-Trichloroethane	UG/L	10 U	10 U	ND	ND		0/5
Carbon tetrachloride	UG/L	10 U	10 U	ND	ND		0/5
Bromodichloromethane	UG/L	10 U	10 U	ND	ND		0/5
1,2-Dichloropropane	UG/L	10 U	10 U	ND	ND		0/5
cis-1,3-Dichloropropene	UG/L	10 U	10 U	ND	ND		0/5
Trichloroethene	UG/L	10 U	10 U	ND	ND		0/5
Dibromochloromethane	UG/L	10 U	10 U	ND	ND		0/5
1,1,2-Trichloroethane	UG/L	10 U	10 U	ND	ND		0/5
Benzene	UG/L	10 U	10 U	ND	ND		0/5
trans-1,3-Dichloropropene	UG/L	10 U	10 U	ND	ND		0/5
Bromoform	UG/L	10 U	10 U	ND	ND		0/5
4-Methyl-2-pentanone	UG/L	10 U	10 U	ND	ND		0/5
2-Hexanone	UG/L	10 U	10 U	ND	ND		0/5
Tetrachloroethene	UG/L	10 U	10 U	ND	ND		0/5
1,1,2,2-Tetrachloroethane	UG/L	10 U	10 U	ND	ND		0/5
Toluene	UG/L	10 U	10 U	ND	ND		0/5
Chlorobenzene	UG/L	10 U	10 U	ND	ND		0/5
Ethylbenzene	UG/L	10 U	10 U	ND	ND		0/5
Styrene	UG/L	10 U	10 U	ND	ND		0/5
Xylenes (total)	UG/L	10 U	10 U	ND	ND		0/5

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/L	10 U	10 U	ND	ND		0/5
bis(2-Chloroethyl) ether	UG/L	10 U	10 U	ND	ND		0/5
2-Chlorophenol	UG/L	10 U	10 U	ND	ND		0/5
1,3-Dichlorobenzene	UG/L	10 U	10 U	ND	ND		0/5
1,4-Dichlorobenzene	UG/L	10 U	10 U	ND	ND		0/5
1,2-Dichlorobenzene	UG/L	10 U	10 U	ND	ND		0/5
2-Methylphenol	UG/L	10 U	10 U	ND	ND		0/5
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	10 U	ND	ND		0/5
4-Methylphenol	UG/L	10 U	10 U	ND	ND		0/5
N-Nitroso-di-n-propylamine	UG/L	10 U	10 U	ND	ND		0/5
Hexachloroethane	UG/L	10 U	10 U	ND	ND		0/5
Nitrobenzene	UG/L	10 U	10 U	ND	ND		0/5
Isophorone	UG/L	10 U	10 U	ND	ND		0/5
2-Nitrophenol	UG/L	10 U	10 U	ND	ND		0/5
2,4-Dimethylphenol	UG/L	10 U	10 U	ND	ND		0/5
bis(2-Chloroethoxy) methane	UG/L	10 U	10 U	ND	ND		0/5
2,4-Dichlorophenol	UG/L	10 U	10 U	ND	ND		0/5
1,2,4-Trichlorobenzene	UG/L	10 U	10 U	ND	ND		0/5
Naphthalene	UG/L	10 U	10 U	ND	ND		0/5
4-Chloroaniline	UG/L	10 U	10 U	ND	ND		0/5
Hexachlorobutadiene	UG/L	10 U	10 U	ND	ND		0/5
4-Chloro-3-methylphenol	UG/L	10 U	10 U	ND	ND		0/5
2-Methylnaphthalene	UG/L	10 U	10 U	ND	ND		0/5
Hexachlorocyclopentadiene	UG/L	10 U	10 U	ND	ND		0/5
2,4,6-Trichlorophenol	UG/L	10 U	10 U	ND	ND		0/5
2,4,5-Trichlorophenol	UG/L	25 U	25 U	ND	ND		0/5
2-Chloronaphthalene	UG/L	10 U	10 U	ND	ND		0/5
2-Nitroaniline	UG/L	25 U	25 U	ND	ND		0/5
Dimethyl phthalate	UG/L	10 U	10 U	ND	ND		0/5
Acenaphthylene	UG/L	10 U	10 U	ND	ND		0/5
2,6-Dinitrotoluene	UG/L	10 U	10 U	ND	ND		0/5
3-Nitroaniline	UG/L	25 U	25 U	ND	ND		0/5
Acenaphthene	UG/L	10 U	10 U	ND	ND		0/5

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	25 U	25 U	ND	ND		0/5
4-Nitrophenol	UG/L	25 U	25 U	ND	ND		0/5
Dibenzofuran	UG/L	10 U	10 U	ND	ND		0/5
2,4-Dinitrotoluene	UG/L	10 U	10 U	ND	ND		0/5
Diethylphthalate	UG/L	10 U	10 U	ND	ND		0/5
4-Chlorophenyl phenyl ether	UG/L	10 U	10 U	ND	ND		0/5
Fluorene	UG/L	10 U	10 U	ND	ND		0/5
4-Nitroaniline	UG/L	25 U	25 U	ND	ND		0/5
4,6-Dinitro-2-methylphenol	UG/L	25 U	25 U	ND	ND		0/5
N-nitrosodiphenylamine	UG/L	10 U	10 U	ND	ND		0/5
4-Bromophenyl-phenylether	UG/L	10 U	10 U	ND	ND		0/5
Hexachlorobenzene	UG/L	10 U	10 U	ND	ND		0/5
Pentachlorophenol	UG/L	25 U	25 U	ND	ND		0/5
Phenanthrene	UG/L	10 U	10 U	1.4 J	1.4 J	28-NR-SW02	1/5
Anthracene	UG/L	10 U	10 U	ND	ND		0/5
Carbazole	UG/L	10 U	10 U	ND	ND		0/5
di-n-Butylphthalate	UG/L	10 U	10 U	ND	ND		0/5
Fluoranthene	UG/L	10 U	10 U	ND	ND		0/5
Pyrene	UG/L	10 U	10 U	ND	ND		0/5
Butyl benzyl phthalate	UG/L	10 U	10 U	ND	ND		0/5
3,3'-Dichlorobenzidine	UG/L	10 U	10 U	ND	ND		0/5
Benzo[a]anthracene	UG/L	10 U	10 U	ND	ND		0/5
Chrysene	UG/L	10 U	10 U	ND	ND		0/5
bis(2-Ethylhexyl)phthalate	UG/L	10 U	10 U	1.2 J	600	28-NR-SW05	3/5
di-n-Octylphthalate	UG/L	10 U	10 U	ND	ND		0/5
Benzo[b]fluoranthene	UG/L	10 U	10 U	ND	ND		0/5
Benzo[k]fluoranthene	UG/L	10 U	10 U	ND	ND		0/5
Benzo[a]pyrene	UG/L	10 U	10 U	ND	ND		0/5
Indeno[1,2,3-cd]pyrene	UG/L	10 U	10 U	ND	ND		0/5
Dibenz[a,h]anthracene	UG/L	10 U	10 U	ND	ND		0/5
Benzo[g,h,i]perylene	UG/L	10 U	10 U	ND	ND		0/5

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
PESTICIDES/PCBs							
alpha-BHC	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
beta-BHC	UG/L	0.05 U	0.05 U	ND	ND		0/5
delta-BHC	UG/L	0.05 U	0.05 U	ND	ND		0/5
Lindane (gamma-BHC)	UG/L	0.05 UJ	0.05 UJ	ND	ND		0/5
Heptachlor	UG/L	0.05 U	0.05 U	ND	ND		0/5
Aldrin	UG/L	0.05 U	0.05 U	ND	ND		0/5
Heptachlor epoxide	UG/L	0.05 U	0.05 U	ND	ND		0/5
Endosulfan I	UG/L	0.05 U	0.05 U	ND	ND		0/5
Dieldrin	UG/L	0.1 U	0.1 U	ND	ND		0/5
4,4'-DDE	UG/L	0.1 U	0.1 U	0.04 J	0.04 J	28-NR-SW03	1/5
Endrin	UG/L	0.1 U	0.1 U	ND	ND		0/5
Endosulfan II	UG/L	0.1 U	0.1 U	ND	ND		0/5
4,4'-DDD	UG/L	0.1 U	0.1 U	0.05 J	0.05 J	28-NR-SW03	1/5
Endosulfan sulfate	UG/L	0.1 U	0.1 U	ND	ND		0/5
4,4'-DDT	UG/L	0.1 UJ	0.1 UJ	ND	ND		0/5
Methoxychlor	UG/L	0.5 U	0.5 U	ND	ND		0/5
Endrin ketone	UG/L	0.1 U	0.1 U	ND	ND		0/5
Endrin aldehyde	UG/L	0.1 U	0.1 U	ND	ND		0/5
alpha-Chlordane	UG/L	0.05 U	0.05 U	ND	ND		0/5
gamma-Chlordane	UG/L	0.05 U	0.05 U	ND	ND		0/5
Toxaphene	UG/L	5 U	5 U	ND	ND		0/5
Aroclor 1016	UG/L	1 U	1 U	ND	ND		0/5
Aroclor 1221	UG/L	2 U	2 U	ND	ND		0/5
Aroclor 1232	UG/L	1 U	1 U	ND	ND		0/5
Aroclor 1242	UG/L	1 U	1 U	ND	ND		0/5
Aroclor 1248	UG/L	1 U	1 U	ND	ND		0/5
Aroclor 1254	UG/L	1 U	1 U	ND	ND		0/5
Aroclor 1260	UG/L	1 U	1 U	ND	ND		0/5

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-NR-SW01	28-NR-SW02	28-NR-SW03	28-NR-SW04	28-NR-SW05
Laboratory Sample ID:		940248-31	940248-32	940250-10	940250-27	940250-29
Date Sampled:		3/28/94	3/28/94	3/28/94	3/29/94	3/29/94
	UNITS					
Aluminum	UG/L	1660	1660	1090	817	1270
Antimony	UG/L	34.0 U	34.0 U	34.0 U	34.0 U	34.0 U
Arsenic	UG/L	3.0 UJ	4.3 J	4.3	3.0 U	4.2
Barium	UG/L	20.5	17.4	16.8	17.3	17.7
Beryllium	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	UG/L	3.0 U	4.2	3.8	3.0 U	3.0 U
Calcium	UG/L	130000	119000	115000	36700	47600
Chromium	UG/L	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U
Cobalt	UG/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Copper	UG/L	18.1	7.2	6.6	6.0 U	6.0 U
Iron	UG/L	2010 J	1530 J	1440 J	1190	1590
Lead	UG/L	23.4	1.0 U	3.1	1.0 U	1.7
Magnesium	UG/L	396000	362000	337000	4910 J	55300 J
Manganese	UG/L	24.3 J	20.7 J	29.1	49.8	43.4
Mercury	UG/L	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U
Nickel	UG/L	7.0 U	7.0 U	7.0 U	7.0 U	8.2
Potassium	UG/L	131000 J	119000 J	109000 J	2310 J	17700 J
Selenium	UG/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Silver	UG/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Sodium	UG/L	3430000 J	3040000 J	3040000 J	31100 J	443000 J
Thallium	UG/L	4.0 U	4.0 U	4.0 U	5.6 J	4.0 U
Vanadium	UG/L	4.9	6.1	3.6	3.0 U	3.0 U
Zinc	UG/L	27.4	10.4	363	9.2 U	6.7 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Aluminum	UG/L	NA	NA	817	1660	28-NR-SW02	5/5
Antimony	UG/L	34 U	34 U	ND	ND		0/5
Arsenic	UG/L	3 UJ	3 UJ	4.2	4.3 J	28-NR-SW03	3/5
Barium	UG/L	NA	NA	16.8	20.5	28-NR-SW01	5/5
Beryllium	UG/L	1 U	1 U	ND	ND		0/5
Cadmium	UG/L	3 U	3 U	3.8	4.2	28-NR-SW02	2/5
Calcium	UG/L	NA	NA	36700	130000	28-NR-SW01	5/5
Chromium	UG/L	7 U	7 U	ND	ND		0/5
Cobalt	UG/L	4 U	4 U	ND	ND		0/5
Copper	UG/L	6 U	6 U	6.6	18.1	28-NR-SW01	3/5
Iron	UG/L	NA	NA	1190	2010 J	28-NR-SW01	5/5
Lead	UG/L	1 U	1 U	1.7	23.4	28-NR-SW01	3/5
Magnesium	UG/L	NA	NA	4910 J	396000	28-NR-SW01	5/5
Manganese	UG/L	NA	NA	20.7 J	49.8	28-NR-SW04	5/5
Mercury	UG/L	0.14 U	0.15 U	ND	ND		0/5
Nickel	UG/L	7 U	7 U	8.2	8.2	28-NR-SW05	1/5
Potassium	UG/L	NA	NA	2310 J	131000 J	28-NR-SW01	5/5
Selenium	UG/L	4 U	4 U	ND	ND		0/5
Silver	UG/L	5 UJ	5 UJ	ND	ND		0/5
Sodium	UG/L	NA	NA	31100 J	3430000 J	28-NR-SW01	5/5
Thallium	UG/L	4 U	4 U	5.6 J	5.6 J	28-NR-SW04	1/5
Vanadium	UG/L	3 U	3 U	3.6	6.1	28-NR-SW02	3/5
Zinc	UG/L	6.7 U	9.2 U	10.4	363	28-NR-SW03	3/5

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-OP-SD01-06	28-OP-SD01-612	28-OP-SD02-06	28-OP-SD02-612
Laboratory Sample ID:		940248-33	940248-35	940248-36	940248-37
Date Sampled:		3/28/94	3/28/94	3/28/94	3/28/94
	UNITS				
VOLATILES					
Chloromethane	UG/KG	14 U	17 U	13 U	19 U
Bromomethane	UG/KG	14 U	17 U	13 U	19 U
Vinyl chloride	UG/KG	14 U	17 U	13 U	19 U
Chloroethane	UG/KG	14 U	17 U	13 U	19 U
Methylene chloride	UG/KG	14 U	17 U	13 U	19 U
Acetone	UG/KG	79 J	46 J	37 J	130 J
Carbon Disulfide	UG/KG	14 U	17 U	13 U	19 U
1,1-Dichloroethene	UG/KG	14 U	17 U	13 U	19 U
1,1-Dichloroethane	UG/KG	14 U	17 U	13 U	19 U
1,2-Dichloroethene(total)	UG/KG	14 U	17 U	13 U	19 U
Chloroform	UG/KG	14 U	17 U	13 U	19 U
1,2-Dichloroethane	UG/KG	14 U	17 U	13 U	19 U
2-Butanone	UG/KG	19 J	17 U	14 J	35 J
1,1,1-Trichloroethane	UG/KG	14 U	17 U	13 U	19 U
Carbon tetrachloride	UG/KG	14 U	17 U	13 U	19 U
Bromodichloromethane	UG/KG	14 U	17 U	13 U	19 U
1,2-Dichloropropane	UG/KG	14 U	17 U	13 U	19 U
cis-1,3-Dichloropropene	UG/KG	14 U	17 U	13 U	19 U
Trichloroethene	UG/KG	14 U	17 U	13 U	19 U
Dibromochloromethane	UG/KG	14 U	17 U	13 U	19 U
1,1,2-Trichloroethane	UG/KG	14 U	17 U	13 U	19 U
Benzene	UG/KG	14 U	17 U	13 U	19 U
trans-1,3-Dichloropropene	UG/KG	14 U	17 U	13 U	19 U
Bromoform	UG/KG	14 U	17 U	13 U	19 U
4-Methyl-2-pentanone	UG/KG	14 U	17 U	13 U	19 U
2-Hexanone	UG/KG	14 U	17 U	13 U	19 U
Tetrachloroethene	UG/KG	14 U	17 U	13 U	19 U
1,1,2,2-Tetrachloroethane	UG/KG	14 U	17 U	13 U	19 U
Toluene	UG/KG	14 U	17 U	2 J	4 J
Chlorobenzene	UG/KG	14 U	17 U	13 U	19 U
Ethylbenzene	UG/KG	14 U	17 U	13 U	19 U
Styrene	UG/KG	14 U	17 U	13 U	19 U
Xylenes (total)	UG/KG	14 U	17 U	13 U	19 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-OP-SD01-06	28-OP-SD01-612	28-OP-SD02-06	28-OP-SD02-612
Laboratory Sample ID:		940248-33	940248-35	940248-36	940248-37
Date Sampled:		3/28/94	3/28/94	3/28/94	3/28/94
	UNITS				
SEMIVOLATILES					
Phenol	UG/KG	470 U	480 U	NA	400 U
bis(2-Chloroethyl) ether	UG/KG	470 U	480 U	NA	400 U
2-Chlorophenol	UG/KG	470 U	480 U	NA	400 U
1,3-Dichlorobenzene	UG/KG	470 U	480 U	NA	400 U
1,4-Dichlorobenzene	UG/KG	470 U	480 U	NA	400 U
1,2-Dichlorobenzene	UG/KG	470 U	480 U	NA	400 U
2-Methylphenol	UG/KG	470 U	480 U	NA	400 U
2,2'-oxybis-(1-chloropropane)	UG/KG	470 U	480 U	NA	400 U
4-Methylphenol	UG/KG	470 U	480 U	NA	400 U
N-Nitroso-di-n-propylamine	UG/KG	470 U	480 U	NA	400 U
Hexachloroethane	UG/KG	470 U	480 U	NA	400 U
Nitrobenzene	UG/KG	470 U	480 U	NA	400 U
Isophorone	UG/KG	470 U	480 U	NA	400 U
2-Nitrophenol	UG/KG	470 U	480 U	NA	400 U
2,4-Dimethylphenol	UG/KG	470 U	480 U	NA	400 U
bis(2-Chloroethoxy) methane	UG/KG	470 U	480 U	NA	400 U
2,4-Dichlorophenol	UG/KG	470 U	480 U	NA	400 U
1,2,4-Trichlorobenzene	UG/KG	470 U	480 U	NA	400 U
Naphthalene	UG/KG	470 U	480 U	NA	400 U
4-Chloroaniline	UG/KG	470 UJ	480 U	NA	400 U
Hexachlorobutadiene	UG/KG	470 U	480 U	NA	400 U
4-Chloro-3-methylphenol	UG/KG	470 U	480 U	NA	400 U
2-Methylnaphthalene	UG/KG	470 U	480 U	NA	400 U
Hexachlorocyclopentadiene	UG/KG	470 U	480 U	NA	400 U
2,4,6-Trichlorophenol	UG/KG	470 U	480 U	NA	400 U
2,4,5-Trichlorophenol	UG/KG	1100 U	1200 U	NA	980 U
2-Chloronaphthalene	UG/KG	470 U	480 U	NA	400 U
2-Nitroaniline	UG/KG	1100 U	1200 U	NA	980 U
Dimethyl phthalate	UG/KG	470 U	480 U	NA	400 U
Acenaphthylene	UG/KG	470 U	480 U	NA	400 U
2,6-Dinitrotoluene	UG/KG	470 U	480 U	NA	400 U
3-Nitroaniline	UG/KG	1100 U	1200 U	NA	980 U
Acenaphthene	UG/KG	470 U	480 U	NA	400 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-OP-SD01-06	28-OP-SD01-612	28-OP-SD02-06	28-OP-SD02-612
Laboratory Sample ID:		940248-33	940248-35	940248-36	940248-37
Date Sampled:		3/28/94	3/28/94	3/28/94	3/28/94
	UNITS				
SEMIVOLATILES Cont.					
2,4-Dinitrophenol	UG/KG	1100 U	1200 U	NA	980 U
4-Nitrophenol	UG/KG	1100 U	1200 U	NA	980 U
Dibenzofuran	UG/KG	470 U	480 U	NA	400 U
2,4-Dinitrotoluene	UG/KG	470 U	480 U	NA	400 U
Diethylphthalate	UG/KG	470 U	480 U	NA	400 U
4-Chlorophenyl phenyl ether	UG/KG	470 U	480 U	NA	400 U
Fluorene	UG/KG	470 U	480 U	NA	400 U
4-Nitroaniline	UG/KG	1100 UJ	1200 U	NA	980 U
4,6-Dinitro-2-methylphenol	UG/KG	1100 U	1200 U	NA	980 U
N-nitrosodiphenylamine	UG/KG	470 U	480 U	NA	400 U
4-Bromophenyl-phenylether	UG/KG	470 U	480 U	NA	400 U
Hexachlorobenzene	UG/KG	470 U	480 U	NA	400 U
Pentachlorophenol	UG/KG	1100 U	1200 U	NA	980 U
Phenanthrene	UG/KG	470 U	480 U	NA	400 U
Anthracene	UG/KG	470 U	480 U	NA	400 U
Carbazole	UG/KG	470 U	480 U	NA	400 U
di-n-Butylphthalate	UG/KG	470 U	480 U	NA	400 U
Fluoranthene	UG/KG	470 U	480 U	NA	400 U
Pyrene	UG/KG	470 U	480 U	NA	400 U
Butyl benzyl phthalate	UG/KG	470 U	480 U	NA	400 U
3,3'-Dichlorobenzidine	UG/KG	470 U	480 U	NA	400 U
Benzo[a]anthracene	UG/KG	470 U	480 U	NA	400 U
Chrysene	UG/KG	470 U	480 U	NA	400 U
bis(2-Ethylhexyl)phthalate	UG/KG	120 J	120 J	NA	430
di-n-Octylphthalate	UG/KG	470 U	480 U	NA	400 U
Benzo[b]fluoranthene	UG/KG	470 U	480 U	NA	400 U
Benzo[k]fluoranthene	UG/KG	470 U	480 U	NA	400 U
Benzo[a]pyrene	UG/KG	470 U	480 U	NA	400 U
Indeno[1,2,3-cd]pyrene	UG/KG	470 U	480 U	NA	400 U
Dibenz[a,h]anthracene	UG/KG	470 U	480 U	NA	400 U
Benzo[g,h,i]perylene	UG/KG	470 U	480 U	NA	400 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-OP-SD01-06	28-OP-SD01-612	28-OP-SD02-06	28-OP-SD02-612
Laboratory Sample ID:		940248-33	940248-35	940248-36	940248-37
Date Sampled:		3/28/94	3/28/94	3/28/94	3/28/94
	UNITS				
PESTICIDES/PCBs					
alpha-BHC	UG/KG	2.4 UJ	2.5 R	NA	2.1 UJ
beta-BHC	UG/KG	2.4 UJ	2.5 R	NA	2.1 U
delta-BHC	UG/KG	2.4 UJ	2.5 R	NA	2.1 U
Lindane (gamma-BHC)	UG/KG	2.4 UJ	2.5 R	NA	2.1 UJ
Heptachlor	UG/KG	2.4 UJ	2.5 R	NA	2.1 U
Aldrin	UG/KG	2.4 UJ	2.5 R	NA	2.1 U
Heptachlor epoxide	UG/KG	2.4 UJ	2.5 R	NA	2.1 U
Endosulfan I	UG/KG	2.4 UJ	2.5 R	NA	2.1 U
Dieldrin	UG/KG	4.7 UJ	4.8 R	NA	4.0 U
4,4'-DDE	UG/KG	4.7 UJ	4.8 R	NA	4.0 U
Endrin	UG/KG	4.7 R	4.8 R	NA	4.0 U
Endosulfan II	UG/KG	4.7 UJ	4.8 R	NA	4.0 U
4,4'-DDD	UG/KG	8.3 J	4.8 R	NA	4.0 U
Endosulfan sulfate	UG/KG	4.7 UJ	4.8 R	NA	4.0 U
4,4'-DDT	UG/KG	4.7 UJ	4.8 R	NA	4.0 UJ
Methoxychlor	UG/KG	24 UJ	25 R	NA	21 U
Endrin ketone	UG/KG	4.7 UJ	4.8 R	NA	4.0 U
Endrin aldehyde	UG/KG	4.7 UJ	4.8 R	NA	4.0 U
alpha-Chlordane	UG/KG	2.4 UJ	2.5 R	NA	2.1 U
gamma-Chlordane	UG/KG	2.4 UJ	2.5 R	NA	2.1 U
Toxaphene	UG/KG	240 UJ	250 R	NA	210 U
Aroclor 1016	UG/KG	47 UJ	48 R	NA	40 U
Aroclor 1221	UG/KG	95 UJ	97 R	NA	82 U
Aroclor 1232	UG/KG	47 UJ	48 R	NA	40 U
Aroclor 1242	UG/KG	47 UJ	48 R	NA	40 U
Aroclor 1248	UG/KG	47 UJ	48 R	NA	40 U
Aroclor 1254	UG/KG	47 UJ	48 R	NA	40 U
Aroclor 1260	UG/KG	47 UJ	48 R	NA	40 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/KG	13 U	19 U	ND	ND		0/4
Bromomethane	UG/KG	13 U	19 U	ND	ND		0/4
Vinyl chloride	UG/KG	13 U	19 U	ND	ND		0/4
Chloroethane	UG/KG	13 U	19 U	ND	ND		0/4
Methylene chloride	UG/KG	13 U	19 U	ND	ND		0/4
Acetone	UG/KG	NA	NA	37 J	130 J	28-OP-SD02-612	4/4
Carbon Disulfide	UG/KG	13 U	19 U	ND	ND		0/4
1,1-Dichloroethene	UG/KG	13 U	19 U	ND	ND		0/4
1,1-Dichloroethane	UG/KG	13 U	19 U	ND	ND		0/4
1,2-Dichloroethene(total)	UG/KG	13 U	19 U	ND	ND		0/4
Chloroform	UG/KG	13 U	19 U	ND	ND		0/4
1,2-Dichloroethane	UG/KG	13 U	19 U	ND	ND		0/4
2-Butanone	UG/KG	17 U	17 U	14 J	35 J	28-OP-SD02-612	3/4
1,1,1-Trichloroethane	UG/KG	13 U	19 U	ND	ND		0/4
Carbon tetrachloride	UG/KG	13 U	19 U	ND	ND		0/4
Bromodichloromethane	UG/KG	13 U	19 U	ND	ND		0/4
1,2-Dichloropropane	UG/KG	13 U	19 U	ND	ND		0/4
cis-1,3-Dichloropropene	UG/KG	13 U	19 U	ND	ND		0/4
Trichloroethene	UG/KG	13 U	19 U	ND	ND		0/4
Dibromochloromethane	UG/KG	13 U	19 U	ND	ND		0/4
1,1,2-Trichloroethane	UG/KG	13 U	19 U	ND	ND		0/4
Benzene	UG/KG	13 U	19 U	ND	ND		0/4
trans-1,3-Dichloropropene	UG/KG	13 U	19 U	ND	ND		0/4
Bromoform	UG/KG	13 U	19 U	ND	ND		0/4
4-Methyl-2-pentanone	UG/KG	13 U	19 U	ND	ND		0/4
2-Hexanone	UG/KG	13 U	19 U	ND	ND		0/4
Tetrachloroethene	UG/KG	13 U	19 U	ND	ND		0/4
1,1,2,2-Tetrachloroethane	UG/KG	13 U	19 U	ND	ND		0/4
Toluene	UG/KG	14 U	17 U	2 J	4 J	28-OP-SD02-612	2/4
Chlorobenzene	UG/KG	13 U	19 U	ND	ND		0/4
Ethylbenzene	UG/KG	13 U	19 U	ND	ND		0/4
Styrene	UG/KG	13 U	19 U	ND	ND		0/4
Xylenes (total)	UG/KG	13 U	19 U	ND	ND		0/4

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/KG	400 U	480 U	ND	ND		0/3
bis(2-Chloroethyl) ether	UG/KG	400 U	480 U	ND	ND		0/3
2-Chlorophenol	UG/KG	400 U	480 U	ND	ND		0/3
1,3-Dichlorobenzene	UG/KG	400 U	480 U	ND	ND		0/3
1,4-Dichlorobenzene	UG/KG	400 U	480 U	ND	ND		0/3
1,2-Dichlorobenzene	UG/KG	400 U	480 U	ND	ND		0/3
2-Methylphenol	UG/KG	400 U	480 U	ND	ND		0/3
2,2'-oxybis-(1-chloropropane)	UG/KG	400 U	480 U	ND	ND		0/3
4-Methylphenol	UG/KG	400 U	480 U	ND	ND		0/3
N-Nitroso-di-n-propylamine	UG/KG	400 U	480 U	ND	ND		0/3
Hexachloroethane	UG/KG	400 U	480 U	ND	ND		0/3
Nitrobenzene	UG/KG	400 U	480 U	ND	ND		0/3
Isophorone	UG/KG	400 U	480 U	ND	ND		0/3
2-Nitrophenol	UG/KG	400 U	480 U	ND	ND		0/3
2,4-Dimethylphenol	UG/KG	400 U	480 U	ND	ND		0/3
bis(2-Chloroethoxy) methane	UG/KG	400 U	480 U	ND	ND		0/3
2,4-Dichlorophenol	UG/KG	400 U	480 U	ND	ND		0/3
1,2,4-Trichlorobenzene	UG/KG	400 U	480 U	ND	ND		0/3
Naphthalene	UG/KG	400 U	480 U	ND	ND		0/3
4-Chloroaniline	UG/KG	400 U	480 U	ND	ND		0/3
Hexachlorobutadiene	UG/KG	400 U	480 U	ND	ND		0/3
4-Chloro-3-methylphenol	UG/KG	400 U	480 U	ND	ND		0/3
2-Methylnaphthalene	UG/KG	400 U	480 U	ND	ND		0/3
Hexachlorocyclopentadiene	UG/KG	400 U	480 U	ND	ND		0/3
2,4,6-Trichlorophenol	UG/KG	400 U	480 U	ND	ND		0/3
2,4,5-Trichlorophenol	UG/KG	980 U	1200 U	ND	ND		0/3
2-Chloronaphthalene	UG/KG	400 U	480 U	ND	ND		0/3
2-Nitroaniline	UG/KG	980 U	1200 U	ND	ND		0/3
Dimethyl phthalate	UG/KG	400 U	480 U	ND	ND		0/3
Acenaphthylene	UG/KG	400 U	480 U	ND	ND		0/3
2,6-Dinitrotoluene	UG/KG	400 U	480 U	ND	ND		0/3
3-Nitroaniline	UG/KG	980 U	1200 U	ND	ND		0/3
Acenaphthene	UG/KG	400 U	480 U	ND	ND		0/3

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	980 U	1200 U	ND	ND		0/3
4-Nitrophenol	UG/KG	980 U	1200 U	ND	ND		0/3
Dibenzofuran	UG/KG	400 U	480 U	ND	ND		0/3
2,4-Dinitrotoluene	UG/KG	400 U	480 U	ND	ND		0/3
Diethylphthalate	UG/KG	400 U	480 U	ND	ND		0/3
4-Chlorophenyl phenyl ether	UG/KG	400 U	480 U	ND	ND		0/3
Fluorene	UG/KG	400 U	480 U	ND	ND		0/3
4-Nitroaniline	UG/KG	980 U	1200 U	ND	ND		0/3
4,6-Dinitro-2-methylphenol	UG/KG	980 U	1200 U	ND	ND		0/3
N-nitrosodiphenylamine	UG/KG	400 U	480 U	ND	ND		0/3
4-Bromophenyl-phenylether	UG/KG	400 U	480 U	ND	ND		0/3
Hexachlorobenzene	UG/KG	400 U	480 U	ND	ND		0/3
Pentachlorophenol	UG/KG	980 U	1200 U	ND	ND		0/3
Phenanthrene	UG/KG	400 U	480 U	ND	ND		0/3
Anthracene	UG/KG	400 U	480 U	ND	ND		0/3
Carbazole	UG/KG	400 U	480 U	ND	ND		0/3
di-n-Butylphthalate	UG/KG	400 U	480 U	ND	ND		0/3
Fluoranthene	UG/KG	400 U	480 U	ND	ND		0/3
Pyrene	UG/KG	400 U	480 U	ND	ND		0/3
Butyl benzyl phthalate	UG/KG	400 U	480 U	ND	ND		0/3
3,3'-Dichlorobenzidine	UG/KG	400 U	480 U	ND	ND		0/3
Benzo[a]anthracene	UG/KG	400 U	480 U	ND	ND		0/3
Chrysene	UG/KG	400 U	480 U	ND	ND		0/3
bis(2-Ethylhexyl)phthalate	UG/KG	NA	NA	120 J	430	28-OP-SD02-612	3/3
di-n-Octylphthalate	UG/KG	400 U	480 U	ND	ND		0/3
Benzo[b]fluoranthene	UG/KG	400 U	480 U	ND	ND		0/3
Benzo[k]fluoranthene	UG/KG	400 U	480 U	ND	ND		0/3
Benzo[a]pyrene	UG/KG	400 U	480 U	ND	ND		0/3
Indeno[1,2,3-cd]pyrene	UG/KG	400 U	480 U	ND	ND		0/3
Dibenz[a,h]anthracene	UG/KG	400 U	480 U	ND	ND		0/3
Benzo[g,h,i]perylene	UG/KG	400 U	480 U	ND	ND		0/3

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
PESTICIDES/PCBs							
alpha-BHC	UG/KG	2.1 UJ	2.4 UJ	2.5 R	2.5 R	28-OP-SD01-612	1/3
beta-BHC	UG/KG	2.1 U	2.4 UJ	2.5 R	2.5 R	28-OP-SD01-612	1/3
delta-BHC	UG/KG	2.1 U	2.4 UJ	2.5 R	2.5 R	28-OP-SD01-612	1/3
Lindane (gamma-BHC)	UG/KG	2.1 UJ	2.4 UJ	2.5 R	2.5 R	28-OP-SD01-612	1/3
Heptachlor	UG/KG	2.1 U	2.4 UJ	2.5 R	2.5 R	28-OP-SD01-612	1/3
Aldrin	UG/KG	2.1 U	2.4 UJ	2.5 R	2.5 R	28-OP-SD01-612	1/3
Heptachlor epoxide	UG/KG	2.1 U	2.4 UJ	2.5 R	2.5 R	28-OP-SD01-612	1/3
Endosulfan I	UG/KG	2.1 U	2.4 UJ	2.5 R	2.5 R	28-OP-SD01-612	1/3
Dieldrin	UG/KG	4 U	4.7 UJ	4.8 R	4.8 R	28-OP-SD01-612	1/3
4,4'-DDE	UG/KG	4 U	4.7 UJ	4.8 R	4.8 R	28-OP-SD01-612	1/3
Endrin	UG/KG	4 U	4 U	4.7 R	4.8 R	28-OP-SD01-612	2/3
Endosulfan II	UG/KG	4 U	4.7 UJ	4.8 R	4.8 R	28-OP-SD01-612	1/3
4,4'-DDD	UG/KG	4 U	4 U	4.8 R	8.3 J	28-OP-SD01-06	2/3
Endosulfan sulfate	UG/KG	4 U	4.7 UJ	4.8 R	4.8 R	28-OP-SD01-612	1/3
4,4'-DDT	UG/KG	4 UJ	4.7 UJ	4.8 R	4.8 R	28-OP-SD01-612	1/3
Methoxychlor	UG/KG	21 U	24 UJ	25 R	25 R	28-OP-SD01-612	1/3
Endrin ketone	UG/KG	4 U	4.7 UJ	4.8 R	4.8 R	28-OP-SD01-612	1/3
Endrin aldehyde	UG/KG	4 U	4.7 UJ	4.8 R	4.8 R	28-OP-SD01-612	1/3
alpha-Chlordane	UG/KG	2.1 U	2.4 UJ	2.5 R	2.5 R	28-OP-SD01-612	1/3
gamma-Chlordane	UG/KG	2.1 U	2.4 UJ	2.5 R	2.5 R	28-OP-SD01-612	1/3
Toxaphene	UG/KG	210 U	240 UJ	250 R	250 R	28-OP-SD01-612	1/3
Aroclor 1016	UG/KG	40 U	47 UJ	48 R	48 R	28-OP-SD01-612	1/3
Aroclor 1221	UG/KG	82 U	95 UJ	97 R	97 R	28-OP-SD01-612	1/3
Aroclor 1232	UG/KG	40 U	47 UJ	48 R	48 R	28-OP-SD01-612	1/3
Aroclor 1242	UG/KG	40 U	47 UJ	48 R	48 R	28-OP-SD01-612	1/3
Aroclor 1248	UG/KG	40 U	47 UJ	48 R	48 R	28-OP-SD01-612	1/3
Aroclor 1254	UG/KG	40 U	47 UJ	48 R	48 R	28-OP-SD01-612	1/3
Aroclor 1260	UG/KG	40 U	47 UJ	48 R	48 R	28-OP-SD01-612	1/3

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-OP-SD01-06	28-OP-SD01-612	28-OP-SD02-612
Laboratory Sample ID:		940248-33	940248-35	940248-36
Date Sampled:		3/28/94	3/28/94	3/28/94
Percent Solids		70.0	68.0	81.0
	UNITS			
Aluminum	MG/KG	4340 J	4880 J	2060 J
Antimony	MG/KG	9.3 R	8.9 R	8.3 R
Arsenic	MG/KG	2.3	6.4	0.74 U
Barium	MG/KG	13.5	15.8	6.6
Beryllium	MG/KG	0.27 U	0.32	0.25 U
Cadmium	MG/KG	1.0 U	0.83 U	0.74 U
Calcium	MG/KG	1540 J	1790 J	271 J
Chromium	MG/KG	10.9	11.8	3.6
Cobalt	MG/KG	1.1 U	1.7	0.98 U
Copper	MG/KG	1.7	1.6 U	1.7
Iron	MG/KG	4050 J	4550 J	1240 J
Lead	MG/KG	8.3	7.9	3.8
Magnesium	MG/KG	298	412	52.8
Manganese	MG/KG	6.9	9.8	1.8 J
Mercury	MG/KG	0.06 U	0.06 U	0.05 U
Nickel	MG/KG	2.1	2.2	1.7 U
Potassium	MG/KG	253 J	202 J	59.8 J
Selenium	MG/KG	1.1 U	1.1 U	0.98 U
Silver	MG/KG	1.4 UJ	1.3 UJ	1.2 UJ
Sodium	MG/KG	52.4 U	60.9 U	37.9 U
Thallium	MG/KG	1.1 U	1.1 U	0.98 U
Vanadium	MG/KG	11.3	11.5	4.0
Zinc	MG/KG	4.2	4.4	1.3

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Percent Solids							
Aluminum	MG/KG	NA	NA	2060 J	4880 J	28-OP-SD01-612	3/3
Antimony	MG/KG	NA	NA	8.3 R	9.3 R	28-OP-SD01-06	3/3
Arsenic	MG/KG	0.74 U	0.74 U	2.3	6.4	28-OP-SD01-612	2/3
Barium	MG/KG	NA	NA	6.6	15.8	28-OP-SD01-612	3/3
Beryllium	MG/KG	0.25 U	0.27 U	0.32	0.32	28-OP-SD01-612	1/3
Cadmium	MG/KG	0.74 U	1 U	ND	ND		0/3
Calcium	MG/KG	NA	NA	271 J	1790 J	28-OP-SD01-612	3/3
Chromium	MG/KG	NA	NA	3.6	11.8	28-OP-SD01-612	3/3
Cobalt	MG/KG	0.98 U	1.1 U	1.7	1.7	28-OP-SD01-612	1/3
Copper	MG/KG	1.6 U	1.6 U	1.7	1.7	28-OP-SD02-612	2/3
Iron	MG/KG	NA	NA	1240 J	4550 J	28-OP-SD01-612	3/3
Lead	MG/KG	NA	NA	3.8	8.3	28-OP-SD01-06	3/3
Magnesium	MG/KG	NA	NA	52.8	412	28-OP-SD01-612	3/3
Manganese	MG/KG	NA	NA	1.8 J	9.8	28-OP-SD01-612	3/3
Mercury	MG/KG	0.05 U	0.06 U	ND	ND		0/3
Nickel	MG/KG	1.7 U	1.7 U	2.1	2.2	28-OP-SD01-612	2/3
Potassium	MG/KG	NA	NA	59.8 J	253 J	28-OP-SD01-06	3/3
Selenium	MG/KG	0.98 U	1.1 U	ND	ND		0/3
Silver	MG/KG	1.2 UJ	1.4 UJ	ND	ND		0/3
Sodium	MG/KG	37.9 U	60.9 U	ND	ND		0/3
Thallium	MG/KG	0.98 U	1.1 U	ND	ND		0/3
Vanadium	MG/KG	NA	NA	4	11.5	28-OP-SD01-612	3/3
Zinc	MG/KG	NA	NA	1.3	4.4	28-OP-SD01-612	3/3

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD01-06	28-CC-SD01-612	28-CC-SD02-06	28-CC-SD02-612	28-CC-SD03-06	28-CC-SD03-612
Laboratory Sample ID:		940241-18	940241-19	940246-05	940246-06	940248-26	940248-27
Date Sampled:		3/26/94	3/26/94	3/27/94	3/27/94	3/28/94	3/28/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Bromomethane	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Vinyl chloride	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Chloroethane	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Methylene chloride	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Acetone	UG/KG	32 U	87 U	44 U	90 U	7 J	13 U
Carbon Disulfide	UG/KG	25 U	9 J	12 U	13 U	13 U	13 U
1,1-Dichloroethene	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
1,1-Dichloroethane	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
1,2-Dichloroethene(total)	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Chloroform	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
1,2-Dichloroethane	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
2-Butanone	UG/KG	25 U	24 U	12 U	9 J	13 U	13 U
1,1,1-Trichloroethane	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Carbon tetrachloride	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Bromodichloromethane	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
1,2-Dichloropropane	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
cis-1,3-Dichloropropene	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Trichloroethene	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Dibromochloromethane	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
1,1,2-Trichloroethane	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Benzene	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
trans-1,3-Dichloropropene	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Bromoform	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
4-Methyl-2-pentanone	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
2-Hexanone	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Tetrachloroethene	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
1,1,2,2-Tetrachloroethane	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Toluene	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Chlorobenzene	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Ethylbenzene	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Styrene	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U
Xylenes (total)	UG/KG	25 U	24 U	12 U	13 U	13 U	13 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD01-06	28-CC-SD01-612	28-CC-SD02-06	28-CC-SD02-612	28-CC-SD03-06	28-CC-SD03-612
Laboratory Sample ID:		940241-18	940241-19	940246-05	940246-06	940248-26	940248-27
Date Sampled:		3/26/94	3/26/94	3/27/94	3/27/94	3/28/94	3/28/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	990 U	1200 U	410 U	440 U	420 U	430 U
bis(2-Chloroethyl) ether	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
2-Chlorophenol	UG/KG	990 U	1200 U	410 U	440 U	420 U	430 U
1,3-Dichlorobenzene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
1,4-Dichlorobenzene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
1,2-Dichlorobenzene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
2-Methylphenol	UG/KG	990 U	1200 U	410 U	440 U	420 U	430 U
2,2'-oxybis-(1-chloropropane)	UG/KG	990 UJ	1200 UJ	410 UJ	440 U	420 U	430 U
4-Methylphenol	UG/KG	990 U	1200 U	410 U	440 U	420 U	430 U
N-Nitroso-di-n-propylamine	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
Hexachloroethane	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
Nitrobenzene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
Isophorone	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
2-Nitrophenol	UG/KG	990 U	1200 U	410 U	440 U	420 U	430 U
2,4-Dimethylphenol	UG/KG	990 U	1200 U	410 U	440 U	420 U	430 U
bis(2-Chloroethoxy) methane	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
2,4-Dichlorophenol	UG/KG	990 U	1200 U	410 U	440 U	420 U	430 U
1,2,4-Trichlorobenzene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
Naphthalene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
4-Chloroaniline	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
Hexachlorobutadiene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
4-Chloro-3-methylphenol	UG/KG	990 U	1200 U	410 U	440 U	420 U	430 U
2-Methylnaphthalene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
Hexachlorocyclopentadiene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
2,4,6-Trichlorophenol	UG/KG	990 U	1200 U	410 U	440 U	420 U	430 U
2,4,5-Trichlorophenol	UG/KG	2400 U	2900 U	1000 U	1100 U	1000 U	1000 U
2-Chloronaphthalene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
2-Nitroaniline	UG/KG	2400 U	2900 U	1000 UJ	1100 U	1000 U	1000 U
Dimethyl phthalate	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
Acenaphthylene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
2,6-Dinitrotoluene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
3-Nitroaniline	UG/KG	2400 U	2900 U	1000 UJ	1100 U	1000 U	1000 U
Acenaphthene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD01-06	28-CC-SD01-612	28-CC-SD02-06	28-CC-SD02-612	28-CC-SD03-06	28-CC-SD03-612
Laboratory Sample ID:		940241-18	940241-19	940246-05	940246-06	940248-26	940248-27
Date Sampled:		3/26/94	3/26/94	3/27/94	3/27/94	3/28/94	3/28/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	2400 U	2900 U	1000 U	1100 U	1000 U	1000 U
4-Nitrophenol	UG/KG	2400 U	2900 U	1000 U	1100 U	1000 U	1000 U
Dibenzofuran	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
2,4-Dinitrotoluene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
Diethylphthalate	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
4-Chlorophenyl phenyl ether	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
Fluorene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
4-Nitroaniline	UG/KG	2400 U	2900 U	1000 UJ	1100 U	1000 U	1000 U
4,6-Dinitro-2-methylphenol	UG/KG	2400 U	2900 U	1000 U	1100 U	1000 U	1000 U
N-nitrosodiphenylamine	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
4-Bromophenyl-phenylether	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
Hexachlorobenzene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
Pentachlorophenol	UG/KG	2400 U	2900 U	1000 U	1100 U	1000 U	1000 U
Phenanthrene	UG/KG	990 U	1200 U	410 UJ	440 U	260 J	430 U
Anthracene	UG/KG	990 U	1200 U	410 UJ	440 U	61 J	430 U
Carbazole	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
di-n-Butylphthalate	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
Fluoranthene	UG/KG	990 U	1200 U	81 J	440 U	340 J	77 J
Pyrene	UG/KG	140 J	140 J	73 J	440 U	250 J	63 J
Butyl benzyl phthalate	UG/KG	990 U	1200 U	410 J	440 U	420 U	430 U
3,3'-Dichlorobenzidine	UG/KG	990 U	1200 U	410 J	440 U	420 U	430 U
Benzo[a]anthracene	UG/KG	990 U	1200 U	56 J	440 U	140 J	430 U
Chrysene	UG/KG	990 U	1200 U	58 J	440 U	160 J	430 U
bis(2-Ethylhexyl)phthalate	UG/KG	990 U	1200 U	140 J	250 J	300 J	210 J
di-n-Octylphthalate	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
Benzo[b]fluoranthene	UG/KG	990 U	1200 U	63 J	440 U	420 U	430 U
Benzo[k]fluoranthene	UG/KG	990 U	1200 U	42 J	440 U	420 U	430 U
Benzo[a]pyrene	UG/KG	990 U	1200 U	47 J	440 U	140 J	430 U
Indeno[1,2,3-cd]pyrene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
Dibenz[a,h]anthracene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U
Benzo[g,h,i]perylene	UG/KG	990 U	1200 U	410 UJ	440 U	420 U	430 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD01-06	28-CC-SD01-612	28-CC-SD02-06	28-CC-SD02-612	28-CC-SD03-06	28-CC-SD03-612
Laboratory Sample ID:		940241-18	940241-19	940246-05	940246-06	940248-26	940248-27
Date Sampled:		3/26/94	3/26/94	3/27/94	3/27/94	3/28/94	3/28/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	51 U	61 U	2.1 U	2.2 UJ	2.2 UJ	2.2 UJ
beta-BHC	UG/KG	51 U	61 U	2.1 U	2.2 UJ	2.2 UJ	2.2 UJ
delta-BHC	UG/KG	51 U	61 U	2.1 U	2.2 UJ	2.2 UJ	2.2 UJ
Lindane (gamma-BHC)	UG/KG	51 U	61 U	2.1 U	2.2 UJ	2.2 UJ	2.2 UJ
Heptachlor	UG/KG	51 U	61 U	2.1 U	2.2 UJ	2.2 UJ	2.2 UJ
Aldrin	UG/KG	51 U	61 U	2.1 U	2.2 UJ	2.2 UJ	2.2 UJ
Heptachlor epoxide	UG/KG	51 U	61 U	2.1 U	2.2 UJ	2.2 UJ	2.2 UJ
Endosulfan I	UG/KG	51 U	61 U	2.1 U	2.2 UJ	2.2 UJ	2.2 UJ
Dieldrin	UG/KG	99 U	120 U	4.1 U	4.3 UJ	4.2 UJ	4.3 UJ
4,4'-DDE	UG/KG	160 J	200 J	4.1 U	9.5 J	6.4 J	4.3 UJ
Endrin	UG/KG	99 U	120 U	4.1 U	4.3 UJ	4.2 UJ	4.3 UJ
Endosulfan II	UG/KG	99 U	120 U	4.1 U	4.3 UJ	4.2 UJ	4.3 UJ
4,4'-DDD	UG/KG	370	450 J	4.1 U	4.3 UJ	13 J	4.3 J
Endosulfan sulfate	UG/KG	99 U	120 U	4.1 U	4.3 UJ	4.2 UJ	4.3 UJ
4,4'-DDT	UG/KG	99 U	120 U	4.1 U	4.3 UJ	4.2 UJ	4.3 UJ
Methoxychlor	UG/KG	510 U	610 U	21 U	22 UJ	22 UJ	22 UJ
Endrin ketone	UG/KG	99 U	120 U	4.1 U	4.3 UJ	4.2 UJ	4.3 UJ
Endrin aldehyde	UG/KG	99 U	120 U	4.1 U	4.3 UJ	4.2 UJ	4.3 UJ
alpha-Chlordane	UG/KG	51 U	61 U	2.1 U	2.2 UJ	2.2 UJ	2.2 UJ
gamma-Chlordane	UG/KG	51 U	61 U	2.1 U	2.2 UJ	2.2 UJ	2.2 UJ
Toxaphene	UG/KG	5100 U	6100 U	210 U	220 UJ	220 UJ	220 UJ
Aroclor 1016	UG/KG	990 U	1200 U	41 U	43 UJ	42 UJ	43 UJ
Aroclor 1221	UG/KG	2000 U	2400 U	84 U	87 UJ	85 UJ	87 UJ
Aroclor 1232	UG/KG	990 U	1200 U	41 U	43 UJ	42 UJ	43 UJ
Aroclor 1242	UG/KG	990 U	1200 U	41 U	43 UJ	42 UJ	43 UJ
Aroclor 1248	UG/KG	990 U	1200 U	41 U	43 UJ	42 UJ	43 UJ
Aroclor 1254	UG/KG	990 U	1200 U	41 U	43 UJ	42 UJ	43 UJ
Aroclor 1260	UG/KG	990 U	1200 U	41 U	43 UJ	42 UJ	43 UJ

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD04-06	28-CC-SD04-612	28-CC-SD05-06	28-CC-SD05-612	28-CC-SD06-06	28-CC-SD06-612
Laboratory Sample ID:		940248-28	940248-30	940246-07	940246-08	940246-09	940246-10
Date Sampled:		3/28/94	3/28/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Bromomethane	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Vinyl chloride	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Chloroethane	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Methylene chloride	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Acetone	UG/KG	46 J	58 J	110 U	96 U	23 U	210 U
Carbon Disulfide	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
1,1-Dichloroethene	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
1,1-Dichloroethane	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
1,2-Dichloroethene(total)	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Chloroform	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
1,2-Dichloroethane	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
2-Butanone	UG/KG	16 J	14 J	50 U	83 U	18 U	67 U
1,1,1-Trichloroethane	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Carbon tetrachloride	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Bromodichloromethane	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
1,2-Dichloropropane	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
cis-1,3-Dichloropropene	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Trichloroethene	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Dibromochloromethane	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
1,1,2-Trichloroethane	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Benzene	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
trans-1,3-Dichloropropene	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Bromoform	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
4-Methyl-2-pentanone	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
2-Hexanone	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Tetrachloroethene	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
1,1,2,2-Tetrachloroethane	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Toluene	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Chlorobenzene	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Ethylbenzene	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Styrene	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U
Xylenes (total)	UG/KG	18 U	15 U	50 U	83 U	18 U	67 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD04-06	28-CC-SD04-612	28-CC-SD05-06	28-CC-SD05-612	28-CC-SD06-06	28-CC-SD06-612
Laboratory Sample ID:		940248-28	940248-30	940246-07	940246-08	940246-09	940246-10
Date Sampled:		3/28/94	3/28/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	430 U	420 U	1600 U	2700 U	570 U	2200 U
bis(2-Chloroethyl) ether	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
2-Chlorophenol	UG/KG	430 U	420 U	1600 U	2700 U	570 U	2200 U
1,3-Dichlorobenzene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
1,4-Dichlorobenzene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
1,2-Dichlorobenzene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
2-Methylphenol	UG/KG	430 U	420 U	1600 U	2700 U	570 U	2200 U
2,2'-oxybis-(1-chloropropane)	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
4-Methylphenol	UG/KG	430 U	420 U	1600 U	2700 U	570 U	2200 U
N-Nitroso-di-n-propylamine	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Hexachloroethane	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Nitrobenzene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Isophorone	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
2-Nitrophenol	UG/KG	430 U	420 U	1600 U	2700 U	570 U	2200 U
2,4-Dimethylphenol	UG/KG	430 U	420 U	1600 U	2700 U	570 U	2200 U
bis(2-Chloroethoxy) methane	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
2,4-Dichlorophenol	UG/KG	430 U	420 U	1600 U	2700 U	570 U	2200 U
1,2,4-Trichlorobenzene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Naphthalene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
4-Chloroaniline	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Hexachlorobutadiene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
4-Chloro-3-methylphenol	UG/KG	430 U	420 U	1600 U	2700 U	570 U	2200 U
2-Methylnaphthalene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Hexachlorocyclopentadiene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
2,4,6-Trichlorophenol	UG/KG	430 U	420 U	1600 U	2700 U	570 U	2200 U
2,4,5-Trichlorophenol	UG/KG	1000 U	1000 U	3900 U	6600 U	1400 U	5300 U
2-Chloronaphthalene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
2-Nitroaniline	UG/KG	1000 U	1000 U	3900 U	6600 UJ	1400 U	5300 U
Dimethyl phthalate	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Acenaphthylene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
2,6-Dinitrotoluene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
3-Nitroaniline	UG/KG	1000 U	1000 U	3900 U	6600 UJ	1400 U	5300 U
Acenaphthene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD04-06	28-CC-SD04-612	28-CC-SD05-06	28-CC-SD05-612	28-CC-SD06-06	28-CC-SD06-612
Laboratory Sample ID:		940248-28	940248-30	940246-07	940246-08	940246-09	940246-10
Date Sampled:		3/28/94	3/28/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	1000 U	1000 U	3900 U	6600 U	1400 U	5300 U
4-Nitrophenol	UG/KG	1000 U	1000 U	3900 U	6600 U	1400 U	5300 U
Dibenzofuran	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
2,4-Dinitrotoluene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Diethylphthalate	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
4-Chlorophenyl phenyl ether	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Fluorene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
4-Nitroaniline	UG/KG	1000 U	1000 U	3900 U	6600 UJ	1400 U	5300 U
4,6-Dinitro-2-methylphenol	UG/KG	1000 U	1000 U	3900 U	6600 U	1400 U	5300 U
N-nitrosodiphenylamine	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
4-Bromophenyl-phenylether	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Hexachlorobenzene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Pentachlorophenol	UG/KG	1000 U	1000 U	3900 U	6600 U	1400 U	5300 U
Phenanthrene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Anthracene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Carbazole	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
di-n-Butylphthalate	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Fluoranthene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Pyrene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Butyl benzyl phthalate	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
3,3'-Dichlorobenzidine	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Benzo[a]anthracene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Chrysene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
bis(2-Ethylhexyl)phthalate	UG/KG	110 J	200 J	220 J	480 J	100 J	1700 J
di-n-Octylphthalate	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Benzo[b]fluoranthene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Benzo[k]fluoranthene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Benzo[a]pyrene	UG/KG	440	500	240 J	1700 J	73 J	510 J
Indeno[1,2,3-cd]pyrene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Dibenz[a,h]anthracene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U
Benzo[g,h,i]perylene	UG/KG	430 U	420 U	1600 U	2700 UJ	570 U	2200 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD04-06	28-CC-SD04-612	28-CC-SD05-06	28-CC-SD05-612	28-CC-SD06-06	28-CC-SD06-612
Laboratory Sample ID:		940248-28	940248-30	940246-07	940246-08	940246-09	940246-10
Date Sampled:		3/28/94	3/28/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	2.2 UJ	2.2 UJ	8.4 UJ	14 UJ	2.9 UJ	11 UJ
beta-BHC	UG/KG	2.2 UJ	2.2 UJ	8.4 UJ	14 UJ	2.9 UJ	11 UJ
delta-BHC	UG/KG	2.2 UJ	2.2 UJ	8.4 UJ	14 UJ	2.9 UJ	11 UJ
Lindane (gamma-BHC)	UG/KG	2.2 UJ	2.2 UJ	8.4 UJ	14 UJ	2.9 UJ	11 UJ
Heptachlor	UG/KG	2.2 UJ	2.2 UJ	8.4 UJ	14 UJ	2.9 UJ	11 UJ
Aldrin	UG/KG	2.2 UJ	2.2 UJ	8.4 UJ	14 UJ	2.9 UJ	11 UJ
Heptachlor epoxide	UG/KG	2.2 UJ	2.2 UJ	8.4 UJ	14 UJ	2.9 UJ	11 UJ
Endosulfan I	UG/KG	2.2 UJ	2.2 UJ	8.4 UJ	14 UJ	2.9 UJ	11 UJ
Dieldrin	UG/KG	4.3 UJ	4.2 UJ	16 UJ	27 UJ	5.7 UJ	22 UJ
4,4'-DDE	UG/KG	4.3 UJ	4.2 UJ	28 J	27 UJ	23 J	20 J
Endrin	UG/KG	4.3 UJ	4.2 UJ	16 UJ	27 UJ	5.7 UJ	22 UJ
Endosulfan II	UG/KG	4.3 UJ	4.2 UJ	16 UJ	27 UJ	5.7 UJ	22 UJ
4,4'-DDD	UG/KG	4.3 UJ	4.2 UJ	16 UJ	27 UJ	5.7 UJ	38 J
Endosulfan sulfate	UG/KG	4.3 UJ	4.2 UJ	16 UJ	27 UJ	5.7 UJ	22 UJ
4,4'-DDT	UG/KG	4.3 UJ	4.2 UJ	16 UJ	27 UJ	5.7 UJ	22 UJ
Methoxychlor	UG/KG	22 UJ	22 UJ	84 UJ	140 UJ	29 UJ	110 UJ
Endrin ketone	UG/KG	4.3 UJ	4.2 UJ	16 UJ	27 UJ	5.7 UJ	22 UJ
Endrin aldehyde	UG/KG	4.3 UJ	4.2 UJ	16 UJ	27 UJ	5.7 UJ	22 UJ
alpha-Chlordane	UG/KG	2.2 UJ	2.6 NJ	8.4 UJ	14 UJ	5.9 NJ	11 UJ
gamma-Chlordane	UG/KG	2.2 UJ	2.2 UJ	8.4 UJ	14 UJ	6.1 J	11 UJ
Toxaphene	UG/KG	220 UJ	220 UJ	840 UJ	1400 UJ	290 UJ	1100 UJ
Aroclor 1016	UG/KG	43 UJ	42 UJ	160 UJ	270 UJ	57 UJ	220 UJ
Aroclor 1221	UG/KG	87 UJ	86 UJ	330 UJ	550 UJ	120 UJ	440 UJ
Aroclor 1232	UG/KG	43 UJ	42 UJ	160 UJ	270 UJ	57 UJ	220 UJ
Aroclor 1242	UG/KG	43 UJ	42 UJ	160 UJ	270 UJ	57 UJ	220 UJ
Aroclor 1248	UG/KG	43 UJ	42 UJ	160 UJ	270 UJ	57 UJ	220 UJ
Aroclor 1254	UG/KG	43 UJ	42 UJ	160 UJ	270 UJ	57 UJ	220 UJ
Aroclor 1260	UG/KG	43 UJ	42 UJ	160 UJ	270 UJ	57 UJ	220 UJ

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD07-06	28-CC-SD07-612
Laboratory Sample ID:		940246-11	940246-12
Date Sampled:		3/27/94	3/27/94
	UNITS		
VOLATILES			
Chloromethane	UG/KG	38 U	110 U
Bromomethane	UG/KG	38 U	110 U
Vinyl chloride	UG/KG	38 U	110 U
Chloroethane	UG/KG	38 U	110 U
Methylene chloride	UG/KG	38 U	110 U
Acetone	UG/KG	180 U	180 U
Carbon Disulfide	UG/KG	13 J	110 U
1,1-Dichloroethene	UG/KG	38 U	110 U
1,1-Dichloroethane	UG/KG	38 U	110 U
1,2-Dichloroethene(total)	UG/KG	38 U	110 U
Chloroform	UG/KG	38 U	110 U
1,2-Dichloroethane	UG/KG	38 U	110 U
2-Butanone	UG/KG	38 J	110 U
1,1,1-Trichloroethane	UG/KG	38 U	110 U
Carbon tetrachloride	UG/KG	38 U	110 U
Bromodichloromethane	UG/KG	38 U	110 U
1,2-Dichloropropane	UG/KG	38 U	110 U
cis-1,3-Dichloropropene	UG/KG	38 U	110 U
Trichloroethene	UG/KG	38 U	110 U
Dibromochloromethane	UG/KG	38 U	110 U
1,1,2-Trichloroethane	UG/KG	38 U	110 U
Benzene	UG/KG	38 U	110 U
trans-1,3-Dichloropropene	UG/KG	38 U	110 U
Bromoform	UG/KG	38 U	110 U
4-Methyl-2-pentanone	UG/KG	38 U	110 U
2-Hexanone	UG/KG	38 U	110 U
Tetrachloroethene	UG/KG	38 U	110 U
1,1,2,2-Tetrachloroethane	UG/KG	38 U	110 U
Toluene	UG/KG	38 U	110 U
Chlorobenzene	UG/KG	38 U	110 U
Ethylbenzene	UG/KG	38 U	110 U
Styrene	UG/KG	38 U	110 U
Xylenes (total)	UG/KG	38 U	110 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD07-06	28-CC-SD07-612
Laboratory Sample ID:		940246-11	940246-12
Date Sampled:		3/27/94	3/27/94
	UNITS		
SEMIVOLATILES			
Phenol	UG/KG	1300 U	2300 U
bis(2-Chloroethyl) ether	UG/KG	1300 U	2300 U
2-Chlorophenol	UG/KG	1300 U	2300 U
1,3-Dichlorobenzene	UG/KG	1300 U	2300 U
1,4-Dichlorobenzene	UG/KG	1300 U	2300 U
1,2-Dichlorobenzene	UG/KG	1300 U	2300 U
2-Methylphenol	UG/KG	1300 U	2300 U
2,2'-oxybis-(1-chloropropane)	UG/KG	1300 U	2300 U
4-Methylphenol	UG/KG	1300 U	2300 U
N-Nitroso-di-n-propylamine	UG/KG	1300 U	2300 U
Hexachloroethane	UG/KG	1300 U	2300 U
Nitrobenzene	UG/KG	1300 U	2300 U
Isophorone	UG/KG	1300 U	2300 U
2-Nitrophenol	UG/KG	1300 U	2300 U
2,4-Dimethylphenol	UG/KG	1300 U	2300 U
bis(2-Chloroethoxy) methane	UG/KG	1300 U	2300 U
2,4-Dichlorophenol	UG/KG	1300 U	2300 U
1,2,4-Trichlorobenzene	UG/KG	1300 U	2300 U
Naphthalene	UG/KG	1300 U	2300 U
4-Chloroaniline	UG/KG	1300 U	2300 U
Hexachlorobutadiene	UG/KG	1300 U	2300 U
4-Chloro-3-methylphenol	UG/KG	1300 U	2300 U
2-Methylnaphthalene	UG/KG	1300 U	2300 U
Hexachlorocyclopentadiene	UG/KG	1300 U	2300 U
2,4,6-Trichlorophenol	UG/KG	1300 U	2300 U
2,4,5-Trichlorophenol	UG/KG	3100 U	5600 U
2-Chloronaphthalene	UG/KG	1300 U	2300 U
2-Nitroaniline	UG/KG	3100 U	5600 U
Dimethyl phthalate	UG/KG	1300 U	2300 U
Acenaphthylene	UG/KG	1300 U	2300 U
2,6-Dinitrotoluene	UG/KG	1300 U	2300 U
3-Nitroaniline	UG/KG	3100 U	5600 U
Acenaphthene	UG/KG	1300 U	2300 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-CC-SD07-06	28-CC-SD07-612
Laboratory Sample ID:	940246-11	940246-12
Date Sampled:	3/27/94	3/27/94

	UNITS		
SEMIVOLATILES Cont.			
2,4-Dinitrophenol	UG/KG	3100 U	5600 U
4-Nitrophenol	UG/KG	3100 U	5600 U
Dibenzofuran	UG/KG	1300 U	2300 U
2,4-Dinitrotoluene	UG/KG	1300 U	2300 U
Diethylphthalate	UG/KG	1300 U	2300 U
4-Chlorophenyl phenyl ether	UG/KG	1300 U	2300 U
Fluorene	UG/KG	1300 U	2300 U
4-Nitroaniline	UG/KG	3100 U	5600 U
4,6-Dinitro-2-methylphenol	UG/KG	3100 U	5600 U
N-nitrosodiphenylamine	UG/KG	1300 U	2300 U
4-Bromophenyl-phenylether	UG/KG	1300 U	2300 U
Hexachlorobenzene	UG/KG	1300 U	2300 U
Pentachlorophenol	UG/KG	3100 U	5600 U
Phenanthrene	UG/KG	1300 U	2300 U
Anthracene	UG/KG	1300 U	2300 U
Carbazole	UG/KG	1300 U	2300 U
di-n-Butylphthalate	UG/KG	1300 U	2300 U
Fluoranthene	UG/KG	1300 U	2300 U
Pyrene	UG/KG	1300 U	2300 U
Butyl benzyl phthalate	UG/KG	1300 U	2300 U
3,3'-Dichlorobenzidine	UG/KG	1300 U	2300 U
Benzo[a]anthracene	UG/KG	1300 U	2300 U
Chrysene	UG/KG	1300 U	2300 U
bis(2-Ethylhexyl)phthalate	UG/KG	740 J	240 J
di-n-Octylphthalate	UG/KG	1300 U	2300 U
Benzo[b]fluoranthene	UG/KG	1300 U	2300 U
Benzo[k]fluoranthene	UG/KG	1300 U	2300 U
Benzo[a]pyrene	UG/KG	1300 U	700 J
Indeno[1,2,3-cd]pyrene	UG/KG	1300 U	2300 U
Dibenz[a,h]anthracene	UG/KG	1300 U	2300 U
Benzo[g,h,i]perylene	UG/KG	1300 U	2300 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-CC-SD07-06	28-CC-SD07-612
Laboratory Sample ID:	940246-11	940246-12
Date Sampled:	3/27/94	3/27/94

PESTICIDES/PCBs	UNITS		
alpha-BHC	UG/KG	6.5 UJ	12 UJ
beta-BHC	UG/KG	6.5 UJ	12 UJ
delta-BHC	UG/KG	6.5 UJ	12 UJ
Lindane (gamma-BHC)	UG/KG	6.5 UJ	12 UJ
Heptachlor	UG/KG	6.5 UJ	12 UJ
Aldrin	UG/KG	6.5 UJ	12 UJ
Heptachlor epoxide	UG/KG	6.5 UJ	12 UJ
Endosulfan I	UG/KG	6.5 UJ	12 UJ
Dieldrin	UG/KG	13 UJ	23 UJ
4,4'-DDE	UG/KG	12 J	9 J
Endrin	UG/KG	13 UJ	23 UJ
Endosulfan II	UG/KG	13 UJ	23 UJ
4,4'-DDD	UG/KG	37 J	16 J
Endosulfan sulfate	UG/KG	13 UJ	23 UJ
4,4'-DDT	UG/KG	50 J	23 UJ
Methoxychlor	UG/KG	65 UJ	120 UJ
Endrin ketone	UG/KG	13 UJ	23 UJ
Endrin aldehyde	UG/KG	13 UJ	23 UJ
alpha-Chlordane	UG/KG	6.5 UJ	12 UJ
gamma-Chlordane	UG/KG	8.4 J	12 UJ
Toxaphene	UG/KG	650 UJ	1200 UJ
Aroclor 1016	UG/KG	130 UJ	230 UJ
Aroclor 1221	UG/KG	260 UJ	470 UJ
Aroclor 1232	UG/KG	130 UJ	230 UJ
Aroclor 1242	UG/KG	130 UJ	230 UJ
Aroclor 1248	UG/KG	130 UJ	230 UJ
Aroclor 1254	UG/KG	130 UJ	230 UJ
Aroclor 1260	UG/KG	130 UJ	230 UJ

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/KG	12 U	110 U	ND	ND		0/14
Bromomethane	UG/KG	12 U	110 U	ND	ND		0/14
Vinyl chloride	UG/KG	12 U	110 U	ND	ND		0/14
Chloroethane	UG/KG	12 U	110 U	ND	ND		0/14
Methylene chloride	UG/KG	12 U	110 U	ND	ND		0/14
Acetone	UG/KG	13 U	210 U	7 J	58 J	28-CC-SD04-612	3/14
Carbon Disulfide	UG/KG	12 U	110 U	9 J	13 J	28-CC-SD07-06	2/14
1,1-Dichloroethene	UG/KG	12 U	110 U	ND	ND		0/14
1,1-Dichloroethane	UG/KG	12 U	110 U	ND	ND		0/14
1,2-Dichloroethene(total)	UG/KG	12 U	110 U	ND	ND		0/14
Chloroform	UG/KG	12 U	110 U	ND	ND		0/14
1,2-Dichloroethane	UG/KG	12 U	110 U	ND	ND		0/14
2-Butanone	UG/KG	12 U	110 U	9 J	38 J	28-CC-SD07-06	4/14
1,1,1-Trichloroethane	UG/KG	12 U	110 U	ND	ND		0/14
Carbon tetrachloride	UG/KG	12 U	110 U	ND	ND		0/14
Bromodichloromethane	UG/KG	12 U	110 U	ND	ND		0/14
1,2-Dichloropropane	UG/KG	12 U	110 U	ND	ND		0/14
cis-1,3-Dichloropropene	UG/KG	12 U	110 U	ND	ND		0/14
Trichloroethene	UG/KG	12 U	110 U	ND	ND		0/14
Dibromochloromethane	UG/KG	12 U	110 U	ND	ND		0/14
1,1,2-Trichloroethane	UG/KG	12 U	110 U	ND	ND		0/14
Benzene	UG/KG	12 U	110 U	ND	ND		0/14
trans-1,3-Dichloropropene	UG/KG	12 U	110 U	ND	ND		0/14
Bromoform	UG/KG	12 U	110 U	ND	ND		0/14
4-Methyl-2-pentanone	UG/KG	12 U	110 U	ND	ND		0/14
2-Hexanone	UG/KG	12 U	110 U	ND	ND		0/14
Tetrachloroethene	UG/KG	12 U	110 U	ND	ND		0/14
1,1,2,2-Tetrachloroethane	UG/KG	12 U	110 U	ND	ND		0/14
Toluene	UG/KG	12 U	110 U	ND	ND		0/14
Chlorobenzene	UG/KG	12 U	110 U	ND	ND		0/14
Ethylbenzene	UG/KG	12 U	110 U	ND	ND		0/14
Styrene	UG/KG	12 U	110 U	ND	ND		0/14
Xylenes (total)	UG/KG	12 U	110 U	ND	ND		0/14

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	410 U	2700 U	ND	ND		0/14
bis(2-Chloroethyl) ether	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
2-Chlorophenol	UG/KG	410 U	2700 U	ND	ND		0/14
1,3-Dichlorobenzene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
1,4-Dichlorobenzene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
1,2-Dichlorobenzene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
2-Methylphenol	UG/KG	410 U	2700 U	ND	ND		0/14
2,2'-oxybis-(1-chloropropane)	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
4-Methylphenol	UG/KG	410 U	2700 U	ND	ND		0/14
N-Nitroso-di-n-propylamine	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
Hexachloroethane	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
Nitrobenzene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
Isophorone	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
2-Nitrophenol	UG/KG	410 U	2700 U	ND	ND		0/14
2,4-Dimethylphenol	UG/KG	410 U	2700 U	ND	ND		0/14
bis(2-Chloroethoxy) methane	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
2,4-Dichlorophenol	UG/KG	410 U	2700 U	ND	ND		0/14
1,2,4-Trichlorobenzene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
Naphthalene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
4-Chloroaniline	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
Hexachlorobutadiene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
4-Chloro-3-methylphenol	UG/KG	410 U	2700 U	ND	ND		0/14
2-Methylnaphthalene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
Hexachlorocyclopentadiene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
2,4,6-Trichlorophenol	UG/KG	410 U	2700 U	ND	ND		0/14
2,4,5-Trichlorophenol	UG/KG	1000 U	6600 U	ND	ND		0/14
2-Chloronaphthalene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
2-Nitroaniline	UG/KG	1000 UJ	6600 UJ	ND	ND		0/14
Dimethyl phthalate	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
Acenaphthylene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
2,6-Dinitrotoluene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
3-Nitroaniline	UG/KG	1000 UJ	6600 UJ	ND	ND		0/14
Acenaphthene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	1000 U	6600 U	ND	ND		0/14
4-Nitrophenol	UG/KG	1000 U	6600 U	ND	ND		0/14
Dibenzofuran	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
2,4-Dinitrotoluene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
Diethylphthalate	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
4-Chlorophenyl phenyl ether	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
Fluorene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
4-Nitroaniline	UG/KG	1000 UJ	6600 UJ	ND	ND		0/14
4,6-Dinitro-2-methylphenol	UG/KG	1000 U	6600 U	ND	ND		0/14
N-nitrosodiphenylamine	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
4-Bromophenyl-phenylether	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
Hexachlorobenzene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
Pentachlorophenol	UG/KG	1000 U	6600 U	ND	ND		0/14
Phenanthrene	UG/KG	410 UJ	2700 UJ	260 J	260 J	28-CC-SD03-06	1/14
Anthracene	UG/KG	410 UJ	2700 UJ	61 J	61 J	28-CC-SD03-06	1/14
Carbazole	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
di-n-Butylphthalate	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
Fluoranthene	UG/KG	420 U	2700 UJ	77 J	340 J	28-CC-SD03-06	3/14
Pyrene	UG/KG	420 U	2700 UJ	63 J	250 J	28-CC-SD03-06	5/14
Butyl benzyl phthalate	UG/KG	420 U	2700 UJ	410 J	410 J	28-CC-SD02-06	1/14
3,3'-Dichlorobenzidine	UG/KG	420 U	2700 UJ	410 J	410 J	28-CC-SD02-06	1/14
Benzo[a]anthracene	UG/KG	420 U	2700 UJ	56 J	140 J	28-CC-SD03-06	2/14
Chrysene	UG/KG	420 U	2700 UJ	58 J	160 J	28-CC-SD03-06	2/14
bis(2-Ethylhexyl)phthalate	UG/KG	990 U	1200 U	100 J	1700 J	28-CC-SD06-612	12/14
di-n-Octylphthalate	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
Benzo[b]fluoranthene	UG/KG	420 U	2700 UJ	63 J	63 J	28-CC-SD02-06	1/14
Benzo[k]fluoranthene	UG/KG	420 U	2700 UJ	42 J	42 J	28-CC-SD02-06	1/14
Benzo[a]pyrene	UG/KG	430 U	1300 U	47 J	1700 J	28-CC-SD05-612	9/14
Indeno[1,2,3-cd]pyrene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
Dibenz[a,h]anthracene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14
Benzo[g,h,i]perylene	UG/KG	410 UJ	2700 UJ	ND	ND		0/14

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
PESTICIDES/PCBs							
alpha-BHC	UG/KG	2.1 U	61 U	ND	ND		0/14
beta-BHC	UG/KG	2.1 U	61 U	ND	ND		0/14
delta-BHC	UG/KG	2.1 U	61 U	ND	ND		0/14
Lindane (gamma-BHC)	UG/KG	2.1 U	61 U	ND	ND		0/14
Heptachlor	UG/KG	2.1 U	61 U	ND	ND		0/14
Aldrin	UG/KG	2.1 U	61 U	ND	ND		0/14
Heptachlor epoxide	UG/KG	2.1 U	61 U	ND	ND		0/14
Endosulfan I	UG/KG	2.1 U	61 U	ND	ND		0/14
Dieldrin	UG/KG	4.1 U	120 U	ND	ND		0/14
4,4'-DDE	UG/KG	4.1 U	27 UJ	6.4 J	200 J	28-CC-SD01-612	9/14
Endrin	UG/KG	4.1 U	120 U	ND	ND		0/14
Endosulfan II	UG/KG	4.1 U	120 U	ND	ND		0/14
4,4'-DDD	UG/KG	4.1 U	27 UJ	4.3 J	450 J	28-CC-SD01-612	7/14
Endosulfan sulfate	UG/KG	4.1 U	120 U	ND	ND		0/14
4,4'-DDT	UG/KG	4.1 U	120 U	50 J	50 J	28-CC-SD07-06	1/14
Methoxychlor	UG/KG	21 U	610 U	ND	ND		0/14
Endrin ketone	UG/KG	4.1 U	120 U	ND	ND		0/14
Endrin aldehyde	UG/KG	4.1 U	120 U	ND	ND		0/14
alpha-Chlordane	UG/KG	2.1 U	61 U	2.6 NJ	5.9 NJ	28-CC-SD06-06	2/14
gamma-Chlordane	UG/KG	2.1 U	61 U	6.1 J	8.4 J	28-CC-SD07-06	2/14
Toxaphene	UG/KG	210 U	6100 U	ND	ND		0/14
Aroclor 1016	UG/KG	41 U	1200 U	ND	ND		0/14
Aroclor 1221	UG/KG	84 U	2400 U	ND	ND		0/14
Aroclor 1232	UG/KG	41 U	1200 U	ND	ND		0/14
Aroclor 1242	UG/KG	41 U	1200 U	ND	ND		0/14
Aroclor 1248	UG/KG	41 U	1200 U	ND	ND		0/14
Aroclor 1254	UG/KG	41 U	1200 U	ND	ND		0/14
Aroclor 1260	UG/KG	41 U	1200 U	ND	ND		0/14

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-CC-SD01-06	28-CC-SD01-612	28-CC-SD02-06	28-CC-SD02-612	28-CC-SD03-06	28-CC-SD03-612
Laboratory Sample ID:		940241-18	940241-19	940246-05	940246-06	940248-26	940248-27
Date Sampled:		3/26/94	3/26/94	3/27/94	3/27/94	3/28/94	3/28/94
Percent Solids		33.0	28.0	80.0	75.0	78.0	77.0
	UNITS						
Aluminum	MG/KG	29900	3920	678	2330	4020 J	403 J
Antimony	MG/KG	17.9 UJ	52.4 UJ	6.0 UJ	8.1 UJ	8.1 R	8.8 R
Arsenic	MG/KG	11.9	4.6 UJ	0.67	1.8	1.5	0.78 U
Barium	MG/KG	37.3	12.0	2.7	3.8	8.7	2.1
Beryllium	MG/KG	0.57	1.5 U	0.18 U	0.24 U	0.24 U	0.26 U
Cadmium	MG/KG	2.2	4.6 U	0.53 U	0.71 U	1.3 U	0.95 U
Calcium	MG/KG	4990	8480	9390	173	1980 J	341 J
Chromium	MG/KG	47.2	10.8 U	2.7	6.0	9.6	2.5
Cobalt	MG/KG	3.2	6.2 U	0.71 U	0.95 U	0.95 U	1.0 U
Copper	MG/KG	47.2	9.2 U	2.2	2.7	43.7	4.1
Iron	MG/KG	27100	3700	1480	3100	6220 J	1680 J
Lead	MG/KG	130	12.7	7.8	6.8	69.7	30.7
Magnesium	MG/KG	4560	7480	223	259 J	482	79.6
Manganese	MG/KG	91.7	1.5 UJ	10.9 J	2.4 J	63.0	5.7 J
Mercury	MG/KG	0.41	0.37 U	0.05 U	0.06 U	0.29	0.06 U
Nickel	MG/KG	8.5	10.8 U	1.2 U	1.7 U	3.1	2.2
Potassium	MG/KG	2650 J	1020 J	70.1 J	199 J	337 J	38.9 U
Selenium	MG/KG	2.1 U	6.2 U	0.71 U	0.95 U	0.95 U	1.0 U
Silver	MG/KG	2.6 UJ	7.7 UJ	0.89 UJ	1.2 UJ	1.2 UJ	1.3 UJ
Sodium	MG/KG	5530	16800	232	194	529	226
Thallium	MG/KG	4.1	6.2 U	0.71 U	0.95 U	0.95 U	1.0 U
Vanadium	MG/KG	56.0	8.9	2.9	6.5	8.7	1.9
Zinc	MG/KG	222	25.0	19.1 J	9.3 J	105	26.6

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-CC-SD04-06	28-CC-SD04-612	28-CC-SD05-06	28-CC-SD05-612	28-CC-SD06-06	28-CC-SD06-612
Laboratory Sample ID:		940248-28	940248-30	940246-07	940246-08	940246-09	940246-10
Date Sampled:		3/28/94	3/28/94	3/27/94	3/27/94	3/27/94	3/27/94
Percent Solids		76.0	77.0	20.0	12.0	57.0	15.0
	UNITS						
Aluminum	MG/KG	864 J	3060 J	13700	6360	4320	4760
Antimony	MG/KG	9.0 R	7.9 R	32.4 UJ	51.3 UJ	7.3 UJ	7.3 UJ
Arsenic	MG/KG	0.79 U	2.1	6.4	4.5 U	1.0	1.2
Barium	MG/KG	47.8	59.4	29.7	22.6	10.4	11.5
Beryllium	MG/KG	0.26 U	0.23 U	0.95 U	1.5 U	0.21 U	0.21 U
Cadmium	MG/KG	1.3 U	3.6 U	2.9 U	4.5 U	0.64 U	0.64 U
Calcium	MG/KG	496 J	5470 J	8420	13000	2650	2050
Chromium	MG/KG	4.0	16.5	17.7	13.3	16.7	20.9
Cobalt	MG/KG	1.1 U	0.93	3.8 U	6.0 U	0.86 U	0.85 U
Copper	MG/KG	5.3	63.7	20.5	15.2	6.5	6.8
Iron	MG/KG	1980 J	36000 J	13300	11300	2510	2600
Lead	MG/KG	15.3	202	91.9	30.4	33.4	43.4
Magnesium	MG/KG	412	1210	3050	4640	717	247
Manganese	MG/KG	17.7	226	50.3 J	31.9 J	9.0 J	3.7 J
Mercury	MG/KG	0.06 U	0.25	0.29	0.34 U	0.12	0.15
Nickel	MG/KG	1.8 U	6.3	6.7 U	10.6 U	1.9	1.5 U
Potassium	MG/KG	129 J	161 J	685 J	476 J	171 J	167 J
Selenium	MG/KG	1.1 U	0.93 U	3.8 U	6.0 U	0.86 U	0.85 U
Silver	MG/KG	1.3 UJ	2.0 J	4.8 UJ	7.5 UJ	1.1 UJ	1.1 UJ
Sodium	MG/KG	104	133	2710	4590	359	154
Thallium	MG/KG	1.1 U	0.93 U	3.8 U	6.0 U	0.86 U	0.85 U
Vanadium	MG/KG	3.1	11.3	31.2	13.4	9.8	10.0
Zinc	MG/KG	22.0	303	94.7 J	36.6 J	36.1 J	39.0 J

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-CC-SD07-06	28-CC-SD07-612
Laboratory Sample ID:		940246-11	940246-12
Date Sampled:		3/27/94	3/27/94
Percent Solids		26.0	14.0
	UNITS		
Aluminum	MG/KG	12700	12000
Antimony	MG/KG	16.0 UJ	44.7 UJ
Arsenic	MG/KG	2.8	5.8
Barium	MG/KG	26.9	48.3
Beryllium	MG/KG	0.47 U	1.3 U
Cadmium	MG/KG	1.5	3.9 U
Calcium	MG/KG	3830	13700
Chromium	MG/KG	16.4	14.5
Cobalt	MG/KG	2.3	5.3 U
Copper	MG/KG	14.5	17.6
Iron	MG/KG	6780	16900
Lead	MG/KG	80.3	55.4
Magnesium	MG/KG	1650	4670
Manganese	MG/KG	16.3 J	31.3 J
Mercury	MG/KG	0.11 U	0.31 U
Nickel	MG/KG	3.3 U	9.2 U
Potassium	MG/KG	693 J	531 J
Selenium	MG/KG	1.9 U	5.3 U
Silver	MG/KG	2.4 UJ	6.6 UJ
Sodium	MG/KG	744	2480
Thallium	MG/KG	1.9 U	5.3 U
Vanadium	MG/KG	28.6	28.5
Zinc	MG/KG	70.2 J	100 J

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Percent Solids							
	UNITS						
Aluminum	MG/KG	NA	NA	403 J	29900	28-CC-SD01-06	14/14
Antimony	MG/KG	6 UJ	52.4 UJ	7.9 R	9 R	28-CC-SD04-06	4/14
Arsenic	MG/KG	0.78 U	4.6 UJ	0.67	11.9	28-CC-SD01-06	10/14
Barium	MG/KG	NA	NA	2.1	59.4	28-CC-SD04-612	14/14
Beryllium	MG/KG	0.18 U	1.5 U	0.57	0.57	28-CC-SD01-06	1/14
Cadmium	MG/KG	0.53 U	4.6 U	1.5	2.2	28-CC-SD01-06	2/14
Calcium	MG/KG	NA	NA	173	13700	28-CC-SD07-612	14/14
Chromium	MG/KG	10.8 U	10.8 U	2.5	47.2	28-CC-SD01-06	13/14
Cobalt	MG/KG	0.71 U	6.2 U	0.93	3.2	28-CC-SD01-06	3/14
Copper	MG/KG	9.2 U	9.2 U	2.2	63.7	28-CC-SD04-612	13/14
Iron	MG/KG	NA	NA	1480	36000 J	28-CC-SD04-612	14/14
Lead	MG/KG	NA	NA	6.8	202	28-CC-SD04-612	14/14
Magnesium	MG/KG	NA	NA	79.6	7480	28-CC-SD01-612	14/14
Manganese	MG/KG	1.5 UJ	1.5 UJ	2.4 J	226	28-CC-SD04-612	13/14
Mercury	MG/KG	0.05 U	0.37 U	0.12	0.41	28-CC-SD01-06	6/14
Nickel	MG/KG	1.2 U	10.8 U	1.9	8.5	28-CC-SD01-06	5/14
Potassium	MG/KG	38.9 U	38.9 U	70.1 J	2650 J	28-CC-SD01-06	13/14
Selenium	MG/KG	0.71 U	6.2 U	ND	ND		0/14
Silver	MG/KG	0.89 UJ	7.7 UJ	2 J	2 J	28-CC-SD04-612	1/14
Sodium	MG/KG	NA	NA	104	16800	28-CC-SD01-612	14/14
Thallium	MG/KG	0.71 U	6.2 U	4.1	4.1	28-CC-SD01-06	1/14
Vanadium	MG/KG	NA	NA	1.9	56	28-CC-SD01-06	14/14
Zinc	MG/KG	NA	NA	9.3 J	303	28-CC-SD04-612	14/14

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SD01-06	28-NR-SD01-612	28NR-SD02-06	28-NR-SD02-612	28NR-SD03-06	28-NR-SD03-612
Laboratory Sample ID:		940250-02	940250-03	940241-20	940241-21	940241-27	940241-28
Date Sampled:		3/28/94	3/28/94	3/26/94	3/26/94	3/25/94	3/25/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Bromomethane	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Vinyl chloride	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Chloroethane	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Methylene chloride	UG/KG	12 U	12 U	12 U	2 J	20 U	13 U
Acetone	UG/KG	12 U	12 U	12 U	16 U	26 J	11 J
Carbon Disulfide	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
1,1-Dichloroethene	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
1,1-Dichloroethane	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
1,2-Dichloroethene(total)	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Chloroform	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
1,2-Dichloroethane	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
2-Butanone	UG/KG	12 U	12 U	12 U	14 U	7 J	13 U
1,1,1-Trichloroethane	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Carbon tetrachloride	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Bromodichloromethane	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
1,2-Dichloropropane	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
cis-1,3-Dichloropropene	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Trichloroethene	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Dibromochloromethane	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
1,1,2-Trichloroethane	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Benzene	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
trans-1,3-Dichloropropene	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Bromoform	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
4-Methyl-2-pentanone	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
2-Hexanone	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Tetrachloroethene	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
1,1,2,2-Tetrachloroethane	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Toluene	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Chlorobenzene	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Ethylbenzene	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Styrene	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U
Xylenes (total)	UG/KG	12 U	12 U	12 U	14 U	20 U	13 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SD01-06	28-NR-SD01-612	28NR-SD02-06	28-NR-SD02-612	28NR-SD03-06	28-NR-SD03-612
Laboratory Sample ID:		940250-02	940250-03	940241-20	940241-21	940241-27	940241-28
Date Sampled:		3/28/94	3/28/94	3/26/94	3/26/94	3/25/94	3/25/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
bis(2-Chloroethyl) ether	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
2-Chlorophenol	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
1,3-Dichlorobenzene	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
1,4-Dichlorobenzene	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
1,2-Dichlorobenzene	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
2-Methylphenol	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
2,2'-oxybis-(1-chloropropane)	UG/KG	410 U	380 U	420 UJ	450 UJ	440 U	440 U
4-Methylphenol	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
N-Nitroso-di-n-propylamine	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
Hexachloroethane	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
Nitrobenzene	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
Isophorone	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
2-Nitrophenol	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
2,4-Dimethylphenol	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
bis(2-Chloroethoxy) methane	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
2,4-Dichlorophenol	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
1,2,4-Trichlorobenzene	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
Naphthalene	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
4-Chloroaniline	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
Hexachlorobutadiene	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
4-Chloro-3-methylphenol	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
2-Methylnaphthalene	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
Hexachlorocyclopentadiene	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
2,4,6-Trichlorophenol	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
2,4,5-Trichlorophenol	UG/KG	990 U	920 U	1000 U	1100 U	1100 U	1100 U
2-Chloronaphthalene	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
2-Nitroaniline	UG/KG	990 U	920 U	1000 U	1100 U	1100 U	1100 U
Dimethyl phthalate	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
Acenaphthylene	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
2,6-Dinitrotoluene	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
3-Nitroaniline	UG/KG	990 U	920 U	1000 U	1100 U	1100 U	1100 U
Acenaphthene	UG/KG	150 J	380 U	420 U	450 U	440 U	440 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SD01-06	28-NR-SD01-612	28NR-SD02-06	28-NR-SD02-612	28NR-SD03-06	28-NR-SD03-612
Laboratory Sample ID:		940250-02	940250-03	940241-20	940241-21	940241-27	940241-28
Date Sampled:		3/28/94	3/28/94	3/26/94	3/26/94	3/25/94	3/25/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	990 UJ	920 UJ	1000 U	1100 U	1100 U	1100 U
4-Nitrophenol	UG/KG	990 U	920 U	1000 U	1100 U	1100 U	1100 U
Dibenzofuran	UG/KG	60 J	380 U	420 U	450 U	440 U	440 U
2,4-Dinitrotoluene	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
Diethylphthalate	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
4-Chlorophenyl phenyl ether	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
Fluorene	UG/KG	120 J	380 U	420 U	450 U	440 U	440 U
4-Nitroaniline	UG/KG	990 U	920 U	1000 U	1100 U	1100 U	1100 U
4,6-Dinitro-2-methylphenol	UG/KG	990 UJ	920 UJ	1000 U	1100 U	1100 U	1100 U
N-nitrosodiphenylamine	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
4-Bromophenyl-phenylether	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
Hexachlorobenzene	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
Pentachlorophenol	UG/KG	990 U	920 U	1000 U	1100 U	1100 U	1100 U
Phenanthrene	UG/KG	1200	380 U	47 J	450 U	450	150 J
Anthracene	UG/KG	320 J	380 U	420 U	450 U	97 J	440 U
Carbazole	UG/KG	160 J	380 U	420 U	450 U	57 J	440 U
di-n-Butylphthalate	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
Fluoranthene	UG/KG	1600	380 U	80 J	450 U	910	300 J
Pyrene	UG/KG	1700	380 U	75 J	450 U	670	210 J
Butyl benzyl phthalate	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
3,3'-Dichlorobenzidine	UG/KG	410 U	380 U	420 U	450 U	440 U	440 U
Benzo[a]anthracene	UG/KG	890	380 U	420 U	450 U	440 J	150 J
Chrysene	UG/KG	790	380 U	420 U	450 U	400 J	160 J
bis(2-Ethylhexyl)phthalate	UG/KG	990 U	330 U	420 U	450 U	400 U	440 U
di-n-Octylphthalate	UG/KG	410 U	380 UJ	420 U	450 U	440 U	440 U
Benzo[b]fluoranthene	UG/KG	1100	380 UJ	55 J	450 U	450	150 J
Benzo[k]fluoranthene	UG/KG	470	380 UJ	420 U	450 U	290 J	120 J
Benzo[a]pyrene	UG/KG	710	380 UJ	420 U	450 U	400 J	130 J
Indeno[1,2,3-cd]pyrene	UG/KG	320 J	380 UJ	420 U	450 U	210 J	68 J
Dibenz[a,h]anthracene	UG/KG	410 U	380 UJ	420 U	450 U	47 J	440 U
Benzo[g,h,i]perylene	UG/KG	320 J	380 UJ	420 U	450 U	220 J	65 J

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SD01-06	28-NR-SD01-612	28NR-SD02-06	28-NR-SD02-612	28NR-SD03-06	28-NR-SD03-612
Laboratory Sample ID:		940250-02	940250-03	940241-20	940241-21	940241-27	940241-28
Date Sampled:		3/28/94	3/28/94	3/26/94	3/26/94	3/25/94	3/25/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	2.3 U	23 U
beta-BHC	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	2.3 U	23 U
delta-BHC	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	2.3 U	23 U
Lindane (gamma-BHC)	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	2.3 U	23 U
Heptachlor	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	2.3 U	23 U
Aldrin	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	2.3 U	23 U
Heptachlor epoxide	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	2.3 U	23 U
Endosulfan I	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	2.3 U	23 U
Dieldrin	UG/KG	4.1 U	3.8 UJ	4.3 U	4.1 U	4.4 U	44 U
4,4'-DDE	UG/KG	8.5	3.8 UJ	4.3 U	4.1 U	8.4	44 U
Endrin	UG/KG	4.1 U	3.8 UJ	4.3 U	4.1 U	4.4 U	44 U
Endosulfan II	UG/KG	4.1 U	3.8 UJ	4.3 U	4.1 U	4.4 U	44 U
4,4'-DDD	UG/KG	15	3.8 UJ	4.3 U	4.1 U	14 J	44 U
Endosulfan sulfate	UG/KG	4.1 U	3.8 UJ	4.3 U	4.1 U	4.4 U	44 U
4,4'-DDT	UG/KG	50	3.8 UJ	4.3 U	4.1 U	33	300
Methoxychlor	UG/KG	21 U	19 UJ	22 U	21 U	23 U	230 U
Endrin ketone	UG/KG	4.1 U	3.8 UJ	4.3 U	4.1 U	4.4 U	44 U
Endrin aldehyde	UG/KG	4.1 U	3.8 UJ	4.3 U	4.1 U	4.4 U	44 U
alpha-Chlordane	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	4.8	23 U
gamma-Chlordane	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	3.1 J	23 U
Toxaphene	UG/KG	210 U	190 UJ	220 U	210 U	230 U	2300 U
Aroclor 1016	UG/KG	41 U	38 UJ	43 U	41 U	44 U	440 U
Aroclor 1221	UG/KG	83 U	77 UJ	86 U	84 U	90 U	890 U
Aroclor 1232	UG/KG	41 U	38 UJ	43 U	41 U	44 U	440 U
Aroclor 1242	UG/KG	41 U	38 UJ	43 U	41 U	44 U	440 U
Aroclor 1248	UG/KG	41 U	38 UJ	43 U	41 U	44 U	440 U
Aroclor 1254	UG/KG	41 U	38 UJ	43 U	41 U	44 U	440 U
Aroclor 1260	UG/KG	41 U	38 UJ	43 U	41 U	44 U	440 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28NR-SD04-06	28-NR-SD04-612	28NR-SD05-06	28-NR-SD05-612
Laboratory Sample ID:		940241-29	940241-30	940241-31	940241-32
Date Sampled:		3/25/94	3/25/94	3/25/94	3/25/94
	UNITS				
VOLATILES					
Chloromethane	UG/KG	14 U	14 U	18 U	19 U
Bromomethane	UG/KG	14 U	14 U	18 U	19 U
Vinyl chloride	UG/KG	14 U	14 U	18 U	19 U
Chloroethane	UG/KG	14 U	14 U	18 U	19 U
Methylene chloride	UG/KG	14 U	14 U	18 U	19 U
Acetone	UG/KG	14 U	22 U	33 U	47 J
Carbon Disulfide	UG/KG	14 U	2 J	18 U	19 U
1,1-Dichloroethene	UG/KG	14 U	14 U	18 U	19 U
1,1-Dichloroethane	UG/KG	14 U	14 U	18 U	19 U
1,2-Dichloroethene(total)	UG/KG	14 U	14 U	18 U	19 U
Chloroform	UG/KG	14 U	14 U	18 U	19 U
1,2-Dichloroethane	UG/KG	14 U	14 U	18 U	19 U
2-Butanone	UG/KG	14 U	14 U	18 U	19 U
1,1,1-Trichloroethane	UG/KG	14 U	14 U	18 U	19 U
Carbon tetrachloride	UG/KG	14 U	14 U	18 U	19 U
Bromodichloromethane	UG/KG	14 U	14 U	18 U	19 U
1,2-Dichloropropane	UG/KG	14 U	14 U	18 U	19 U
cis-1,3-Dichloropropene	UG/KG	14 U	14 U	18 U	19 U
Trichloroethene	UG/KG	14 U	14 U	18 U	19 U
Dibromochloromethane	UG/KG	14 U	14 U	18 U	19 U
1,1,2-Trichloroethane	UG/KG	14 U	14 U	18 U	19 U
Benzene	UG/KG	14 U	14 U	18 U	19 U
trans-1,3-Dichloropropene	UG/KG	14 U	14 U	18 U	19 U
Bromoform	UG/KG	14 U	14 U	18 U	19 U
4-Methyl-2-pentanone	UG/KG	14 U	14 U	18 U	19 U
2-Hexanone	UG/KG	14 U	14 U	18 U	19 U
Tetrachloroethene	UG/KG	14 U	14 U	18 U	19 U
1,1,2,2-Tetrachloroethane	UG/KG	14 U	14 U	18 U	19 U
Toluene	UG/KG	14 U	14 U	18 U	19 U
Chlorobenzene	UG/KG	14 U	14 U	18 U	19 U
Ethylbenzene	UG/KG	14 U	14 U	18 U	19 U
Styrene	UG/KG	14 U	14 U	18 U	19 U
Xylenes (total)	UG/KG	14 U	14 U	18 U	19 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28NR-SD04-06	28-NR-SD04-612	28NR-SD05-06	28-NR-SD05-612
Laboratory Sample ID:		940241-29	940241-30	940241-31	940241-32
Date Sampled:		3/25/94	3/25/94	3/25/94	3/25/94
	UNITS				
SEMIVOLATILES					
Phenol	UG/KG	450 U	500 U	620 U	640 U
bis(2-Chloroethyl) ether	UG/KG	450 U	500 U	620 U	640 U
2-Chlorophenol	UG/KG	450 U	500 U	620 U	640 U
1,3-Dichlorobenzene	UG/KG	450 U	500 U	620 U	640 U
1,4-Dichlorobenzene	UG/KG	450 U	500 U	620 U	640 U
1,2-Dichlorobenzene	UG/KG	450 U	500 U	620 U	640 U
2-Methylphenol	UG/KG	450 U	500 U	620 U	640 U
2,2'-oxybis-(1-chloropropane)	UG/KG	450 U	500 U	620 U	640 U
4-Methylphenol	UG/KG	450 U	500 U	620 U	640 U
N-Nitroso-di-n-propylamine	UG/KG	450 U	500 U	620 U	640 U
Hexachloroethane	UG/KG	450 U	500 U	620 U	640 U
Nitrobenzene	UG/KG	450 U	500 U	620 U	640 U
Isophorone	UG/KG	450 U	500 U	620 U	640 U
2-Nitrophenol	UG/KG	450 U	500 U	620 U	640 U
2,4-Dimethylphenol	UG/KG	450 U	500 U	620 U	640 U
bis(2-Chloroethoxy) methane	UG/KG	450 U	500 U	620 U	640 U
2,4-Dichlorophenol	UG/KG	450 U	500 U	620 U	640 U
1,2,4-Trichlorobenzene	UG/KG	450 U	500 U	620 U	640 U
Naphthalene	UG/KG	450 U	500 U	620 U	640 U
4-Chloroaniline	UG/KG	450 U	500 U	620 U	640 U
Hexachlorobutadiene	UG/KG	450 U	500 U	620 U	640 U
4-Chloro-3-methylphenol	UG/KG	450 U	500 U	620 U	640 U
2-Methylnaphthalene	UG/KG	450 U	500 U	620 U	640 U
Hexachlorocyclopentadiene	UG/KG	450 U	500 U	620 U	640 U
2,4,6-Trichlorophenol	UG/KG	450 U	500 U	620 U	640 U
2,4,5-Trichlorophenol	UG/KG	1100 U	1200 U	1500 U	1600 U
2-Chloronaphthalene	UG/KG	450 U	500 U	620 U	640 U
2-Nitroaniline	UG/KG	1100 U	1200 U	1500 U	1600 U
Dimethyl phthalate	UG/KG	450 U	500 U	620 U	640 U
Acenaphthylene	UG/KG	450 U	500 U	620 U	640 U
2,6-Dinitrotoluene	UG/KG	450 U	500 U	620 U	640 U
3-Nitroaniline	UG/KG	1100 U	1200 U	1500 U	1600 U
Acenaphthene	UG/KG	450 U	500 U	620 U	640 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28NR-SD04-06	28-NR-SD04-612	28NR-SD05-06	28-NR-SD05-612
Laboratory Sample ID:		940241-29	940241-30	940241-31	940241-32
Date Sampled:		3/25/94	3/25/94	3/25/94	3/25/94
	UNITS				
SEMIVOLATILES Cont.					
2,4-Dinitrophenol	UG/KG	1100 U	1200 U	1500 U	1600 U
4-Nitrophenol	UG/KG	1100 U	1200 U	1500 U	1600 U
Dibenzofuran	UG/KG	450 U	500 U	620 U	640 U
2,4-Dinitrotoluene	UG/KG	450 U	500 U	620 U	640 U
Diethylphthalate	UG/KG	450 U	500 U	620 U	640 U
4-Chlorophenyl phenyl ether	UG/KG	450 U	500 U	620 U	640 U
Fluorene	UG/KG	450 U	500 U	620 U	640 U
4-Nitroaniline	UG/KG	1100 U	1200 U	1500 U	1600 U
4,6-Dinitro-2-methylphenol	UG/KG	1100 U	1200 U	1500 U	1600 U
N-nitrosodiphenylamine	UG/KG	450 U	500 U	620 U	640 U
4-Bromophenyl-phenylether	UG/KG	450 U	500 U	620 U	640 U
Hexachlorobenzene	UG/KG	450 U	500 U	620 U	640 U
Pentachlorophenol	UG/KG	1100 U	1200 U	1500 U	1600 U
Phenanthrene	UG/KG	450 U	500 U	620 U	640 U
Anthracene	UG/KG	450 U	120 J	170 J	640 U
Carbazole	UG/KG	450 U	500 U	68 J	640 U
di-n-Butylphthalate	UG/KG	450 U	500 U	620 U	640 U
Fluoranthene	UG/KG	450 U	510	760	640 U
Pyrene	UG/KG	450 U	420 J	620 J	640 U
Butyl benzyl phthalate	UG/KG	450 U	500 U	620 U	640 U
3,3'-Dichlorobenzidine	UG/KG	450 U	500 U	620 U	640 U
Benzo[a]anthracene	UG/KG	450 U	1100	1500	640 U
Chrysene	UG/KG	450 U	1500	2100	640 U
bis(2-Ethylhexyl)phthalate	UG/KG	2400	580	980	640 U
di-n-Octylphthalate	UG/KG	450 U	500 U	620 U	640 U
Benzo[b]fluoranthene	UG/KG	450 U	920	1000	640 U
Benzo[k]fluoranthene	UG/KG	450 U	300 J	840	640 U
Benzo[a]pyrene	UG/KG	450 U	480 J	660	640 U
Indeno[1,2,3-cd]pyrene	UG/KG	450 U	160 J	200 J	640 U
Dibenz[a,h]anthracene	UG/KG	450 U	500 U	620 U	640 U
Benzo[g,h,i]perylene	UG/KG	450 U	130 J	170 J	640 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28NR-SD04-06	28-NR-SD04-612	28NR-SD05-06	28-NR-SD05-612
Laboratory Sample ID:		940241-29	940241-30	940241-31	940241-32
Date Sampled:		3/25/94	3/25/94	3/25/94	3/25/94
	UNITS				
PESTICIDES/PCBs					
alpha-BHC	UG/KG	2.3 U	2.6 U	3.2 U	3.3 U
beta-BHC	UG/KG	2.3 U	2.6 U	3.2 U	3.3 U
delta-BHC	UG/KG	2.3 U	2.6 U	3.2 U	3.3 U
Lindane (gamma-BHC)	UG/KG	2.3 U	2.6 U	3.2 U	3.3 U
Heptachlor	UG/KG	2.3 U	2.6 U	3.2 U	3.3 U
Aldrin	UG/KG	2.3 U	2.6 U	3.2 U	3.3 U
Heptachlor epoxide	UG/KG	2.3 U	2.6 U	3.2 U	3.3 U
Endosulfan I	UG/KG	2.3 U	2.6 U	3.2 U	3.3 U
Dieldrin	UG/KG	4.5 U	5.0 U	6.2 U	6.5 U
4,4'-DDE	UG/KG	4.5 U	5.0 U	6.2 U	6.5 U
Endrin	UG/KG	4.5 U	5.0 U	6.2 U	6.5 U
Endosulfan II	UG/KG	4.5 U	5.0 U	6.2 U	6.5 U
4,4'-DDD	UG/KG	4.5 U	8.6	6.2 U	6.5 U
Endosulfan sulfate	UG/KG	4.5 U	5.0 U	6.2 U	6.5 U
4,4'-DDT	UG/KG	4.5 U	5.0 U	6.2 U	6.5 U
Methoxychlor	UG/KG	23 U	26 U	32 U	33 U
Endrin ketone	UG/KG	4.5 U	5.0 U	6.2 U	6.5 U
Endrin aldehyde	UG/KG	4.5 U	5.0 U	6.2 U	6.5 U
alpha-Chlordane	UG/KG	2.3 U	6.6 J	3.2 U	3.3 U
gamma-Chlordane	UG/KG	2.3 U	4.6 J	3.2 U	3.3 U
Toxaphene	UG/KG	230 U	260 U	320 U	330 U
Aroclor 1016	UG/KG	45 U	50 U	62 U	65 U
Aroclor 1221	UG/KG	91 U	100 U	130 U	130 U
Aroclor 1232	UG/KG	45 U	50 U	62 U	65 U
Aroclor 1242	UG/KG	45 U	50 U	62 U	65 U
Aroclor 1248	UG/KG	45 U	50 U	62 U	65 U
Aroclor 1254	UG/KG	45 U	50 U	62 U	65 U
Aroclor 1260	UG/KG	45 U	50 U	62 U	65 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/KG	12 U	20 U	ND	ND		0/10
Bromomethane	UG/KG	12 U	20 U	ND	ND		0/10
Vinyl chloride	UG/KG	12 U	20 U	ND	ND		0/10
Chloroethane	UG/KG	12 U	20 U	ND	ND		0/10
Methylene chloride	UG/KG	12 U	20 U	2 J	2 J	28-NR-SD02-612	1/10
Acetone	UG/KG	12 U	33 U	11 J	47 J	28-NR-SD05-612	3/10
Carbon Disulfide	UG/KG	12 U	20 U	2 J	2 J	28-NR-SD04-612	1/10
1,1-Dichloroethene	UG/KG	12 U	20 U	ND	ND		0/10
1,1-Dichloroethane	UG/KG	12 U	20 U	ND	ND		0/10
1,2-Dichloroethene(total)	UG/KG	12 U	20 U	ND	ND		0/10
Chloroform	UG/KG	12 U	20 U	ND	ND		0/10
1,2-Dichloroethane	UG/KG	12 U	20 U	ND	ND		0/10
2-Butanone	UG/KG	12 U	19 U	7 J	7 J	28NR-SD03-06	1/10
1,1,1-Trichloroethane	UG/KG	12 U	20 U	ND	ND		0/10
Carbon tetrachloride	UG/KG	12 U	20 U	ND	ND		0/10
Bromodichloromethane	UG/KG	12 U	20 U	ND	ND		0/10
1,2-Dichloropropane	UG/KG	12 U	20 U	ND	ND		0/10
cis-1,3-Dichloropropene	UG/KG	12 U	20 U	ND	ND		0/10
Trichloroethene	UG/KG	12 U	20 U	ND	ND		0/10
Dibromochloromethane	UG/KG	12 U	20 U	ND	ND		0/10
1,1,2-Trichloroethane	UG/KG	12 U	20 U	ND	ND		0/10
Benzene	UG/KG	12 U	20 U	ND	ND		0/10
trans-1,3-Dichloropropene	UG/KG	12 U	20 U	ND	ND		0/10
Bromoform	UG/KG	12 U	20 U	ND	ND		0/10
4-Methyl-2-pentanone	UG/KG	12 U	20 U	ND	ND		0/10
2-Hexanone	UG/KG	12 U	20 U	ND	ND		0/10
Tetrachloroethene	UG/KG	12 U	20 U	ND	ND		0/10
1,1,2,2-Tetrachloroethane	UG/KG	12 U	20 U	ND	ND		0/10
Toluene	UG/KG	12 U	20 U	ND	ND		0/10
Chlorobenzene	UG/KG	12 U	20 U	ND	ND		0/10
Ethylbenzene	UG/KG	12 U	20 U	ND	ND		0/10
Styrene	UG/KG	12 U	20 U	ND	ND		0/10
Xylenes (total)	UG/KG	12 U	20 U	ND	ND		0/10

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/KG	380 U	640 U	ND	ND		0/10
bis(2-Chloroethyl) ether	UG/KG	380 U	640 U	ND	ND		0/10
2-Chlorophenol	UG/KG	380 U	640 U	ND	ND		0/10
1,3-Dichlorobenzene	UG/KG	380 U	640 U	ND	ND		0/10
1,4-Dichlorobenzene	UG/KG	380 U	640 U	ND	ND		0/10
1,2-Dichlorobenzene	UG/KG	380 U	640 U	ND	ND		0/10
2-Methylphenol	UG/KG	380 U	640 U	ND	ND		0/10
2,2'-oxybis-(1-chloropropane)	UG/KG	380 U	640 U	ND	ND		0/10
4-Methylphenol	UG/KG	380 U	640 U	ND	ND		0/10
N-Nitroso-di-n-propylamine	UG/KG	380 U	640 U	ND	ND		0/10
Hexachloroethane	UG/KG	380 U	640 U	ND	ND		0/10
Nitrobenzene	UG/KG	380 U	640 U	ND	ND		0/10
Isophorone	UG/KG	380 U	640 U	ND	ND		0/10
2-Nitrophenol	UG/KG	380 U	640 U	ND	ND		0/10
2,4-Dimethylphenol	UG/KG	380 U	640 U	ND	ND		0/10
bis(2-Chloroethoxy) methane	UG/KG	380 U	640 U	ND	ND		0/10
2,4-Dichlorophenol	UG/KG	380 U	640 U	ND	ND		0/10
1,2,4-Trichlorobenzene	UG/KG	380 U	640 U	ND	ND		0/10
Naphthalene	UG/KG	380 U	640 U	ND	ND		0/10
4-Chloroaniline	UG/KG	380 U	640 U	ND	ND		0/10
Hexachlorobutadiene	UG/KG	380 U	640 U	ND	ND		0/10
4-Chloro-3-methylphenol	UG/KG	380 U	640 U	ND	ND		0/10
2-Methylnaphthalene	UG/KG	380 U	640 U	ND	ND		0/10
Hexachlorocyclopentadiene	UG/KG	380 U	640 U	ND	ND		0/10
2,4,6-Trichlorophenol	UG/KG	380 U	640 U	ND	ND		0/10
2,4,5-Trichlorophenol	UG/KG	920 U	1600 U	ND	ND		0/10
2-Chloronaphthalene	UG/KG	380 U	640 U	ND	ND		0/10
2-Nitroaniline	UG/KG	920 U	1600 U	ND	ND		0/10
Dimethyl phthalate	UG/KG	380 U	640 U	ND	ND		0/10
Acenaphthylene	UG/KG	380 U	640 U	ND	ND		0/10
2,6-Dinitrotoluene	UG/KG	380 U	640 U	ND	ND		0/10
3-Nitroaniline	UG/KG	920 U	1600 U	ND	ND		0/10
Acenaphthene	UG/KG	380 U	640 U	150 J	150 J	28-NR-SD01-06	1/10

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	920 UJ	1600 U	ND	ND		0/10
4-Nitrophenol	UG/KG	920 U	1600 U	ND	ND		0/10
Dibenzofuran	UG/KG	380 U	640 U	60 J	60 J	28-NR-SD01-06	1/10
2,4-Dinitrotoluene	UG/KG	380 U	640 U	ND	ND		0/10
Diethylphthalate	UG/KG	380 U	640 U	ND	ND		0/10
4-Chlorophenyl phenyl ether	UG/KG	380 U	640 U	ND	ND		0/10
Fluorene	UG/KG	380 U	640 U	120 J	120 J	28-NR-SD01-06	1/10
4-Nitroaniline	UG/KG	920 U	1600 U	ND	ND		0/10
4,6-Dinitro-2-methylphenol	UG/KG	920 UJ	1600 U	ND	ND		0/10
N-nitrosodiphenylamine	UG/KG	380 U	640 U	ND	ND		0/10
4-Bromophenyl-phenylether	UG/KG	380 U	640 U	ND	ND		0/10
Hexachlorobenzene	UG/KG	380 U	640 U	ND	ND		0/10
Pentachlorophenol	UG/KG	920 U	1600 U	ND	ND		0/10
Phenanthrene	UG/KG	380 U	640 U	47 J	1200	28-NR-SD01-06	4/10
Anthracene	UG/KG	380 U	640 U	97 J	320 J	28-NR-SD01-06	4/10
Carbazole	UG/KG	380 U	640 U	57 J	160 J	28-NR-SD01-06	3/10
di-n-Butylphthalate	UG/KG	380 U	640 U	ND	ND		0/10
Fluoranthene	UG/KG	380 U	640 U	80 J	1600	28-NR-SD01-06	6/10
Pyrene	UG/KG	380 U	640 U	75 J	1700	28-NR-SD01-06	6/10
Butyl benzyl phthalate	UG/KG	380 U	640 U	ND	ND		0/10
3,3'-Dichlorobenzidine	UG/KG	380 U	640 U	ND	ND		0/10
Benzo[a]anthracene	UG/KG	380 U	640 U	150 J	1500	28NR-SD05-06	5/10
Chrysene	UG/KG	380 U	640 U	160 J	2100	28NR-SD05-06	5/10
bis(2-Ethylhexyl)phthalate	UG/KG	330 U	990 U	580	2400	28NR-SD04-06	3/10
di-n-Octylphthalate	UG/KG	380 UJ	640 U	ND	ND		0/10
Benzo[b]fluoranthene	UG/KG	380 UJ	640 U	55 J	1100	28-NR-SD01-06	6/10
Benzo[k]fluoranthene	UG/KG	380 UJ	640 U	120 J	840	28NR-SD05-06	5/10
Benzo[a]pyrene	UG/KG	380 UJ	640 U	130 J	710	28-NR-SD01-06	5/10
Indeno[1,2,3-cd]pyrene	UG/KG	380 UJ	640 U	68 J	320 J	28-NR-SD01-06	5/10
Dibenz[a,h]anthracene	UG/KG	380 UJ	640 U	47 J	47 J	28NR-SD03-06	1/10
Benzo[g,h,i]perylene	UG/KG	380 UJ	640 U	65 J	320 J	28-NR-SD01-06	5/10

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
PESTICIDES/PCBs							
alpha-BHC	UG/KG	1.9 UJ	23 U	ND	ND		0/10
beta-BHC	UG/KG	1.9 UJ	23 U	ND	ND		0/10
delta-BHC	UG/KG	1.9 UJ	23 U	ND	ND		0/10
Lindane (gamma-BHC)	UG/KG	1.9 UJ	23 U	ND	ND		0/10
Heptachlor	UG/KG	1.9 UJ	23 U	ND	ND		0/10
Aldrin	UG/KG	1.9 UJ	23 U	ND	ND		0/10
Heptachlor epoxide	UG/KG	1.9 UJ	23 U	ND	ND		0/10
Endosulfan I	UG/KG	1.9 UJ	23 U	ND	ND		0/10
Dieldrin	UG/KG	3.8 UJ	44 U	ND	ND		0/10
4,4'-DDE	UG/KG	3.8 UJ	44 U	8.4	8.5	28-NR-SD01-06	2/10
Endrin	UG/KG	3.8 UJ	44 U	ND	ND		0/10
Endosulfan II	UG/KG	3.8 UJ	44 U	ND	ND		0/10
4,4'-DDD	UG/KG	3.8 UJ	44 U	8.6	15	28-NR-SD01-06	3/10
Endosulfan sulfate	UG/KG	3.8 UJ	44 U	ND	ND		0/10
4,4'-DDT	UG/KG	3.8 UJ	6.5 U	33	300	28-NR-SD03-612	3/10
Methoxychlor	UG/KG	19 UJ	230 U	ND	ND		0/10
Endrin ketone	UG/KG	3.8 UJ	44 U	ND	ND		0/10
Endrin aldehyde	UG/KG	3.8 UJ	44 U	ND	ND		0/10
alpha-Chlordane	UG/KG	1.9 UJ	23 U	4.8	6.6 J	28-NR-SD04-612	2/10
gamma-Chlordane	UG/KG	1.9 UJ	23 U	3.1 J	4.6 J	28-NR-SD04-612	2/10
Toxaphene	UG/KG	190 UJ	2300 U	ND	ND		0/10
Aroclor 1016	UG/KG	38 UJ	440 U	ND	ND		0/10
Aroclor 1221	UG/KG	77 UJ	890 U	ND	ND		0/10
Aroclor 1232	UG/KG	38 UJ	440 U	ND	ND		0/10
Aroclor 1242	UG/KG	38 UJ	440 U	ND	ND		0/10
Aroclor 1248	UG/KG	38 UJ	440 U	ND	ND		0/10
Aroclor 1254	UG/KG	38 UJ	440 U	ND	ND		0/10
Aroclor 1260	UG/KG	38 UJ	440 U	ND	ND		0/10

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-NR-SD01-06	28-NR-SD01-612	28-NR-SD02-06	28-NR-SD02-612	28-NR-SD03-06	28-NR-SD03-612
Laboratory Sample ID:		940250-02	940250-03	940241-20	940241-21	940241-27	940241-28
Date Sampled:		3/28/94	3/28/94	3/26/94	3/26/94	3/25/94	3/25/94
Percent Solids		80.0	87.0	77.0	73.0	74.0	75.0
	UNITS						
Aluminum	MG/KG	919	1100	6890	5420	514	1090
Antimony	MG/KG	263 J	8.6 UJ	6.6 UJ	6.7 R	6.4 R	6.2 R
Arsenic	MG/KG	12.5	0.76 UJ	0.59 J	1.8	1.6	2.2
Barium	MG/KG	2.2	2.5	7.0	8.7	3.4	4.8
Beryllium	MG/KG	0.20 U	0.25 U	0.19 U	0.20 U	0.19 U	0.18 U
Cadmium	MG/KG	0.61 U	0.76 U	0.58 U	0.59 U	0.56 U	0.55 U
Calcium	MG/KG	4090	329	967	825 J	11300 J	16700 J
Chromium	MG/KG	1.4 U	2.1	8.3	9.8	4.1	6.1
Cobalt	MG/KG	0.82 U	1.0 U	0.77 U	0.79 U	0.75 U	0.73 U
Copper	MG/KG	1340	78.3	1.7	1.6	7.6	10.1
Iron	MG/KG	1620	1660	1560	1900	6110	4420
Lead	MG/KG	38800	170	7.2	6.0 J	20.6 J	26.6 J
Magnesium	MG/KG	277	252	408	296 J	304 J	406 J
Manganese	MG/KG	2.8 J	6.9 J	4.9 J	1.9 J	4.0 J	17.8 J
Mercury	MG/KG	0.06 U	0.05	0.05 U	0.05 U	0.06 U	0.05 U
Nickel	MG/KG	1.4 U	3.2	1.4 U	1.4	1.3 U	1.3 U
Potassium	MG/KG	71.0 J	97.2 J	373 J	345 J	75.5 J	126 J
Selenium	MG/KG	81.7 U	1.0 U	0.77 U	0.79 U	0.75 U	0.73 U
Silver	MG/KG	1.0 UJ	1.3 UJ	0.97 UJ	0.99 UJ	3.4 J	0.91 UJ
Sodium	MG/KG	820	593	150	79.0 U	461	554
Thallium	MG/KG	0.82 U	1.0 U	0.77 U	0.79 U	0.75 U	0.73 U
Vanadium	MG/KG	2.8	3.6	10.2	20.9	5.3	6.0
Zinc	MG/KG	117 J	24.1 J	5.3	3.7	23.9	40.5

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-NR-SD04-06	28-NR-SD04-612	28-NR-SD05-06	28-NR-SD05-612
Laboratory Sample ID:		940241-29	940241-30	940241-31	940241-32
Date Sampled:		3/25/94	3/25/94	3/25/94	3/25/94
Percent Solids		73.0	66.0	53.0	51.0
	UNITS				
Aluminum	MG/KG	2300	1090	11700	9590
Antimony	MG/KG	8.7 J	7.5 R	11.0 R	12.0 R
Arsenic	MG/KG	5.0	2.8	2.5	1.7
Barium	MG/KG	4.5	3.3	11.9	28.9
Beryllium	MG/KG	0.18 U	0.22 U	0.32 U	0.35 U
Cadmium	MG/KG	0.55 U	1.0 U	2.0 U	1.2 U
Calcium	MG/KG	96800 J	42600 J	748 J	941 J
Chromium	MG/KG	10.0	4.3	34.1	25.1
Cobalt	MG/KG	0.92	0.88 U	1.3 U	1.4 U
Copper	MG/KG	2.4	1.5	8.8	8.5
Iron	MG/KG	12200	6370	30600	7730
Lead	MG/KG	5.8 J	3.5 J	11.1 J	17.3 J
Magnesium	MG/KG	1920 J	788 J	2390 J	1190 J
Manganese	MG/KG	18.8 J	8.0 J	3.6 J	7.4 J
Mercury	MG/KG	0.06 U	0.07 U	0.10 U	0.10 U
Nickel	MG/KG	1.3 U	1.5 U	2.3 U	2.5 U
Potassium	MG/KG	336 J	169 J	2210 J	1470 J
Selenium	MG/KG	7.3 U	0.88 U	1.3 U	1.4 U
Silver	MG/KG	0.91 UJ	1.1 UJ	3.1 J	1.8 UJ
Sodium	MG/KG	1290	964	3870	3740
Thallium	MG/KG	0.73 U	0.88 U	1.3 U	1.4 U
Vanadium	MG/KG	21.9	9.7	37.4	22.1
Zinc	MG/KG	10.2	5.4	10.7	8.5

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Percent Solids							
	UNITS						
Aluminum	MG/KG	NA	NA	514	11700	28-NR-SD05-06	10/10
Antimony	MG/KG	6.6 UJ	8.6 UJ	6.2 R	263 J	28-NR-SD01-06	8/10
Arsenic	MG/KG	0.76 UJ	0.76 UJ	0.59 J	12.5	28-NR-SD01-06	9/10
Barium	MG/KG	NA	NA	2.2	28.9	28-NR-SD05-612	10/10
Beryllium	MG/KG	0.18 U	0.35 U	ND	ND		0/10
Cadmium	MG/KG	0.55 U	2 U	ND	ND		0/10
Calcium	MG/KG	NA	NA	329	96800 J	28-NR-SD04-06	10/10
Chromium	MG/KG	1.4 U	1.4 U	2.1	34.1	28-NR-SD05-06	9/10
Cobalt	MG/KG	0.73 U	1.4 U	0.92	0.92	28-NR-SD04-06	1/10
Copper	MG/KG	NA	NA	1.5	1340	28-NR-SD01-06	10/10
Iron	MG/KG	NA	NA	1560	30600	28-NR-SD05-06	10/10
Lead	MG/KG	NA	NA	3.5 J	38800	28-NR-SD01-06	10/10
Magnesium	MG/KG	NA	NA	252	2390 J	28-NR-SD05-06	10/10
Manganese	MG/KG	NA	NA	1.9 J	18.8 J	28-NR-SD04-06	10/10
Mercury	MG/KG	0.05 U	0.1 U	0.05	0.05	28-NR-SD01-612	1/10
Nickel	MG/KG	1.3 U	2.5 U	1.4	3.2	28-NR-SD01-612	2/10
Potassium	MG/KG	NA	NA	71 J	2210 J	28-NR-SD05-06	10/10
Selenium	MG/KG	0.73 U	81.7 U	ND	ND		0/10
Silver	MG/KG	0.91 UJ	1.8 UJ	3.1 J	3.4 J	28-NR-SD03-06	2/10
Sodium	MG/KG	79 U	79 U	150	3870	28-NR-SD05-06	9/10
Thallium	MG/KG	0.73 U	1.4 U	ND	ND		0/10
Vanadium	MG/KG	NA	NA	2.8	37.4	28-NR-SD05-06	10/10
Zinc	MG/KG	NA	NA	3.7	117 J	28-NR-SD01-06	10/10

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBWB01	28OPFSAEWB01	28OPFSRSWB01
Laboratory Sample ID:		940426-11	940426-12	940426-13
Date Sampled:		4/17/94	4/17/94	4/17/94
VOLATILES				
Chloromethane	UG/KG	10 R	10 R	10 R
Bromomethane	UG/KG	10 R	10 R	10 R
Vinyl chloride	UG/KG	10 R	10 R	10 R
Chloroethane	UG/KG	10 R	10 R	10 R
Methylene chloride	UG/KG	6 J	4 J	2 J
Acetone	UG/KG	25 J	9 J	37 J
Carbon Disulfide	UG/KG	10 R	10 R	10 R
1,1-Dichloroethene	UG/KG	10 R	10 R	10 R
1,1-Dichloroethane	UG/KG	10 R	10 R	10 R
1,2-Dichloroethene(total)	UG/KG	10 R	10 R	10 R
Chloroform	UG/KG	10 R	10 R	10 R
1,2-Dichloroethane	UG/KG	10 R	10 R	10 R
2-Butanone	UG/KG	10 R	10 R	10 R
1,1,1-Trichloroethane	UG/KG	10 R	10 R	10 R
Carbon tetrachloride	UG/KG	10 R	10 R	10 R
Bromodichloromethane	UG/KG	10 R	10 R	10 R
1,2-Dichloropropane	UG/KG	10 R	10 R	10 R
cis-1,3-Dichloropropene	UG/KG	10 R	10 R	10 R
Trichloroethene	UG/KG	10 R	10 R	10 R
Dibromochloromethane	UG/KG	10 R	10 R	10 R
1,1,2-Trichloroethane	UG/KG	10 R	10 R	10 R
Benzene	UG/KG	10 R	10 R	10 R
trans-1,3-Dichloropropene	UG/KG	10 R	10 R	10 R
Bromoform	UG/KG	10 R	10 R	10 R
4-Methyl-2-pentanone	UG/KG	10 R	10 R	10 R
2-Hexanone	UG/KG	10 R	10 R	10 R
Tetrachloroethene	UG/KG	10 R	10 R	10 R
1,1,2,2-Tetrachloroethane	UG/KG	10 R	10 R	10 R
Toluene	UG/KG	10 R	7 J	10 R
Chlorobenzene	UG/KG	10 R	10 R	10 R
Ethylbenzene	UG/KG	10 R	10 R	10 R
Styrene	UG/KG	10 R	10 R	10 R
Xylenes (total)	UG/KG	10 R	8 J	10 R

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBWB01	28OPFSAEWB01	28OPFSRSWB01
Laboratory Sample ID:		940426-11	940426-12	940426-13
Date Sampled:		4/17/94	4/17/94	4/17/94
SEMIVOLATILES				
Phenol	UG/KG	490 R	480 R	970 R
bis(2-Chloroethyl) ether	UG/KG	490 R	480 R	970 R
2-Chlorophenol	UG/KG	490 R	480 R	970 R
1,3-Dichlorobenzene	UG/KG	490 R	480 R	970 R
1,4-Dichlorobenzene	UG/KG	490 R	480 R	970 R
1,2-Dichlorobenzene	UG/KG	490 R	480 R	970 R
2-Methylphenol	UG/KG	490 R	480 R	970 R
2,2'-oxybis-(1-chloropropane)	UG/KG	490 R	480 R	970 R
4-Methylphenol	UG/KG	490 R	480 R	970 R
N-Nitroso-di-n-propylamine	UG/KG	490 R	480 R	970 R
Hexachloroethane	UG/KG	490 R	480 R	970 R
Nitrobenzene	UG/KG	490 R	480 R	970 R
Isophorone	UG/KG	490 R	480 R	970 R
2-Nitrophenol	UG/KG	490 R	480 R	970 R
2,4-Dimethylphenol	UG/KG	490 R	480 R	970 R
bis(2-Chloroethoxy) methane	UG/KG	490 R	480 R	970 R
2,4-Dichlorophenol	UG/KG	490 R	480 R	970 R
1,2,4-Trichlorobenzene	UG/KG	490 R	480 R	970 R
Naphthalene	UG/KG	490 R	480 R	970 R
4-Chloroaniline	UG/KG	490 R	480 R	970 R
Hexachlorobutadiene	UG/KG	490 R	480 R	970 R
4-Chloro-3-methylphenol	UG/KG	490 R	480 R	970 R
2-Methylnaphthalene	UG/KG	490 R	480 R	970 R
Hexachlorocyclopentadiene	UG/KG	490 R	480 R	970 R
2,4,6-Trichlorophenol	UG/KG	490 R	480 R	970 R
2,4,5-Trichlorophenol	UG/KG	1200 R	1200 R	2400 R
2-Chloronaphthalene	UG/KG	490 R	480 R	970 R
2-Nitroaniline	UG/KG	1200 R	1200 R	2400 R
Dimethyl phthalate	UG/KG	490 R	480 R	970 R
Acenaphthylene	UG/KG	490 R	480 R	970 R
2,6-Dinitrotoluene	UG/KG	490 R	480 R	970 R
3-Nitroaniline	UG/KG	1200 R	1200 R	2400 R
Acenaphthene	UG/KG	490 R	480 R	970 R

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBWB01	28OPFSAEWB01	28OPFSRSWB01
Laboratory Sample ID:		940426-11	940426-12	940426-13
Date Sampled:		4/17/94	4/17/94	4/17/94
SEMIVOLATILES Cont.				
2,4-Dinitrophenol	UG/KG	1200 R	1200 R	2400 R
4-Nitrophenol	UG/KG	1200 R	1200 R	2400 R
Dibenzofuran	UG/KG	490 R	480 R	970 R
2,4-Dinitrotoluene	UG/KG	490 R	480 R	970 R
Diethylphthalate	UG/KG	490 R	480 R	970 R
4-Chlorophenyl phenyl ether	UG/KG	490 R	480 R	970 R
Fluorene	UG/KG	490 R	480 R	970 R
4-Nitroaniline	UG/KG	1200 R	1200 R	2400 R
4,6-Dinitro-2-methylphenol	UG/KG	1200 R	1200 R	2400 R
N-nitrosodiphenylamine	UG/KG	490 R	480 R	970 R
4-Bromophenyl-phenylether	UG/KG	490 R	480 R	970 R
Hexachlorobenzene	UG/KG	490 R	480 R	970 R
Pentachlorophenol	UG/KG	1200 R	1200 R	2400 R
Phenanthrene	UG/KG	490 R	480 R	970 R
Anthracene	UG/KG	490 R	480 R	970 R
Carbazole	UG/KG	490 R	480 R	970 R
di-n-Butylphthalate	UG/KG	490 R	480 R	970 R
Fluoranthene	UG/KG	490 R	480 R	970 R
Pyrene	UG/KG	490 R	480 R	970 R
Butyl benzyl phthalate	UG/KG	490 R	480 R	970 R
3,3'-Dichlorobenzidine	UG/KG	490 R	480 R	970 R
Benzo[a]anthracene	UG/KG	490 R	480 R	970 R
Chrysene	UG/KG	490 R	480 R	970 R
bis(2-Ethylhexyl)phthalate	UG/KG	490 R	2900 J	4000 J
di-n-Octylphthalate	UG/KG	490 R	480 R	970 R
Benzo[b]fluoranthene	UG/KG	490 R	480 R	970 R
Benzo[k]fluoranthene	UG/KG	490 R	480 R	970 R
Benzo[a]pyrene	UG/KG	490 R	480 R	970 R
Indeno[1,2,3-cd]pyrene	UG/KG	490 R	480 R	970 R
Dibenz[a,h]anthracene	UG/KG	490 R	480 R	970 R
Benzo[g,h,i]perylene	UG/KG	490 R	480 R	970 R

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBWB01	28OPFSAEWB01	28OPFSRSWB01
Laboratory Sample ID:		940426-11	940426-12	940426-13
Date Sampled:		4/17/94	4/17/94	4/17/94
PESTICIDES/PCBs				
alpha-BHC	UG/KG	2.5 UJ	2.5 UJ	2.5 UJ
beta-BHC	UG/KG	2.5 U	2.5 U	2.5 UJ
delta-BHC	UG/KG	2.5 U	2.5 U	2.5 UJ
Lindane (gamma-BHC)	UG/KG	2.5 U	2.5 U	2.5 UJ
Heptachlor	UG/KG	2.5 U	2.5 U	2.5 UJ
Aldrin	UG/KG	2.5 U	2.5 U	2.5 UJ
Heptachlor epoxide	UG/KG	2.5 U	2.5 U	2.5 UJ
Endosulfan I	UG/KG	2.5 U	2.5 U	2.5 UJ
Dieldrin	UG/KG	4.9 U	4.8 U	4.9 UJ
4,4'-DDE	UG/KG	5.4	38	4.4 J
Endrin	UG/KG	4.9 U	4.8 U	4.9 UJ
Endosulfan II	UG/KG	4.9 U	4.8 U	4.9 UJ
4,4'-DDD	UG/KG	4.9 U	4.8 U	4.9 UJ
Endosulfan sulfate	UG/KG	4.9 U	4.8 U	4.9 UJ
4,4'-DDT	UG/KG	4.9 U	4.8 U	4.9 UJ
Methoxychlor	UG/KG	25 U	25 U	25 UJ
Endrin ketone	UG/KG	4.9 U	4.8 U	4.9 UJ
Endrin aldehyde	UG/KG	4.9 U	4.8 U	4.9 UJ
alpha-Chlordane	UG/KG	2.5 U	13 NJ	2.5 UJ
gamma-Chlordane	UG/KG	2.5 U	2.5 U	2.5 UJ
Toxaphene	UG/KG	250 U	250 U	250 UJ
Aroclor 1016	UG/KG	49 U	48 U	49 UJ
Aroclor 1221	UG/KG	98 U	98 U	98 UJ
Aroclor 1232	UG/KG	49 U	48 U	49 UJ
Aroclor 1242	UG/KG	49 U	48 U	49 UJ
Aroclor 1248	UG/KG	49 U	48 U	49 UJ
Aroclor 1254	UG/KG	49 U	48 U	49 UJ
Aroclor 1260	UG/KG	49 U	48 U	49 UJ

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Bromomethane	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Vinyl chloride	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Chloroethane	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Methylene chloride	UG/KG	NA	NA	2 J	6 J	28OPFSLBWB01	3/3
Acetone	UG/KG	NA	NA	9 J	37 J	28OPFSRSWB01	3/3
Carbon Disulfide	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
1,1-Dichloroethene	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
1,1-Dichloroethane	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
1,2-Dichloroethene(total)	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Chloroform	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
1,2-Dichloroethane	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
2-Butanone	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
1,1,1-Trichloroethane	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Carbon tetrachloride	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Bromodichloromethane	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
1,2-Dichloropropane	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
cis-1,3-Dichloropropene	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Trichloroethene	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Dibromochloromethane	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
1,1,2-Trichloroethane	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Benzene	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
trans-1,3-Dichloropropene	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Bromoform	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
4-Methyl-2-pentanone	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
2-Hexanone	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Tetrachloroethene	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
1,1,2,2-Tetrachloroethane	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Toluene	UG/KG	NA	NA	7 J	10 R	28OPFSRSWB01	3/3
Chlorobenzene	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Ethylbenzene	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Styrene	UG/KG	NA	NA	10 R	10 R	28OPFSRSWB01	3/3
Xylenes (total)	UG/KG	NA	NA	8 J	10 R	28OPFSRSWB01	3/3

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
bis(2-Chloroethyl) ether	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
2-Chlorophenol	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
1,3-Dichlorobenzene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
1,4-Dichlorobenzene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
1,2-Dichlorobenzene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
2-Methylphenol	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
2,2'-oxybis-(1-chloropropane)	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
4-Methylphenol	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
N-Nitroso-di-n-propylamine	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Hexachloroethane	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Nitrobenzene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Isophorone	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
2-Nitrophenol	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
2,4-Dimethylphenol	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
bis(2-Chloroethoxy) methane	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
2,4-Dichlorophenol	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
1,2,4-Trichlorobenzene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Naphthalene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
4-Chloroaniline	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Hexachlorobutadiene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
4-Chloro-3-methylphenol	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
2-Methylnaphthalene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Hexachlorocyclopentadiene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
2,4,6-Trichlorophenol	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
2,4,5-Trichlorophenol	UG/KG	NA	NA	1200 R	2400 R	28OPFSRSWB01	3/3
2-Chloronaphthalene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
2-Nitroaniline	UG/KG	NA	NA	1200 R	2400 R	28OPFSRSWB01	3/3
Dimethyl phthalate	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Acenaphthylene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
2,6-Dinitrotoluene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
3-Nitroaniline	UG/KG	NA	NA	1200 R	2400 R	28OPFSRSWB01	3/3
Acenaphthene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	NA	NA	1200 R	2400 R	28OPFSRSWB01	3/3
4-Nitrophenol	UG/KG	NA	NA	1200 R	2400 R	28OPFSRSWB01	3/3
Dibenzofuran	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
2,4-Dinitrotoluene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Diethylphthalate	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
4-Chlorophenyl phenyl ether	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Fluorene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
4-Nitroaniline	UG/KG	NA	NA	1200 R	2400 R	28OPFSRSWB01	3/3
4,6-Dinitro-2-methylphenol	UG/KG	NA	NA	1200 R	2400 R	28OPFSRSWB01	3/3
N-nitrosodiphenylamine	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
4-Bromophenyl-phenylether	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Hexachlorobenzene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Pentachlorophenol	UG/KG	NA	NA	1200 R	2400 R	28OPFSRSWB01	3/3
Phenanthrene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Anthracene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Carbazole	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
di-n-Butylphthalate	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Fluoranthene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Pyrene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Butyl benzyl phthalate	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
3,3'-Dichlorobenzidine	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Benzo[a]anthracene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Chrysene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
bis(2-Ethylhexyl)phthalate	UG/KG	NA	NA	490 R	4000 J	28OPFSRSWB01	3/3
di-n-Octylphthalate	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Benzo[b]fluoranthene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Benzo[k]fluoranthene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Benzo[a]pyrene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Indeno[1,2,3-cd]pyrene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Dibenz[a,h]anthracene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3
Benzo[g,h,i]perylene	UG/KG	NA	NA	480 R	970 R	28OPFSRSWB01	3/3

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
PESTICIDES/PCBs							
alpha-BHC	UG/KG	2.5 UJ	2.5 UJ	ND	ND		0/2
beta-BHC	UG/KG	2.5 U	2.5 U	ND	ND		0/3
delta-BHC	UG/KG	2.5 U	2.5 U	ND	ND		0/3
Lindane (gamma-BHC)	UG/KG	2.5 U	2.5 U	ND	ND		0/3
Heptachlor	UG/KG	2.5 U	2.5 U	ND	ND		0/3
Aldrin	UG/KG	2.5 U	2.5 U	ND	ND		0/3
Heptachlor epoxide	UG/KG	2.5 U	2.5 U	ND	ND		0/3
Endosulfan I	UG/KG	2.5 U	2.5 U	ND	ND		0/3
Dieldrin	UG/KG	4.8 U	4.9 U	ND	ND		0/3
4,4'-DDE	UG/KG	NA	NA	4.4 J	38	28OPFSAEWB01	3/3
Endrin	UG/KG	4.8 U	4.9 U	ND	ND		0/3
Endosulfan II	UG/KG	4.8 U	4.9 U	ND	ND		0/3
4,4'-DDD	UG/KG	4.8 U	4.9 U	ND	ND		0/3
Endosulfan sulfate	UG/KG	4.8 U	4.9 U	ND	ND		0/3
4,4'-DDT	UG/KG	4.8 U	4.9 U	ND	ND		0/3
Methoxychlor	UG/KG	25 U	25 U	ND	ND		0/3
Endrin ketone	UG/KG	4.8 U	4.9 U	ND	ND		0/3
Endrin aldehyde	UG/KG	4.8 U	4.9 U	ND	ND		0/3
alpha-Chlordane	UG/KG	2.5 U	2.5 U	13 NJ	13 NJ	28OPFSAEWB01	1/3
gamma-Chlordane	UG/KG	2.5 U	2.5 U	ND	ND		0/3
Toxaphene	UG/KG	250 U	250 U	ND	ND		0/3
Aroclor 1016	UG/KG	48 U	49 U	ND	ND		0/3
Aroclor 1221	UG/KG	98 U	98 U	ND	ND		0/3
Aroclor 1232	UG/KG	48 U	49 U	ND	ND		0/3
Aroclor 1242	UG/KG	48 U	49 U	ND	ND		0/3
Aroclor 1248	UG/KG	48 U	49 U	ND	ND		0/3
Aroclor 1254	UG/KG	48 U	49 U	ND	ND		0/3
Aroclor 1260	UG/KG	48 U	49 U	ND	ND		0/3

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
METALS

Client Sample ID:		28OPFSLBWB01	28OPFSAEWB01	28OPFSRSWB01
Laboratory Sample ID:		940426-11	940426-12	940426-13
Date Sampled:		4/17/94	4/17/94	4/17/94
	UNITS			
Aluminum	MG/KG	10.7 U	5.8 U	35.8 U
Antimony	MG/KG	0.16 UJ	0.17 UJ	0.17 J
Arsenic	MG/KG	0.01 R	0.02 R	0.10 J
Barium	MG/KG	0.42 J	0.80 J	1.5 J
Beryllium	MG/KG	0.0048 UJ	0.0049 UJ	0.0047 UJ
Cadmium	MG/KG	0.01 UJ	0.02 UJ	0.01 UJ
Calcium	MG/KG	8410	5600	14000
Chromium	MG/KG	0.58 R	10.7 J	2.3 R
Cobalt	MG/KG	0.02 UJ	0.09 J	0.04 J
Copper	MG/KG	0.23 J	1.2 J	0.42 J
Iron	MG/KG	9.2 U	63.2	46.6
Lead	MG/KG	0.03 UJ	0.08 UJ	0.09 UJ
Magnesium	MG/KG	365	258	389
Manganese	MG/KG	0.24 UJ	0.83 J	1.4 J
Mercury	MG/KG	0.14 J	0.18 J	0.0017 U
Nickel	MG/KG	0.08 R	3.1 R	0.46 R
Potassium	MG/KG	3050	2580	2270
Selenium	MG/KG	0.35 J	0.45 J	0.31 J
Silver	MG/KG	0.02 R	0.03 R	0.02 R
Sodium	MG/KG	707	714	844
Thallium	MG/KG	0.02 UJ	0.02 UJ	0.02 UJ
Vanadium	MG/KG	0.01 UJ	0.02 UJ	0.02 J
Zinc	MG/KG	12.8 J	26.3 J	21.3 J

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
METALS

Client Sample ID: / Laboratory Sample ID: / Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Aluminum	MG/KG	5.8 U	35.8 U	ND	ND		0/3
Antimony	MG/KG	0.16 UJ	0.17 UJ	0.17 J	0.17 J	28OPFSRSWB01	1/3
Arsenic	MG/KG	NA	NA	0.01 R	0.1 J	28OPFSRSWB01	3/3
Barium	MG/KG	NA	NA	0.42 J	1.5 J	28OPFSRSWB01	3/3
Beryllium	MG/KG	0.0047 UJ	0.0049 UJ	ND	ND		0/3
Cadmium	MG/KG	0.01 UJ	0.02 UJ	ND	ND		0/3
Calcium	MG/KG	NA	NA	5600	14000	28OPFSRSWB01	3/3
Chromium	MG/KG	NA	NA	0.58 R	10.7 J	28OPFSAEWB01	3/3
Cobalt	MG/KG	0.02 UJ	0.02 UJ	0.04 J	0.09 J	28OPFSAEWB01	2/3
Copper	MG/KG	NA	NA	0.23 J	1.2 J	28OPFSAEWB01	3/3
Iron	MG/KG	9.2 U	9.2 U	46.6	63.2	28OPFSAEWB01	2/3
Lead	MG/KG	0.03 UJ	0.09 UJ	ND	ND		0/3
Magnesium	MG/KG	NA	NA	258	389	28OPFSRSWB01	3/3
Manganese	MG/KG	0.24 UJ	0.24 UJ	0.83 J	1.4 J	28OPFSRSWB01	2/3
Mercury	MG/KG	0.0017 U	0.0017 U	0.14 J	0.18 J	28OPFSAEWB01	2/3
Nickel	MG/KG	NA	NA	0.08 R	3.1 R	28OPFSAEWB01	3/3
Potassium	MG/KG	NA	NA	2270	3050	28OPFSLBWB01	3/3
Selenium	MG/KG	NA	NA	0.31 J	0.45 J	28OPFSAEWB01	3/3
Silver	MG/KG	NA	NA	0.02 R	0.03 R	28OPFSAEWB01	3/3
Sodium	MG/KG	NA	NA	707	844	28OPFSRSWB01	3/3
Thallium	MG/KG	0.02 UJ	0.02 UJ	ND	ND		0/3
Vanadium	MG/KG	0.01 UJ	0.02 UJ	0.02 J	0.02 J	28OPFSRSWB01	1/3
Zinc	MG/KG	NA	NA	12.8 J	26.3 J	28OPFSAEWB01	3/3

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBF01	OP1A-BGA	OP1A-BGB	OP1A-RDA	OP1A-RDB	28OPFSWMF01
Laboratory Sample ID:		940426-10	NA	NA	NA	NA	940426-14
Date Sampled:		3/28/94	10/4/93	10/4/93	10/4/93	10/4/93	3/28/94
VOLATILES							
Chloromethane	UG/KG	10 R	10 U	10 U	10 U	10 U	NA
Bromomethane	UG/KG	10 R	10 U	10 U	10 U	10 U	NA
Vinyl chloride	UG/KG	10 R	10 U	10 U	10 U	10 U	NA
Chloroethane	UG/KG	10 R	10 U	10 U	10 U	10 U	NA
Methylene chloride	UG/KG	10 R	10 U	10 U	10 U	10 U	NA
Acetone	UG/KG	16 J	55 J	73 J	110 J	82 J	NA
Carbon Disulfide	UG/KG	10 R	10 U	10 U	10 U	10 U	NA
1,1-Dichloroethene	UG/KG	10 R	10 U	10 U	10 U	10 UJ	NA
1,1-Dichloroethane	UG/KG	10 R	10 U	10 U	10 U	10 U	NA
1,2-Dichloroethene(total)	UG/KG	10 R	10 U	10 U	10 U	10 U	NA
Chloroform	UG/KG	10 R	10 U	10 U	10 U	10 U	NA
1,2-Dichloroethane	UG/KG	10 R	10 U	10 U	10 U	10 U	NA
2-Butanone	UG/KG	10 R	10 U	10 U	10 U	10 UJ	NA
1,1,1-Trichloroethane	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
Carbon tetrachloride	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
Bromodichloromethane	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
1,2-Dichloropropane	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
cis-1,3-Dichloropropene	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
Trichloroethene	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
Dibromochloromethane	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
1,1,2-Trichloroethane	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
Benzene	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
trans-1,3-Dichloropropene	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
Bromoform	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
4-Methyl-2-pentanone	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
2-Hexanone	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
Tetrachloroethene	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
Toluene	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
Chlorobenzene	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
Ethylbenzene	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
Styrene	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA
Xylenes (total)	UG/KG	10 R	10 U	10 U	10 UJ	10 U	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBF01	OP1A-BGA	OP1A-BGB	OP1A-RDA	OP1A-RDB	28OPFSWMF01
Laboratory Sample ID:		940426-10	NA	NA	NA	NA	940426-14
Date Sampled:		3/28/94	10/4/93	10/4/93	10/4/93	10/4/93	3/28/94
SEMIVOLATILES							
Phenol	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
bis(2-Chloroethyl) ether	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
2-Chlorophenol	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
1,3-Dichlorobenzene	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
1,4-Dichlorobenzene	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
1,2-Dichlorobenzene	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
2-Methylphenol	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
2,2'-oxybis-(1-chloropropane)	UG/KG	490 R	44 UJ	43 UJ	44 UJ	44 U	500 R
4-Methylphenol	UG/KG	490 R	160	43 U	44 U	44 U	500 R
N-Nitroso-di-n-propylamine	UG/KG	490 R	44 UJ	43 UJ	44 U	44 U	500 R
Hexachloroethane	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
Nitrobenzene	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
Isophorone	UG/KG	490 R	44 UJ	43 UJ	44 U	44 U	500 R
2-Nitrophenol	UG/KG	490 R	44 U	43 U	44 UJ	44 U	500 R
2,4-Dimethylphenol	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
bis(2-Chloroethoxy) methane	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
2,4-Dichlorophenol	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
1,2,4-Trichlorobenzene	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
Naphthalene	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
4-Chloroaniline	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
Hexachlorobutadiene	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
4-Chloro-3-methylphenol	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
2-Methylnaphthalene	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
Hexachlorocyclopentadiene	UG/KG	490 R	44 UJ	43 UJ	44 U	44 U	500 R
2,4,6-Trichlorophenol	UG/KG	490 R	44 U	43 J	44 U	44 U	500 R
2,4,5-Trichlorophenol	UG/KG	1200 R	110 UJ	100 UJ	110 U	110 U	1200 R
2-Chloronaphthalene	UG/KG	490 R	44 U	43 UJ	44 U	44 U	500 R
2-Nitroaniline	UG/KG	1200 R	110 U	100 U	110 U	110 U	1200 R
Dimethyl phthalate	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
Acenaphthylene	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
2,6-Dinitrotoluene	UG/KG	490 R	44 U	43 U	44 UJ	44 U	500 R
3-Nitroaniline	UG/KG	1200 R	110 J	100 UJ	110 U	110 U	1200 R
Acenaphthene	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBF01	OP1A-BGA	OP1A-BGB	OP1A-RDA	OP1A-RDB	28OPFSWMF01
Laboratory Sample ID:		940426-10	NA	NA	NA	NA	940426-14
Date Sampled:		3/28/94	10/4/93	10/4/93	10/4/93	10/4/93	3/28/94
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	1200 R	110 UJ	100 UJ	110 U	110 U	1200 R
4-Nitrophenol	UG/KG	1200 R	110 UJ	100 UJ	110 UJ	110 UJ	1200 R
Dibenzofuran	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
2,4-Dinitrotoluene	UG/KG	490 R	44 UJ	43 UJ	44 UJ	44 UJ	500 R
Diethylphthalate	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
4-Chlorophenyl phenyl ether	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
Fluorene	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
4-Nitroaniline	UG/KG	1200 R	110 UJ	100 UJ	110 U	110 U	1200 R
4,6-Dinitro-2-methylphenol	UG/KG	1200 R	110 U	100 U	110 U	110 UJ	1200 R
N-nitrosodiphenylamine	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
4-Bromophenyl-phenylether	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
Hexachlorobenzene	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
Pentachlorophenol	UG/KG	1200 R	110 U	100 U	110 UJ	110 UJ	1200 R
Phenanthrene	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
Anthracene	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
Carbazole	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
di-n-Butylphthalate	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
Fluoranthene	UG/KG	490 R	44 U	43 U	44 U	44 U	500 R
Pyrene	UG/KG	490 R	44 UJ	43 UJ	44 U	44 U	500 R
Butyl benzyl phthalate	UG/KG	490 R	44 UJ	43 UJ	44 U	44 UJ	500 R
3,3'-Dichlorobenzidine	UG/KG	490 R	44 UJ	43 UJ	44 U	44 U	500 R
Benzo[a]anthracene	UG/KG	490 R	44 UJ	43 UJ	44 U	44 U	500 R
Chrysene	UG/KG	490 R	44 UJ	43 UJ	44 U	44 U	500 R
bis(2-Ethylhexyl)phthalate	UG/KG	2600 J	12000 J	20000 J	44 U	44 U	730 R
di-n-Octylphthalate	UG/KG	490 R	210 J	610 J	170 J	72 J	500 R
Benzo[b]fluoranthene	UG/KG	490 R	44 UJ	43 UJ	44 U	44 U	500 R
Benzo[k]fluoranthene	UG/KG	490 R	44 UJ	43 UJ	44 U	44 U	500 R
Benzo[a]pyrene	UG/KG	490 R	44 UJ	43 UJ	44 U	44 U	500 R
Indeno[1,2,3-cd]pyrene	UG/KG	490 R	44 UJ	43 UJ	44 U	44 U	500 R
Dibenz[a,h]anthracene	UG/KG	490 R	44 UJ	43 UJ	44 U	44 U	500 R
Benzo[g,h,i]perylene	UG/KG	490 R	44 UJ	43 UJ	44 UJ	44 U	500 R

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBF01	OP1A-BGA	OP1A-BGB	OP1A-RDA	OP1A-RDB	28OPFSWMF01
Laboratory Sample ID:		940426-10	NA	NA	NA	NA	940426-14
Date Sampled:		3/28/94	10/4/93	10/4/93	10/4/93	10/4/93	3/28/94
PESTICIDES/PCBs							
alpha-BHC	UG/KG	2.5 UJ	1.4 U	1.3 U	1.4 U	1.4 U	5.1 UJ
beta-BHC	UG/KG	2.5 UJ	1.4 U	1.3 U	1.4 U	1.4 U	5.1 U
delta-BHC	UG/KG	2.5 UJ	1.4 U	1.3 U	1.4 U	1.4 U	5.1 U
Lindane (gamma-BHC)	UG/KG	2.5 UJ	1.4 U	1.3 U	1.4 U	1.4 U	5.1 U
Heptachlor	UG/KG	2.5 UJ	1.4 U	1.3 U	1.4 U	1.4 U	5.1 U
Aldrin	UG/KG	2.5 UJ	1.4 U	1.3 U	1.4 U	1.4 U	5.1 U
Heptachlor epoxide	UG/KG	2.5 UJ	1.4 U	1.3 U	1.4 U	1.4 U	5.1 U
Endosulfan I	UG/KG	2.5 UJ	1.4 U	1.3 U	1.4 U	1.4 U	5.1 U
Dieldrin	UG/KG	4.9 UJ	2.6 U	2.6 U	2.6 U	2.6 U	9.9 U
4,4'-DDE	UG/KG	4.9 UJ	2.6 UJ	2.6 UJ	2.6 UJ	2.6 U	9.9 U
Endrin	UG/KG	4.9 UJ	2.6 U	2.6 U	2.6 U	2.6 U	9.9 U
Endosulfan II	UG/KG	4.9 UJ	2.6 U	2.6 U	2.6 U	2.6 U	9.9 U
4,4'-DDD	UG/KG	4.9 UJ	2.6 UJ	2.6 UJ	2.6 UJ	2.6 U	9.9 U
Endosulfan sulfate	UG/KG	4.9 UJ	2.6 U	2.6 U	2.6 U	2.6 U	9.9 U
4,4'-DDT	UG/KG	4.9 UJ	2.6 UJ	2.6 UJ	2.6 UJ	2.6 U	9.9 U
Methoxychlor	UG/KG	25 UJ	14 U	13 U	14 U	14 U	51 U
Endrin ketone	UG/KG	4.9 UJ	2.6 U	2.6 U	2.6 U	2.6 U	9.9 U
Endrin aldehyde	UG/KG	4.9 UJ	2.6 U	2.6 U	2.6 U	2.6 U	9.9 U
alpha-Chlordane	UG/KG	2.5 UJ	1.4 U	1.3 U	1.4 U	1.4 U	5.1 U
gamma-Chlordane	UG/KG	2.5 UJ	1.4 U	1.3 U	1.4 U	1.4 U	5.1 U
Toxaphene	UG/KG	250 UJ	140 U	130 U	140 U	140 U	510 U
Aroclor 1016	UG/KG	49 UJ	26 U	26 U	26 U	26 U	99 U
Aroclor 1221	UG/KG	99 UJ	54 U	53 U	54 U	54 U	200 U
Aroclor 1232	UG/KG	49 UJ	26 U	26 U	26 U	26 U	99 U
Aroclor 1242	UG/KG	49 UJ	26 U	26 U	26 U	26 U	99 U
Aroclor 1248	UG/KG	49 UJ	26 U	26 U	26 U	26 U	99 U
Aroclor 1254	UG/KG	49 UJ	26 U	26 U	26 U	26 U	99 U
Aroclor 1260	UG/KG	49 UJ	26 U	26 U	26 U	26 U	99 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Bromomethane	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Vinyl chloride	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Chloroethane	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Methylene chloride	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Acetone	UG/KG	NA	NA	16 J	110 J	OP1A-RDA	5/5
Carbon Disulfide	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
1,1-Dichloroethene	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
1,1-Dichloroethane	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
1,2-Dichloroethene(total)	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Chloroform	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
1,2-Dichloroethane	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
2-Butanone	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
1,1,1-Trichloroethane	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Carbon tetrachloride	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Bromodichloromethane	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
1,2-Dichloropropane	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
cis-1,3-Dichloropropene	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Trichloroethene	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Dibromochloromethane	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
1,1,2-Trichloroethane	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Benzene	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
trans-1,3-Dichloropropene	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Bromoform	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
4-Methyl-2-pentanone	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
2-Hexanone	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Tetrachloroethene	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
1,1,2,2-Tetrachloroethane	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Toluene	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Chlorobenzene	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Ethylbenzene	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Styrene	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5
Xylenes (total)	UG/KG	10 U	10 U	10 R	10 R	28OPFSLBF01	1/5

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
bis(2-Chloroethyl) ether	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
2-Chlorophenol	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
1,3-Dichlorobenzene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
1,4-Dichlorobenzene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
1,2-Dichlorobenzene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
2-Methylphenol	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
2,2'-oxybis-(1-chloropropane)	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6
4-Methylphenol	UG/KG	43 U	44 U	180	500 R	28OPFSWMF01	3/6
N-Nitroso-di-n-propylamine	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6
Hexachloroethane	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
Nitrobenzene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
Isophorone	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6
2-Nitrophenol	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
2,4-Dimethylphenol	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
bis(2-Chloroethoxy) methane	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
2,4-Dichlorophenol	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
1,2,4-Trichlorobenzene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
Naphthalene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
4-Chloroaniline	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
Hexachlorobutadiene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
4-Chloro-3-methylphenol	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
2-Methylnaphthalene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
Hexachlorocyclopentadiene	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6
2,4,6-Trichlorophenol	UG/KG	44 U	44 U	43 J	500 R	28OPFSWMF01	3/6
2,4,5-Trichlorophenol	UG/KG	100 UJ	110 UJ	1200 R	1200 R	28OPFSWMF01	2/6
2-Chloronaphthalene	UG/KG	43 UJ	44 U	490 R	500 R	28OPFSWMF01	2/6
2-Nitroaniline	UG/KG	100 U	110 U	1200 R	1200 R	28OPFSWMF01	2/6
Dimethyl phthalate	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
Acenaphthylene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
2,6-Dinitrotoluene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
3-Nitroaniline	UG/KG	100 UJ	110 U	110 J	1200 R	28OPFSWMF01	3/6
Acenaphthene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	100 UJ	110 UJ	1200 R	1200 R	28OPFSWMF01	2/6
4-Nitrophenol	UG/KG	100 UJ	110 UJ	1200 R	1200 R	28OPFSWMF01	2/6
Dibenzofuran	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
2,4-Dinitrotoluene	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6
Diethylphthalate	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
4-Chlorophenyl phenyl ether	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
Fluorene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
4-Nitroaniline	UG/KG	100 UJ	110 UJ	1200 R	1200 R	28OPFSWMF01	2/6
4,6-Dinitro-2-methylphenol	UG/KG	100 U	110 U	1200 R	1200 R	28OPFSWMF01	2/6
N-nitrosodiphenylamine	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
4-Bromophenyl-phenylether	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
Hexachlorobenzene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
Pentachlorophenol	UG/KG	100 U	110 U	1200 R	1200 R	28OPFSWMF01	2/6
Phenanthrene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
Anthracene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
Carbazole	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
di-n-Butylphthalate	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
Fluoranthene	UG/KG	43 U	44 U	490 R	500 R	28OPFSWMF01	2/6
Pyrene	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6
Butyl benzyl phthalate	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6
3,3'-Dichlorobenzidine	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6
Benzo[a]anthracene	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6
Chrysene	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6
bis(2-Ethylhexyl)phthalate	UG/KG	44 U	44 U	730 R	20000 J	OP1A-BGB	4/6
di-n-Octylphthalate	UG/KG	NA	NA	72 J	610 J	OP1A-BGB	6/6
Benzo[b]fluoranthene	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6
Benzo[k]fluoranthene	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6
Benzo[a]pyrene	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6
Indeno[1,2,3-cd]pyrene	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6
Dibenz[a,h]anthracene	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6
Benzo[g,h,i]perylene	UG/KG	43 UJ	44 UJ	490 R	500 R	28OPFSWMF01	2/6

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
PESTICIDES/PCBs							
alpha-BHC	UG/KG	1.3 U	5.1 UJ	ND	ND		0/6
beta-BHC	UG/KG	1.3 U	5.1 U	ND	ND		0/6
delta-BHC	UG/KG	1.3 U	5.1 U	ND	ND		0/6
Lindane (gamma-BHC)	UG/KG	1.3 U	5.1 U	ND	ND		0/6
Heptachlor	UG/KG	1.3 U	5.1 U	ND	ND		0/6
Aldrin	UG/KG	1.3 U	5.1 U	ND	ND		0/6
Heptachlor epoxide	UG/KG	1.3 U	5.1 U	ND	ND		0/6
Endosulfan I	UG/KG	1.3 U	5.1 U	ND	ND		0/6
Dieldrin	UG/KG	2.6 U	9.9 U	ND	ND		0/6
4,4'-DDE	UG/KG	2.6 UJ	9.9 U	ND	ND		0/6
Endrin	UG/KG	2.6 U	9.9 U	ND	ND		0/6
Endosulfan II	UG/KG	2.6 U	9.9 U	ND	ND		0/6
4,4'-DDD	UG/KG	2.6 UJ	9.9 U	ND	ND		0/6
Endosulfan sulfate	UG/KG	2.6 U	9.9 U	ND	ND		0/6
4,4'-DDT	UG/KG	2.6 UJ	9.9 U	ND	ND		0/6
Methoxychlor	UG/KG	13 U	51 U	ND	ND		0/6
Endrin ketone	UG/KG	2.6 U	9.9 U	ND	ND		0/6
Endrin aldehyde	UG/KG	2.6 U	9.9 U	ND	ND		0/6
alpha-Chlordane	UG/KG	1.3 U	5.1 U	ND	ND		0/6
gamma-Chlordane	UG/KG	1.3 U	5.1 U	ND	ND		0/6
Toxaphene	UG/KG	130 U	510 U	ND	ND		0/6
Aroclor 1016	UG/KG	26 U	99 U	ND	ND		0/6
Aroclor 1221	UG/KG	53 U	200 U	ND	ND		0/6
Aroclor 1232	UG/KG	26 U	99 U	ND	ND		0/6
Aroclor 1242	UG/KG	26 U	99 U	ND	ND		0/6
Aroclor 1248	UG/KG	26 U	99 U	ND	ND		0/6
Aroclor 1254	UG/KG	26 U	99 U	ND	ND		0/6
Aroclor 1260	UG/KG	26 U	99 U	ND	ND		0/6

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLET
FREQUENY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
METALS

Client Sample ID:		28OPFSLBF01	28OPFSWMF01	OP1A-BGA	OP1A-BGB	OP1A-RDA	OP1A-RDB
Laboratory Sample ID:		940426-10	940426-14	BC6A-G	BC6A-G	BC6A-G	BC6A-G
Date Sampled:		3/28/94	3/28/94	10/4/93	10/4/93	10/4/93	10/4/93
	UNITS						
Aluminum	MG/KG	1.3 U	1.6 U	2 U	0.74 U	6.2 U	1.5 U
Antimony	MG/KG	0.16 UJ	0.16 UJ	0.9 UJ	0.6 UJ	0.66 UJ	0.65 UJ
Arsenic	MG/KG	0.01 R	0.01 R	0.09 L	0.1 L	0.07 UJ	0.08 L
Barium	MG/KG	0.36 J	0.60 J	0.99 U	0.63 U	1 U	1.5 U
Beryllium	MG/KG	0.0048 UJ	0.0048 UJ	0.03 U	0.02 U	0.02 U	0.02 U
Cadmium	MG/KG	0.01 UJ	0.01 UJ	0.1 UJ	0.09 UJ	0.1 UJ	0.1 UJ
Calcium	MG/KG	825	1420	13300	7300	10800	17000
Chromium	MG/KG	0.66 R	0.34 R	0.63 L	0.29 L	0.4 L	0.47 L
Cobalt	MG/KG	0.02 J	0.02 UJ	0.08 U	0.07 U	0.07 U	0.07 U
Copper	MG/KG	0.22 J	0.15 J	0.31 J	0.17 J	0.19 J	0.14 U
Iron	MG/KG	4.5 U	3.9 U	5.2 U	2.5 U	7.8 U	4.1 U
Lead	MG/KG	0.06 UJ	0.06 UJ	0.03 UJ	0.02 UJ	0.04 UJ	0.04 UJ
Magnesium	MG/KG	287	238	465	364	414	537
Manganese	MG/KG	0.12 UJ	0.17 UJ	2.2	1.3	1.5	1.8
Mercury	MG/KG	0.23 J	0.16 J	0.1	0.15	0.12	0.12
Nickel	MG/KG	0.29 R	0.12 R	0.42 UJ	0.38 UJ	0.41 UJ	0.41 UJ
Potassium	MG/KG	3450	2720	2940	3100	2870	3070
Selenium	MG/KG	0.32 J	0.26 J	0.3 U	0.3 U	0.28 U	0.25 U
Silver	MG/KG	0.02 R	0.02 R	0.03 UJ	0.02 UJ	0.02 UJ	0.02 UJ
Sodium	MG/KG	452	560	1000	905	975	1010
Thallium	MG/KG	0.02 UJ	0.02 UJ	0.1 U	0.09 U	0.1 U	0.1 U
Vanadium	MG/KG	0.01 UJ	0.01 UJ	0.1 U	0.09 U	0.1 U	0.1 U
Zinc	MG/KG	5.5 R	6.1 R	19.3	14.7	18.6	22.9

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLET
FREQUENY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Aluminum	MG/KG	0.74 U	6.2 U	ND	ND		0/6
Antimony	MG/KG	0.16 UJ	0.9 UJ	ND	ND		0/6
Arsenic	MG/KG	0.07 UJ	0.07 UJ	0.01 R	0.1 L	OP1A-BGB	5/6
Barium	MG/KG	0.63 U	1.5 U	0.36 J	0.6 J	28OPFSWMF01	2/6
Beryllium	MG/KG	0.0048 UJ	0.03 U	ND	ND		0/6
Cadmium	MG/KG	0.01 UJ	0.1 UJ	ND	ND		0/6
Calcium	MG/KG	NA	NA	825	17000	OP1A-RDB	6/6
Chromium	MG/KG	NA	NA	0.29 L	0.66 R	28OPFSLBF01	6/6
Cobalt	MG/KG	0.02 UJ	0.08 U	0.02 J	0.02 J	28OPFSLBF01	1/6
Copper	MG/KG	0.14 U	0.14 U	0.15 J	0.31 J	OP1A-BGA	5/6
Iron	MG/KG	2.5 U	7.8 U	ND	ND		0/6
Lead	MG/KG	0.02 UJ	0.06 UJ	ND	ND		0/6
Magnesium	MG/KG	NA	NA	238	537	OP1A-RDB	6/6
Manganese	MG/KG	0.12 UJ	0.17 UJ	1.3	2.2	OP1A-BGA	4/6
Mercury	MG/KG	NA	NA	0.1	0.23 J	28OPFSLBF01	6/6
Nickel	MG/KG	0.38 UJ	0.42 UJ	0.12 R	0.29 R	28OPFSLBF01	2/6
Potassium	MG/KG	NA	NA	2720	3450	28OPFSLBF01	6/6
Selenium	MG/KG	0.25 U	0.3 U	0.26 J	0.32 J	28OPFSLBF01	2/6
Silver	MG/KG	0.02 UJ	0.03 UJ	0.02 R	0.02 R	28OPFSWMF01	2/6
Sodium	MG/KG	NA	NA	452	1010	OP1A-RDB	6/6
Thallium	MG/KG	0.02 UJ	0.1 U	ND	ND		0/6
Vanadium	MG/KG	0.01 UJ	0.1 U	ND	ND		0/6
Zinc	MG/KG	NA	NA	5.5 R	22.9	OP1A-RDB	6/6

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28FS04SMWB01	28FS04SMWB02	28FS04AMWB01	28FS04AMWB02	28FS04AMWB03	28F5SFWB01
Laboratory Sample ID:		940426-01	940426-02	940426-15	940426-16	940426-17	940426-09
Date Sampled:		3/26/94	3/26/94	3/25/94	3/25/94	3/25/94	3/27/94
VOLATILES							
Chloromethane	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Bromomethane	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Vinyl chloride	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Chloroethane	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Methylene chloride	UG/KG	10 R	10 R	13 J	2 J	10 R	NA
Acetone	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Carbon Disulfide	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
1,1-Dichloroethene	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
1,1-Dichloroethane	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
1,2-Dichloroethene(total)	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Chloroform	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
1,2-Dichloroethane	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
2-Butanone	UG/KG	6 J	36 J	10 R	10 R	10 R	NA
1,1,1-Trichloroethane	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Carbon tetrachloride	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Bromodichloromethane	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
1,2-Dichloropropane	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
cis-1,3-Dichloropropene	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Trichloroethene	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Dibromochloromethane	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
1,1,2-Trichloroethane	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Benzene	UG/KG	10 R	10 R	10 R	1 J	10 R	NA
trans-1,3-Dichloropropene	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Bromoform	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
4-Methyl-2-pentanone	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
2-Hexanone	UG/KG	10 R	4 J	10 R	10 R	10 R	NA
Tetrachloroethene	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
1,1,2,2-Tetrachloroethane	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Toluene	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Chlorobenzene	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Ethylbenzene	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Styrene	UG/KG	10 R	10 R	10 R	10 R	10 R	NA
Xylenes (total)	UG/KG	10 R	10 R	10 R	10 R	10 R	NA

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28FS04SMWB01	28FS04SMWB02	28FS04AMWB01	28FS04AMWB02	28FS04AMWB03	28F5SFWB01
Laboratory Sample ID:		940426-01	940426-02	940426-15	940426-16	940426-17	940426-09
Date Sampled:		3/26/94	3/26/94	3/25/94	3/25/94	3/25/94	3/27/94
SEMIVOLATILES							
Phenol	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
bis(2-Chloroethyl) ether	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
2-Chlorophenol	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
1,3-Dichlorobenzene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
1,4-Dichlorobenzene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
1,2-Dichlorobenzene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
2-Methylphenol	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
2,2'-oxybis-(1-chloropropane)	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
4-Methylphenol	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
N-Nitroso-di-n-propylamine	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Hexachloroethane	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Nitrobenzene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Isophorone	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
2-Nitrophenol	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
2,4-Dimethylphenol	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
bis(2-Chloroethoxy) methane	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
2,4-Dichlorophenol	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
1,2,4-Trichlorobenzene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Naphthalene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
4-Chloroaniline	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Hexachlorobutadiene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
4-Chloro-3-methylphenol	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
2-Methylnaphthalene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Hexachlorocyclopentadiene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
2,4,6-Trichlorophenol	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
2,4,5-Trichlorophenol	UG/KG	1200 R	1200 R	1200 R	1200 R	1200 R	1200 R
2-Chloronaphthalene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
2-Nitroaniline	UG/KG	1200 R	1200 R	1200 R	1200 R	1200 R	1200 R
Dimethyl phthalate	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Acenaphthylene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
2,6-Dinitrotoluene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
3-Nitroaniline	UG/KG	1200 R	1200 R	1200 R	1200 R	1200 R	1200 R
Acenaphthene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28FS04SMWB01	28FS04SMWB02	28FS04AMWB01	28FS04AMWB02	28FS04AMWB03	28F5SFWB01
Laboratory Sample ID:		940426-01	940426-02	940426-15	940426-16	940426-17	940426-09
Date Sampled:		3/26/94	3/26/94	3/25/94	3/25/94	3/25/94	3/27/94
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	1200 R	1200 R	1200 R	1200 R	1200 R	1200 R
4-Nitrophenol	UG/KG	1200 R	1200 R	1200 R	1200 R	1200 R	1200 R
Dibenzofuran	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
2,4-Dinitrotoluene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Diethylphthalate	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
4-Chlorophenyl phenyl ether	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Fluorene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
4-Nitroaniline	UG/KG	1200 R	1200 R	1200 R	1200 R	1200 R	1200 R
4,6-Dinitro-2-methylphenol	UG/KG	1200 R	1200 R	1200 R	1200 R	1200 R	1200 R
N-nitrosodiphenylamine	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
4-Bromophenyl-phenylether	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Hexachlorobenzene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Pentachlorophenol	UG/KG	1200 R	1200 R	1200 R	1200 R	1200 R	1200 R
Phenanthrene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Anthracene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Carbazole	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
di-n-Butylphthalate	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Fluoranthene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Pyrene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Butyl benzyl phthalate	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
3,3'-Dichlorobenzidine	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Benzo[a]anthracene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Chrysene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
bis(2-Ethylhexyl)phthalate	UG/KG	490 R	490 R	490 R	490 R	490 R	1600 J
di-n-Octylphthalate	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Benzo[b]fluoranthene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Benzo[k]fluoranthene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Benzo[a]pyrene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Indeno[1,2,3-cd]pyrene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Dibenz[a,h]anthracene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R
Benzo[g,h,i]perylene	UG/KG	490 R	490 R	490 R	490 R	490 R	490 R

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28FS04SMWB01	28FS04SMWB02	28FS04AMWB01	28FS04AMWB02	28FS04AMWB03	28F5SFWB01
Laboratory Sample ID:		940426-01	940426-02	940426-15	940426-16	940426-17	940426-09
Date Sampled:		3/26/94	3/26/94	3/25/94	3/25/94	3/25/94	3/27/94
PESTICIDES/PCBs							
alpha-BHC	UG/KG	5.0 UJ	5.0 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ
beta-BHC	UG/KG	5.0 U	5.0 UJ	2.5 U	2.4 NJ	2.5 U	2.5 U
delta-BHC	UG/KG	5.0 U	5.0 UJ	2.5 U	2.5 U	2.5 U	2.5 U
Lindane (gamma-BHC)	UG/KG	5.0 U	5.0 UJ	2.5 U	2.5 U	2.5 U	2.5 U
Heptachlor	UG/KG	5.0 U	5.0 UJ	2.5 U	2.5 U	2.5 U	2.5 U
Aldrin	UG/KG	5.0 U	5.0 UJ	2.5 U	2.5 U	2.5 U	2.5 U
Heptachlor epoxide	UG/KG	5.0 U	5.0 UJ	2.5 U	2.5 U	2.5 U	2.5 U
Endosulfan I	UG/KG	5.0 U	5.0 UJ	2.5 U	2.5 U	2.5 U	2.5 U
Dieldrin	UG/KG	9.7 U	9.7 UJ	4.9 U	4.9 U	4.9 U	4.9 U
4,4'-DDE	UG/KG	42	21 J	5.4	7.1	5.2	10
Endrin	UG/KG	9.7 U	9.7 UJ	4.9 U	4.9 U	4.9 U	4.9 U
Endosulfan II	UG/KG	9.7 U	9.7 UJ	4.9 U	4.9 U	4.9 U	4.9 U
4,4'-DDD	UG/KG	23 J	12 J	4.7 J	6.1 J	3.9 J	3.1 J
Endosulfan sulfate	UG/KG	9.7 U	9.7 UJ	4.9 U	4.9 U	4.9 U	4.9 U
4,4'-DDT	UG/KG	9.7 U	9.7 UJ	4.9 U	4.9 U	4.9 U	4.9 U
Methoxychlor	UG/KG	50 U	50 UJ	25 U	25 U	25 U	25 U
Endrin ketone	UG/KG	9.7 U	9.7 UJ	4.9 U	4.9 U	4.9 U	4.9 U
Endrin aldehyde	UG/KG	9.7 U	6.9 NJ	4.9 U	4.9 U	4.9 U	4.9 U
alpha-Chlordane	UG/KG	4.4 NJ	1.7 NJ	2.5 U	2.5 U	2.5 U	2.5 U
gamma-Chlordane	UG/KG	5.0 U	5.0 UJ	2.5 U	2.5 U	2.5 U	2.5 U
Toxaphene	UG/KG	500 U	500 UJ	250 U	250 U	250 U	250 U
Aroclor 1016	UG/KG	97 U	97 UJ	49 U	49 U	49 U	49 U
Aroclor 1221	UG/KG	200 U	200 UJ	100 U	100 U	98 U	99 U
Aroclor 1232	UG/KG	97 U	97 UJ	49 U	49 U	49 U	49 U
Aroclor 1242	UG/KG	97 U	97 UJ	49 U	49 U	49 U	49 U
Aroclor 1248	UG/KG	97 U	97 UJ	49 U	49 U	49 U	49 U
Aroclor 1254	UG/KG	97 U	97 UJ	49 U	49 U	49 U	49 U
Aroclor 1260	UG/KG	97 U	97 UJ	49 U	49 U	49 U	49 U

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Bromomethane	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Vinyl chloride	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Chloroethane	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Methylene chloride	UG/KG	NA	NA	2 J	13 J	28FS04AMWB01	5/5
Acetone	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Carbon Disulfide	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
1,1-Dichloroethene	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
1,1-Dichloroethane	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
1,2-Dichloroethene(total)	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Chloroform	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
1,2-Dichloroethane	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
2-Butanone	UG/KG	NA	NA	6 J	36 J	28FS04SMWB02	5/5
1,1,1-Trichloroethane	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Carbon tetrachloride	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Bromodichloromethane	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
1,2-Dichloropropane	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
cis-1,3-Dichloropropene	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Trichloroethene	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Dibromochloromethane	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
1,1,2-Trichloroethane	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Benzene	UG/KG	NA	NA	1 J	10 R	28FS04AMWB03	5/5
trans-1,3-Dichloropropene	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Bromoform	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
4-Methyl-2-pentanone	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
2-Hexanone	UG/KG	NA	NA	4 J	10 R	28FS04AMWB03	5/5
Tetrachloroethene	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
1,1,2,2-Tetrachloroethane	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Toluene	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Chlorobenzene	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Ethylbenzene	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Styrene	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5
Xylenes (total)	UG/KG	NA	NA	10 R	10 R	28FS04AMWB03	5/5

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
bis(2-Chloroethyl) ether	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
2-Chlorophenol	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
1,3-Dichlorobenzene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
1,4-Dichlorobenzene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
1,2-Dichlorobenzene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
2-Methylphenol	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
2,2'-oxybis-(1-chloropropane)	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
4-Methylphenol	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
N-Nitroso-di-n-propylamine	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Hexachloroethane	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Nitrobenzene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Isophorone	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
2-Nitrophenol	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
2,4-Dimethylphenol	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
bis(2-Chloroethoxy) methane	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
2,4-Dichlorophenol	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
1,2,4-Trichlorobenzene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Naphthalene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
4-Chloroaniline	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Hexachlorobutadiene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
4-Chloro-3-methylphenol	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
2-Methylnaphthalene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Hexachlorocyclopentadiene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
2,4,6-Trichlorophenol	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
2,4,5-Trichlorophenol	UG/KG	NA	NA	1200 R	1200 R	28F5SFWB01	6/6
2-Chloronaphthalene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
2-Nitroaniline	UG/KG	NA	NA	1200 R	1200 R	28F5SFWB01	6/6
Dimethyl phthalate	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Acenaphthylene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
2,6-Dinitrotoluene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
3-Nitroaniline	UG/KG	NA	NA	1200 R	1200 R	28F5SFWB01	6/6
Acenaphthene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	NA	NA	1200 R	1200 R	28F5SFWB01	6/6
4-Nitrophenol	UG/KG	NA	NA	1200 R	1200 R	28F5SFWB01	6/6
Dibenzofuran	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
2,4-Dinitrotoluene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Diethylphthalate	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
4-Chlorophenyl phenyl ether	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Fluorene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
4-Nitroaniline	UG/KG	NA	NA	1200 R	1200 R	28F5SFWB01	6/6
4,6-Dinitro-2-methylphenol	UG/KG	NA	NA	1200 R	1200 R	28F5SFWB01	6/6
N-nitrosodiphenylamine	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
4-Bromophenyl-phenylether	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Hexachlorobenzene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Pentachlorophenol	UG/KG	NA	NA	1200 R	1200 R	28F5SFWB01	6/6
Phenanthrene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Anthracene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Carbazole	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
di-n-Butylphthalate	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Fluoranthene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Pyrene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Butyl benzyl phthalate	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
3,3'-Dichlorobenzidine	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Benzo[a]anthracene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Chrysene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
bis(2-Ethylhexyl)phthalate	UG/KG	NA	NA	490 R	1600 J	28F5SFWB01	6/6
di-n-Octylphthalate	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Benzo[b]fluoranthene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Benzo[k]fluoranthene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Benzo[a]pyrene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Indeno[1,2,3-cd]pyrene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Dibenz[a,h]anthracene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6
Benzo[g,h,i]perylene	UG/KG	NA	NA	490 R	490 R	28F5SFWB01	6/6

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
PESTICIDES/PCBs							
alpha-BHC	UG/KG	2.5 UJ	5 UJ	ND	ND		0/6
beta-BHC	UG/KG	2.5 U	5 U	2.4 NJ	2.4 NJ	28FS04AMWB02	1/6
delta-BHC	UG/KG	2.5 U	5 U	ND	ND		0/6
Lindane (gamma-BHC)	UG/KG	2.5 U	5 U	ND	ND		0/6
Heptachlor	UG/KG	2.5 U	5 U	ND	ND		0/6
Aldrin	UG/KG	2.5 U	5 U	ND	ND		0/6
Heptachlor epoxide	UG/KG	2.5 U	5 U	ND	ND		0/6
Endosulfan I	UG/KG	2.5 U	5 U	ND	ND		0/6
Dieldrin	UG/KG	4.9 U	9.7 U	ND	ND		0/6
4,4'-DDE	UG/KG	NA	NA	5.2	42	28FS04SMWB01	6/6
Endrin	UG/KG	4.9 U	9.7 U	ND	ND		0/6
Endosulfan II	UG/KG	4.9 U	9.7 U	ND	ND		0/6
4,4'-DDD	UG/KG	NA	NA	3.1 J	23 J	28FS04SMWB01	6/6
Endosulfan sulfate	UG/KG	4.9 U	9.7 U	ND	ND		0/6
4,4'-DDT	UG/KG	4.9 U	9.7 U	ND	ND		0/6
Methoxychlor	UG/KG	25 U	50 U	ND	ND		0/6
Endrin ketone	UG/KG	4.9 U	9.7 U	ND	ND		0/6
Endrin aldehyde	UG/KG	4.9 U	9.7 U	6.9 NJ	6.9 NJ	28FS04SMWB02	1/6
alpha-Chlordane	UG/KG	2.5 U	2.5 U	1.7 NJ	4.4 NJ	28FS04SMWB01	2/6
gamma-Chlordane	UG/KG	2.5 U	5 U	ND	ND		0/6
Toxaphene	UG/KG	250 U	500 U	ND	ND		0/6
Aroclor 1016	UG/KG	49 U	97 U	ND	ND		0/6
Aroclor 1221	UG/KG	98 U	200 U	ND	ND		0/6
Aroclor 1232	UG/KG	49 U	97 U	ND	ND		0/6
Aroclor 1242	UG/KG	49 U	97 U	ND	ND		0/6
Aroclor 1248	UG/KG	49 U	97 U	ND	ND		0/6
Aroclor 1254	UG/KG	49 U	97 U	ND	ND		0/6
Aroclor 1260	UG/KG	49 U	97 U	ND	ND		0/6

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
FISH TISSUE - FILLETS
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28FS04SMF01	28FS04SMF02	28FS05SMF01	28F04SFF01	28F05SFF01	28F05SFF02
Laboratory Sample ID:		940426-03	940426-04	940426-05	940426-06	940426-07	940426-08
Date Sampled:		3/27/94	3/26/94	3/25/94	3/28/94	3/25/94	3/27/94
Percent Solids		23	22	22	20	21	22
	UNITS						
Aluminum	MG/KG	1.6 U	3.2 U	7.0 U	2.2 U	1.5 U	3.0 U
Antimony	MG/KG	0.16 UJ	0.16 UJ	0.17 UJ	0.27 UJ	0.19 J	0.16 UJ
Arsenic	MG/KG	0.30 J	0.38 J	0.58 J	0.64 J	0.77 J	0.83 J
Barium	MG/KG	0.70 J	0.76 J	0.88 J	0.98 J	0.41 J	0.62 J
Beryllium	MG/KG	0.0047 UJ	0.0048 UJ	0.005 UJ	0.0079 UJ	0.0049 UJ	0.0046 UJ
Cadmium	MG/KG	0.01 UJ	0.01 UJ	0.02 UJ	0.02 UJ	0.02 UJ	0.01 UJ
Calcium	MG/KG	600	732	1280	288	276 U	260 U
Chromium	MG/KG	1.4 R	1.1 R	1.2 R	0.56 R	1.5 R	0.84 R
Cobalt	MG/KG	0.03 J	0.02 UJ	0.03 J	0.03 UJ	0.02 UJ	0.02 UJ
Copper	MG/KG	0.61 J	0.36 J	0.47 J	0.18 J	0.29 J	0.18 J
Iron	MG/KG	11.1 U	11.7 U	11.8 U	5.1 U	8.4 U	6.5 U
Lead	MG/KG	0.07 UJ	0.08 UJ	0.10 UJ	0.08 UJ	0.06 UJ	0.07 UJ
Magnesium	MG/KG	172	193	271	217	244	246
Manganese	MG/KG	0.35 UJ	0.30 UJ	0.29 UJ	0.21 UJ	0.24 UJ	0.16 UJ
Mercury	MG/KG	0.0024 J	0.0037 J	0.0017 U	0.011 J	0.009 J	0.019 J
Nickel	MG/KG	0.85 R	0.42 R	0.66 R	0.36 R	0.81 R	0.12 R
Potassium	MG/KG	2570	2760	3810	3010	3780	3680
Selenium	MG/KG	0.10 J	0.15 J	0.13 J	0.16 J	0.24 J	0.25 J
Silver	MG/KG	0.02 R	0.02 R	0.03 R	0.04 R	0.03 R	0.02 R
Sodium	MG/KG	380	402	504	501	420	408
Thallium	MG/KG	0.02 UJ	0.02 UJ	0.02 UJ	0.03 UJ	0.02 UJ	0.02 UJ
Vanadium	MG/KG	0.01 UJ	0.01 UJ	0.02 UJ	0.02 UJ	0.02 UJ	0.01 UJ
Zinc	MG/KG	3.4 R	4.3 R	6.5 R	4.4 R	4.1 R	5.4 R

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
FISH TISSUE - FILLETS
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28FS04SSF01	28FS04BDF01
Laboratory Sample ID:		940426-19	940426-18
Date Sampled:		3/29/94	3/28/94
Percent Solids		22	21
	UNITS		
Aluminum	MG/KG	1.3 U	6.6 U
Antimony	MG/KG	0.24 J	0.17 UJ
Arsenic	MG/KG	0.17 J	0.95 J
Barium	MG/KG	0.49 J	0.46 J
Beryllium	MG/KG	0.0047 UJ	0.0049 UJ
Cadmium	MG/KG	0.01 UJ	0.02 UJ
Calcium	MG/KG	331	812
Chromium	MG/KG	0.29 R	1.2 R
Cobalt	MG/KG	0.02 UJ	0.02 UJ
Copper	MG/KG	0.44 J	0.44 J
Iron	MG/KG	3.3 U	14.6 U
Lead	MG/KG	0.09 UJ	0.05 UJ
Magnesium	MG/KG	228	178
Manganese	MG/KG	0.14 UJ	0.27 U
Mercury	MG/KG	0.061 J	0.024 J
Nickel	MG/KG	0.10 R	0.61 R
Potassium	MG/KG	3180	2210
Selenium	MG/KG	0.27 J	0.39 J
Silver	MG/KG	0.02 R	0.03 R
Sodium	MG/KG	464	529
Thallium	MG/KG	0.02 UJ	0.02 UJ
Vanadium	MG/KG	0.01 UJ	0.03 J
Zinc	MG/KG	3.2 R	3.9 R

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
FISH TISSUE - FILLETS
FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Percent Solids							
Aluminum	MG/KG	1.3 U	7 U	ND	ND		0/8
Antimony	MG/KG	0.16 UJ	0.27 UJ	0.19 J	0.24 J	28FS04SSF01	2/8
Arsenic	MG/KG	NA	NA	0.17 J	0.95 J	28FS04BDF01	8/8
Barium	MG/KG	NA	NA	0.41 J	0.98 J	28F04SFF01	8/8
Beryllium	MG/KG	0.0046 UJ	0.0079 UJ	ND	ND		0/8
Cadmium	MG/KG	0.01 UJ	0.02 UJ	ND	ND		0/8
Calcium	MG/KG	260 U	276 U	288	1280	28FS05SMF01	6/8
Chromium	MG/KG	NA	NA	0.29 R	1.5 R	28F05SFF01	8/8
Cobalt	MG/KG	0.02 UJ	0.03 UJ	0.03 J	0.03 J	28FS05SMF01	2/8
Copper	MG/KG	NA	NA	0.18 J	0.61 J	28FS04SMF01	8/8
Iron	MG/KG	3.3 U	14.6 U	ND	ND		0/8
Lead	MG/KG	0.05 UJ	0.1 UJ	ND	ND		0/8
Magnesium	MG/KG	NA	NA	172	271	28FS05SMF01	8/8
Manganese	MG/KG	0.14 UJ	0.35 UJ	ND	ND		0/8
Mercury	MG/KG	0.0017 U	0.0017 U	0.0024 J	0.061 J	28FS04SSF01	7/8
Nickel	MG/KG	NA	NA	0.1 R	0.85 R	28FS04SMF01	8/8
Potassium	MG/KG	NA	NA	2210	3810	28FS05SMF01	8/8
Selenium	MG/KG	NA	NA	0.1 J	0.39 J	28FS04BDF01	8/8
Silver	MG/KG	NA	NA	0.02 R	0.04 R	28F04SFF01	8/8
Sodium	MG/KG	NA	NA	360	529	28FS04BDF01	8/8
Thallium	MG/KG	0.02 UJ	0.03 UJ	ND	ND		0/8
Vanadium	MG/KG	0.01 UJ	0.02 UJ	0.03 J	0.03 J	28FS04BDF01	1/8
Zinc	MG/KG	NA	NA	3.2 R	6.5 R	28FS05SMF01	8/8

SITE 30

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB01-00	30-SB02-00	30-SB03-00	30-SB04-00	30-SB05-00	30-SB06-00
Laboratory Sample ID:		940226-07	940226-08	940226-10	940226-11	940226-13	940226-15
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Bromomethane	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Vinyl chloride	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Chloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Methylene chloride	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Acetone	UG/KG	11 U	11 U	11 U	11 U	21 U	10 J
Carbon Disulfide	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
1,1-Dichloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
1,1-Dichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
1,2-Dichloroethene(total)	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Chloroform	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
1,2-Dichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
2-Butanone	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
1,1,1-Trichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	2 J
Carbon tetrachloride	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Bromodichloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
1,2-Dichloropropane	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
cis-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Trichloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Dibromochloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
1,1,2-Trichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Benzene	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
trans-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Bromoform	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
4-Methyl-2-pentanone	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
2-Hexanone	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Tetrachloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Toluene	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Chlorobenzene	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Ethylbenzene	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Styrene	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U
Xylenes (total)	UG/KG	11 U	11 U	11 U	11 U	11 U	10 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB01-00	30-SB02-00	30-SB03-00	30-SB04-00	30-SB05-00	30-SB06-00
Laboratory Sample ID:		940226-07	940226-08	940226-10	940226-11	940226-13	940226-15
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
bis(2-Chloroethyl) ether	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
2-Chlorophenol	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
1,3-Dichlorobenzene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
1,4-Dichlorobenzene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
1,2-Dichlorobenzene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
2-Methylphenol	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
2,2'-oxybis-(1-chloropropane)	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
4-Methylphenol	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
N-Nitroso-di-n-propylamine	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Hexachloroethane	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Nitrobenzene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Isophorone	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
2-Nitrophenol	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
2,4-Dimethylphenol	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
bis(2-Chloroethoxy) methane	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
2,4-Dichlorophenol	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
1,2,4-Trichlorobenzene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Naphthalene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
4-Chloroaniline	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Hexachlorobutadiene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
4-Chloro-3-methylphenol	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
2-Methylnaphthalene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Hexachlorocyclopentadiene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
2,4,6-Trichlorophenol	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
2,4,5-Trichlorophenol	UG/KG	860 U	860 U	870 U	880 U	860 U	870 U
2-Chloronaphthalene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
2-Nitroaniline	UG/KG	860 U	860 U	870 U	880 U	860 U	870 U
Dimethyl phthalate	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Acenaphthylene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
2,6-Dinitrotoluene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
3-Nitroaniline	UG/KG	860 U	860 U	870 U	880 U	860 U	870 U
Acenaphthene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB01-00	30-SB02-00	30-SB03-00	30-SB04-00	30-SB05-00	30-SB06-00
Laboratory Sample ID:		940226-07	940226-08	940226-10	940226-11	940226-13	940226-15
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	860 U	860 U	870 U	880 U	860 U	870 U
4-Nitrophenol	UG/KG	860 U	860 U	870 U	880 U	860 U	870 U
Dibenzofuran	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
2,4-Dinitrotoluene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Diethylphthalate	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
4-Chlorophenyl phenyl ether	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Fluorene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
4-Nitroaniline	UG/KG	860 U	860 U	870 U	880 U	860 U	870 U
4,6-Dinitro-2-methylphenol	UG/KG	860 U	860 U	870 U	880 U	860 U	870 U
N-nitrosodiphenylamine	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
4-Bromophenyl-phenylether	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Hexachlorobenzene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Pentachlorophenol	UG/KG	860 U	860 U	870 U	880 U	860 U	870 U
Phenanthrene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Anthracene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Carbazole	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
di-n-Butylphthalate	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Fluoranthene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Pyrene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Butyl benzyl phthalate	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
3,3'-Dichlorobenzidine	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Benzo[a]anthracene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Chrysene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
bis(2-Ethylhexyl)phthalate	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
di-n-Octylphthalate	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Benzo[b]fluoranthene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Benzo[k]fluoranthene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Benzo[a]pyrene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Indeno[1,2,3-cd]pyrene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Dibenz[a,h]anthracene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U
Benzo[g,h,i]perylene	UG/KG	360 U	350 U	360 U	360 U	360 U	360 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB07-00	30-SB08-00	30-SB09-00	30-SB10-00	30-SB11-00
Laboratory Sample ID:		940226-17	940226-18	940226-20	940226-22	940226-24
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94
	UNITS					
VOLATILES						
Chloromethane	UG/KG	11 U	11 U	10 UJ	12 U	11 U
Bromomethane	UG/KG	11 U	11 U	10 UJ	12 U	11 U
Vinyl chloride	UG/KG	11 U	11 U	10 UJ	12 U	11 U
Chloroethane	UG/KG	11 U	11 U	10 UJ	12 U	11 U
Methylene chloride	UG/KG	11 U	11 U	10 UJ	12 U	11 U
Acetone	UG/KG	10 J	25	23 UJ	12 U	14 U
Carbon Disulfide	UG/KG	11 U	11 U	10 UJ	12 U	11 U
1,1-Dichloroethene	UG/KG	11 U	11 U	10 UJ	12 U	11 U
1,1-Dichloroethane	UG/KG	11 U	11 U	10 UJ	12 U	11 U
1,2-Dichloroethene(total)	UG/KG	11 U	11 U	10 UJ	12 U	11 U
Chloroform	UG/KG	11 U	11 U	10 UJ	12 U	11 U
1,2-Dichloroethane	UG/KG	11 U	11 U	10 UJ	12 U	11 U
2-Butanone	UG/KG	11 U	11 U	10 UJ	12 U	11 U
1,1,1-Trichloroethane	UG/KG	3 J	11 UJ	10 U	12 U	11 U
Carbon tetrachloride	UG/KG	11 UJ	11 UJ	10 U	12 U	11 U
Bromodichloromethane	UG/KG	11 UJ	11 UJ	10 U	12 U	11 U
1,2-Dichloropropane	UG/KG	11 UJ	11 UJ	10 U	12 U	11 U
cis-1,3-Dichloropropene	UG/KG	11 UJ	11 UJ	10 U	12 U	11 U
Trichloroethene	UG/KG	11 UJ	11 UJ	10 U	12 U	11 U
Dibromochloromethane	UG/KG	11 UJ	11 UJ	10 U	12 U	11 U
1,1,2-Trichloroethane	UG/KG	11 UJ	11 UJ	10 U	12 U	11 U
Benzene	UG/KG	11 UJ	11 UJ	10 U	12 U	11 U
trans-1,3-Dichloropropene	UG/KG	11 UJ	11 UJ	10 U	12 U	11 U
Bromoform	UG/KG	11 UJ	11 UJ	10 U	12 U	11 U
4-Methyl-2-pentanone	UG/KG	11 UJ	11 UJ	10 UJ	12 UJ	11 U
2-Hexanone	UG/KG	11 UJ	11 UJ	10 UJ	12 UJ	11 U
Tetrachloroethene	UG/KG	11 UJ	11 UJ	10 UJ	12 UJ	11 U
1,1,2,2-Tetrachloroethane	UG/KG	11 UJ	11 UJ	10 UJ	12 UJ	11 U
Toluene	UG/KG	11 UJ	11 UJ	10 UJ	12 UJ	11 U
Chlorobenzene	UG/KG	11 UJ	11 UJ	10 UJ	12 UJ	11 U
Ethylbenzene	UG/KG	11 UJ	11 UJ	10 UJ	12 UJ	11 U
Styrene	UG/KG	11 UJ	11 UJ	10 UJ	12 UJ	11 U
Xylenes (total)	UG/KG	11 UJ	11 UJ	10 UJ	12 UJ	11 U

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SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB07-00	30-SB08-00	30-SB09-00	30-SB10-00	30-SB11-00
Laboratory Sample ID:		940226-17	940226-18	940226-20	940226-22	940226-24
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94
	UNITS					
SEMIVOLATILES						
Phenol	UG/KG	360 U	360 U	350 U	360 U	370 U
bis(2-Chloroethyl) ether	UG/KG	360 U	360 U	350 U	360 U	370 U
2-Chlorophenol	UG/KG	360 U	360 U	350 U	360 U	370 U
1,3-Dichlorobenzene	UG/KG	360 U	360 U	350 U	360 U	370 U
1,4-Dichlorobenzene	UG/KG	360 U	360 U	350 U	360 U	370 U
1,2-Dichlorobenzene	UG/KG	360 U	360 U	350 U	360 U	370 U
2-Methylphenol	UG/KG	360 U	360 U	350 U	360 U	370 U
2,2'-oxybis-(1-chloropropane)	UG/KG	360 U	360 U	350 U	360 U	370 U
4-Methylphenol	UG/KG	360 U	360 U	350 U	360 U	370 U
N-Nitroso-di-n-propylamine	UG/KG	360 U	360 U	350 U	360 U	370 U
Hexachloroethane	UG/KG	360 U	360 U	350 U	360 U	370 U
Nitrobenzene	UG/KG	360 U	360 U	350 U	360 U	370 U
Isophorone	UG/KG	360 U	360 U	350 U	360 U	370 U
2-Nitrophenol	UG/KG	360 U	360 U	350 U	360 U	370 U
2,4-Dimethylphenol	UG/KG	360 U	360 U	350 U	360 U	370 U
bis(2-Chloroethoxy) methane	UG/KG	360 U	360 U	350 U	360 U	370 U
2,4-Dichlorophenol	UG/KG	360 U	360 U	350 U	360 U	370 U
1,2,4-Trichlorobenzene	UG/KG	360 U	360 U	350 U	360 U	370 U
Naphthalene	UG/KG	360 U	360 U	350 U	360 U	370 U
4-Chloroaniline	UG/KG	360 U	360 U	350 U	360 U	370 U
Hexachlorobutadiene	UG/KG	360 U	360 U	350 U	360 U	370 U
4-Chloro-3-methylphenol	UG/KG	360 U	360 U	350 U	360 U	370 U
2-Methylnaphthalene	UG/KG	360 U	360 U	350 U	360 U	370 U
Hexachlorocyclopentadiene	UG/KG	360 U	360 U	350 U	360 U	370 U
2,4,6-Trichlorophenol	UG/KG	360 U	360 U	350 U	360 U	370 U
2,4,5-Trichlorophenol	UG/KG	870 U	880 U	860 U	880 U	910 U
2-Chloronaphthalene	UG/KG	360 U	360 U	350 U	360 U	370 U
2-Nitroaniline	UG/KG	870 U	880 U	860 U	880 U	910 U
Dimethyl phthalate	UG/KG	360 U	360 U	350 U	360 U	370 U
Acenaphthylene	UG/KG	360 U	360 U	350 U	360 U	370 U
2,6-Dinitrotoluene	UG/KG	360 U	360 U	350 U	360 U	370 U
3-Nitroaniline	UG/KG	870 U	880 U	860 U	880 U	910 U
Acenaphthene	UG/KG	360 U	360 U	350 U	360 U	370 U

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SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB07-00	30-SB08-00	30-SB09-00	30-SB10-00	30-SB11-00
Laboratory Sample ID:		940226-17	940226-18	940226-20	940226-22	940226-24
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94
	UNITS					
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	870 U	880 U	860 U	880 U	910 U
4-Nitrophenol	UG/KG	870 U	880 U	860 U	880 U	910 U
Dibenzofuran	UG/KG	360 U	360 U	350 U	360 U	370 U
2,4-Dinitrotoluene	UG/KG	360 U	360 U	350 U	360 U	370 U
Diethylphthalate	UG/KG	360 U	360 U	350 U	360 U	370 U
4-Chlorophenyl phenyl ether	UG/KG	360 U	360 U	350 U	360 U	370 U
Fluorene	UG/KG	360 U	360 U	350 U	360 U	370 U
4-Nitroaniline	UG/KG	870 U	880 U	860 U	880 U	910 U
4,6-Dinitro-2-methylphenol	UG/KG	870 U	880 U	860 U	880 U	910 U
N-nitrosodiphenylamine	UG/KG	360 U	360 U	350 U	360 U	370 U
4-Bromophenyl-phenylether	UG/KG	360 U	360 U	350 U	360 U	370 U
Hexachlorobenzene	UG/KG	360 U	360 U	350 U	360 U	370 U
Pentachlorophenol	UG/KG	870 U	880 U	860 U	880 U	910 U
Phenanthrene	UG/KG	360 U	360 U	350 U	360 U	370 U
Anthracene	UG/KG	360 U	360 U	350 U	360 U	370 U
Carbazole	UG/KG	360 U	360 U	350 U	360 U	370 U
di-n-Butylphthalate	UG/KG	360 U	360 U	350 U	360 U	370 U
Fluoranthene	UG/KG	360 U	360 U	350 U	360 U	370 U
Pyrene	UG/KG	360 U	360 U	350 U	360 U	370 U
Butyl benzyl phthalate	UG/KG	360 U	360 U	350 U	360 U	370 U
3,3'-Dichlorobenzidine	UG/KG	360 U	360 U	350 U	360 U	370 U
Benzo[a]anthracene	UG/KG	360 U	360 U	350 U	360 U	370 U
Chrysene	UG/KG	360 U	360 U	350 U	360 U	370 U
bis(2-Ethylhexyl)phthalate	UG/KG	360 U	360 U	37 J	360 U	370 U
di-n-Octylphthalate	UG/KG	360 U	360 U	350 U	360 U	370 U
Benzo[b]fluoranthene	UG/KG	360 U	360 U	350 U	360 U	370 U
Benzo[k]fluoranthene	UG/KG	360 U	360 U	350 U	360 U	370 U
Benzo[a]pyrene	UG/KG	360 U	360 U	350 U	360 U	370 U
Indeno[1,2,3-cd]pyrene	UG/KG	360 U	360 U	350 U	360 U	370 U
Dibenz[a,h]anthracene	UG/KG	360 U	360 U	350 U	360 U	370 U
Benzo[g,h,i]perylene	UG/KG	360 U	360 U	350 U	360 U	370 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/KG	10 U	12 U	ND	ND		0/11
Bromomethane	UG/KG	10 U	12 U	ND	ND		0/11
Vinyl chloride	UG/KG	10 U	12 U	ND	ND		0/11
Chloroethane	UG/KG	10 U	12 U	ND	ND		0/11
Methylene chloride	UG/KG	10 U	12 U	ND	ND		0/11
Acetone	UG/KG	11 U	23 UJ	10 J	25	30-SB08-00	3/11
Carbon Disulfide	UG/KG	10 U	12 U	ND	ND		0/11
1,1-Dichloroethene	UG/KG	10 U	12 U	ND	ND		0/11
1,1-Dichloroethane	UG/KG	10 U	12 U	ND	ND		0/11
1,2-Dichloroethene(total)	UG/KG	10 U	12 U	ND	ND		0/11
Chloroform	UG/KG	10 U	12 U	ND	ND		0/11
1,2-Dichloroethane	UG/KG	10 U	12 U	ND	ND		0/11
2-Butanone	UG/KG	10 U	12 U	ND	ND		0/11
1,1,1-Trichloroethane	UG/KG	10 U	12 U	2 J	3 J	30-SB07-00	2/11
Carbon tetrachloride	UG/KG	10 U	12 U	ND	ND		0/11
Bromodichloromethane	UG/KG	10 U	12 U	ND	ND		0/11
1,2-Dichloropropane	UG/KG	10 U	12 U	ND	ND		0/11
cis-1,3-Dichloropropene	UG/KG	10 U	12 U	ND	ND		0/11
Trichloroethene	UG/KG	10 U	12 U	ND	ND		0/11
Dibromochloromethane	UG/KG	10 U	12 U	ND	ND		0/11
1,1,2-Trichloroethane	UG/KG	10 U	12 U	ND	ND		0/11
Benzene	UG/KG	10 U	12 U	ND	ND		0/11
trans-1,3-Dichloropropene	UG/KG	10 U	12 U	ND	ND		0/11
Bromoform	UG/KG	10 U	12 U	ND	ND		0/11
4-Methyl-2-pentanone	UG/KG	10 U	12 UJ	ND	ND		0/11
2-Hexanone	UG/KG	10 U	12 UJ	ND	ND		0/11
Tetrachloroethene	UG/KG	10 U	12 UJ	ND	ND		0/11
1,1,2,2-Tetrachloroethane	UG/KG	10 U	12 UJ	ND	ND		0/11
Toluene	UG/KG	10 U	12 UJ	ND	ND		0/11
Chlorobenzene	UG/KG	10 U	12 UJ	ND	ND		0/11
Ethylbenzene	UG/KG	10 U	12 UJ	ND	ND		0/11
Styrene	UG/KG	10 U	12 UJ	ND	ND		0/11
Xylenes (total)	UG/KG	10 U	12 UJ	ND	ND		0/11

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/KG	350 U	370 U	ND	ND		0/11
bis(2-Chloroethyl) ether	UG/KG	350 U	370 U	ND	ND		0/11
2-Chlorophenol	UG/KG	350 U	370 U	ND	ND		0/11
1,3-Dichlorobenzene	UG/KG	350 U	370 U	ND	ND		0/11
1,4-Dichlorobenzene	UG/KG	350 U	370 U	ND	ND		0/11
1,2-Dichlorobenzene	UG/KG	350 U	370 U	ND	ND		0/11
2-Methylphenol	UG/KG	350 U	370 U	ND	ND		0/11
2,2'-oxybis-(1-chloropropane)	UG/KG	350 U	370 U	ND	ND		0/11
4-Methylphenol	UG/KG	350 U	370 U	ND	ND		0/11
N-Nitroso-di-n-propylamine	UG/KG	350 U	370 U	ND	ND		0/11
Hexachloroethane	UG/KG	350 U	370 U	ND	ND		0/11
Nitrobenzene	UG/KG	350 U	370 U	ND	ND		0/11
Isophorone	UG/KG	350 U	370 U	ND	ND		0/11
2-Nitrophenol	UG/KG	350 U	370 U	ND	ND		0/11
2,4-Dimethylphenol	UG/KG	350 U	370 U	ND	ND		0/11
bis(2-Chloroethoxy) methane	UG/KG	350 U	370 U	ND	ND		0/11
2,4-Dichlorophenol	UG/KG	350 U	370 U	ND	ND		0/11
1,2,4-Trichlorobenzene	UG/KG	350 U	370 U	ND	ND		0/11
Naphthalene	UG/KG	350 U	370 U	ND	ND		0/11
4-Chloroaniline	UG/KG	350 U	370 U	ND	ND		0/11
Hexachlorobutadiene	UG/KG	350 U	370 U	ND	ND		0/11
4-Chloro-3-methylphenol	UG/KG	350 U	370 U	ND	ND		0/11
2-Methylnaphthalene	UG/KG	350 U	370 U	ND	ND		0/11
Hexachlorocyclopentadiene	UG/KG	350 U	370 U	ND	ND		0/11
2,4,6-Trichlorophenol	UG/KG	350 U	370 U	ND	ND		0/11
2,4,5-Trichlorophenol	UG/KG	860 U	910 U	ND	ND		0/11
2-Chloronaphthalene	UG/KG	350 U	370 U	ND	ND		0/11
2-Nitroaniline	UG/KG	860 U	910 U	ND	ND		0/11
Dimethyl phthalate	UG/KG	350 U	370 U	ND	ND		0/11
Acenaphthylene	UG/KG	350 U	370 U	ND	ND		0/11
2,6-Dinitrotoluene	UG/KG	350 U	370 U	ND	ND		0/11
3-Nitroaniline	UG/KG	860 U	910 U	ND	ND		0/11
Acenaphthene	UG/KG	350 U	370 U	ND	ND		0/11

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	860 U	910 U	ND	ND		0/11
4-Nitrophenol	UG/KG	860 U	910 U	ND	ND		0/11
Dibenzofuran	UG/KG	350 U	370 U	ND	ND		0/11
2,4-Dinitrotoluene	UG/KG	350 U	370 U	ND	ND		0/11
Diethylphthalate	UG/KG	350 U	370 U	ND	ND		0/11
4-Chlorophenyl phenyl ether	UG/KG	350 U	370 U	ND	ND		0/11
Fluorene	UG/KG	350 U	370 U	ND	ND		0/11
4-Nitroaniline	UG/KG	860 U	910 U	ND	ND		0/11
4,6-Dinitro-2-methylphenol	UG/KG	860 U	910 U	ND	ND		0/11
N-nitrosodiphenylamine	UG/KG	350 U	370 U	ND	ND		0/11
4-Bromophenyl-phenylether	UG/KG	350 U	370 U	ND	ND		0/11
Hexachlorobenzene	UG/KG	350 U	370 U	ND	ND		0/11
Pentachlorophenol	UG/KG	860 U	910 U	ND	ND		0/11
Phenanthrene	UG/KG	350 U	370 U	ND	ND		0/11
Anthracene	UG/KG	350 U	370 U	ND	ND		0/11
Carbazole	UG/KG	350 U	370 U	ND	ND		0/11
di-n-Butylphthalate	UG/KG	350 U	370 U	ND	ND		0/11
Fluoranthene	UG/KG	350 U	370 U	ND	ND		0/11
Pyrene	UG/KG	350 U	370 U	ND	ND		0/11
Butyl benzyl phthalate	UG/KG	350 U	370 U	ND	ND		0/11
3,3'-Dichlorobenzidine	UG/KG	350 U	370 U	ND	ND		0/11
Benzo[a]anthracene	UG/KG	350 U	370 U	ND	ND		0/11
Chrysene	UG/KG	350 U	370 U	ND	ND		0/11
bis(2-Ethylhexyl)phthalate	UG/KG	350 U	370 U	37 J	37 J	30-SB09-00	1/11
di-n-Octylphthalate	UG/KG	350 U	370 U	ND	ND		0/11
Benzo[b]fluoranthene	UG/KG	350 U	370 U	ND	ND		0/11
Benzo[k]fluoranthene	UG/KG	350 U	370 U	ND	ND		0/11
Benzo[a]pyrene	UG/KG	350 U	370 U	ND	ND		0/11
Indeno[1,2,3-cd]pyrene	UG/KG	350 U	370 U	ND	ND		0/11
Dibenz[a,h]anthracene	UG/KG	350 U	370 U	ND	ND		0/11
Benzo[g,h,i]perylene	UG/KG	350 U	370 U	ND	ND		0/11

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SB01-00	30-SB02-00	30-SB03-00	30-SB04-00	30-SB05-00	30-SB06-00
Laboratory Sample ID:		940226-07	940226-08	940226-10	940226-11	940226-13	940226-15
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
	UNITS						
Aluminum	MG/KG	56.0	77.6	61.2	39.0	596	104
Antimony	MG/KG	5.2 U	6.0 U	5.8 U	6.5 U	5.9 U	5.6 U
Arsenic	MG/KG	0.46 U	0.53 U	0.52 U	0.58 U	0.52 U	0.49 U
Barium	MG/KG	1.1 U	1.2 U	1.2 U	1.3 U	2.2	2.2
Beryllium	MG/KG	0.15 U	0.18 U	0.17 U	0.19 U	0.17 U	0.16 U
Cadmium	MG/KG	0.46 U	0.53 U	0.52 U	0.58 U	0.52 U	0.49 U
Calcium	MG/KG	10.3 U	12.4 U	7.7 U	18.2 U	32.1 U	24.6 U
Chromium	MG/KG	1.4	1.2 U	1.2 U	1.3 U	1.2 U	1.2 U
Cobalt	MG/KG	0.62 U	0.70 U	0.69 U	0.77 U	0.70 U	0.66 U
Copper	MG/KG	0.92 U	1.1 U	1.0 U	1.2 U	2.3	0.99 U
Iron	MG/KG	167	205	153	194	470	156
Lead	MG/KG	1.2 U	1.6	1.4 U	1.6	3.2	1.9
Magnesium	MG/KG	4.2 U	7.1	7.3	5.6	13.3	9.2
Manganese	MG/KG	4.7 J	5.7 J	5.3 J	8.6 J	6.0 J	5.1 J
Mercury	MG/KG	0.05 U	0.05 U	0.05 U	0.05	0.04 U	0.05 U
Nickel	MG/KG	1.1 U	1.2 U	1.2 U	1.3 U	1.2 U	1.2 U
Potassium	MG/KG	13.5 U	15.4 U	10.1 U	5.6 U	24.2 U	17.7 U
Selenium	MG/KG	0.62 U	0.70 U	0.69 U	0.77 U	0.70 U	0.66 U
Silver	MG/KG	0.77 UJ	0.88 UJ	0.86 UJ	0.96 UJ	0.87 UJ	0.82 UJ
Sodium	MG/KG	8.4	9.0 U	20.1	10.1	19.2	18.3
Thallium	MG/KG	0.62 U	0.70 U	0.69 U	0.77 U	0.70 U	0.66 U
Vanadium	MG/KG	1.5	1.4	1.7	1.6	1.8	1.0
Zinc	MG/KG	0.54 U	0.77 U	0.81 U	0.96 U	5.7	1.5 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SB07-00	30-SB08-00	30-SB09-00	30-SB10-00	30-SB11-00	30-SB18-00
Laboratory Sample ID:		940226-17	940226-18	940226-20	940226-22	940226-24	940283-03
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94	4/8/94
	UNITS						
Aluminum	MG/KG	254	167	198	237	1390	222
Antimony	MG/KG	5.7 U	5.6 U	5.5 U	5.3 U	5.5 U	6.6 U
Arsenic	MG/KG	0.51 U	0.50 U	0.48 U	0.46 U	0.49 U	0.58 U
Barium	MG/KG	1.5	1.2 U	1.1 U	1.5	2.3	2.2
Beryllium	MG/KG	0.17 U	0.17 U	0.16 U	0.15 U	0.16 U	0.19 U
Cadmium	MG/KG	0.51 U	0.50 U	0.48 U	0.46 U	0.49 U	0.58 U
Calcium	MG/KG	10.9 U	14.8 U	12.6 U	14.4 U	19.3 U	25.0 U
Chromium	MG/KG	1.4	2.0	1.9	1.1 U	1.6	2.0 U
Cobalt	MG/KG	0.68 U	0.66 U	0.64 U	0.62 U	0.65 U	0.77 U
Copper	MG/KG	1.0 U	1.1	0.96 U	0.93 U	1.0	1.2 U
Iron	MG/KG	295	179	359	247	1050	266
Lead	MG/KG	2.2	1.8	1.5	3.7	8.0	3.3
Magnesium	MG/KG	7.5	5.8	4.3 U	7.4	31.1	11.3
Manganese	MG/KG	8.0 J	4.4 J	5.7 J	2.6 J	4.1 J	8.3
Mercury	MG/KG	0.05 U	0.05 U	0.05 U	0.05 U	0.07	0.05 U
Nickel	MG/KG	1.2 U	1.2 U	1.1 U	1.5 U	2.9 U	1.4 UJ
Potassium	MG/KG	3.3 U	22.7 U	14.1 U	8.5	19.3	1.9 U
Selenium	MG/KG	0.68 U	0.66 U	0.64 U	0.62 U	0.65 U	0.77 UJ
Silver	MG/KG	0.84 UJ	0.83 UJ	0.80 UJ	0.77 UJ	0.81 UJ	0.97 UJ
Sodium	MG/KG	15.9	16.1	9.4	7.9 U	8.3 U	14.5 U
Thallium	MG/KG	0.68 U	0.66 U	0.64 U	0.62 U	0.65 U	0.77 U
Vanadium	MG/KG	1.7	1.1	2.0	1.2	3.0	1.9
Zinc	MG/KG	0.59 U	0.50 U	0.49 U	1.7 U	2.9 U	1.9

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SB19-00	30-SB20-00
Laboratory Sample ID:		940283-05	940283-08
Date Sampled:		4/8/94	4/8/94
	UNITS		
Aluminum	MG/KG	1060	159
Antimony	MG/KG	7.2 U	6.9 U
Arsenic	MG/KG	0.64 U	0.60 U
Barium	MG/KG	2.1	1.6
Beryllium	MG/KG	0.21 U	0.20 U
Cadmium	MG/KG	0.64 U	0.60 U
Calcium	MG/KG	92.1 J	19.5 U
Chromium	MG/KG	2.8 U	2.1 U
Cobalt	MG/KG	0.85 U	0.81 U
Copper	MG/KG	1.5	1.4
Iron	MG/KG	607	241
Lead	MG/KG	2.7	2.5
Magnesium	MG/KG	39.4	9.4
Manganese	MG/KG	7.8	8.3
Mercury	MG/KG	0.05 U	0.04 U
Nickel	MG/KG	1.5 UJ	1.4 UJ
Potassium	MG/KG	45.9 U	5.4 U
Selenium	MG/KG	0.85 UJ	0.81 UJ
Silver	MG/KG	1.1 UJ	1.0 UJ
Sodium	MG/KG	17.3 U	16.3 U
Thallium	MG/KG	0.85 U	0.81 U
Vanadium	MG/KG	3.1	1.4
Zinc	MG/KG	3.1	1.4

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Aluminum	MG/KG	NA	NA	39	1390	30-SB11-00	14/14
Antimony	MG/KG	5.2 U	7.2 U	ND	ND		0/14
Arsenic	MG/KG	0.46 U	0.64 U	ND	ND		0/14
Barium	MG/KG	1.1 U	1.3 U	1.5	2.3	30-SB11-00	8/14
Beryllium	MG/KG	0.15 U	0.21 U	ND	ND		0/14
Cadmium	MG/KG	0.46 U	0.64 U	ND	ND		0/14
Calcium	MG/KG	7.7 U	32.1 U	92.1 J	92.1 J	30-SB19-00	1/14
Chromium	MG/KG	1.1 U	2.8 U	1.4	2	30-SB08-00	5/14
Cobalt	MG/KG	0.62 U	0.85 U	ND	ND		0/14
Copper	MG/KG	0.92 U	1.2 U	1	2.3	30-SB05-00	5/14
Iron	MG/KG	NA	NA	153	1050	30-SB11-00	14/14
Lead	MG/KG	1.2 U	1.4 U	1.5	8	30-SB11-00	12/14
Magnesium	MG/KG	4.2 U	4.3 U	5.6	39.4	30-SB19-00	12/14
Manganese	MG/KG	NA	NA	2.6 J	8.6 J	30-SB04-00	14/14
Mercury	MG/KG	0.04 U	0.05 U	0.05	0.07	30-SB11-00	2/14
Nickel	MG/KG	1.1 U	2.9 U	ND	ND		0/14
Potassium	MG/KG	1.9 U	45.9 U	8.5	19.3	30-SB11-00	2/14
Selenium	MG/KG	0.62 U	0.85 UJ	ND	ND		0/14
Silver	MG/KG	0.77 UJ	1.1 UJ	ND	ND		0/14
Sodium	MG/KG	7.9 U	17.3 U	8.4	20.1	30-SB03-00	8/14
Thallium	MG/KG	0.62 U	0.85 U	ND	ND		0/14
Vanadium	MG/KG	NA	NA	1	3.1	30-SB19-00	14/14
Zinc	MG/KG	0.49 U	2.9 U	1.4	5.7	30-SB05-00	4/14

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB01-04	30-SB02-03	30-SB03-03	30-SB04-03	30-SB05-03	30-SB06-03
Laboratory Sample ID:		940227-01	940226-09	940227-02	940226-12	940227-03	940226-16
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Bromomethane	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Vinyl chloride	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Chloroethane	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Methylene chloride	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Acetone	UG/KG	34	11 U	35 U	12 U	11 U	9 J
Carbon Disulfide	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
1,1-Dichloroethene	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
1,1-Dichloroethane	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
1,2-Dichloroethene(total)	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Chloroform	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
1,2-Dichloroethane	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
2-Butanone	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
1,1,1-Trichloroethane	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Carbon tetrachloride	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Bromodichloromethane	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
1,2-Dichloropropane	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
cis-1,3-Dichloropropene	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Trichloroethene	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Dibromochloromethane	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
1,1,2-Trichloroethane	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Benzene	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
trans-1,3-Dichloropropene	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Bromoform	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
4-Methyl-2-pentanone	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
2-Hexanone	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Tetrachloroethene	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Toluene	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Chlorobenzene	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Ethylbenzene	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Styrene	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U
Xylenes (total)	UG/KG	12 U	11 U	12 U	12 U	11 U	12 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB01-04	30-SB02-03	30-SB03-03	30-SB04-03	30-SB05-03	30-SB06-03
Laboratory Sample ID:		940227-01	940226-09	940227-02	940226-12	940227-03	940226-16
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
bis(2-Chloroethyl) ether	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
2-Chlorophenol	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
1,3-Dichlorobenzene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
1,4-Dichlorobenzene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
1,2-Dichlorobenzene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
2-Methylphenol	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
2,2'-oxybis-(1-chloropropane)	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
4-Methylphenol	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
N-Nitroso-di-n-propylamine	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Hexachloroethane	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Nitrobenzene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Isophorone	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
2-Nitrophenol	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
2,4-Dimethylphenol	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
bis(2-Chloroethoxy) methane	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
2,4-Dichlorophenol	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
1,2,4-Trichlorobenzene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Naphthalene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
4-Chloroaniline	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Hexachlorobutadiene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
4-Chloro-3-methylphenol	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
2-Methylnaphthalene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Hexachlorocyclopentadiene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
2,4,6-Trichlorophenol	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
2,4,5-Trichlorophenol	UG/KG	930 U	920 U	960 U	950 U	1100 U	970 U
2-Chloronaphthalene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
2-Nitroaniline	UG/KG	930 U	920 U	960 U	950 U	1100 U	970 U
Dimethyl phthalate	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Acenaphthylene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
2,6-Dinitrotoluene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
3-Nitroaniline	UG/KG	930 U	920 U	960 U	950 U	1100 U	970 U
Acenaphthene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB01-04	30-SB02-03	30-SB03-03	30-SB04-03	30-SB05-03	30-SB06-03
Laboratory Sample ID:		940227-01	940226-09	940227-02	940226-12	940227-03	940226-16
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	930 U	920 U	960 U	950 U	1100 U	970 U
4-Nitrophenol	UG/KG	930 U	920 U	960 U	950 U	1100 U	970 U
Dibenzofuran	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
2,4-Dinitrotoluene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Diethylphthalate	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
4-Chlorophenyl phenyl ether	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Fluorene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
4-Nitroaniline	UG/KG	930 U	920 U	960 U	950 U	1100 U	970 U
4,6-Dinitro-2-methylphenol	UG/KG	930 U	920 U	960 U	950 U	1100 U	970 U
N-nitrosodiphenylamine	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
4-Bromophenyl-phenylether	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Hexachlorobenzene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Pentachlorophenol	UG/KG	930 U	920 U	960 U	950 U	1100 U	970 U
Phenanthrene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Anthracene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Carbazole	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
di-n-Butylphthalate	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Fluoranthene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Pyrene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Butyl benzyl phthalate	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
3,3'-Dichlorobenzidine	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Benzo[a]anthracene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Chrysene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
bis(2-Ethylhexyl)phthalate	UG/KG	110 J	380 U	140 J	390 U	100 J	400 U
di-n-Octylphthalate	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Benzo[b]fluoranthene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Benzo[k]fluoranthene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Benzo[a]pyrene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Indeno[1,2,3-cd]pyrene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Dibenz[a,h]anthracene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U
Benzo[g,h,i]perylene	UG/KG	380 U	380 U	400 U	390 U	460 U	400 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB07-03	30-SB08-02	30-SB09-02	30-SB10-03	30-SB11-03
Laboratory Sample ID:		940227-05	940226-19	940226-21	940227-06	940226-25
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94
	UNITS					
VOLATILES						
Chloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U
Bromomethane	UG/KG	11 U	11 U	11 U	11 U	11 U
Vinyl chloride	UG/KG	11 U	11 U	11 U	11 U	11 U
Chloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U
Methylene chloride	UG/KG	11 U	11 U	11 U	11 U	11 U
Acetone	UG/KG	43 U	15 U	13 U	51 U	48 U
Carbon Disulfide	UG/KG	11 U	11 U	11 U	11 U	11 U
1,1-Dichloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U
1,1-Dichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U
1,2-Dichloroethene(total)	UG/KG	11 U	11 U	11 U	11 U	11 U
Chloroform	UG/KG	11 U	11 U	11 U	11 U	11 U
1,2-Dichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U
2-Butanone	UG/KG	11 U	11 U	11 U	11 U	11 U
1,1,1-Trichloroethane	UG/KG	11 U	11 U	2 J	11 U	11 U
Carbon tetrachloride	UG/KG	11 U	11 U	11 U	11 U	11 U
Bromodichloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U
1,2-Dichloropropane	UG/KG	11 U	11 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	11 U	11 U
Trichloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U
Dibromochloromethane	UG/KG	11 U	11 U	11 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U
Benzene	UG/KG	11 U	11 U	11 U	11 U	11 U
trans-1,3-Dichloropropene	UG/KG	11 U	11 U	11 U	11 U	11 U
Bromoform	UG/KG	11 U	11 U	11 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	11 U	11 U	11 U	11 U	11 U
2-Hexanone	UG/KG	11 U	11 U	11 U	11 U	11 U
Tetrachloroethene	UG/KG	11 U	11 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	11 U	11 U	11 U	11 U	11 U
Toluene	UG/KG	11 U	11 U	11 U	11 U	11 U
Chlorobenzene	UG/KG	11 U	11 U	11 U	11 U	11 U
Ethylbenzene	UG/KG	11 U	11 U	11 U	11 U	11 U
Styrene	UG/KG	11 U	11 U	11 U	11 U	11 U
Xylenes (total)	UG/KG	11 U	11 U	11 U	11 U	11 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB07-03	30-SB08-02	30-SB09-02	30-SB10-03	30-SB11-03
Laboratory Sample ID:		940227-05	940226-19	940226-21	940227-06	940226-25
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94
	UNITS					
SEMIVOLATILES						
Phenol	UG/KG	380 U	380 U	360 U	370 U	370 U
bis(2-Chloroethyl) ether	UG/KG	380 U	380 U	360 U	370 U	370 U
2-Chlorophenol	UG/KG	380 U	380 U	360 U	370 U	370 U
1,3-Dichlorobenzene	UG/KG	380 U	380 U	360 U	370 U	370 U
1,4-Dichlorobenzene	UG/KG	380 U	380 U	360 U	370 U	370 U
1,2-Dichlorobenzene	UG/KG	380 U	380 U	360 U	370 U	370 U
2-Methylphenol	UG/KG	380 U	380 U	360 U	370 U	370 U
2,2'-oxybis-(1-chloropropane)	UG/KG	380 U	380 U	360 U	370 U	370 U
4-Methylphenol	UG/KG	380 U	380 U	360 U	370 U	370 U
N-Nitroso-di-n-propylamine	UG/KG	380 U	380 U	360 U	370 U	370 U
Hexachloroethane	UG/KG	380 U	380 U	360 U	370 U	370 U
Nitrobenzene	UG/KG	380 U	380 U	360 U	370 U	370 U
Isophorone	UG/KG	380 U	380 U	360 U	370 U	370 U
2-Nitrophenol	UG/KG	380 U	380 U	360 U	370 U	370 U
2,4-Dimethylphenol	UG/KG	380 U	380 U	360 U	370 U	370 U
bis(2-Chloroethoxy) methane	UG/KG	380 U	380 U	360 U	370 U	370 U
2,4-Dichlorophenol	UG/KG	380 U	380 U	360 U	370 U	370 U
1,2,4-Trichlorobenzene	UG/KG	380 U	380 U	360 U	370 U	370 U
Naphthalene	UG/KG	380 U	380 U	360 U	370 U	370 U
4-Chloroaniline	UG/KG	380 U	380 U	360 U	370 U	370 U
Hexachlorobutadiene	UG/KG	380 U	380 U	360 U	370 U	370 U
4-Chloro-3-methylphenol	UG/KG	380 U	380 U	360 U	370 U	370 U
2-Methylnaphthalene	UG/KG	380 U	380 U	360 U	370 U	370 U
Hexachlorocyclopentadiene	UG/KG	380 U	380 U	360 U	370 U	370 U
2,4,6-Trichlorophenol	UG/KG	380 U	380 U	360 U	370 U	370 U
2,4,5-Trichlorophenol	UG/KG	930 U	920 U	880 U	900 U	890 U
2-Chloronaphthalene	UG/KG	380 U	380 U	360 U	370 U	370 U
2-Nitroaniline	UG/KG	930 U	920 U	880 U	900 U	890 U
Dimethyl phthalate	UG/KG	380 U	380 U	360 U	370 U	370 U
Acenaphthylene	UG/KG	380 U	380 U	360 U	370 U	370 U
2,6-Dinitrotoluene	UG/KG	380 U	380 U	360 U	370 U	370 U
3-Nitroaniline	UG/KG	930 U	920 U	880 U	900 U	890 U
Acenaphthene	UG/KG	380 U	380 U	360 U	370 U	370 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB07-03	30-SB08-02	30-SB09-02	30-SB10-03	30-SB11-03
Laboratory Sample ID:		940227-05	940226-19	940226-21	940227-06	940226-25
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94
	UNITS					
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	930 U	920 U	880 U	900 U	890 U
4-Nitrophenol	UG/KG	930 U	920 U	880 U	900 U	890 U
Dibenzofuran	UG/KG	380 U	380 U	360 U	370 U	370 U
2,4-Dinitrotoluene	UG/KG	380 U	380 U	360 U	370 U	370 U
Diethylphthalate	UG/KG	380 U	380 U	360 U	370 U	370 U
4-Chlorophenyl phenyl ether	UG/KG	380 U	380 U	360 U	370 U	370 U
Fluorene	UG/KG	380 U	380 U	360 U	370 U	370 U
4-Nitroaniline	UG/KG	930 U	920 U	880 U	900 U	890 U
4,6-Dinitro-2-methylphenol	UG/KG	930 U	920 U	880 U	900 U	890 U
N-nitrosodiphenylamine	UG/KG	380 U	380 U	360 U	370 U	370 U
4-Bromophenyl-phenylether	UG/KG	380 U	380 U	360 U	370 U	370 U
Hexachlorobenzene	UG/KG	380 U	380 U	360 U	370 U	370 U
Pentachlorophenol	UG/KG	930 U	920 U	880 U	900 U	890 U
Phenanthrene	UG/KG	380 U	380 U	360 U	370 U	370 U
Anthracene	UG/KG	380 U	380 U	360 U	370 U	370 U
Carbazole	UG/KG	380 U	380 U	360 U	370 U	370 U
di-n-Butylphthalate	UG/KG	380 U	380 U	360 U	370 U	370 U
Fluoranthene	UG/KG	380 U	380 U	360 U	370 U	370 U
Pyrene	UG/KG	380 U	380 U	360 U	370 U	370 U
Butyl benzyl phthalate	UG/KG	380 U	380 U	360 U	370 U	370 U
3,3'-Dichlorobenzidine	UG/KG	380 U	380 U	360 U	370 U	370 U
Benzo[a]anthracene	UG/KG	380 U	380 U	360 U	370 U	370 U
Chrysene	UG/KG	380 U	380 U	360 U	370 U	370 U
bis(2-Ethylhexyl)phthalate	UG/KG	720	45 J	360 U	380	810
di-n-Octylphthalate	UG/KG	380 U	380 U	360 U	370 U	370 U
Benzo[b]fluoranthene	UG/KG	380 U	380 U	360 U	370 U	370 U
Benzo[k]fluoranthene	UG/KG	380 U	380 U	360 U	370 U	370 U
Benzo[a]pyrene	UG/KG	380 U	380 U	360 U	370 U	370 U
Indeno[1,2,3-cd]pyrene	UG/KG	380 U	380 U	360 U	370 U	370 U
Dibenz[a,h]anthracene	UG/KG	380 U	380 U	360 U	370 U	370 U
Benzo[g,h,i]perylene	UG/KG	380 U	380 U	360 U	370 U	370 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/KG	11 U	12 U	ND	ND		0/11
Bromomethane	UG/KG	11 U	12 U	ND	ND		0/11
Vinyl chloride	UG/KG	11 U	12 U	ND	ND		0/11
Chloroethane	UG/KG	11 U	12 U	ND	ND		0/11
Methylene chloride	UG/KG	11 U	12 U	ND	ND		0/11
Acetone	UG/KG	11 U	51 U	9 J	34	30-SB01-04	2/11
Carbon Disulfide	UG/KG	11 U	12 U	ND	ND		0/11
1,1-Dichloroethene	UG/KG	11 U	12 U	ND	ND		0/11
1,1-Dichloroethane	UG/KG	11 U	12 U	ND	ND		0/11
1,2-Dichloroethene(total)	UG/KG	11 U	12 U	ND	ND		0/11
Chloroform	UG/KG	11 U	12 U	ND	ND		0/11
1,2-Dichloroethane	UG/KG	11 U	12 U	ND	ND		0/11
2-Butanone	UG/KG	11 U	12 U	ND	ND		0/11
1,1,1-Trichloroethane	UG/KG	11 U	12 U	2 J	2 J	30-SB09-02	1/11
Carbon tetrachloride	UG/KG	11 U	12 U	ND	ND		0/11
Bromodichloromethane	UG/KG	11 U	12 U	ND	ND		0/11
1,2-Dichloropropane	UG/KG	11 U	12 U	ND	ND		0/11
cis-1,3-Dichloropropene	UG/KG	11 U	12 U	ND	ND		0/11
Trichloroethene	UG/KG	11 U	12 U	ND	ND		0/11
Dibromochloromethane	UG/KG	11 U	12 U	ND	ND		0/11
1,1,2-Trichloroethane	UG/KG	11 U	12 U	ND	ND		0/11
Benzene	UG/KG	11 U	12 U	ND	ND		0/11
trans-1,3-Dichloropropene	UG/KG	11 U	12 U	ND	ND		0/11
Bromoform	UG/KG	11 U	12 U	ND	ND		0/11
4-Methyl-2-pentanone	UG/KG	11 U	12 U	ND	ND		0/11
2-Hexanone	UG/KG	11 U	12 U	ND	ND		0/11
Tetrachloroethene	UG/KG	11 U	12 U	ND	ND		0/11
1,1,2,2-Tetrachloroethane	UG/KG	11 U	12 U	ND	ND		0/11
Toluene	UG/KG	11 U	12 U	ND	ND		0/11
Chlorobenzene	UG/KG	11 U	12 U	ND	ND		0/11
Ethylbenzene	UG/KG	11 U	12 U	ND	ND		0/11
Styrene	UG/KG	11 U	12 U	ND	ND		0/11
Xylenes (total)	UG/KG	11 U	12 U	ND	ND		0/11

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/KG	360 U	460 U	ND	ND		0/11
bis(2-Chloroethyl) ether	UG/KG	360 U	460 U	ND	ND		0/11
2-Chlorophenol	UG/KG	360 U	460 U	ND	ND		0/11
1,3-Dichlorobenzene	UG/KG	360 U	460 U	ND	ND		0/11
1,4-Dichlorobenzene	UG/KG	360 U	460 U	ND	ND		0/11
1,2-Dichlorobenzene	UG/KG	360 U	460 U	ND	ND		0/11
2-Methylphenol	UG/KG	360 U	460 U	ND	ND		0/11
2,2'-oxybis-(1-chloropropane)	UG/KG	360 U	460 U	ND	ND		0/11
4-Methylphenol	UG/KG	360 U	460 U	ND	ND		0/11
N-Nitroso-di-n-propylamine	UG/KG	360 U	460 U	ND	ND		0/11
Hexachloroethane	UG/KG	360 U	460 U	ND	ND		0/11
Nitrobenzene	UG/KG	360 U	460 U	ND	ND		0/11
Isophorone	UG/KG	360 U	460 U	ND	ND		0/11
2-Nitrophenol	UG/KG	360 U	460 U	ND	ND		0/11
2,4-Dimethylphenol	UG/KG	360 U	460 U	ND	ND		0/11
bis(2-Chloroethoxy) methane	UG/KG	360 U	460 U	ND	ND		0/11
2,4-Dichlorophenol	UG/KG	360 U	460 U	ND	ND		0/11
1,2,4-Trichlorobenzene	UG/KG	360 U	460 U	ND	ND		0/11
Naphthalene	UG/KG	360 U	460 U	ND	ND		0/11
4-Chloroaniline	UG/KG	360 U	460 U	ND	ND		0/11
Hexachlorobutadiene	UG/KG	360 U	460 U	ND	ND		0/11
4-Chloro-3-methylphenol	UG/KG	360 U	460 U	ND	ND		0/11
2-Methylnaphthalene	UG/KG	360 U	460 U	ND	ND		0/11
Hexachlorocyclopentadiene	UG/KG	360 U	460 U	ND	ND		0/11
2,4,6-Trichlorophenol	UG/KG	360 U	460 U	ND	ND		0/11
2,4,5-Trichlorophenol	UG/KG	880 U	1100 U	ND	ND		0/11
2-Chloronaphthalene	UG/KG	360 U	460 U	ND	ND		0/11
2-Nitroaniline	UG/KG	880 U	1100 U	ND	ND		0/11
Dimethyl phthalate	UG/KG	360 U	460 U	ND	ND		0/11
Acenaphthylene	UG/KG	360 U	460 U	ND	ND		0/11
2,6-Dinitrotoluene	UG/KG	360 U	460 U	ND	ND		0/11
3-Nitroaniline	UG/KG	880 U	1100 U	ND	ND		0/11
Acenaphthene	UG/KG	360 U	460 U	ND	ND		0/11

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	880 U	1100 U	ND	ND		0/11
4-Nitrophenol	UG/KG	880 U	1100 U	ND	ND		0/11
Dibenzofuran	UG/KG	360 U	460 U	ND	ND		0/11
2,4-Dinitrotoluene	UG/KG	360 U	460 U	ND	ND		0/11
Diethylphthalate	UG/KG	360 U	460 U	ND	ND		0/11
4-Chlorophenyl phenyl ether	UG/KG	360 U	460 U	ND	ND		0/11
Fluorene	UG/KG	360 U	460 U	ND	ND		0/11
4-Nitroaniline	UG/KG	880 U	1100 U	ND	ND		0/11
4,6-Dinitro-2-methylphenol	UG/KG	880 U	1100 U	ND	ND		0/11
N-nitrosodiphenylamine	UG/KG	360 U	460 U	ND	ND		0/11
4-Bromophenyl-phenylether	UG/KG	360 U	460 U	ND	ND		0/11
Hexachlorobenzene	UG/KG	360 U	460 U	ND	ND		0/11
Pentachlorophenol	UG/KG	880 U	1100 U	ND	ND		0/11
Phenanthrene	UG/KG	360 U	460 U	ND	ND		0/11
Anthracene	UG/KG	360 U	460 U	ND	ND		0/11
Carbazole	UG/KG	360 U	460 U	ND	ND		0/11
di-n-Butylphthalate	UG/KG	360 U	460 U	ND	ND		0/11
Fluoranthene	UG/KG	360 U	460 U	ND	ND		0/11
Pyrene	UG/KG	360 U	460 U	ND	ND		0/11
Butyl benzyl phthalate	UG/KG	360 U	460 U	ND	ND		0/11
3,3'-Dichlorobenzidine	UG/KG	360 U	460 U	ND	ND		0/11
Benzo[a]anthracene	UG/KG	360 U	460 U	ND	ND		0/11
Chrysene	UG/KG	360 U	460 U	ND	ND		0/11
bis(2-Ethylhexyl)phthalate	UG/KG	360 U	400 U	45 J	810	30-SB11-03	7/11
di-n-Octylphthalate	UG/KG	360 U	460 U	ND	ND		0/11
Benzo[b]fluoranthene	UG/KG	360 U	460 U	ND	ND		0/11
Benzo[k]fluoranthene	UG/KG	360 U	460 U	ND	ND		0/11
Benzo[a]pyrene	UG/KG	360 U	460 U	ND	ND		0/11
Indeno[1,2,3-cd]pyrene	UG/KG	360 U	460 U	ND	ND		0/11
Dibenz[a,h]anthracene	UG/KG	360 U	460 U	ND	ND		0/11
Benzo[g,h,i]perylene	UG/KG	360 U	460 U	ND	ND		0/11

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SB01-04	30-SB02-03	30-SB03-03	30-SB04-03	30-SB05-03	30-SB06-03
Laboratory Sample ID:		940227-01	940226-09	940227-02	940226-12	940227-03	940226-16
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
Percent Solids		85.0	87.0	83.0	83.0	71.0	82.0
	UNITS						
Aluminum	MG/KG	1010 J	1130	2270 J	9110	3200 J	8810
Antimony	MG/KG	5.8 UJ	6.2 U	7.3 UJ	7.0 U	6.5 UJ	6.3 U
Arsenic	MG/KG	0.52 U	0.55 U	0.64 U	1.4	1.1	1.3
Barium	MG/KG	1.2	1.3 U	1.5 U	5.6	3.2	4.4
Beryllium	MG/KG	0.17 U	0.18 U	0.21 U	0.21 U	0.19 U	0.19 U
Cadmium	MG/KG	0.52 U	0.55 U	0.64 U	0.62 U	0.58 U	0.56 U
Calcium	MG/KG	20.3 U	7.7 U	19.3 U	31.4 U	24.9 U	32.1 U
Chromium	MG/KG	5.9 J	4.2	4.2 J	10.9	4.1	13.2
Cobalt	MG/KG	0.69 U	0.73 U	0.86 U	0.82 U	0.77 U	0.75 U
Copper	MG/KG	1.8	1.1 U	1.3 U	3.0	1.4	5.2
Iron	MG/KG	762 J	249	134 J	4080	1610 J	2980
Lead	MG/KG	1.6	1.6	3.0	2.5	2.8	3.6
Magnesium	MG/KG	13.4	7.9	5.8 U	88.0	38.6	80.1
Manganese	MG/KG	8.4 J	4.5 J	2.9 J	4.7 J	9.8 J	3.4 J
Mercury	MG/KG	0.05 U	0.07	0.19	0.37	0.05 U	0.05 U
Nickel	MG/KG	1.8	1.3 U	1.5 U	1.4 U	2.0	1.3 U
Potassium	MG/KG	17.8	7.2 U	2.1 U	56.3 U	40.8	65.6 U
Selenium	MG/KG	0.69 U	0.73 U	0.86 U	0.82 U	0.77 U	0.75 U
Silver	MG/KG	0.86 UJ	0.92 UJ	1.1 UJ	1.0 UJ	0.96 UJ	0.93 UJ
Sodium	MG/KG	14.1 U	20.3	14.1 U	10.7	9.8 U	19.3
Thallium	MG/KG	0.69 U	0.73 U	0.86 U	0.82 U	0.77 U	0.75 U
Vanadium	MG/KG	1.7	1.4	0.73	9.6	4.2	6.7
Zinc	MG/KG	1.1	0.55 U	0.70	1.8 U	1.4	1.7 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SB07-03	30-SB08-02	30-SB09-02	30-SB10-03	30-SB11-03	30-SB18-03
Laboratory Sample ID:		940227-05	940226-19	940226-21	940227-06	940226-25	940283-04
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94	4/8/94
Percent Solids		86.0	86.0	90.0	89.0	89.0	82.7
	UNITS						
Aluminum	MG/KG	1300 J	1050	1170	6130 J	327	9730
Antimony	MG/KG	7.9 UJ	6.4 U	5.8 U	7.0 UJ	5.2 U	7.9 U
Arsenic	MG/KG	0.70 U	0.57 U	0.51 U	0.62	0.46 U	0.99
Barium	MG/KG	1.6 U	1.3 U	1.6	5.1	1.1 U	11.0
Beryllium	MG/KG	0.23 U	0.19 U	0.17 U	0.21 U	0.15 U	0.23 U
Cadmium	MG/KG	0.70 U	0.57 U	0.51 U	0.62 U	0.46 U	0.70 U
Calcium	MG/KG	13.6 U	12.4 U	11.6 U	37.9 U	10.2 U	41.3 J
Chromium	MG/KG	1.6 J	2.1	1.5	10.7 J	1.6	11.6
Cobalt	MG/KG	0.93 U	0.76 U	0.68 U	0.82 U	0.66	1.0
Copper	MG/KG	1.4 U	1.1 U	1.0 U	3.4	0.97	4.4
Iron	MG/KG	536 J	448	615	2850 J	204	2790
Lead	MG/KG	1.1 U	1.7	1.6	3.1	1.4	4.4
Magnesium	MG/KG	9.0	16.3	20.4	66.1	9.8	171
Manganese	MG/KG	6.4 J	3.1 J	4.0 J	5.6 J	2.2 J	6.9
Mercury	MG/KG	0.06	0.08	0.05 U	0.06	0.05 U	0.06 U
Nickel	MG/KG	3.5	1.3 U	1.3 U	2.5	3.3 U	2.9 J
Potassium	MG/KG	2.3 U	22.1 U	6.2	58.2	8.4	151
Selenium	MG/KG	0.93 U	0.76 U	0.68 U	0.82 U	0.61 U	0.93 UJ
Silver	MG/KG	1.2 UJ	0.94 UJ	0.85 UJ	1.0 UJ	0.77 UJ	1.2 UJ
Sodium	MG/KG	31.3 U	23.8	8.6 U	12.6 U	7.8 U	23.3 U
Thallium	MG/KG	0.93 U	0.76 U	0.68 U	0.82 U	0.61 U	0.93 U
Vanadium	MG/KG	1.4	1.4	1.7	6.4	0.97	9.7
Zinc	MG/KG	0.70 U	0.79 U	2.1 U	1.5	2.0 U	2.1

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SB19-02	30-SB20-03
Laboratory Sample ID:		940283-07	940283-09
Date Sampled:		4/8/94	4/8/94
Percent Solids		85.8	84.8
	UNITS		
Aluminum	MG/KG	2480	2530
Antimony	MG/KG	7.6 U	7.8 U
Arsenic	MG/KG	0.67 U	0.69 U
Barium	MG/KG	2.2	3.7
Beryllium	MG/KG	0.22 U	0.23 U
Cadmium	MG/KG	0.67 U	0.69 U
Calcium	MG/KG	33.8 J	23.9 U
Chromium	MG/KG	4.0 U	5.4 U
Cobalt	MG/KG	0.90 U	0.92 U
Copper	MG/KG	1.9	1.5
Iron	MG/KG	542	2460
Lead	MG/KG	3.0	3.6
Magnesium	MG/KG	50.0	47.3
Manganese	MG/KG	5.2	6.5
Mercury	MG/KG	0.05 U	0.05 U
Nickel	MG/KG	1.6 UJ	1.6 UJ
Potassium	MG/KG	64.5 U	39.2 U
Selenium	MG/KG	0.90 UJ	0.92 UJ
Silver	MG/KG	1.1 UJ	1.1 UJ
Sodium	MG/KG	16.1 U	33.3 U
Thallium	MG/KG	0.90 U	0.92 U
Vanadium	MG/KG	3.1	7.1
Zinc	MG/KG	0.91	1.5

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Percent Solids							
Aluminum	MG/KG	NA	NA	327	9730	30-SB18-03	14/14
Antimony	MG/KG	5.2 U	7.9 UJ	ND	ND		0/14
Arsenic	MG/KG	0.46 U	0.7 U	0.62	1.4	30-SB04-03	5/14
Barium	MG/KG	1.1 U	1.6 U	1.2	11	30-SB18-03	9/14
Beryllium	MG/KG	0.15 U	0.23 U	ND	ND		0/14
Cadmium	MG/KG	0.46 U	0.7 U	ND	ND		0/14
Calcium	MG/KG	7.7 U	37.9 U	33.8 J	41.3 J	30-SB18-03	2/14
Chromium	MG/KG	4 U	5.4 U	1.5	13.2	30-SB06-03	12/14
Cobalt	MG/KG	0.68 U	0.93 U	0.66	1	30-SB18-03	2/14
Copper	MG/KG	1 U	1.4 U	0.97	5.2	30-SB06-03	9/14
Iron	MG/KG	NA	NA	134 J	4080	30-SB04-03	14/14
Lead	MG/KG	1.1 U	1.1 U	1.4	4.4	30-SB18-03	13/14
Magnesium	MG/KG	5.8 U	5.8 U	7.9	171	30-SB18-03	13/14
Manganese	MG/KG	NA	NA	2.2 J	9.8 J	30-SB05-03	14/14
Mercury	MG/KG	0.05 U	0.06 U	0.06	0.37	30-SB04-03	6/14
Nickel	MG/KG	1.3 U	3.3 U	1.8	3.5	30-SB07-03	5/14
Potassium	MG/KG	2.1 U	65.6 U	6.2	151	30-SB18-03	6/14
Selenium	MG/KG	0.61 U	0.93 U	ND	ND		0/14
Silver	MG/KG	0.77 UJ	1.2 UJ	ND	ND		0/14
Sodium	MG/KG	7.8 U	33.3 U	10.7	23.8	30-SB08-02	4/14
Thallium	MG/KG	0.61 U	0.93 U	ND	ND		0/14
Vanadium	MG/KG	NA	NA	0.73	9.7	30-SB18-03	14/14
Zinc	MG/KG	0.55 U	2.1 U	0.7	2.1	30-SB18-03	7/14

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-GW01-01	30-GW02-01	30-GW03-01
Laboratory Sample ID:		940334-09	940334-11	940334-15
Date Sampled:		4/21/94	4/21/94	4/21/94
	UNITS			
VOLATILES				
Chloromethane	UG/L	2 U	2 U	2 U
Bromomethane	UG/L	2 U	2 U	2 U
Vinyl chloride	UG/L	2 U	2 U	2 U
Chloroethane	UG/L	2 U	2 U	2 U
Methylene chloride	UG/L	2 U	2 U	2 U
1,1-Dichloroethene	UG/L	2 U	2 U	2 U
1,1-Dichloroethane	UG/L	2 U	2 U	2 U
1,2-Dichloroethene(total)	UG/L	2 U	2 U	2 U
Chloroform	UG/L	9	2 U	2 U
1,2-Dichloroethane	UG/L	2 U	2 U	2 U
1,1,1-Trichloroethane	UG/L	2 U	2 U	2 U
Carbon tetrachloride	UG/L	2 U	2 U	2 U
Bromodichloromethane	UG/L	2 U	2 U	2 U
1,2-Dichloropropane	UG/L	2 U	2 U	2 U
cis-1,3-Dichloropropene	UG/L	2 U	2 U	2 U
Trichloroethene	UG/L	2 U	2 U	2 U
Dibromochloromethane	UG/L	2 U	2 U	2 U
1,1,2-Trichloroethane	UG/L	2 U	2 U	2 U
Benzene	UG/L	2 U	2 U	2 U
trans-1,3-Dichloropropene	UG/L	2 U	2 U	2 U
2-Chloroethylvinylether	UG/L	2 U	2 U	2 U
Bromoform	UG/L	2 U	2 U	2 U
Tetrachloroethene	UG/L	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	UG/L	2 U	2 U	2 U
Toluene	UG/L	2 U	2 U	2 U
Chlorobenzene	UG/L	2 U	2 U	2 U
Ethylbenzene	UG/L	2 U	2 U	2 U
Xylene (total)	UG/L	2 U	2 U	2 U
1,3-Dichlorobenzene	UG/L	2 U	2 U	2 U
1,4-Dichlorobenzene	UG/L	2 U	2 U	2 U
1,2-Dichlorobenzene	UG/L	2 U	2 U	2 U
Trichlorofluoromethane	UG/L	2 U	2 U	2 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-GW01-01	30-GW02-01	30-GW03-01
Laboratory Sample ID:		940334-09	940334-11	940334-15
Date Sampled:		4/21/94	4/21/94	4/21/94
	UNITS			
SEMIVOLATILES				
Phenol	UG/L	10 U	10 U	10 U
bis(2-Chloroethyl) ether	UG/L	10 U	10 U	10 U
2-Chlorophenol	UG/L	10 U	10 U	10 U
1,3-Dichlorobenzene	UG/L	10 U	10 U	10 U
1,4-Dichlorobenzene	UG/L	10 U	10 U	10 U
1,2-Dichlorobenzene	UG/L	10 U	10 U	10 U
2-Methylphenol	UG/L	10 U	10 U	10 U
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	10 UJ	10 U
4-Methylphenol	UG/L	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	UG/L	10 U	10 U	10 U
Hexachloroethane	UG/L	10 U	10 U	10 U
Nitrobenzene	UG/L	10 U	10 U	10 U
Isophorone	UG/L	10 U	10 U	10 U
2-Nitrophenol	UG/L	10 U	10 U	10 U
2,4-Dimethylphenol	UG/L	10 U	10 U	10 U
bis(2-Chloroethoxy) methane	UG/L	10 U	10 U	10 U
2,4-Dichlorophenol	UG/L	10 U	10 U	10 U
1,2,4-Trichlorobenzene	UG/L	10 U	10 U	10 U
Naphthalene	UG/L	10 U	10 U	10 U
4-Chloroaniline	UG/L	10 U	10 U	10 U
Hexachlorobutadiene	UG/L	10 U	10 U	10 U
4-Chloro-3-methylphenol	UG/L	10 U	10 U	10 U
2-Methylnaphthalene	UG/L	10 U	10 U	10 U
Hexachlorocyclopentadiene	UG/L	10 U	10 U	10 U
2,4,6-Trichlorophenol	UG/L	10 U	10 U	10 U
2,4,5-Trichlorophenol	UG/L	25 U	25 U	25 U
2-Chloronaphthalene	UG/L	10 U	10 U	10 U
2-Nitroaniline	UG/L	25 U	25 U	25 U
Dimethyl phthalate	UG/L	10 U	10 U	10 U
Acenaphthylene	UG/L	10 U	10 U	10 U
2,6-Dinitrotoluene	UG/L	10 U	10 U	10 U
3-Nitroaniline	UG/L	25 U	25 U	25 U
Acenaphthene	UG/L	10 U	10 U	10 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-GW01-01	30-GW02-01	30-GW03-01
Laboratory Sample ID:		940334-09	940334-11	940334-15
Date Sampled:		4/21/94	4/21/94	4/21/94
	UNITS			
SEMIVOLATILES Cont.				
2,4-Dinitrophenol	UG/L	25 U	25 U	25 U
4-Nitrophenol	UG/L	25 U	25 U	25 UJ
Dibenzofuran	UG/L	10 U	10 U	10 U
2,4-Dinitrotoluene	UG/L	10 U	10 U	10 U
Diethylphthalate	UG/L	10 U	10 U	10 UJ
4-Chlorophenyl phenyl ether	UG/L	10 U	10 U	10 U
Fluorene	UG/L	10 U	10 U	10 U
4-Nitroaniline	UG/L	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	UG/L	25 U	25 U	25 U
N-nitrosodiphenylamine	UG/L	10 U	10 U	10 U
4-Bromophenyl-phenylether	UG/L	10 U	10 U	10 U
Hexachlorobenzene	UG/L	10 U	10 U	10 U
Pentachlorophenol	UG/L	25 U	25 U	25 U
Phenanthrene	UG/L	10 U	10 U	10 U
Anthracene	UG/L	10 U	10 U	10 U
Carbazole	UG/L	10 U	10 U	10 U
di-n-Butylphthalate	UG/L	10 U	10 U	10 U
Fluoranthene	UG/L	10 U	10 U	10 U
Pyrene	UG/L	10 U	10 U	10 U
Butyl benzyl phthalate	UG/L	10 U	10 U	10 U
3,3'-Dichlorobenzidine	UG/L	10 U	10 U	10 UJ
Benzo[a]anthracene	UG/L	10 U	10 U	10 U
Chrysene	UG/L	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	10 U	10 U	10 U
di-n-Octylphthalate	UG/L	10 U	10 U	10 U
Benzo[b]fluoranthene	UG/L	10 U	10 U	10 U
Benzo[k]fluoranthene	UG/L	10 U	10 U	10 U
Benzo[a]pyrene	UG/L	10 U	10 U	10 U
Indeno[1,2,3-cd]pyrene	UG/L	10 U	10 U	10 U
Dibenz[a,h]anthracene	UG/L	10 U	10 U	10 U
Benzo[g,h,i]perylene	UG/L	10 U	10 U	10 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/L	2 U	2 U	ND	ND		0/3
Bromomethane	UG/L	2 U	2 U	ND	ND		0/3
Vinyl chloride	UG/L	2 U	2 U	ND	ND		0/3
Chloroethane	UG/L	2 U	2 U	ND	ND		0/3
Methylene chloride	UG/L	2 U	2 U	ND	ND		0/3
1,1-Dichloroethene	UG/L	2 U	2 U	ND	ND		0/3
1,1-Dichloroethane	UG/L	2 U	2 U	ND	ND		0/3
1,2-Dichloroethene(total)	UG/L	2 U	2 U	ND	ND		0/3
Chloroform	UG/L	2 U	2 U	9	9	30-GW01-01	1/3
1,2-Dichloroethane	UG/L	2 U	2 U	ND	ND		0/3
1,1,1-Trichloroethane	UG/L	2 U	2 U	ND	ND		0/3
Carbon tetrachloride	UG/L	2 U	2 U	ND	ND		0/3
Bromodichloromethane	UG/L	2 U	2 U	ND	ND		0/3
1,2-Dichloropropane	UG/L	2 U	2 U	ND	ND		0/3
cis-1,3-Dichloropropene	UG/L	2 U	2 U	ND	ND		0/3
Trichloroethene	UG/L	2 U	2 U	ND	ND		0/3
Dibromochloromethane	UG/L	2 U	2 U	ND	ND		0/3
1,1,2-Trichloroethane	UG/L	2 U	2 U	ND	ND		0/3
Benzene	UG/L	2 U	2 U	ND	ND		0/3
trans-1,3-Dichloropropene	UG/L	2 U	2 U	ND	ND		0/3
2-Chloroethylvinylether	UG/L	2 U	2 U	ND	ND		0/3
Bromoform	UG/L	2 U	2 U	ND	ND		0/3
Tetrachloroethene	UG/L	2 U	2 U	ND	ND		0/3
1,1,2,2-Tetrachloroethane	UG/L	2 U	2 U	ND	ND		0/3
Toluene	UG/L	2 U	2 U	ND	ND		0/3
Chlorobenzene	UG/L	2 U	2 U	ND	ND		0/3
Ethylbenzene	UG/L	2 U	2 U	ND	ND		0/3
Xylene (total)	UG/L	2 U	2 U	ND	ND		0/3
1,3-Dichlorobenzene	UG/L	2 U	2 U	ND	ND		0/3
1,4-Dichlorobenzene	UG/L	2 U	2 U	ND	ND		0/3
1,2-Dichlorobenzene	UG/L	2 U	2 U	ND	ND		0/3
Trichlorofluoromethane	UG/L	2 U	2 U	ND	ND		0/3

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/L	10 U	10 U	ND	ND		0/3
bis(2-Chloroethyl) ether	UG/L	10 U	10 U	ND	ND		0/3
2-Chlorophenol	UG/L	10 U	10 U	ND	ND		0/3
1,3-Dichlorobenzene	UG/L	10 U	10 U	ND	ND		0/3
1,4-Dichlorobenzene	UG/L	10 U	10 U	ND	ND		0/3
1,2-Dichlorobenzene	UG/L	10 U	10 U	ND	ND		0/3
2-Methylphenol	UG/L	10 U	10 U	ND	ND		0/3
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	10 U	ND	ND		0/3
4-Methylphenol	UG/L	10 U	10 U	ND	ND		0/3
N-Nitroso-di-n-propylamine	UG/L	10 U	10 U	ND	ND		0/3
Hexachloroethane	UG/L	10 U	10 U	ND	ND		0/3
Nitrobenzene	UG/L	10 U	10 U	ND	ND		0/3
Isophorone	UG/L	10 U	10 U	ND	ND		0/3
2-Nitrophenol	UG/L	10 U	10 U	ND	ND		0/3
2,4-Dimethylphenol	UG/L	10 U	10 U	ND	ND		0/3
bis(2-Chloroethoxy) methane	UG/L	10 U	10 U	ND	ND		0/3
2,4-Dichlorophenol	UG/L	10 U	10 U	ND	ND		0/3
1,2,4-Trichlorobenzene	UG/L	10 U	10 U	ND	ND		0/3
Naphthalene	UG/L	10 U	10 U	ND	ND		0/3
4-Chloroaniline	UG/L	10 U	10 U	ND	ND		0/3
Hexachlorobutadiene	UG/L	10 U	10 U	ND	ND		0/3
4-Chloro-3-methylphenol	UG/L	10 U	10 U	ND	ND		0/3
2-Methylnaphthalene	UG/L	10 U	10 U	ND	ND		0/3
Hexachlorocyclopentadiene	UG/L	10 U	10 U	ND	ND		0/3
2,4,6-Trichlorophenol	UG/L	10 U	10 U	ND	ND		0/3
2,4,5-Trichlorophenol	UG/L	25 U	25 U	ND	ND		0/3
2-Chloronaphthalene	UG/L	10 U	10 U	ND	ND		0/3
2-Nitroaniline	UG/L	25 U	25 U	ND	ND		0/3
Dimethyl phthalate	UG/L	10 U	10 U	ND	ND		0/3
Acenaphthylene	UG/L	10 U	10 U	ND	ND		0/3
2,6-Dinitrotoluene	UG/L	10 U	10 U	ND	ND		0/3
3-Nitroaniline	UG/L	25 U	25 U	ND	ND		0/3
Acenaphthene	UG/L	10 U	10 U	ND	ND		0/3

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	25 U	25 U	ND	ND		0/3
4-Nitrophenol	UG/L	25 U	25 U	ND	ND		0/3
Dibenzofuran	UG/L	10 U	10 U	ND	ND		0/3
2,4-Dinitrotoluene	UG/L	10 U	10 U	ND	ND		0/3
Diethylphthalate	UG/L	10 U	10 U	ND	ND		0/3
4-Chlorophenyl phenyl ether	UG/L	10 U	10 U	ND	ND		0/3
Fluorene	UG/L	10 U	10 U	ND	ND		0/3
4-Nitroaniline	UG/L	25 U	25 U	ND	ND		0/3
4,6-Dinitro-2-methylphenol	UG/L	25 U	25 U	ND	ND		0/3
N-nitrosodiphenylamine	UG/L	10 U	10 U	ND	ND		0/3
4-Bromophenyl-phenylether	UG/L	10 U	10 U	ND	ND		0/3
Hexachlorobenzene	UG/L	10 U	10 U	ND	ND		0/3
Pentachlorophenol	UG/L	25 U	25 U	ND	ND		0/3
Phenanthrene	UG/L	10 U	10 U	ND	ND		0/3
Anthracene	UG/L	10 U	10 U	ND	ND		0/3
Carbazole	UG/L	10 U	10 U	ND	ND		0/3
di-n-Butylphthalate	UG/L	10 U	10 U	ND	ND		0/3
Fluoranthene	UG/L	10 U	10 U	ND	ND		0/3
Pyrene	UG/L	10 U	10 U	ND	ND		0/3
Butyl benzyl phthalate	UG/L	10 U	10 U	ND	ND		0/3
3,3'-Dichlorobenzidine	UG/L	10 U	10 U	ND	ND		0/3
Benzo[a]anthracene	UG/L	10 U	10 U	ND	ND		0/3
Chrysene	UG/L	10 U	10 U	ND	ND		0/3
bis(2-Ethylhexyl)phthalate	UG/L	10 U	10 U	ND	ND		0/3
di-n-Octylphthalate	UG/L	10 U	10 U	ND	ND		0/3
Benzo[b]fluoranthene	UG/L	10 U	10 U	ND	ND		0/3
Benzo[k]fluoranthene	UG/L	10 U	10 U	ND	ND		0/3
Benzo[a]pyrene	UG/L	10 U	10 U	ND	ND		0/3
Indeno[1,2,3-cd]pyrene	UG/L	10 U	10 U	ND	ND		0/3
Dibenz[a,h]anthracene	UG/L	10 U	10 U	ND	ND		0/3
Benzo[g,h,i]perylene	UG/L	10 U	10 U	ND	ND		0/3

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-GW01-01	30-GW02-01	30-GW03-01
Laboratory Sample ID:		940334-09	940334-11	940334-15
Date Sampled:		4/21/94	4/21/94	4/21/94
	UNITS			
Aluminum	UG/L	42700	136000 J	24700
Antimony	UG/L	34.0 U	34.0 UJ	34.0 U
Arsenic	UG/L	3.7	25.8	3.0 U
Barium	UG/L	48.0	126	42.7
Beryllium	UG/L	1.0 U	1.0 U	1.0 U
Cadmium	UG/L	3.0 U	3.0 U	3.0 U
Calcium	UG/L	953	2220	1610
Chromium	UG/L	36.7 J	111 J	27.8 J
Cobalt	UG/L	4.0 U	10.5 J	4.0 U
Copper	UG/L	11.2	27.8	9.6
Iron	UG/L	9930	41400 J	4930
Lead	UG/L	59.1	27.6 J	14.8
Magnesium	UG/L	1850	7300	1550
Manganese	UG/L	38.8	181	46.6
Mercury	UG/L	0.14 U	0.13	0.32 J
Nickel	UG/L	21.7	61.2	7.0 U
Potassium	UG/L	1600	7440 J	704
Selenium	UG/L	4.0 UJ	4.0 UJ	4.0 UJ
Silver	UG/L	5.0 UJ	5.0 UJ	5.0 UJ
Sodium	UG/L	4180	8980	8600
Thallium	UG/L	4.0 UJ	4.0 U	4.0 UJ
Vanadium	UG/L	31.9	123	14.1
Zinc	UG/L	26.3 U	237	13.2 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Aluminum	UG/L	NA	NA	24700	136000 J	30-GW02-01	3/3
Antimony	UG/L	34 U	34 U	ND	ND		0/3
Arsenic	UG/L	3 U	3 U	3.7	25.8	30-GW02-01	2/3
Barium	UG/L	NA	NA	42.7	126	30-GW02-01	3/3
Beryllium	UG/L	1 U	1 U	ND	ND		0/3
Cadmium	UG/L	3 U	3 U	ND	ND		0/3
Calcium	UG/L	NA	NA	953	2220	30-GW02-01	3/3
Chromium	UG/L	NA	NA	27.8 J	111 J	30-GW02-01	3/3
Cobalt	UG/L	4 U	4 U	10.5 J	10.5 J	30-GW02-01	1/3
Copper	UG/L	NA	NA	9.6	27.8	30-GW02-01	3/3
Iron	UG/L	NA	NA	4930	41400 J	30-GW02-01	3/3
Lead	UG/L	NA	NA	14.8	59.1	30-GW01-01	3/3
Magnesium	UG/L	NA	NA	1550	7300	30-GW02-01	3/3
Manganese	UG/L	NA	NA	38.8	181	30-GW02-01	3/3
Mercury	UG/L	0.14 U	0.14 U	0.13	0.32 J	30-GW03-01	2/3
Nickel	UG/L	7 U	7 U	21.7	61.2	30-GW02-01	2/3
Potassium	UG/L	NA	NA	704	7440 J	30-GW02-01	3/3
Selenium	UG/L	4 UJ	4 UJ	ND	ND		0/3
Silver	UG/L	5 UJ	5 UJ	ND	ND		0/3
Sodium	UG/L	NA	NA	4180	8980	30-GW02-01	3/3
Thallium	UG/L	4 UJ	4 UJ	ND	ND		0/3
Vanadium	UG/L	NA	NA	14.1	123	30-GW02-01	3/3
Zinc	UG/L	13.2 U	26.3 U	237	237	30-GW02-01	1/3

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:		30-GW01D-01	30-GW02D-01	30-GW03D-01
Laboratory Sample ID:		940334-10	940334-13	940334-16
Date Sampled:		4/21/94	4/21/94	4/21/94
	UNITS			
Aluminum	UG/L	135	130 UJ	109
Antimony	UG/L	34.0 U	37.9 J	34.0 U
Arsenic	UG/L	3.0 U	3.0 U	3.0 U
Barium	UG/L	9.0	17.3	7.0 U
Beryllium	UG/L	1.0 U	1.0 U	1.0 U
Cadmium	UG/L	3.0 U	3.0 U	3.0 U
Calcium	UG/L	1020	2560	1200
Chromium	UG/L	7.0 UJ	7.0 UJ	7.0 UJ
Cobalt	UG/L	4.0 U	4.0 U	4.0 U
Copper	UG/L	6.0 U	6.0 U	6.5
Iron	UG/L	39.3 U	141 J	1040
Lead	UG/L	1.0 U	1.0 UJ	1.0 U
Magnesium	UG/L	643	1170	877
Manganese	UG/L	10.3 U	46.4	23.3
Mercury	UG/L	0.13 U	0.13 U	0.13 U
Nickel	UG/L	7.0 U	7.0 U	7.8
Potassium	UG/L	209 U	625 J	380 U
Selenium	UG/L	4.0 UJ	4.0 UJ	4.0 UJ
Silver	UG/L	5.0 UJ	5.0 UJ	5.0 UJ
Sodium	UG/L	4580	9810	7920
Thallium	UG/L	4.0 UJ	4.0 U	4.0 UJ
Vanadium	UG/L	3.0 U	3.0 U	3.0 U
Zinc	UG/L	6.9 U	23.3 U	8.7 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Aluminum	UG/L	130 UJ	130 UJ	109	135	30-GW01D-01	2/3
Antimony	UG/L	34 U	34 U	37.9 J	37.9 J	30-GW02D-01	1/3
Arsenic	UG/L	3 U	3 U	ND	ND		0/3
Barium	UG/L	7 U	7 U	9	17.3	30-GW02D-01	2/3
Beryllium	UG/L	1 U	1 U	ND	ND		0/3
Cadmium	UG/L	3 U	3 U	ND	ND		0/3
Calcium	UG/L	NA	NA	1020	2560	30-GW02D-01	3/3
Chromium	UG/L	7 UJ	7 UJ	ND	ND		0/3
Cobalt	UG/L	4 U	4 U	ND	ND		0/3
Copper	UG/L	6 U	6 U	6.5	6.5	30-GW03D-01	1/3
Iron	UG/L	39.3 U	39.3 U	141 J	1040	30-GW03D-01	2/3
Lead	UG/L	1 U	1 U	ND	ND		0/3
Magnesium	UG/L	NA	NA	643	1170	30-GW02D-01	3/3
Manganese	UG/L	10.3 U	10.3 U	23.3	46.4	30-GW02D-01	2/3
Mercury	UG/L	0.13 U	0.13 U	ND	ND		0/3
Nickel	UG/L	7 U	7 U	7.8	7.8	30-GW03D-01	1/3
Potassium	UG/L	209 U	380 U	625 J	625 J	30-GW02D-01	1/3
Selenium	UG/L	4 UJ	4 UJ	ND	ND		0/3
Silver	UG/L	5 UJ	5 UJ	ND	ND		0/3
Sodium	UG/L	NA	NA	4580	9810	30-GW02D-01	3/3
Thallium	UG/L	4 UJ	4 UJ	ND	ND		0/3
Vanadium	UG/L	3 U	3 U	ND	ND		0/3
Zinc	UG/L	6.9 U	23.3 U	ND	ND		0/3

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SW01	30-SW02	30-SW03
Laboratory Sample ID:		940226-36	940226-38	940226-39
Date Sampled:		3/23/94	3/23/94	3/23/94
	UNITS			
VOLATILES				
Chloromethane	UG/L	10 U	10 U	10 U
Bromomethane	UG/L	10 U	10 U	10 U
Vinyl chloride	UG/L	10 U	10 U	10 U
Chloroethane	UG/L	10 U	10 U	10 U
Methylene chloride	UG/L	10 U	10 U	10 U
Acetone	UG/L	13 U	14 U	17 U
Carbon Disulfide	UG/L	10 U	10 U	10 U
1,1-Dichloroethene	UG/L	10 U	10 U	10 U
1,1-Dichloroethane	UG/L	10 U	10 U	10 U
1,2-Dichloroethene(total)	UG/L	10 U	10 U	10 U
Chloroform	UG/L	10 U	10 U	10 U
1,2-Dichloroethane	UG/L	10 U	10 U	10 U
2-Butanone	UG/L	10 U	10 U	10 U
1,1,1-Trichloroethane	UG/L	10 U	10 U	10 U
Carbon tetrachloride	UG/L	10 U	10 U	10 U
Bromodichloromethane	UG/L	10 U	10 U	10 U
1,2-Dichloropropane	UG/L	10 U	10 U	10 U
cis-1,3-Dichloropropene	UG/L	10 U	10 U	10 U
Trichloroethene	UG/L	10 U	10 U	10 U
Dibromochloromethane	UG/L	10 U	10 U	10 U
1,1,2-Trichloroethane	UG/L	10 U	10 U	10 U
Benzene	UG/L	10 U	10 U	10 U
trans-1,3-Dichloropropene	UG/L	10 U	10 U	10 U
Bromoform	UG/L	10 U	10 U	10 U
4-Methyl-2-pentanone	UG/L	10 U	10 U	10 U
2-Hexanone	UG/L	10 U	10 U	10 U
Tetrachloroethene	UG/L	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	UG/L	10 U	10 U	10 U
Toluene	UG/L	10 U	10 U	10 U
Chlorobenzene	UG/L	10 U	10 U	10 U
Ethylbenzene	UG/L	10 U	10 U	10 U
Styrene	UG/L	10 U	10 U	10 U
Xylenes (total)	UG/L	10 U	10 U	10 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SW01	30-SW02	30-SW03
Laboratory Sample ID:		940226-36	940226-38	940226-39
Date Sampled:		3/23/94	3/23/94	3/23/94
	UNITS			
SEMIVOLATILES				
Phenol	UG/L	10 U	10 U	10 U
bis(2-Chloroethyl) ether	UG/L	10 U	10 U	10 UJ
2-Chlorophenol	UG/L	10 U	10 U	10 U
1,3-Dichlorobenzene	UG/L	10 U	10 U	10 UJ
1,4-Dichlorobenzene	UG/L	10 U	10 U	10 UJ
1,2-Dichlorobenzene	UG/L	10 U	10 U	10 UJ
2-Methylphenol	UG/L	10 U	10 U	10 U
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	10 U	10 UJ
4-Methylphenol	UG/L	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	UG/L	10 U	10 U	10 UJ
Hexachloroethane	UG/L	10 U	10 U	10 UJ
Nitrobenzene	UG/L	10 U	10 U	10 UJ
Isophorone	UG/L	10 U	10 U	10 UJ
2-Nitrophenol	UG/L	10 U	10 U	10 U
2,4-Dimethylphenol	UG/L	10 U	10 U	10 U
bis(2-Chloroethoxy) methane	UG/L	10 U	10 U	10 UJ
2,4-Dichlorophenol	UG/L	10 U	10 U	10 U
1,2,4-Trichlorobenzene	UG/L	10 U	10 U	10 UJ
Naphthalene	UG/L	10 U	10 U	10 UJ
4-Chloroaniline	UG/L	10 U	10 U	10 UJ
Hexachlorobutadiene	UG/L	10 U	10 U	10 UJ
4-Chloro-3-methylphenol	UG/L	10 U	10 U	10 U
2-Methylnaphthalene	UG/L	10 U	10 U	10 UJ
Hexachlorocyclopentadiene	UG/L	10 U	10 U	10 UJ
2,4,6-Trichlorophenol	UG/L	10 U	10 U	10 U
2,4,5-Trichlorophenol	UG/L	25 U	25 U	25 U
2-Chloronaphthalene	UG/L	10 U	10 U	10 UJ
2-Nitroaniline	UG/L	25 U	25 U	25 UJ
Dimethyl phthalate	UG/L	10 U	10 U	10 UJ
Acenaphthylene	UG/L	10 U	10 U	10 UJ
2,6-Dinitrotoluene	UG/L	10 U	10 U	10 UJ
3-Nitroaniline	UG/L	25 U	25 U	25 UJ
Acenaphthene	UG/L	10 U	10 U	10 UJ

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SW01	30-SW02	30-SW03
Laboratory Sample ID:		940226-36	940226-38	940226-39
Date Sampled:		3/23/94	3/23/94	3/23/94
	UNITS			
SEMIVOLATILES Cont.				
2,4-Dinitrophenol	UG/L	25 U	25 U	25 U
4-Nitrophenol	UG/L	25 U	25 U	25 U
Dibenzofuran	UG/L	10 U	10 U	10 UJ
2,4-Dinitrotoluene	UG/L	10 U	10 U	10 UJ
Diethylphthalate	UG/L	10 U	10 U	10 UJ
4-Chlorophenyl phenyl ether	UG/L	10 U	10 U	10 UJ
Fluorene	UG/L	10 U	10 U	10 UJ
4-Nitroaniline	UG/L	25 U	25 U	25 UJ
4,6-Dinitro-2-methylphenol	UG/L	25 U	25 U	25 U
N-nitrosodiphenylamine	UG/L	10 U	10 U	10 UJ
4-Bromophenyl-phenylether	UG/L	10 U	10 U	10 UJ
Hexachlorobenzene	UG/L	10 U	10 U	10 UJ
Pentachlorophenol	UG/L	25 U	25 U	25 U
Phenanthrene	UG/L	10 U	10 U	10 UJ
Anthracene	UG/L	10 U	10 U	10 UJ
Carbazole	UG/L	10 U	10 U	10 UJ
di-n-Butylphthalate	UG/L	10 U	10 U	10 UJ
Fluoranthene	UG/L	10 U	10 U	10 UJ
Pyrene	UG/L	10 U	10 U	10 UJ
Butyl benzyl phthalate	UG/L	10 U	10 U	10 UJ
3,3'-Dichlorobenzidine	UG/L	10 U	10 U	10 UJ
Benzo[a]anthracene	UG/L	10 U	10 U	10 UJ
Chrysene	UG/L	10 U	10 U	10 UJ
bis(2-Ethylhexyl)phthalate	UG/L	10 U	10 U	10 UJ
di-n-Octylphthalate	UG/L	10 U	10 U	10 UJ
Benzo[b]fluoranthene	UG/L	10 U	10 U	10 UJ
Benzo[k]fluoranthene	UG/L	10 U	10 U	10 UJ
Benzo[a]pyrene	UG/L	10 U	10 U	10 UJ
Indeno[1,2,3-cd]pyrene	UG/L	10 U	10 U	10 UJ
Dibenz[a,h]anthracene	UG/L	10 U	10 U	10 UJ
Benzo[g,h,i]perylene	UG/L	10 U	10 U	10 UJ

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/L	10 U	10 U	ND	ND		0/3
Bromomethane	UG/L	10 U	10 U	ND	ND		0/3
Vinyl chloride	UG/L	10 U	10 U	ND	ND		0/3
Chloroethane	UG/L	10 U	10 U	ND	ND		0/3
Methylene chloride	UG/L	10 U	10 U	ND	ND		0/3
Acetone	UG/L	13 U	17 U	ND	ND		0/3
Carbon Disulfide	UG/L	10 U	10 U	ND	ND		0/3
1,1-Dichloroethene	UG/L	10 U	10 U	ND	ND		0/3
1,1-Dichloroethane	UG/L	10 U	10 U	ND	ND		0/3
1,2-Dichloroethene(total)	UG/L	10 U	10 U	ND	ND		0/3
Chloroform	UG/L	10 U	10 U	ND	ND		0/3
1,2-Dichloroethane	UG/L	10 U	10 U	ND	ND		0/3
2-Butanone	UG/L	10 U	10 U	ND	ND		0/3
1,1,1-Trichloroethane	UG/L	10 U	10 U	ND	ND		0/3
Carbon tetrachloride	UG/L	10 U	10 U	ND	ND		0/3
Bromodichloromethane	UG/L	10 U	10 U	ND	ND		0/3
1,2-Dichloropropane	UG/L	10 U	10 U	ND	ND		0/3
cis-1,3-Dichloropropene	UG/L	10 U	10 U	ND	ND		0/3
Trichloroethene	UG/L	10 U	10 U	ND	ND		0/3
Dibromochloromethane	UG/L	10 U	10 U	ND	ND		0/3
1,1,2-Trichloroethane	UG/L	10 U	10 U	ND	ND		0/3
Benzene	UG/L	10 U	10 U	ND	ND		0/3
trans-1,3-Dichloropropene	UG/L	10 U	10 U	ND	ND		0/3
Bromoform	UG/L	10 U	10 U	ND	ND		0/3
4-Methyl-2-pentanone	UG/L	10 U	10 U	ND	ND		0/3
2-Hexanone	UG/L	10 U	10 U	ND	ND		0/3
Tetrachloroethene	UG/L	10 U	10 U	ND	ND		0/3
1,1,2,2-Tetrachloroethane	UG/L	10 U	10 U	ND	ND		0/3
Toluene	UG/L	10 U	10 U	ND	ND		0/3
Chlorobenzene	UG/L	10 U	10 U	ND	ND		0/3
Ethylbenzene	UG/L	10 U	10 U	ND	ND		0/3
Styrene	UG/L	10 U	10 U	ND	ND		0/3
Xylenes (total)	UG/L	10 U	10 U	ND	ND		0/3

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/L	10 U	10 U	ND	ND		0/3
bis(2-Chloroethyl) ether	UG/L	10 U	10 U	ND	ND		0/3
2-Chlorophenol	UG/L	10 U	10 U	ND	ND		0/3
1,3-Dichlorobenzene	UG/L	10 U	10 U	ND	ND		0/3
1,4-Dichlorobenzene	UG/L	10 U	10 U	ND	ND		0/3
1,2-Dichlorobenzene	UG/L	10 U	10 U	ND	ND		0/3
2-Methylphenol	UG/L	10 U	10 U	ND	ND		0/3
2,2'-oxybis-(1-chloropropane)	UG/L	10 U	10 U	ND	ND		0/3
4-Methylphenol	UG/L	10 U	10 U	ND	ND		0/3
N-Nitroso-di-n-propylamine	UG/L	10 U	10 U	ND	ND		0/3
Hexachloroethane	UG/L	10 U	10 U	ND	ND		0/3
Nitrobenzene	UG/L	10 U	10 U	ND	ND		0/3
Isophorone	UG/L	10 U	10 U	ND	ND		0/3
2-Nitrophenol	UG/L	10 U	10 U	ND	ND		0/3
2,4-Dimethylphenol	UG/L	10 U	10 U	ND	ND		0/3
bis(2-Chloroethoxy) methane	UG/L	10 U	10 U	ND	ND		0/3
2,4-Dichlorophenol	UG/L	10 U	10 U	ND	ND		0/3
1,2,4-Trichlorobenzene	UG/L	10 U	10 U	ND	ND		0/3
Naphthalene	UG/L	10 U	10 U	ND	ND		0/3
4-Chloroaniline	UG/L	10 U	10 U	ND	ND		0/3
Hexachlorobutadiene	UG/L	10 U	10 U	ND	ND		0/3
4-Chloro-3-methylphenol	UG/L	10 U	10 U	ND	ND		0/3
2-Methylnaphthalene	UG/L	10 U	10 U	ND	ND		0/3
Hexachlorocyclopentadiene	UG/L	10 U	10 U	ND	ND		0/3
2,4,6-Trichlorophenol	UG/L	10 U	10 U	ND	ND		0/3
2,4,5-Trichlorophenol	UG/L	25 U	25 U	ND	ND		0/3
2-Chloronaphthalene	UG/L	10 U	10 U	ND	ND		0/3
2-Nitroaniline	UG/L	25 U	25 U	ND	ND		0/3
Dimethyl phthalate	UG/L	10 U	10 U	ND	ND		0/3
Acenaphthylene	UG/L	10 U	10 U	ND	ND		0/3
2,6-Dinitrotoluene	UG/L	10 U	10 U	ND	ND		0/3
3-Nitroaniline	UG/L	25 U	25 U	ND	ND		0/3
Acenaphthene	UG/L	10 U	10 U	ND	ND		0/3

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	25 U	25 U	ND	ND		0/3
4-Nitrophenol	UG/L	25 U	25 U	ND	ND		0/3
Dibenzofuran	UG/L	10 U	10 U	ND	ND		0/3
2,4-Dinitrotoluene	UG/L	10 U	10 U	ND	ND		0/3
Diethylphthalate	UG/L	10 U	10 U	ND	ND		0/3
4-Chlorophenyl phenyl ether	UG/L	10 U	10 U	ND	ND		0/3
Fluorene	UG/L	10 U	10 U	ND	ND		0/3
4-Nitroaniline	UG/L	25 U	25 U	ND	ND		0/3
4,6-Dinitro-2-methylphenol	UG/L	25 U	25 U	ND	ND		0/3
N-nitrosodiphenylamine	UG/L	10 U	10 U	ND	ND		0/3
4-Bromophenyl-phenylether	UG/L	10 U	10 U	ND	ND		0/3
Hexachlorobenzene	UG/L	10 U	10 U	ND	ND		0/3
Pentachlorophenol	UG/L	25 U	25 U	ND	ND		0/3
Phenanthrene	UG/L	10 U	10 U	ND	ND		0/3
Anthracene	UG/L	10 U	10 U	ND	ND		0/3
Carbazole	UG/L	10 U	10 U	ND	ND		0/3
di-n-Butylphthalate	UG/L	10 U	10 U	ND	ND		0/3
Fluoranthene	UG/L	10 U	10 U	ND	ND		0/3
Pyrene	UG/L	10 U	10 U	ND	ND		0/3
Butyl benzyl phthalate	UG/L	10 U	10 U	ND	ND		0/3
3,3'-Dichlorobenzidine	UG/L	10 U	10 U	ND	ND		0/3
Benzo[a]anthracene	UG/L	10 U	10 U	ND	ND		0/3
Chrysene	UG/L	10 U	10 U	ND	ND		0/3
bis(2-Ethylhexyl)phthalate	UG/L	10 U	10 U	ND	ND		0/3
di-n-Octylphthalate	UG/L	10 U	10 U	ND	ND		0/3
Benzo[b]fluoranthene	UG/L	10 U	10 U	ND	ND		0/3
Benzo[k]fluoranthene	UG/L	10 U	10 U	ND	ND		0/3
Benzo[a]pyrene	UG/L	10 U	10 U	ND	ND		0/3
Indeno[1,2,3-cd]pyrene	UG/L	10 U	10 U	ND	ND		0/3
Dibenz[a,h]anthracene	UG/L	10 U	10 U	ND	ND		0/3
Benzo[g,h,i]perylene	UG/L	10 U	10 U	ND	ND		0/3

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SW01	30-SW02	30-SW03
Laboratory Sample ID:		940226-36	940226-38	940226-39
Date Sampled:		3/23/94	3/23/94	3/23/94
	UNITS			
Aluminum	UG/L	1480	383	373
Antimony	UG/L	34.0 U	34.0 U	34.0 U
Arsenic	UG/L	3.0 U	3.0 U	3.0 U
Barium	UG/L	10.2	7.0 U	10.3
Beryllium	UG/L	1.0 U	1.0 U	1.0 U
Cadmium	UG/L	3.0 U	3.0 U	3.0 U
Calcium	UG/L	2080	4220	9660
Chromium	UG/L	7.0 U	7.0 U	7.0 U
Cobalt	UG/L	4.0 U	4.0 U	4.0 U
Copper	UG/L	6.0	6.0 U	6.0 U
Iron	UG/L	829	495	595
Lead	UG/L	2.3 J	1.0 UJ	1.0 UJ
Magnesium	UG/L	650	700	840
Manganese	UG/L	5.5 J	3.3 J	11.1 J
Mercury	UG/L	0.15	0.13 U	0.14 U
Nickel	UG/L	10.8 U	10.8 U	15.5 U
Potassium	UG/L	220	229	321
Selenium	UG/L	4.0 U	4.0 U	4.0 U
Silver	UG/L	5.0 UJ	5.0 UJ	5.0 UJ
Sodium	UG/L	4440	5030	4800
Thallium	UG/L	4.0 U	4.0 U	4.0 U
Vanadium	UG/L	3.0 U	3.0 U	3.0 U
Zinc	UG/L	22.0 U	13.2 U	10.4 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Aluminum	UG/L	NA	NA	373	1480	30-SW01	3/3
Antimony	UG/L	34 U	34 U	ND	ND		0/3
Arsenic	UG/L	3 U	3 U	ND	ND		0/3
Barium	UG/L	7 U	7 U	10.2	10.3	30-SW03	2/3
Beryllium	UG/L	1 U	1 U	ND	ND		0/3
Cadmium	UG/L	3 U	3 U	ND	ND		0/3
Calcium	UG/L	NA	NA	2080	9660	30-SW03	3/3
Chromium	UG/L	7 U	7 U	ND	ND		0/3
Cobalt	UG/L	4 U	4 U	ND	ND		0/3
Copper	UG/L	6 U	6 U	6	6	30-SW01	1/3
Iron	UG/L	NA	NA	495	829	30-SW01	3/3
Lead	UG/L	1 UJ	1 UJ	2.3 J	2.3 J	30-SW01	1/3
Magnesium	UG/L	NA	NA	650	840	30-SW03	3/3
Manganese	UG/L	NA	NA	3.3 J	11.1 J	30-SW03	3/3
Mercury	UG/L	0.13 U	0.14 U	0.15	0.15	30-SW01	1/3
Nickel	UG/L	10.8 U	15.5 U	ND	ND		0/3
Potassium	UG/L	NA	NA	220	321	30-SW03	3/3
Selenium	UG/L	4 U	4 U	ND	ND		0/3
Silver	UG/L	5 UJ	5 UJ	ND	ND		0/3
Sodium	UG/L	NA	NA	4440	5030	30-SW02	3/3
Thallium	UG/L	4 U	4 U	ND	ND		0/3
Vanadium	UG/L	3 U	3 U	ND	ND		0/3
Zinc	UG/L	10.4 U	22 U	ND	ND		0/3

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SD01-06	30-SD01-612	30-SD02-06	30-SD02-612	30-SD03-06	30-SD03-612
Laboratory Sample ID:		940238-06	940238-08	940238-09	940238-10	940238-11	940238-12
Date Sampled:		3/25/94	3/25/94	3/24/94	3/24/94	3/24/94	3/24/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
Bromomethane	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
Vinyl chloride	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
Chloroethane	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
Methylene chloride	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
Acetone	UG/KG	33 U	120	13 U	13 U	14 U	63
Carbon Disulfide	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
1,1-Dichloroethene	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
1,1-Dichloroethane	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
1,2-Dichloroethene(total)	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
Chloroform	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
1,2-Dichloroethane	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
2-Butanone	UG/KG	33 U	30	13 U	13 U	14 U	23 U
1,1,1-Trichloroethane	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
Carbon tetrachloride	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
Bromodichloromethane	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
1,2-Dichloropropane	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
cis-1,3-Dichloropropene	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
Trichloroethene	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
Dibromochloromethane	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
1,1,2-Trichloroethane	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
Benzene	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
trans-1,3-Dichloropropene	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
Bromoform	UG/KG	33 U	25 U	13 U	13 U	14 U	23 U
4-Methyl-2-pentanone	UG/KG	33 U	25 UJ	13 U	13 U	14 U	23 U
2-Hexanone	UG/KG	33 U	25 UJ	13 U	13 U	14 U	23 U
Tetrachloroethene	UG/KG	33 U	25 UJ	13 U	13 U	14 U	23 U
1,1,2,2-Tetrachloroethane	UG/KG	33 U	25 UJ	13 U	13 U	14 U	23 U
Toluene	UG/KG	33 U	25 UJ	13 U	13 U	14 U	23 U
Chlorobenzene	UG/KG	33 U	25 UJ	13 U	13 U	14 U	23 U
Ethylbenzene	UG/KG	33 U	25 UJ	13 U	13 U	14 U	23 U
Styrene	UG/KG	33 U	25 UJ	13 U	13 U	14 U	23 U
Xylenes (total)	UG/KG	33 U	25 UJ	13 U	13 U	14 U	23 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SD01-06	30-SD01-612	30-SD02-06	30-SD02-612	30-SD03-06	30-SD03-612
Laboratory Sample ID:		940238-06	940238-08	940238-09	940238-10	940238-11	940238-12
Date Sampled:		3/25/94	3/25/94	3/24/94	3/24/94	3/24/94	3/24/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
bis(2-Chloroethyl) ether	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
2-Chlorophenol	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
1,3-Dichlorobenzene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
1,4-Dichlorobenzene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
1,2-Dichlorobenzene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
2-Methylphenol	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
2,2'-oxybis-(1-chloropropane)	UG/KG	1100 UJ	820 UJ	430 UJ	440 UJ	450 UJ	740 UJ
4-Methylphenol	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
N-Nitroso-di-n-propylamine	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Hexachloroethane	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Nitrobenzene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Isophorone	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
2-Nitrophenol	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
2,4-Dimethylphenol	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
bis(2-Chloroethoxy) methane	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
2,4-Dichlorophenol	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
1,2,4-Trichlorobenzene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Naphthalene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
4-Chloroaniline	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Hexachlorobutadiene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
4-Chloro-3-methylphenol	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
2-Methylnaphthalene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Hexachlorocyclopentadiene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
2,4,6-Trichlorophenol	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
2,4,5-Trichlorophenol	UG/KG	2600 U	2000 U	1000 U	1100 U	1100 U	1800 U
2-Chloronaphthalene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
2-Nitroaniline	UG/KG	2600 U	2000 U	1000 U	1100 U	1100 U	1800 U
Dimethyl phthalate	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Acenaphthylene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
2,6-Dinitrotoluene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
3-Nitroaniline	UG/KG	2600 U	2000 U	1000 U	1100 U	1100 U	1800 U
Acenaphthene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SD01-06	30-SD01-612	30-SD02-06	30-SD02-612	30-SD03-06	30-SD03-612
Laboratory Sample ID:		940238-06	940238-08	940238-09	940238-10	940238-11	940238-12
Date Sampled:		3/25/94	3/25/94	3/24/94	3/24/94	3/24/94	3/24/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	2600 U	2000 U	1000 U	1100 U	1100 U	1800 U
4-Nitrophenol	UG/KG	2600 U	2000 U	1000 U	1100 U	1100 U	1800 U
Dibenzofuran	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
2,4-Dinitrotoluene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Diethylphthalate	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
4-Chlorophenyl phenyl ether	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Fluorene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
4-Nitroaniline	UG/KG	2600 U	2000 U	1000 U	1100 U	1100 U	1800 U
4,6-Dinitro-2-methylphenol	UG/KG	2600 U	2000 U	1000 U	1100 U	1100 U	1800 U
N-nitrosodiphenylamine	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
4-Bromophenyl-phenylether	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Hexachlorobenzene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Pentachlorophenol	UG/KG	2600 U	2000 U	1000 U	1100 U	1100 U	1800 U
Phenanthrene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Anthracene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Carbazole	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
di-n-Butylphthalate	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Fluoranthene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Pyrene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Butyl benzyl phthalate	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
3,3'-Dichlorobenzidine	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Benzo[a]anthracene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Chrysene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
bis(2-Ethylhexyl)phthalate	UG/KG	500 J	3900	74 J	370 J	2600	770
di-n-Octylphthalate	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Benzo[b]fluoranthene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Benzo[k]fluoranthene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Benzo[a]pyrene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Indeno[1,2,3-cd]pyrene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Dibenz[a,h]anthracene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U
Benzo[g,h,i]perylene	UG/KG	1100 U	820 U	430 U	440 U	450 U	740 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
VOLATILES							
Chloromethane	UG/KG	13 U	33 U	ND	ND		0/6
Bromomethane	UG/KG	13 U	33 U	ND	ND		0/6
Vinyl chloride	UG/KG	13 U	33 U	ND	ND		0/6
Chloroethane	UG/KG	13 U	33 U	ND	ND		0/6
Methylene chloride	UG/KG	13 U	33 U	ND	ND		0/6
Acetone	UG/KG	13 U	33 U	63	120	30-SD01-612	2/6
Carbon Disulfide	UG/KG	13 U	33 U	ND	ND		0/6
1,1-Dichloroethene	UG/KG	13 U	33 U	ND	ND		0/6
1,1-Dichloroethane	UG/KG	13 U	33 U	ND	ND		0/6
1,2-Dichloroethene(total)	UG/KG	13 U	33 U	ND	ND		0/6
Chloroform	UG/KG	13 U	33 U	ND	ND		0/6
1,2-Dichloroethane	UG/KG	13 U	33 U	ND	ND		0/6
2-Butanone	UG/KG	13 U	33 U	30	30	30-SD01-612	1/6
1,1,1-Trichloroethane	UG/KG	13 U	33 U	ND	ND		0/6
Carbon tetrachloride	UG/KG	13 U	33 U	ND	ND		0/6
Bromodichloromethane	UG/KG	13 U	33 U	ND	ND		0/6
1,2-Dichloropropane	UG/KG	13 U	33 U	ND	ND		0/6
cis-1,3-Dichloropropene	UG/KG	13 U	33 U	ND	ND		0/6
Trichloroethene	UG/KG	13 U	33 U	ND	ND		0/6
Dibromochloromethane	UG/KG	13 U	33 U	ND	ND		0/6
1,1,2-Trichloroethane	UG/KG	13 U	33 U	ND	ND		0/6
Benzene	UG/KG	13 U	33 U	ND	ND		0/6
trans-1,3-Dichloropropene	UG/KG	13 U	33 U	ND	ND		0/6
Bromoform	UG/KG	13 U	33 U	ND	ND		0/6
4-Methyl-2-pentanone	UG/KG	13 U	33 U	ND	ND		0/6
2-Hexanone	UG/KG	13 U	33 U	ND	ND		0/6
Tetrachloroethene	UG/KG	13 U	33 U	ND	ND		0/6
1,1,2,2-Tetrachloroethane	UG/KG	13 U	33 U	ND	ND		0/6
Toluene	UG/KG	13 U	33 U	ND	ND		0/6
Chlorobenzene	UG/KG	13 U	33 U	ND	ND		0/6
Ethylbenzene	UG/KG	13 U	33 U	ND	ND		0/6
Styrene	UG/KG	13 U	33 U	ND	ND		0/6
Xylenes (total)	UG/KG	13 U	33 U	ND	ND		0/6

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES							
Phenol	UG/KG	430 U	1100 U	ND	ND		0/6
bis(2-Chloroethyl) ether	UG/KG	430 U	1100 U	ND	ND		0/6
2-Chlorophenol	UG/KG	430 U	1100 U	ND	ND		0/6
1,3-Dichlorobenzene	UG/KG	430 U	1100 U	ND	ND		0/6
1,4-Dichlorobenzene	UG/KG	430 U	1100 U	ND	ND		0/6
1,2-Dichlorobenzene	UG/KG	430 U	1100 U	ND	ND		0/6
2-Methylphenol	UG/KG	430 U	1100 U	ND	ND		0/6
2,2'-oxybis-(1-chloropropane)	UG/KG	430 UJ	1100 UJ	ND	ND		0/6
4-Methylphenol	UG/KG	430 U	1100 U	ND	ND		0/6
N-Nitroso-di-n-propylamine	UG/KG	430 U	1100 U	ND	ND		0/6
Hexachloroethane	UG/KG	430 U	1100 U	ND	ND		0/6
Nitrobenzene	UG/KG	430 U	1100 U	ND	ND		0/6
Isophorone	UG/KG	430 U	1100 U	ND	ND		0/6
2-Nitrophenol	UG/KG	430 U	1100 U	ND	ND		0/6
2,4-Dimethylphenol	UG/KG	430 U	1100 U	ND	ND		0/6
bis(2-Chloroethoxy) methane	UG/KG	430 U	1100 U	ND	ND		0/6
2,4-Dichlorophenol	UG/KG	430 U	1100 U	ND	ND		0/6
1,2,4-Trichlorobenzene	UG/KG	430 U	1100 U	ND	ND		0/6
Naphthalene	UG/KG	430 U	1100 U	ND	ND		0/6
4-Chloroaniline	UG/KG	430 U	1100 U	ND	ND		0/6
Hexachlorobutadiene	UG/KG	430 U	1100 U	ND	ND		0/6
4-Chloro-3-methylphenol	UG/KG	430 U	1100 U	ND	ND		0/6
2-Methylnaphthalene	UG/KG	430 U	1100 U	ND	ND		0/6
Hexachlorocyclopentadiene	UG/KG	430 U	1100 U	ND	ND		0/6
2,4,6-Trichlorophenol	UG/KG	430 U	1100 U	ND	ND		0/6
2,4,5-Trichlorophenol	UG/KG	1000 U	2600 U	ND	ND		0/6
2-Chloronaphthalene	UG/KG	430 U	1100 U	ND	ND		0/6
2-Nitroaniline	UG/KG	1000 U	2600 U	ND	ND		0/6
Dimethyl phthalate	UG/KG	430 U	1100 U	ND	ND		0/6
Acenaphthylene	UG/KG	430 U	1100 U	ND	ND		0/6
2,6-Dinitrotoluene	UG/KG	430 U	1100 U	ND	ND		0/6
3-Nitroaniline	UG/KG	1000 U	2600 U	ND	ND		0/6
Acenaphthene	UG/KG	430 U	1100 U	ND	ND		0/6

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	1000 U	2600 U	ND	ND		0/6
4-Nitrophenol	UG/KG	1000 U	2600 U	ND	ND		0/6
Dibenzofuran	UG/KG	430 U	1100 U	ND	ND		0/6
2,4-Dinitrotoluene	UG/KG	430 U	1100 U	ND	ND		0/6
Diethylphthalate	UG/KG	430 U	1100 U	ND	ND		0/6
4-Chlorophenyl phenyl ether	UG/KG	430 U	1100 U	ND	ND		0/6
Fluorene	UG/KG	430 U	1100 U	ND	ND		0/6
4-Nitroaniline	UG/KG	1000 U	2600 U	ND	ND		0/6
4,6-Dinitro-2-methylphenol	UG/KG	1000 U	2600 U	ND	ND		0/6
N-nitrosodiphenylamine	UG/KG	430 U	1100 U	ND	ND		0/6
4-Bromophenyl-phenylether	UG/KG	430 U	1100 U	ND	ND		0/6
Hexachlorobenzene	UG/KG	430 U	1100 U	ND	ND		0/6
Pentachlorophenol	UG/KG	1000 U	2600 U	ND	ND		0/6
Phenanthrene	UG/KG	430 U	1100 U	ND	ND		0/6
Anthracene	UG/KG	430 U	1100 U	ND	ND		0/6
Carbazole	UG/KG	430 U	1100 U	ND	ND		0/6
di-n-Butylphthalate	UG/KG	430 U	1100 U	ND	ND		0/6
Fluoranthene	UG/KG	430 U	1100 U	ND	ND		0/6
Pyrene	UG/KG	430 U	1100 U	ND	ND		0/6
Butyl benzyl phthalate	UG/KG	430 U	1100 U	ND	ND		0/6
3,3'-Dichlorobenzidine	UG/KG	430 U	1100 U	ND	ND		0/6
Benzo[a]anthracene	UG/KG	430 U	1100 U	ND	ND		0/6
Chrysene	UG/KG	430 U	1100 U	ND	ND		0/6
bis(2-Ethylhexyl)phthalate	UG/KG	NA	NA	74 J	3900	30-SD01-612	6/6
di-n-Octylphthalate	UG/KG	430 U	1100 U	ND	ND		0/6
Benzo[b]fluoranthene	UG/KG	430 U	1100 U	ND	ND		0/6
Benzo[k]fluoranthene	UG/KG	430 U	1100 U	ND	ND		0/6
Benzo[a]pyrene	UG/KG	430 U	1100 U	ND	ND		0/6
Indeno[1,2,3-cd]pyrene	UG/KG	430 U	1100 U	ND	ND		0/6
Dibenz[a,h]anthracene	UG/KG	430 U	1100 U	ND	ND		0/6
Benzo[g,h,i]perylene	UG/KG	430 U	1100 U	ND	ND		0/6

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SD01-06	30-SD01-612	30-SD02-06	30-SD02-612	30-SD03-06	30-SD03-612
Laboratory Sample ID:		940238-06	940238-08	940238-09	940238-10	940238-11	940238-12
Date Sampled:		3/25/94	3/25/94	3/24/94	3/24/94	3/24/94	3/24/94
	UNITS						
Percent Solids		30.0	40.0	76.0	75.0	73.0	44.0
Aluminum	MG/KG	2320	1490	528	2010	636	3390
Antimony	MG/KG	19.5 U	15.8 U	6.3 U	8.1 U	10.8 U	11.9 U
Arsenic	MG/KG	1.7 U	1.4 U	0.55 U	0.72 U	0.95 U	1.1 U
Barium	MG/KG	9.1	8.0	10.1	4.1	2.2 U	7.1
Beryllium	MG/KG	0.57 U	0.46 U	0.18 U	0.24 U	0.32 U	0.37
Cadmium	MG/KG	1.7 U	1.4 U	0.60	0.72 U	0.95 U	1.1 U
Calcium	MG/KG	646	192	342	127	233	4650
Chromium	MG/KG	7.5	6.1	2.2	2.4	2.2 U	7.9
Cobalt	MG/KG	2.3 U	1.9 U	0.77	0.96 U	1.3 U	1.4 U
Copper	MG/KG	9.5	2.8 U	5.8	2.8	1.9 U	2.3
Iron	MG/KG	755	595	377	643	213	842
Lead	MG/KG	15.5	5.5	3.7	3.7	1.3	2.9
Magnesium	MG/KG	133	116	24.9 U	68.7	24.0	129
Manganese	MG/KG	19.0	8.5	3.9	5.8	3.0	7.5
Mercury	MG/KG	0.14 U	0.10 U	0.06 U	0.06 U	0.08 U	0.10 U
Nickel	MG/KG	4.0 UJ	3.2 UJ	1.3 UJ	1.9 J	2.2 UJ	5.8 J
Potassium	MG/KG	102	101	27.4	70.9	37.5	121
Selenium	MG/KG	2.3 U	1.9 U	0.74 U	0.96 U	1.3 U	1.4 U
Silver	MG/KG	2.9 UJ	2.3 UJ	0.92 UJ	1.2 UJ	1.6 UJ	1.8 UJ
Sodium	MG/KG	73.9 U	92.0 U	26.0 U	27.1 U	16.1 U	33.1 U
Thallium	MG/KG	2.3 U	1.9 U	0.74 U	0.96 U	1.3 U	1.4 U
Vanadium	MG/KG	5.3	2.9	1.9	3.6	0.95 U	6.0
Zinc	MG/KG	11.3	2.9	9.2	6.6	2.5	6.3

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - FREQUENCY OF DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MINIMUM NONDETECTED	MAXIMUM NONDETECTED	MINIMUM DETECTED	MAXIMUM DETECTED	LOCATION OF MAXIMUM DETECTED	FREQUENCY OF DETECTION
Percent Solids							
Aluminum	MG/KG	NA	NA	528	3390	30-SD03-612	6/6
Antimony	MG/KG	6.3 U	19.5 U	ND	ND		0/6
Arsenic	MG/KG	0.55 U	1.7 U	ND	ND		0/6
Barium	MG/KG	2.2 U	2.2 U	4.1	10.1	30-SD02-06	5/6
Beryllium	MG/KG	0.18 U	0.57 U	0.37	0.37	30-SD03-612	1/6
Cadmium	MG/KG	0.72 U	1.7 U	0.6	0.6	30-SD02-06	1/6
Calcium	MG/KG	NA	NA	127	4650	30-SD03-612	6/6
Chromium	MG/KG	2.2 U	2.2 U	2.2	7.9	30-SD03-612	5/6
Cobalt	MG/KG	0.96 U	2.3 U	0.77	0.77	30-SD02-06	1/6
Copper	MG/KG	1.9 U	2.8 U	2.3	9.5	30-SD01-06	4/6
Iron	MG/KG	NA	NA	213	842	30-SD03-612	6/6
Lead	MG/KG	NA	NA	1.3	15.5	30-SD01-06	6/6
Magnesium	MG/KG	24.9 U	24.9 U	24	133	30-SD01-06	5/6
Manganese	MG/KG	NA	NA	3	19	30-SD01-06	6/6
Mercury	MG/KG	0.06 U	0.14 U	ND	ND		0/6
Nickel	MG/KG	1.3 UJ	4 UJ	1.9 J	5.8 J	30-SD03-612	2/6
Potassium	MG/KG	NA	NA	27.4	121	30-SD03-612	6/6
Selenium	MG/KG	0.74 U	2.3 U	ND	ND		0/6
Silver	MG/KG	0.92 UJ	2.9 UJ	ND	ND		0/6
Sodium	MG/KG	16.1 U	92 U	ND	ND		0/6
Thallium	MG/KG	0.74 U	2.3 U	ND	ND		0/6
Vanadium	MG/KG	0.95 U	0.95 U	1.9	6	30-SD03-612	5/6
Zinc	MG/KG	NA	NA	2.5	11.3	30-SD01-06	6/6

ROUND TWO

SITE 1

S. 1

FRENCH CREEK LIQUIDS DISPOSAL AREA
GROUNDWATER - FREQUENCY AND STATISTICAL SUMMARY
ROUND 2
REMEDIAL INVESTIGATION CTO - 0231
MCB, CAMP LEJEUNE, NORTH CAROLINA
VOLATILES

PARAMETER	MINIMUM DETECTED VALUE (ug/L)	MAXIMUM DETECTED VALUE (ug/L)		SAMPLE No. OF MAXIMUM DETECTED VALUE	ARITHMETIC AVERAGE (ug/L)	RME (ug/L)	LOG NORMAL UPPER 95% CONFIDENCE LEVEL (ug/L)	No. OF TIMES DETECTED	No. OF TIMES ANALYZED	FREQUENCY OF DETECTION
Vinyl Chloride	4.00	4.00	*+	1-GW10-02	4.75	5.34	5.55	1	4	25%
Acetone	9.00	14.00	+	1-GW10-02	8.25	13.28	33.23	2	4	50%
1,1-Dichloroethen	2.00	2.00	*+	1-GW10-02	4.25	6.01	12.51	1	4	25%
1,2-Dichloroethen	21.00	21.00	+	1-GW10-02	9.00	18.41	130.75	1	4	25%
Trichloroethene	8.00	18.00	+	1-GW17-02	9.00	16.25	64.38	2	4	50%
Toluene	1.00	1.00	*+	1-GW12-02	4.00	6.35	133.94	1	4	25%
Xylene (total)	19.00	19.00	+	1-GW12-02	8.50	16.74	73.97	1	4	25%

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SITE 1
FRENCH CREEK LIQUIDS DISPOSAL AREA
GROUNDWATER - FREQUENCY AND STATISTICAL SUMMARY
ROUND 2
REMEDIAL INVESTIGATION CTO - 0231
MCB, CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

PARAMETER	MINIMUM DETECTED VALUE (ug/L)	MAXIMUM DETECTED VALUE (ug/L)		SAMPLE No. OF MAXIMUM DETECTED VALUE	ARITHMETIC AVERAGE (ug/L)	RME (ug/L)	LOG NORMAL UPPER 95% CONFIDENCE LEVEL (ug/L)	No. OF TIMES DETECTED	No. OF TIMES ANALYZED	FREQUENCY OF DETECTION
Aluminum	416.00	1510.00		1-GW12-02	271.31	424.84	1318.83	6	18	33%
Arsenic	8.90	15.20		1-GW10-02	4.19	6.41	8.51	5	18	28%
Barium	7.90	76.60		1-GW17-02	32.44	39.25	44.72	18	18	100%
Calcium	900.00	137000.00	+	1-GW15-02	51107.22	71033.00	352931.54	18	18	100%
Cobalt	14.10	30.00		1-GW10-02	4.67	7.50	5.80	2	18	11%
Iron	263.00	29200.00	+	1-GW12-02	5789.25	9799.64	506417.91	9	18	50%
Lead	1.40	2.40		1-GW08-02	0.66	0.85	0.78	2	18	11%
Magnesium	550.00	7090.00		1-GW16-02	3147.50	3905.17	5006.73	18	18	100%
Manganese	2.50	1200.00	+	1-GW10-02	187.67	341.10	2626.02	14	18	78%
Mercury	0.14	1.20		1-GW04-02	0.27	0.41	1.03	11	14	79%
Potassium	305.00	5180.00		1-GW17-02	1367.06	1932.08	1881.00	18	18	100%
Sodium	1410.00	19200.00		1-GW12-02	6676.67	8294.58	8991.58	18	18	100%
Vanadium	3.60	11.40		1-GW12-02	2.17	3.13	2.59	2	18	11%

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SITE 1
FRENCH CREEK LIQUIDS DISPOSAL AREA
GROUNDWATER - FREQUENCY AND STATISTICAL SUMMARY
ROUND 2
REMEDIAL INVESTIGATION CTO - 0231
MCB, CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

PARAMETER	MINIMUM DETECTED VALUE (ug/L)	MAXIMUM DETECTED VALUE (ug/L)		SAMPLE No. OF MAXIMUM DETECTED VALUE	ARITHMETIC AVERAGE (ug/L)	RME (ug/L)	LOG NORMAL UPPER 95% CONFIDENCE LEVEL (ug/L)	No. OF TIMES DETECTED	No. OF TIME ANALYZED	FREQUENCY OF DETECTION
Arsenic	3.90	13.40		1-GW10D-02	2.62	4.17	3.85	4	18	22%
Barium	5.60	79.80		1-GW17D-02	28.49	35.70	41.48	18	18	100%
Calcium	876.00	127000.00	+	1-GW15D-02	49753.67	68686.32	330519.77	18	18	100%
Cobalt	13.40	29.60		1-GW10D-02	4.61	7.38	5.72	2	18	11%
Copper	7.00	18.10		1-GW03D-02	10.44	11.85	11.88	18	18	100%
Iron	8220.00	24100.00	+	1-GW12D-02	4434.48	7738.53	2303866.35	5	18	28%
Lead	3.00	3.00		1-GW11D-02	0.64	0.88	0.74	1	18	6%
Magnesium	587.00	7440.00		1-GW16D-02	3160.22	3952.86	5055.91	18	18	100%
Manganese	2.30	1220.00	+	1-GW10D-02	184.77	337.52	4124.25	12	18	67%
Mercury	0.13	0.72	+	1-GW16DWD-02	0.26	0.38	1.66	8	12	67%
Nickel	15.10	15.10		1-GW10D-02	6.51	7.39	7.11	1	18	6%
Potassium	365.00	5470.00		1-GW17D-02	1427.11	1991.50	1965.85	18	18	100%
Silver	4.20	4.20		1-GW12D-02	2.22	2.62	2.26	1	10	10%
Sodium	1230.00	17400.00		1-GW12D-02	6745.56	8251.91	9238.58	18	18	100%
Vanadium	3.10	3.90		1-GW12D-02	1.72	1.99	1.93	2	18	11%

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SITE 28

SITE 28
HADNOT POINT BURN DUMP
GROUNDWATER - FREQUENCY AND STATISTICAL SUMMARY
ROUND 2
REMEDIAL INVESTIGATION CTO - 0231
MCB, CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

PARAMETER	MINIMUM DETECTED VALUE (ug/L)	MAXIMUM DETECTED VALUE (ug/L)		SAMPLE No. OF MAXIMUM DETECTED VALUE	ARITHMETIC AVERAGE (ug/L)	RME (ug/L)	LOG NORMAL UPPER 95% CONFIDENCE LEVEL (ug/L)	No. OF TIMES DETECTED	No. OF TIMES ANALYZED	FREQUENCY OF DETECTION
Aluminum	420.00	1670.00	+	28-GW08-02	306.80	565.04	2122.29	3	12	25%
Arsenic	3.70	4.70		28-MW13-02	1.78	2.53	2.71	3	12	25%
Barium	6.30	759.00	+	28-GW08-02	181.53	318.00	1515.35	12	12	100%
Calcium	2890.00	183000.00	+	28-GW07-02	73004.17	104916.57	425771.24	12	12	100%
Copper	14.50	44.00		28-GW08-02	6.96	13.27	12.23	2	12	17%
Iron	147.00	40600.00	+	28-GW07-02	9999.86	17379.20	1392771.56	11	12	92%
Lead	8.20	126.00		28-GW08-02	11.77	30.46	37.36	2	12	17%
Magnesium	1190.00	35400.00	+	28-GW08-02	11701.58	17950.34	177925.20	11	12	92%
Manganese	16.90	1450.00	+	28-GW08-02	258.99	479.72	13214.00	11	12	92%
Mercury	0.14	0.58		28-GW04-02	0.22	0.32	0.50	7	12	58%
Nickel	13.50	13.50		28-GW07-02	6.63	7.75	7.51	1	12	8%
Potassium	866.00	84700.00	+	28-GW08-02	18124.92	32103.05	167051.99	12	12	100%
Sodium	5670.00	803000.00		28-GW01DW-02	112636.67	232524.77	607669.62	12	12	100%
Vanadium	6.90	6.90		28-GW07DW-02	1.95	2.76	2.46	1	12	8%
Zinc	331.00	331.00		28-GW08-02	34.24	82.73	53.97	1	12	8%

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HADNOT POINT BURN DUMP
GROUNDWATER - FREQUENCY STATISTICAL SUMMARY
ROUND 2
REMEDIAL INVESTIGATION CTO - 0231
MCB, CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

PARAMETER	MINIMUM DETECTED VALUE (ug/L)	MAXIMUM DETECTED VALUE (ug/L)		SAMPLE No. OF MAXIMUM DETECTED VALUE	ARITHMETIC AVERAGE (ug/L)	RME (ug/L)	LOG NORMAL UPPER 95% CONFIDENCE LEVEL (ug/L)	No. OF TIMES DETECTED	No. OF TIMES ANALYZED	FREQUENCY OF DETECTION
Aluminum	19.60	105.00		28-GW06D-02	22.89	37.32	41.45	4	12	33%
Arsenic	2.00	5.60		28-GW07D-02	2.32	3.03	3.42	8	12	67%
Barium	6.40	606.00	+	28-GW08D-02	150.45	260.01	1164.50	12	12	100%
Calcium	3820.00	195000.00	+	28-MW13D-02	70370.83	102643.60	361809.20	12	12	100%
Copper	5.30	17.10		28-GW08D-02	8.20	10.14	10.31	12	12	100%
Iron	10.00	32600.00	+	28-GW07D-02	6060.84	11861.10	2057205.07	11	12	92%
Lead	6.90	6.90		28-GW09DWD-02	1.03	1.99	1.44	1	12	8%
Magnesium	1360.00	34400.00	+	28-GW08D-02	11032.33	16764.81	147640.78	11	12	92%
Manganese	19.70	1160.00	+	28-GW08D-02	229.49	410.77	5224.10	11	12	92%
Potassium	969.00	89100.00	+	28-GW08D-02	17453.33	31499.79	142883.71	12	12	100%
Sodium	7180.00	785000.00		28-GW01DWD-02	113260.00	232673.57	583377.54	12	12	100%
Vanadium	6.00	6.00		28-GW07DWD-02	1.88	2.55	2.33	1	12	8%

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SITE 30

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SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - FREQUENCY AND STATISTICAL SUMMARY
ROUND 2
REMEDIAL INVESTIGATION CTO - 0231
MCB, CAMP LEJEUNE, NORTH CAROLINA
VOLATILES

PARAMETER	MINIMUM DETECTED VALUE (ug/L)	MAXIMUM DETECTED VALUE (ug/L)	SAMPLE No. OF MAXIMUM DETECTED VALUE	ARITHMETIC AVERAGE (ug/L)	RME (ug/L)	LOG NORMAL UPPER 95% CONFIDENCE LEVEL (ug/L)	No. OF TIMES DETECTED	No. OF TIMES ANALYZED	FREQUENCY OF DETECTION
Chloroform	3.00	3.00	30-GW01-02	3.00	NA	NA	1	1	100%
Toluene	2.00	2.00	30-GW01-02	2.00	NA	NA	1	1	100%

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GROUNDWATER - FREQUENCY AND STATISTICAL SUMMARY
ROUND 2
REMEDIAL INVESTIGATION CTO - 0231
MCB, CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

PARAMETER	MINIMUM DETECTED VALUE (ug/L)	MAXIMUM DETECTED VALUE (ug/L)		SAMPLE No. OF MAXIMUM DETECTED VALUE	ARITHMETIC AVERAGE (ug/L)	RME (ug/L)	LOG NORMAL UPPER 95% CONFIDENCE LEVEL (ug/L)	No. OF TIMES DETECTED	No. OF TIMES ANALYZED	FREQUENCY OF DETECTION
Aluminum	782.00	2210.00	*+	30-GW03-02	1085.00	2784.76	24974890.15	2	3	67%
Barium	15.00	31.40	*+	30-GW03-02	20.50	36.41	100.88	3	3	100%
Calcium	1720.00	2080.00	*+	30-GW03-02	1394.33	2901.74	3750415.53	2	3	67%
Chromium	9.30	9.30	*+	30-GW01-02	5.43	11.08	75.86	1	3	33%
Iron	692.00	692.00	*+	30-GW03-02	296.33	874.68	14152179.53	1	3	33%
Lead	1.30	1.80	*+	30-GW03-02	1.20	2.31	51.91	2	3	67%
Magnesium	566.00	1320.00	*+	30-GW03-02	916.00	1556.44	4507.60	3	3	100%
Manganese	7.70	31.20	*+	30-GW02-02	18.07	38.28	937.78	3	3	100%
Potassium	370.00	447.00	*+	30-GW02-02	299.17	624.95	902314.28	2	3	67%
Sodium	3410.00	15000.00	*+	30-GW03-02	8073.33	18386.63	1116884.18	3	3	100%

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SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - FREQUENCY AND STATISTICAL SUMMARY
ROUND 2
REMEDIAL INVESTIGATION CTO - 0231
MCB, CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

PARAMETER	MINIMUM DETECTED VALUE (ug/L)	MAXIMUM DETECTED VALUE (ug/L)		SAMPLE No. OF MAXIMUM DETECTED VALUE	ARITHMETIC AVERAGE (ug/L)	RME (ug/L)	LOG NORMAL UPPER 95% CONFIDENCE LEVEL (ug/L)	No. OF TIMES DETECTED	No. OF TIMES ANALYZED	FREQUENCY OF DETECTION
Barium	12.30	23.70	*+	30-GW03D-02	17.13	27.07	45.93	3	3	100%
Calcium	1180.00	2050.00	*+	30-GW03D-02	1630.00	2364.66	3163.27	3	3	100%
Copper	9.20	10.40	*+	30-GW01D-02	7.37	14.54	1383.62	2	3	67%
Iron	406.00	406.00	*+	30-GW03D-02	219.00	514.14	855061.40	1	3	33%
Magnesium	728.00	1300.00	*+	30-GW03D-02	929.00	1471.29	2414.83	3	3	100%
Manganese	9.00	25.90	*+	30-GW02D-02	16.40	30.97	195.93	3	3	100%
Potassium	199.00	426.00	*+	30-GW02D-02	337.33	541.96	1611.05	3	3	100%
Sodium	4090.00	15100.00	*+	30-GW03D-02	7993.33	18385.83	852341.17	3	3	100%

* = THE RME IS GREATER THAN THE MAXIMUM DETECTED VALUE; THEREFORE, THE MAXIMUM VALUE IS USED TO CALCULATE CHRONIC DAILY INTAKE
+ = THE LOG NORMAL 95% UCL IS GREATER THAN THE MAXIMUM DETECTED VALUE; THEREFORE, THE MAXIMUM VALUE IS USED TO CALCULATE CHRONIC DAILY INTAKE
*+ = BOTH THE RME AND LOG NORMAL 95% UCL ARE GREATER THAN THE MAXIMUM DETECTED VALUE; THEREFORE, THE MAXIMUM VALUE IS USED TO CALCULATE CHRONIC DAILY INTAKE
RME = REASONABLE MAXIMUM EXPOSURE
NA = NOT APPLICABLE

APPENDIX L
STATISTICAL SUMMARIES

SITE 1

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-00	1-N-SB20-00	1-N-SB29-00	1-N-SB30-00	1-GW07-00	1-GW08-00	1-GW09-00	1-GW10-00
Laboratory Sample ID:		940225-09	940260-01	940225-10	940225-11	940289-26	940302-01	940289-09	940289-29
Date Sampled:		3/28/94	3/29/94	3/28/94	3/29/94	4/12/94	4/12/94	4/10/94	4/11/94
	UNITS								
VOLATILES									
Chloromethane	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Bromomethane	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Vinyl chloride	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Chloroethane	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Methylene chloride	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Acetone	UG/KG	6 U	6 UJ	7 U	6 U	6 U	6 U	7 U	7 U
Carbon Disulfide	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
1,1-Dichloroethene	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
1,1-Dichloroethane	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Chloroform	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
1,2-Dichloroethane	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
2-Butanone	UG/KG	6 U	6 UJ	7 U	6 U	6 U	6 U	7 U	7 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Carbon tetrachloride	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Bromodichloromethane	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
1,2-Dichloropropane	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Trichloroethene	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Dibromochloromethane	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Benzene	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Bromoform	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
2-Hexanone	UG/KG	6 U	6 UJ	7 U	6 U	6 U	6 U	7 U	7 U
Tetrachloroethene	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Toluene	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Chlorobenzene	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Ethylbenzene	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Styrene	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U
Xylenes (total)	UG/KG	6 U	6 U	7 U	6 U	6 U	6 U	7 U	7 U

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-00	1-N-SB20-00	1-N-SB29-00	1-N-SB30-00	1-GW07-00	1-GW08-00	1-GW09-00	1-GW10-00
Laboratory Sample ID:		940225-09	940260-01	940225-10	940225-11	940289-26	940302-01	940289-09	940289-29
Date Sampled:		3/28/94	3/29/94	3/28/94	3/29/94	4/12/94	4/12/94	4/10/94	4/11/94
	UNITS								
SEMIVOLATILES									
Phenol	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
bis(2-Chloroethyl) ether	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
2-Chlorophenol	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
1,3-Dichlorobenzene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
1,4-Dichlorobenzene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
1,2-Dichlorobenzene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
2-Methylphenol	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
2,2'-oxybis-(1-chloropropane)	UG/KG	200 UJ	210 U	210 UJ	195 UJ	195 U	180 U	215 U	220 U
4-Methylphenol	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
N-Nitroso-di-n-propylamine	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Hexachloroethane	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Nitrobenzene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Isophorone	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
2-Nitrophenol	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
2,4-Dimethylphenol	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
bis(2-Chloroethoxy) methane	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
2,4-Dichlorophenol	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
1,2,4-Trichlorobenzene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Naphthalene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
4-Chloroaniline	UG/KG	200 U	210 U	210 U	195 U	195 U	180 UJ	215 U	220 U
Hexachlorobutadiene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
4-Chloro-3-methylphenol	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
2-Methylnaphthalene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Hexachlorocyclopentadiene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
2,4,6-Trichlorophenol	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
2,4,5-Trichlorophenol	UG/KG	480 U	500 U	500 U	470 U	470 U	440 U	500 U	550 U
2-Chloronaphthalene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
2-Nitroaniline	UG/KG	480 U	500 U	500 U	470 U	470 U	440 U	500 U	550 U
Dimethyl phthalate	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Acenaphthylene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
2,6-Dinitrotoluene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
3-Nitroaniline	UG/KG	480 U	500 U	500 U	470 U	470 U	440 UJ	500 U	550 U

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-00	1-N-SB20-00	1-N-SB29-00	1-N-SB30-00	1-GW07-00	1-GW08-00	1-GW09-00	1-GW10-00
Laboratory Sample ID:		940225-09	940260-01	940225-10	940225-11	940289-26	940302-01	940289-09	940289-29
Date Sampled:		3/28/94	3/29/94	3/28/94	3/29/94	4/12/94	4/12/94	4/10/94	4/11/94
	UNITS								
SEMIVOLATILES Cont.									
Acenaphthene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
2,4-Dinitrophenol	UG/KG	480 U	500 U	500 U	470 U	470 U	440 UJ	500 U	550 U
4-Nitrophenol	UG/KG	480 U	500 U	500 U	470 U	470 U	440 U	500 U	550 U
Dibenzofuran	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
2,4-Dinitrotoluene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Diethylphthalate	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 UJ	220 U
4-Chlorophenyl phenyl ether	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Fluorene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
4-Nitroaniline	UG/KG	480 U	500 U	500 U	470 U	470 U	440 U	500 U	550 U
4,6-Dinitro-2-methylphenol	UG/KG	480 U	500 U	500 U	470 U	470 U	440 U	500 UJ	550 U
N-nitrosodiphenylamine	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
4-Bromophenyl-phenylether	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Hexachlorobenzene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Pentachlorophenol	UG/KG	480 U	500 U	500 U	470 U	470 U	440 U	500 U	550 U
Phenanthrene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Anthracene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Carbazole	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
di-n-Butylphthalate	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Fluoranthene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Pyrene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Butyl benzyl phthalate	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
3,3'-Dichlorobenzidine	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 UJ	220 U
Benzo[a]anthracene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Chrysene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
bis(2-Ethylhexyl)phthalate	UG/KG	200 U	510	710	195 U	58 J	39 J	215 U	260 J
di-n-Octylphthalate	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Benzo[b]fluoranthene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Benzo[k]fluoranthene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Benzo[a]pyrene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Indeno[1,2,3-cd]pyrene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Dibenz[a,h]anthracene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U
Benzo[g,h,i]perylene	UG/KG	200 U	210 U	210 U	195 U	195 U	180 U	215 U	220 U

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-00	1-N-SB20-00	1-N-SB29-00	1-N-SB30-00	1-GW07-00	1-GW08-00	1-GW09-00	1-GW10-00
Laboratory Sample ID:		940225-09	940260-01	940225-10	940225-11	940289-26	940302-01	940289-09	940289-29
Date Sampled:		3/28/94	3/29/94	3/28/94	3/29/94	4/12/94	4/12/94	4/10/94	4/11/94
	UNITS								
PESTICIDE/PCBs									
alpha-BHC	UG/KG	1.0 UJ	1.1 UJ	1.1 UJ	1.0 UJ	1.0 U	1.0 UJ	1.1 U	1.2 UJ
beta-BHC	UG/KG	1.0 UJ	1.1 UJ	1.1 UJ	1.0 UJ	1.0 U	1.0 U	1.1 U	1.2 UJ
delta-BHC	UG/KG	1.0 UJ	1.1 UJ	1.1 UJ	1.0 UJ	1.0 U	1.0 U	1.1 U	1.2 UJ
Lindane (gamma-BHC)	UG/KG	1.0 UJ	1.1 UJ	1.1 UJ	1.0 UJ	1.0 U	1.0 UJ	1.1 U	1.2 UJ
Heptachlor	UG/KG	1.0 UJ	1.1 UJ	1.1 UJ	1.0 UJ	1.0 U	1.0 U	1.1 U	1.2 UJ
Aldrin	UG/KG	1.0 UJ	1.1 UJ	1.1 UJ	1.0 UJ	1.0 U	1.0 U	1.1 U	1.2 UJ
Heptachlor epoxide	UG/KG	1.0 UJ	1.1 UJ	1.1 UJ	1.0 UJ	1.0 U	1.0 U	1.1 U	1.2 UJ
Endosulfan I	UG/KG	1.0 UJ	1.1 UJ	1.1 UJ	1.0 UJ	1.0 U	1.0 U	1.1 U	1.2 UJ
Dieldrin	UG/KG	2.0 UJ	2.1 UJ	2.1 UJ	2.0 UJ	2.0 U	1.8 U	2.2 U	2.2 UJ
4,4'-DDE	UG/KG	2.0 UJ	2.1 UJ	2.1 UJ	2.0 UJ	2.0 U	2.2 J	2.2 U	2.2 UJ
Endrin	UG/KG	2.0 UJ	2.1 UJ	2.1 UJ	2.0 UJ	2.0 U	1.8 U	2.2 U	2.2 UJ
Endosulfan II	UG/KG	2.0 UJ	2.1 UJ	2.1 UJ	2.0 UJ	2.0 U	1.8 U	2.2 U	2.2 UJ
4,4'-DDD	UG/KG	2.0 UJ	2.1 UJ	2.1 UJ	2.0 UJ	2.0 U	1.8 U	2.2 U	2.2 UJ
Endosulfan sulfate	UG/KG	2.0 UJ	2.1 UJ	2.1 UJ	2.0 UJ	2.0 U	1.8 U	2.2 U	2.2 UJ
4,4'-DDT	UG/KG	2.0 UJ	2.1 UJ	2.1 UJ	2.0 UJ	2.0 U	7.5	2.2 U	2.2 UJ
Methoxychlor	UG/KG	10 UJ	11 UJ	11 UJ	10 UJ	10 U	10 U	11 U	12 UJ
Endrin ketone	UG/KG	2.0 UJ	2.1 UJ	2.1 UJ	2.0 UJ	2.0 U	1.8 U	2.2 U	2.2 UJ
Endrin aldehyde	UG/KG	2.0 UJ	2.1 UJ	2.1 UJ	2.0 UJ	2.0 U	1.8 U	2.2 U	2.2 UJ
alpha-Chlordane	UG/KG	1.0 UJ	1.1 UJ	1.1 UJ	1.0 UJ	1.0 U	1.0 U	1.1 U	1.2 UJ
gamma-Chlordane	UG/KG	1.0 UJ	1.1 UJ	1.1 UJ	1.0 UJ	1.0 U	1.0 U	1.1 U	1.2 UJ
Toxaphene	UG/KG	100 UJ	105 UJ	110 UJ	100 UJ	100 U	95 U	110 U	115 UJ
Aroclor 1016	UG/KG	20 UJ	21 UJ	21 UJ	20 UJ	20 U	18 U	22 U	22 UJ
Aroclor 1221	UG/KG	40 UJ	43 UJ	43 UJ	40 UJ	39 U	37 U	44 U	45 UJ
Aroclor 1232	UG/KG	20 UJ	21 UJ	21 UJ	20 UJ	20 U	18 U	22 U	22 UJ
Aroclor 1242	UG/KG	20 UJ	21 UJ	21 UJ	20 UJ	20 U	18 U	22 U	22 UJ
Aroclor 1248	UG/KG	20 UJ	21 UJ	21 UJ	20 UJ	20 U	18 U	22 U	22 UJ
Aroclor 1254	UG/KG	20 UJ	21 UJ	21 UJ	20 UJ	20 U	18 U	22 U	22 UJ
Aroclor 1260	UG/KG	20 UJ	21 UJ	21 UJ	20 UJ	20 U	18 U	22 U	22 UJ

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-00	1-GW12-00	1-GW16DW-00	1-GW16-00	1-GW17DW-00	1-GW17-00
Laboratory Sample ID:		940289-11	940289-13	940369-01	940302-04	940389-01	940320-01
Date Sampled:		4/10/94	4/10/94	5/2/94	4/13/94	5/5/94	4/19/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Carbon Disulfide	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-00	1-GW12-00	1-GW16DW-00	1-GW16-00	1-GW17DW-00	1-GW17-00
Laboratory Sample ID:		940289-11	940289-13	940369-01	940302-04	940389-01	940320-01
Date Sampled:		4/10/94	4/10/94	5/2/94	4/13/94	5/5/94	4/19/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
bis(2-Chloroethyl) ether	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
2-Chlorophenol	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
1,3-Dichlorobenzene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
1,4-Dichlorobenzene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
1,2-Dichlorobenzene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
2-Methylphenol	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
2,2'-oxybis-(1-chloropropane)	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
4-Methylphenol	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
N-Nitroso-di-n-propylamine	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Hexachloroethane	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Nitrobenzene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Isophorone	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
2-Nitrophenol	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
2,4-Dimethylphenol	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
bis(2-Chloroethoxy) methane	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
2,4-Dichlorophenol	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
1,2,4-Trichlorobenzene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Naphthalene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
4-Chloroaniline	UG/KG	190 U	215 U	185 U	255 UJ	180 U	170 U
Hexachlorobutadiene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
4-Chloro-3-methylphenol	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
2-Methylnaphthalene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Hexachlorocyclopentadiene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
2,4,6-Trichlorophenol	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
2,4,5-Trichlorophenol	UG/KG	465 U	500 U	445 U	600 U	430 U	415 U
2-Chloronaphthalene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
2-Nitroaniline	UG/KG	465 U	500 U	445 U	600 U	430 U	415 U
Dimethyl phthalate	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Acenaphthylene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
2,6-Dinitrotoluene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
3-Nitroaniline	UG/KG	465 U	500 U	445 U	600 UJ	430 U	415 U

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-00	1-GW12-00	1-GW16DW-00	1-GW16-00	1-GW17DW-00	1-GW17-00
Laboratory Sample ID:		940289-11	940289-13	940369-01	940302-04	940389-01	940320-01
Date Sampled:		4/10/94	4/10/94	5/2/94	4/13/94	5/5/94	4/19/94
	UNITS						
SEMIVOLATILES Cont.							
Acenaphthene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
2,4-Dinitrophenol	UG/KG	465 U	500 U	445 U	600 UJ	430 U	415 U
4-Nitrophenol	UG/KG	465 U	500 U	445 U	600 U	430 U	415 U
Dibenzofuran	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
2,4-Dinitrotoluene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Diethylphthalate	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
4-Chlorophenyl phenyl ether	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Fluorene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
4-Nitroaniline	UG/KG	465 U	500 U	445 U	600 U	430 U	415 U
4,6-Dinitro-2-methylphenol	UG/KG	465 U	500 U	445 U	600 U	430 U	415 U
N-nitrosodiphenylamine	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
4-Bromophenyl-phenylether	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Hexachlorobenzene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Pentachlorophenol	UG/KG	465 U	500 U	445 U	600 U	430 U	415 U
Phenanthrene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Anthracene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Carbazole	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
di-n-Butylphthalate	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Fluoranthene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Pyrene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Butyl benzyl phthalate	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
3,3'-Dichlorobenzidine	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Benzo[a]anthracene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
Chrysene	UG/KG	190 U	215 U	185 U	255 U	180 U	170 U
bis(2-Ethylhexyl)phthalate	UG/KG	41 J	50 J	910	77 J	180 U	350
di-n-Octylphthalate	UG/KG	190 U	215 UJ	185 U	255 U	180 U	170 U
Benzo[b]fluoranthene	UG/KG	190 U	215 UJ	185 U	255 U	180 U	170 U
Benzo[k]fluoranthene	UG/KG	190 U	215 UJ	185 U	255 U	180 U	170 U
Benzo[a]pyrene	UG/KG	190 U	215 UJ	185 U	255 U	180 U	170 U
Indeno[1,2,3-cd]pyrene	UG/KG	190 U	215 UJ	185 U	255 U	180 U	170 U
Dibenz[a,h]anthracene	UG/KG	190 U	215 UJ	185 U	255 U	180 U	170 U
Benzo[g,h,i]perylene	UG/KG	190 U	215 UJ	185 U	255 U	180 U	170 U

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-00	1-GW12-00	1-GW16DW-00	1-GW16-00	1-GW17DW-00	1-GW17-00
Laboratory Sample ID:		940289-11	940289-13	940369-01	940302-04	940389-01	940320-01
Date Sampled:		4/10/94	4/10/94	5/2/94	4/13/94	5/5/94	4/19/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.0 U	1.1 U	0.09 U	1.3 UJ	0.9 UJ	0.9 U
beta-BHC	UG/KG	1.0 U	1.1 U	1.0 UJ	1.3 UJ	0.9 UJ	0.9 U
delta-BHC	UG/KG	1.0 U	1.1 U	1.0 U	1.3 UJ	0.9 UJ	0.9 U
Lindane (gamma-BHC)	UG/KG	1.0 U	1.1 U	1.0 U	1.3 UJ	0.9 UJ	0.9 U
Heptachlor	UG/KG	1.0 U	1.1 U	1.0 UJ	1.3 UJ	0.9 UJ	0.9 U
Aldrin	UG/KG	1.0 U	1.1 U	1.0 U	1.3 UJ	0.9 UJ	0.9 U
Heptachlor epoxide	UG/KG	1.0 U	1.1 U	1.0 U	1.3 UJ	0.9 UJ	0.9 U
Endosulfan I	UG/KG	1.0 U	1.1 U	1.0 U	1.3 UJ	0.9 UJ	0.9 U
Dieldrin	UG/KG	1.9 U	2.2 U	1.0 U	2.6 UJ	1.8 UJ	4.3 J
4,4'-DDE	UG/KG	1.9 U	2.2 U	1.9 U	2.6 UJ	1.8 UJ	4.9
Endrin	UG/KG	1.9 U	2.2 U	1.9 U	2.6 UJ	1.8 UJ	1.7 U
Endosulfan II	UG/KG	1.9 U	2.2 U	1.9 U	2.6 UJ	1.8 UJ	1.7 U
4,4'-DDD	UG/KG	1.9 U	2.2 U	1.9 U	2.6 UJ	1.8 UJ	1.7 U
Endosulfan sulfate	UG/KG	1.9 U	2.2 U	1.9 U	2.6 UJ	1.8 UJ	1.7 U
4,4'-DDT	UG/KG	1.9 U	12	1.9 U	2.6 UJ	1.8 UJ	7.0 J
Methoxychlor	UG/KG	10 U	11 U	1.9 U	13 UJ	9 UJ	9 U
Endrin ketone	UG/KG	1.9 U	2.2 U	10 U	2.6 UJ	1.8 UJ	1.7 U
Endrin aldehyde	UG/KG	1.9 U	2.2 U	1.9 U	2.6 UJ	3.9 NJ	1.7 U
alpha-Chlordane	UG/KG	1.0 U	1.1 U	1.9 U	1.3 UJ	0.9 UJ	0.9 U
gamma-Chlordane	UG/KG	1.0 U	1.1 U	1.0 U	1.3 UJ	0.9 UJ	0.9 U
Toxaphene	UG/KG	100 U	110 U	1.0 U	130 UJ	90 UJ	90 U
Aroclor 1016	UG/KG	19 U	22 U	95 U	26 UJ	18 UJ	17 U
Aroclor 1221	UG/KG	39 U	44 U	19 U	50 UJ	36 UJ	35 U
Aroclor 1232	UG/KG	19 U	22 U	37 U	26 UJ	18 UJ	17 U
Aroclor 1242	UG/KG	19 U	22 U	19 U	26 UJ	18 UJ	17 U
Aroclor 1248	UG/KG	19 U	22 U	19 U	26 UJ	18 UJ	17 U
Aroclor 1254	UG/KG	19 U	22 U	19 U	26 UJ	18 UJ	17 U
Aroclor 1260	UG/KG	19 U	22 U	19 U	26 UJ	18 UJ	17 U

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	UPPER 95% CONFIDENCE INTERVAL	UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/KG	ND	ND	ND	ND	ND
Bromomethane	UG/KG	ND	ND	ND	ND	ND
Vinyl chloride	UG/KG	ND	ND	ND	ND	ND
Chloroethane	UG/KG	ND	ND	ND	ND	ND
Methylene chloride	UG/KG	ND	ND	ND	ND	ND
Acetone	UG/KG	ND	ND	ND	ND	ND
Carbon Disulfide	UG/KG	ND	ND	ND	ND	ND
1,1-Dichloroethene	UG/KG	ND	ND	ND	ND	ND
1,1-Dichloroethane	UG/KG	ND	ND	ND	ND	ND
1,2-Dichloroethene(total)	UG/KG	ND	ND	ND	ND	ND
Chloroform	UG/KG	ND	ND	ND	ND	ND
1,2-Dichloroethane	UG/KG	ND	ND	ND	ND	ND
2-Butanone	UG/KG	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	UG/KG	ND	ND	ND	ND	ND
Carbon tetrachloride	UG/KG	ND	ND	ND	ND	ND
Bromodichloromethane	UG/KG	ND	ND	ND	ND	ND
1,2-Dichloropropane	UG/KG	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	UG/KG	ND	ND	ND	ND	ND
Trichloroethene	UG/KG	ND	ND	ND	ND	ND
Dibromochloromethane	UG/KG	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	UG/KG	ND	ND	ND	ND	ND
Benzene	UG/KG	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	UG/KG	ND	ND	ND	ND	ND
Bromoform	UG/KG	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	UG/KG	ND	ND	ND	ND	ND
2-Hexanone	UG/KG	ND	ND	ND	ND	ND
Tetrachloroethene	UG/KG	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	UG/KG	ND	ND	ND	ND	ND
Toluene	UG/KG	ND	ND	ND	ND	ND
Chlorobenzene	UG/KG	ND	ND	ND	ND	ND
Ethylbenzene	UG/KG	ND	ND	ND	ND	ND
Styrene	UG/KG	ND	ND	ND	ND	ND
Xylenes (total)	UG/KG	ND	ND	ND	ND	ND

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	UPPER 95% CONFIDENCE INTERVAL	UPPER 95% CONFIDENCE INTERVAL
	UNITS					
SEMIVOLATILES						
Phenol	UG/KG	ND	ND	ND	ND	ND
bis(2-Chloroethyl) ether	UG/KG	ND	ND	ND	ND	ND
2-Chlorophenol	UG/KG	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	UG/KG	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	UG/KG	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	UG/KG	ND	ND	ND	ND	ND
2-Methylphenol	UG/KG	ND	ND	ND	ND	ND
2,2'-oxybis-(1-chloropropane)	UG/KG	ND	ND	ND	ND	ND
4-Methylphenol	UG/KG	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	UG/KG	ND	ND	ND	ND	ND
Hexachloroethane	UG/KG	ND	ND	ND	ND	ND
Nitrobenzene	UG/KG	ND	ND	ND	ND	ND
Isophorone	UG/KG	ND	ND	ND	ND	ND
2-Nitrophenol	UG/KG	ND	ND	ND	ND	ND
2,4-Dimethylphenol	UG/KG	ND	ND	ND	ND	ND
bis(2-Chloroethoxy) methane	UG/KG	ND	ND	ND	ND	ND
2,4-Dichlorophenol	UG/KG	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	UG/KG	ND	ND	ND	ND	ND
Naphthalene	UG/KG	ND	ND	ND	ND	ND
4-Chloroaniline	UG/KG	ND	ND	ND	ND	ND
Hexachlorobutadiene	UG/KG	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	UG/KG	ND	ND	ND	ND	ND
2-Methylnaphthalene	UG/KG	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	UG/KG	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	UG/KG	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	UG/KG	ND	ND	ND	ND	ND
2-Chloronaphthalene	UG/KG	ND	ND	ND	ND	ND
2-Nitroaniline	UG/KG	ND	ND	ND	ND	ND
Dimethyl phthalate	UG/KG	ND	ND	ND	ND	ND
Acenaphthylene	UG/KG	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	UG/KG	ND	ND	ND	ND	ND
3-Nitroaniline	UG/KG	ND	ND	ND	ND	ND

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	UPPER 95% CONFIDENCE INTERVAL	UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
Acenaphthene	UG/KG	ND	ND	ND	ND	ND
2,4-Dinitrophenol	UG/KG	ND	ND	ND	ND	ND
4-Nitrophenol	UG/KG	ND	ND	ND	ND	ND
Dibenzofuran	UG/KG	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	UG/KG	ND	ND	ND	ND	ND
Diethylphthalate	UG/KG	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	UG/KG	ND	ND	ND	ND	ND
Fluorene	UG/KG	ND	ND	ND	ND	ND
4-Nitroaniline	UG/KG	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	UG/KG	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	UG/KG	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	UG/KG	ND	ND	ND	ND	ND
Hexachlorobenzene	UG/KG	ND	ND	ND	ND	ND
Pentachlorophenol	UG/KG	ND	ND	ND	ND	ND
Phenanthrene	UG/KG	ND	ND	ND	ND	ND
Anthracene	UG/KG	ND	ND	ND	ND	ND
Carbazole	UG/KG	ND	ND	ND	ND	ND
di-n-Butylphthalate	UG/KG	ND	ND	ND	ND	ND
Fluoranthene	UG/KG	ND	ND	ND	ND	ND
Pyrene	UG/KG	ND	ND	ND	ND	ND
Butyl benzyl phthalate	UG/KG	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	UG/KG	ND	ND	ND	ND	ND
Benzo[a]anthracene	UG/KG	ND	ND	ND	ND	ND
Chrysene	UG/KG	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	UG/KG	910	271.1	267.0	397.4	687.9
di-n-Octylphthalate	UG/KG	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	UG/KG	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	UG/KG	ND	ND	ND	ND	ND
Benzo[a]pyrene	UG/KG	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	UG/KG	ND	ND	ND	ND	ND
Dibenz[a,h]anthracene	UG/KG	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	UG/KG	ND	ND	ND	ND	ND

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	UPPER 95% CONFIDENCE INTERVAL	UPPER 95% CONFIDENCE INTERVAL
	UNITS					
PESTICIDE/PCBs						
alpha-BHC	UG/KG	2.2 R	NA	NA	NA	NA
beta-BHC	UG/KG	2.2 R	NA	NA	NA	NA
delta-BHC	UG/KG	2.2 R	NA	NA	NA	NA
Lindane (gamma-BHC)	UG/KG	2.2 R	NA	NA	NA	NA
Heptachlor	UG/KG	2.2 R	NA	NA	NA	NA
Aldrin	UG/KG	2.2 R	NA	NA	NA	NA
Heptachlor epoxide	UG/KG	2.2 R	NA	NA	NA	NA
Endosulfan I	UG/KG	2.2 R	NA	NA	NA	NA
Dieldrin	UG/KG	4.3 J	2.1	0.7	2.5	2.5
4,4'-DDE	UG/KG	4.9	2.3	0.8	2.6	2.6
Endrin	UG/KG	ND	NA	NA	NA	NA
Endosulfan II	UG/KG	ND	NA	NA	NA	NA
4,4'-DDD	UG/KG	ND	NA	NA	NA	NA
Endosulfan sulfate	UG/KG	ND	NA	NA	NA	NA
4,4'-DDT	UG/KG	12	3.5	3.1	5.0	5.0
Methoxychlor	UG/KG	22 R	NA	NA	NA	NA
Endrin ketone	UG/KG	ND	NA	NA	NA	NA
Endrin aldehyde	UG/KG	3.9 NJ	2.2	0.5	2.4	2.4
alpha-Chlordane	UG/KG	ND	NA	NA	NA	NA
gamma-Chlordane	UG/KG	ND	NA	NA	NA	NA
Toxaphene	UG/KG	220 R	NA	NA	NA	NA
Aroclor 1016	UG/KG	ND	NA	NA	NA	NA
Aroclor 1221	UG/KG	ND	NA	NA	NA	NA
Aroclor 1232	UG/KG	ND	NA	NA	NA	NA
Aroclor 1242	UG/KG	ND	NA	NA	NA	NA
Aroclor 1248	UG/KG	ND	NA	NA	NA	NA
Aroclor 1254	UG/KG	ND	NA	NA	NA	NA
Aroclor 1260	UG/KG	ND	NA	NA	NA	NA

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB19-00	1-N-SB20-00	1-N-SB29-00	1-N-SB30-00	1-GW07-00	1-GW08-00	1-GW09-00	1-GW10-00
Laboratory Sample ID:		940225-09	940260-01	940225-10	940225-11	940289-26	940302-01	940289-09	940289-29
Date Sampled:		3/28/94	3/29/94	3/28/94	3/29/94	4/12/94	4/12/94	4/10/94	4/11/94
	UNITS								
Aluminum	MG/KG	2170	2930	2010	1820	4490	2780	310	1050
Antimony	MG/KG	9.4 J	3.9 UJ	3.95 UJ	9 J	3.3 U	3.65 U	3.25 U	3.15 U
Arsenic	MG/KG	0.31 U	0.345 U	2	0.31 U	1.8	0.31 U	0.285 U	0.275 U
Barium	MG/KG	7	6.3	6.4	6.1	11	10.3	1.6	2.7
Beryllium	MG/KG	0.105 U	0.115 U	0.115 U	0.105 U	0.19	0.105 U	0.095 U	0.09 U
Cadmium	MG/KG	0.31 U	0.345 U	0.35 U	0.31 U	0.29 U	1.2	0.285 U	0.275 U
Calcium	MG/KG	3120	24600 J	15600 J	11500 J	416	12900	128	47.5
Chromium	MG/KG	4.4	4.2 J	4.6	4.3	6.4	2.7	0.65 U	1.5
Cobalt	MG/KG	0.41 U	0.46 UJ	0.465 U	0.415 U	0.39 U	0.41 U	0.38 U	0.37 U
Copper	MG/KG	0.75 U	0.7 U	0.75 U	1.05 U	1.6	2.5	0.55 U	1.8
Iron	MG/KG	1120	1330	1370	966	3060	1570	226	399
Lead	MG/KG	13.9	6.4 J	6.9	5.9	4.9	19.4	1	4.3
Magnesium	MG/KG	112	452	280	244	165	306	11.6	27
Manganese	MG/KG	5.8	7.1 J	5.2	5.5	12.4	16.4	4.9	9.1
Mercury	MG/KG	0.03 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.03 U	0.02 U
Nickel	MG/KG	0.7 U	0.8 U	0.9 U	0.7 U	0.7 UJ	0.7 U	0.65 UJ	0.65 UJ
Potassium	MG/KG	49.75 U	122 J	49.6 U	51 U	143 J	66.8 J	9.4 U	15.55 U
Selenium	MG/KG	0.41 UJ	0.46 UJ	0.465 UJ	0.415 UJ	0.39 U	0.41 U	0.38 U	0.37 U
Silver	MG/KG	1.05 UJ	0.6 UJ	0.6 UJ	0.5 UJ	0.485 UJ	0.5 UJ	0.475 UJ	0.46 UJ
Sodium	MG/KG	10.6 U	36.85 U	24.6 U	22.45 U	7.35 U	20.25 U	5.3 U	5.4 U
Thallium	MG/KG	0.41 U	0.46 U	0.465 U	0.415 U	0.39 U	0.41 U	0.38 UJ	0.37 U
Vanadium	MG/KG	4.6	5.2	7.5	3.5	8.5	4.2	1	1.8
Zinc	MG/KG	16.5 J	3.5 UJ	8 J	7.3 J	5	26.9	0.65 U	3.5

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-GW11-00	1-GW12-00	1-GW16DW-00	1-GW16-00	1-GW17DW-00	1-GW17-00
Laboratory Sample ID:		940289-11	940289-13	940369-01	940302-04	940389-01	940320-01
Date Sampled:		4/10/94	4/10/94	5/2/94	4/13/94	5/5/94	4/19/94
	UNITS						
Aluminum	MG/KG	2230	2140	2510	2670	4100	1850
Antimony	MG/KG	11.9	3.3 U	3 U	3.4 U	2.75 UJ	3.6 UJ
Arsenic	MG/KG	0.275 U	0.29 U	0.57	0.73	0.9	1.2
Barium	MG/KG	5.5	3.4	9.4	9.9	10.6	6.7
Beryllium	MG/KG	0.09 U	0.095 U	0.09 U	0.1 U	0.08 U	0.105 U
Cadmium	MG/KG	0.275 U	0.29 U	0.62	2	0.245 U	0.315 U
Calcium	MG/KG	676	15.05 U	8120	5480	25100 J	40900 J
Chromium	MG/KG	3.5	2.8	5.9	5.7	5.1	5.9
Cobalt	MG/KG	0.365 U	0.385 U	0.35 U	0.4 U	0.5 U	0.42 U
Copper	MG/KG	0.55 U	0.6 U	3.4	4.9	0.5 U	2.7
Iron	MG/KG	956	681	1610	1620	1900	1160
Lead	MG/KG	4.7	2.1	22.5	23.5	5.2	11.4
Magnesium	MG/KG	72	24.8	197	171	489	556
Manganese	MG/KG	5.5	3.1	7.4	8.9	9.6	11.4
Mercury	MG/KG	0.025 U	0.025 U	0.025 U	0.025 U	0.02 U	0.025 U
Nickel	MG/KG	0.65 UJ	0.7 UJ	2	0.7 U	1.6	3
Potassium	MG/KG	20.9 U	9.6 U	66.6 J	101 J	151 J	106 J
Selenium	MG/KG	0.365 U	0.385 U	0.35 U	0.4 U	0.325 UJ	0.42 UJ
Silver	MG/KG	0.46 UJ	0.485 UJ	0.44 UJ	0.5 UJ	0.405 UJ	0.55 UJ
Sodium	MG/KG	8.15 U	6.3 U	40.3	20.7 U	28.55 U	138
Thallium	MG/KG	0.365 UJ	0.385 UJ	0.35 U	0.4 U	0.325 U	0.42 U
Vanadium	MG/KG	3.9	2.6	4.2	4.6	5.6	2.7
Zinc	MG/KG	1.55 U	1.2 U	12.2	25.2	2.95 U	12

SITE 1
FRENCHS CREEK LIQUID DISPOSAL AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	UPPER 95% CONFIDENCE INTERVAL	UPPER 95% CONFIDENCE INTERVAL
	UNITS					
Aluminum	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Antimony	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Arsenic	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Barium	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Beryllium	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Cadmium	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Calcium	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Chromium	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Cobalt	MG/KG	ND	NA	NA	NA	NA
Copper	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Iron	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Lead	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Magnesium	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Manganese	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Mercury	MG/KG	ND	NA	NA	NA	NA
Nickel	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Potassium	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Selenium	MG/KG	ND	NA	NA	NA	NA
Silver	MG/KG	ND	NA	NA	NA	NA
Sodium	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Thallium	MG/KG	ND	NA	NA	NA	NA
Vanadium	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Zinc	MG/KG	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB01-01	1-S-SB01-04	1-S-SB01-08	1-S-SB02-01	1-S-SB02-04	1-S-SB02-07
Laboratory Sample ID:		940261-01	940259-04	940259-05	940272-16	940272-17	940272-18
Date Sampled:		3/29/94	3/29/94	3/29/94	4/6/94	4/6/94	4/6/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	6 U	6 U	6 U	6 U	11 U	6 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB01-01	1-S-SB01-04	1-S-SB01-08	1-S-SB02-01	1-S-SB02-04	1-S-SB02-07
Laboratory Sample ID:		940261-01	940259-04	940259-05	940272-16	940272-17	940272-18
Date Sampled:		3/29/94	3/29/94	3/29/94	4/6/94	4/6/94	4/6/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
bis(2-Chloroethyl) ether	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
2-Chlorophenol	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
1,3-Dichlorobenzene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
1,4-Dichlorobenzene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
1,2-Dichlorobenzene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
2-Methylphenol	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
2,2'-oxybis-(1-chloropropane)	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
4-Methylphenol	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
N-Nitroso-di-n-propylamine	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Hexachloroethane	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Nitrobenzene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Isophorone	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
2-Nitrophenol	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
2,4-Dimethylphenol	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
bis(2-Chloroethoxy) methane	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
2,4-Dichlorophenol	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
1,2,4-Trichlorobenzene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Naphthalene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
4-Chloroaniline	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Hexachlorobutadiene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
4-Chloro-3-methylphenol	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
2-Methylnaphthalene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Hexachlorocyclopentadiene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
2,4,6-Trichlorophenol	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
2,4,5-Trichlorophenol	UG/KG	400 U	465 U	465 U	425 U	500 U	490 U
2-Chloronaphthalene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
2-Nitroaniline	UG/KG	400 U	465 U	465 U	425 U	500 U	490 U
Dimethyl phthalate	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Acenaphthylene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
2,6-Dinitrotoluene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
3-Nitroaniline	UG/KG	400 U	465 U	465 U	425 U	500 U	490 U
Acenaphthene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB01-01	1-S-SB01-04	1-S-SB01-08	1-S-SB02-01	1-S-SB02-04	1-S-SB02-07
Laboratory Sample ID:		940261-01	940259-04	940259-05	940272-16	940272-17	940272-18
Date Sampled:		3/29/94	3/29/94	3/29/94	4/6/94	4/6/94	4/6/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	400 U	465 U	465 U	425 U	500 U	490 U
4-Nitrophenol	UG/KG	400 U	465 UJ	930	425 U	500 U	490 U
Dibenzofuran	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
2,4-Dinitrotoluene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Diethylphthalate	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
4-Chlorophenyl phenyl ether	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Fluorene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
4-Nitroaniline	UG/KG	400 U	465 U	465 U	425 U	500 U	490 U
4,6-Dinitro-2-methylphenol	UG/KG	400 U	465 U	465 U	425 U	500 U	490 U
N-nitrosodiphenylamine	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
4-Bromophenyl-phenylether	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Hexachlorobenzene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Pentachlorophenol	UG/KG	400 U	465 U	465 U	425 U	500 U	200 U
Phenanthrene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Anthracene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Carbazole	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
di-n-Butylphthalate	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Fluoranthene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Pyrene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Butyl benzyl phthalate	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
3,3'-Dichlorobenzidine	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Benzo[a]anthracene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Chrysene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
bis(2-Ethylhexyl)phthalate	UG/KG	2000	190 U	1000	175 U	800	1800
di-n-Octylphthalate	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Benzo[b]fluoranthene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Benzo[k]fluoranthene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Benzo[a]pyrene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Indeno[1,2,3-cd]pyrene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Dibenz[a,h]anthracene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U
Benzo[g,h,i]perylene	UG/KG	165 U	190 U	190 U	175 U	215 U	200 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB01-01	1-S-SB01-04	1-S-SB01-08	1-S-SB02-01	1-S-SB02-04	1-S-SB02-07
Laboratory Sample ID:		940261-01	940259-04	940259-05	940272-16	940272-17	940272-18
Date Sampled:		3/29/94	3/29/94	3/29/94	4/6/94	4/6/94	4/6/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.0 UJ	1.0 U		0.9 UJ	1.1 U	1.1 U
beta-BHC	UG/KG	1.0 UJ	1.0 U		0.9 UJ	1.1 U	1.1 U
delta-BHC	UG/KG	1.0 UJ	1.0 U		0.9 UJ	1.1 U	1.1 U
Lindane (gamma-BHC)	UG/KG	1.0 UJ	1.0 U		0.9 UJ	1.1 U	1.1 U
Heptachlor	UG/KG	1.0 UJ	1.0 U		0.9 UJ	1.1 U	1.1 U
Aldrin	UG/KG	1.0 UJ	1.0 U		0.9 UJ	1.1 U	1.1 U
Heptachlor epoxide	UG/KG	1.0 UJ	1.0 U		0.9 UJ	1.1 U	1.1 U
Endosulfan I	UG/KG	1.0 UJ	1.0 U		0.9 UJ	1.1 U	1.1 U
Dieldrin	UG/KG	1.8 UJ	1.9 U		1.75 UJ	2.2 U	2.0 U
4,4'-DDE	UG/KG	1.8 UJ	1.9 U		1.75 UJ	2.2 U	2.0 U
Endrin	UG/KG	1.8 UJ	1.9 U		1.75 UJ	2.2 U	2.0 U
Endosulfan II	UG/KG	1.8 UJ	1.9 U		1.75 UJ	2.2 U	2.0 U
4,4'-DDD	UG/KG	1.8 UJ	1.9 U		1.75 UJ	2.2 U	2.0 U
Endosulfan sulfate	UG/KG	1.8 UJ	1.9 U		1.75 UJ	2.2 U	2.0 U
4,4'-DDT	UG/KG	1.8 UJ	1.9 U		1.75 UJ	2.2 U	2.0 U
Methoxychlor	UG/KG	10 UJ	10 U		9 UJ	11.0 U	10.5 U
Endrin ketone	UG/KG	1.8 UJ	1.9 U		1.75 UJ	2.2 U	2.0 U
Endrin aldehyde	UG/KG	1.8 UJ	1.9 U		1.75 UJ	2.2 U	2.0 U
alpha-Chlordane	UG/KG	1.0 UJ	1.0 U		0.9 UJ	1.1 U	1.1 U
gamma-Chlordane	UG/KG	1.0 UJ	1.0 U		0.9 UJ	1.1 U	1.1 U
Toxaphene	UG/KG	95 UJ	100 U		90 UJ	110 U	105 U
Aroclor 1016	UG/KG	18 UJ	19 U		17.5 UJ	22 U	20 U
Aroclor 1221	UG/KG	37 UJ	39 U		35.5 UJ	44 U	41 U
Aroclor 1232	UG/KG	18 UJ	19 U		17.5 UJ	22 U	20 U
Aroclor 1242	UG/KG	18 UJ	19 U		17.5 UJ	22 U	20 U
Aroclor 1248	UG/KG	18 UJ	19 U		17.5 UJ	22 U	20 U
Aroclor 1254	UG/KG	18 UJ	19 U		17.5 UJ	22 U	20 U
Aroclor 1260	UG/KG	18 UJ	19 U		17.5 UJ	22 U	20 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB03-01	1-S-SB03-03	1-S-SB03-06	1-S-SB04-01	1-S-SB04-04	1-S-SB04-06
Laboratory Sample ID:		940225-15	940259-06	940259-07	940272-19	940272-20	940280-01
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	6 UJ	6 U	6 U	30 U	6 U	6 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 UJ	6 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 UJ	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB03-01	1-S-SB03-03	1-S-SB03-06	1-S-SB04-01	1-S-SB04-04	1-S-SB04-06
Laboratory Sample ID:		940225-15	940259-06	940259-07	940272-19	940272-20	940280-01
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
bis(2-Chloroethyl) ether	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
2-Chlorophenol	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
1,3-Dichlorobenzene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
1,4-Dichlorobenzene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
1,2-Dichlorobenzene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
2-Methylphenol	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
2,2'-oxybis-(1-chloropropane)	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
4-Methylphenol	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
N-Nitroso-di-n-propylamine	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Hexachloroethane	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Nitrobenzene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Isophorone	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
2-Nitrophenol	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
2,4-Dimethylphenol	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
bis(2-Chloroethoxy) methane	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
2,4-Dichlorophenol	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
1,2,4-Trichlorobenzene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Naphthalene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
4-Chloroaniline	UG/KG	185 U	185 U	195 U	190 U	195 UJ	180 U
Hexachlorobutadiene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
4-Chloro-3-methylphenol	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
2-Methylnaphthalene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Hexachlorocyclopentadiene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
2,4,6-Trichlorophenol	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
2,4,5-Trichlorophenol	UG/KG	445 U	455 U	470 U	465 U	475 U	440 U
2-Chloronaphthalene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
2-Nitroaniline	UG/KG	445 U	455 U	470 U	465 U	475 U	440 U
Dimethyl phthalate	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Acenaphthylene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
2,6-Dinitrotoluene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
3-Nitroaniline	UG/KG	445 U	455 U	470 U	465 U	475 U	440 U
Acenaphthene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB03-01	1-S-SB03-03	1-S-SB03-06	1-S-SB04-01	1-S-SB04-04	1-S-SB04-06
Laboratory Sample ID:		940225-15	940259-06	940259-07	940272-19	940272-20	940280-01
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	445 U	455 U	470 U	465 U	475 U	440 U
4-Nitrophenol	UG/KG	445 U	455 UJ	470 UJ	465 U	475 U	440 U
Dibenzofuran	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
2,4-Dinitrotoluene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Diethylphthalate	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
4-Chlorophenyl phenyl ether	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Fluorene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
4-Nitroaniline	UG/KG	445 U	455 U	470 U	465 U	475 U	440 UJ
4,6-Dinitro-2-methylphenol	UG/KG	445 U	455 U	470 U	465 U	475 U	440 U
N-nitrosodiphenylamine	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
4-Bromophenyl-phenylether	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Hexachlorobenzene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Pentachlorophenol	UG/KG	445 U	455 U	470 U	465 U	475 U	440 U
Phenanthrene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Anthracene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Carbazole	UG/KG	185 U	185 U	195 U	190 U	195 U	180 UJ
di-n-Butylphthalate	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Fluoranthene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Pyrene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Butyl benzyl phthalate	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
3,3'-Dichlorobenzidine	UG/KG	185 U	185 U	195 U	190 U	195 U	180 UJ
Benzo[a]anthracene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Chrysene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
bis(2-Ethylhexyl)phthalate	UG/KG	1400	185 U	195 U	190 U	195 U	180 U
di-n-Octylphthalate	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Benzo[b]fluoranthene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Benzo[k]fluoranthene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Benzo[a]pyrene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Indeno[1,2,3-cd]pyrene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Dibenz[a,h]anthracene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U
Benzo[g,h,i]perylene	UG/KG	185 U	185 U	195 U	190 U	195 U	180 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB03-01	1-S-SB03-03	1-S-SB03-06	1-S-SB04-01	1-S-SB04-04	1-S-SB04-06
Laboratory Sample ID:		940225-15	940259-06	940259-07	940272-19	940272-20	940280-01
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
beta-BHC	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
delta-BHC	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Lindane (gamma-BHC)	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Heptachlor	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aldrin	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Heptachlor epoxide	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Endosulfan I	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Dieldrin	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	1.9 UJ	2.0 UJ	1.8 UJ
4,4'-DDE	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	1.9 UJ	2.0 UJ	1.8 UJ
Endrin	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	1.9 UJ	2.0 UJ	1.8 UJ
Endosulfan II	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	1.9 UJ	2.0 UJ	1.8 UJ
4,4'-DDD	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	1.9 UJ	2.0 UJ	1.8 UJ
Endosulfan sulfate	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	1.9 UJ	2.0 UJ	1.8 UJ
4,4'-DDT	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	1.9 UJ	2.0 UJ	1.8 UJ
Methoxychlor	UG/KG	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Endrin ketone	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	1.9 UJ	2.0 UJ	1.8 UJ
Endrin aldehyde	UG/KG	1.9 UJ	1.9 UJ	2.0 UJ	1.9 UJ	2.0 UJ	1.8 UJ
alpha-Chlordane	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
gamma-Chlordane	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Toxaphene	UG/KG	95 UJ	95 UJ	100 UJ	100 UJ	100 UJ	95 UJ
Aroclor 1016	UG/KG	19 UJ	19 UJ	20 UJ	19 UJ	20 UJ	18 UJ
Aroclor 1221	UG/KG	38 UJ	38 UJ	40 UJ	39 UJ	40 UJ	37 UJ
Aroclor 1232	UG/KG	19 UJ	19 UJ	20 UJ	19 UJ	20 UJ	18 UJ
Aroclor 1242	UG/KG	19 UJ	19 UJ	20 UJ	19 UJ	20 UJ	18 UJ
Aroclor 1248	UG/KG	19 UJ	19 UJ	20 UJ	19 UJ	20 UJ	18 UJ
Aroclor 1254	UG/KG	19 UJ	19 UJ	20 UJ	19 UJ	20 UJ	18 UJ
Aroclor 1260	UG/KG	19 UJ	19 UJ	20 UJ	19 UJ	20 UJ	18 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB05-01	1-S-SB05-04	1-S-SB05-08	1-S-SB06-01	1-S-SB06-04	1-S-SB06-08
Laboratory Sample ID:		940225-16	940259-08	940259-09	940272-03	940271-03	940271-04
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	55 UJ	6 U	6 U	6 U	6 U	6 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 UJ	6 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 UJ	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB05-01	1-S-SB05-04	1-S-SB05-08	1-S-SB06-01	1-S-SB06-04	1-S-SB06-08
Laboratory Sample ID:		940225-16	940259-08	940259-09	940272-03	940271-03	940271-04
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
bis(2-Chloroethyl) ether	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
2-Chlorophenol	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
1,3-Dichlorobenzene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
1,4-Dichlorobenzene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
1,2-Dichlorobenzene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
2-Methylphenol	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
2,2'-oxybis-(1-chloropropane)	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
4-Methylphenol	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
N-Nitroso-di-n-propylamine	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Hexachloroethane	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Nitrobenzene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Isophorone	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
2-Nitrophenol	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
2,4-Dimethylphenol	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
bis(2-Chloroethoxy) methane	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
2,4-Dichlorophenol	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
1,2,4-Trichlorobenzene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Naphthalene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
4-Chloroaniline	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Hexachlorobutadiene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
4-Chloro-3-methylphenol	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
2-Methylnaphthalene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Hexachlorocyclopentadiene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
2,4,6-Trichlorophenol	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
2,4,5-Trichlorophenol	UG/KG	440 U	435 U	470 U	470 U	450 U	430 U
2-Chloronaphthalene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
2-Nitroaniline	UG/KG	440 U	435 U	470 U	470 U	445 U	430 U
Dimethyl phthalate	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Acenaphthylene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
2,6-Dinitrotoluene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
3-Nitroaniline	UG/KG	440 U	435 U	470 U	470 U	450 U	430 U
Acenaphthene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB05-01	1-S-SB05-04	1-S-SB05-08	1-S-SB06-01	1-S-SB06-04	1-S-SB06-08
Laboratory Sample ID:		940225-16	940259-08	940259-09	940272-03	940271-03	940271-04
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	440 U	435 U	470 U	470 U	450 U	430 U
4-Nitrophenol	UG/KG	440 U	435 UJ	470 U	470 U	450 U	430 U
Dibenzofuran	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
2,4-Dinitrotoluene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Diethylphthalate	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
4-Chlorophenyl phenyl ether	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Fluorene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
4-Nitroaniline	UG/KG	440 U	435 U	470 U	470 U	450 U	430 U
4,6-Dinitro-2-methylphenol	UG/KG	440 U	435 U	470 U	470 U	450 U	430 U
N-nitrosodiphenylamine	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
4-Bromophenyl-phenylether	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Hexachlorobenzene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Pentachlorophenol	UG/KG	440 U	435 U	470 U	470 U	450 U	430 U
Phenanthrene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Anthracene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Carbazole	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
di-n-Butylphthalate	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Fluoranthene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Pyrene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Butyl benzyl phthalate	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
3,3'-Dichlorobenzidine	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Benzo[a]anthracene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Chrysene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
bis(2-Ethylhexyl)phthalate	UG/KG	1200	180 U	195 U	195 U	185 U	180 U
di-n-Octylphthalate	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Benzo[b]fluoranthene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Benzo[k]fluoranthene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Benzo[a]pyrene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Indeno[1,2,3-cd]pyrene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Dibenz[a,h]anthracene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U
Benzo[g,h,i]perylene	UG/KG	180 U	180 U	195 U	195 U	185 U	180 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB05-01	1-S-SB05-04	1-S-SB05-08	1-S-SB06-01	1-S-SB06-04	1-S-SB06-08
Laboratory Sample ID:		940225-16	940259-08	940259-09	940272-03	940271-03	940271-04
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 U	1.0 U	0.9 U
beta-BHC	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 U	1.0 U	0.9 U
delta-BHC	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 U	1.0 U	0.9 U
Lindane (gamma-BHC)	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 U	1.0 U	0.9 U
Heptachlor	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 U	1.0 U	0.9 U
Aldrin	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 U	1.0 U	0.9 U
Heptachlor epoxide	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 U	1.0 U	0.9 U
Endosulfan I	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 U	1.0 U	0.9 U
Dieldrin	UG/KG	1.8 UJ	1.8 UJ	2.0 UJ	1.95 U	1.9 U	1.8 U
4,4'-DDE	UG/KG	1.8 UJ	1.8 UJ	2.0 UJ	1.95 U	1.9 U	1.8 U
Endrin	UG/KG	1.8 UJ	1.8 UJ	2.0 UJ	1.95 U	1.9 U	1.8 U
Endosulfan II	UG/KG	1.8 UJ	1.8 UJ	2.0 UJ	1.95 U	1.9 U	1.8 U
4,4'-DDD	UG/KG	1.8 UJ	1.8 UJ	2.0 UJ	1.95 U	1.9 U	1.8 U
Endosulfan sulfate	UG/KG	1.8 UJ	1.8 UJ	2.0 UJ	1.95 U	1.9 U	1.8 U
4,4'-DDT	UG/KG	1.8 UJ	1.8 UJ	2.0 UJ	1.95 U	1.9 U	1.8 U
Methoxychlor	UG/KG	10 UJ	9 UJ	10 UJ	10 U	10 U	9 U
Endrin ketone	UG/KG	1.8 UJ	1.8 UJ	2.0 UJ	1.95 U	1.9 U	1.8 U
Endrin aldehyde	UG/KG	1.8 UJ	1.8 UJ	2.0 UJ	1.95 U	1.9 U	1.8 U
alpha-Chlordane	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 U	1.0 U	0.9 U
gamma-Chlordane	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 U	1.0 U	0.9 U
Toxaphene	UG/KG	95 UJ	90 UJ	100 UJ	100 U	95 U	90 U
Aroclor 1016	UG/KG	18 UJ	18 UJ	20 UJ	20 U	19 U	18 U
Aroclor 1221	UG/KG	37 UJ	37 U	40 UJ	40 U	38 U	36 U
Aroclor 1232	UG/KG	18 UJ	18 U	20 UJ	20 U	19 U	18 U
Aroclor 1242	UG/KG	18 UJ	18 U	20 UJ	20 U	19 U	18 U
Aroclor 1248	UG/KG	18 UJ	18 U	20 UJ	20 U	19 U	18 U
Aroclor 1254	UG/KG	18 UJ	18 U	20 UJ	20 U	19 U	18 U
Aroclor 1260	UG/KG	18 UJ	18 U	20 UJ	20 U	19 U	18 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB07-01	1-S-SB07-04	1-S-SB07-07	1-S-SB08-01	1-S-SB08-04	1-S-SB08-07
Laboratory Sample ID:		940225-17	940259-10	940259-11	940280-02	940280-04	940280-05
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	490 J	6 U	6 U	30	6 U	6 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 UJ	6 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 UJ	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB07-01	1-S-SB07-04	1-S-SB07-07	1-S-SB08-01	1-S-SB08-04	1-S-SB08-07
Laboratory Sample ID:		940225-17	940259-10	940259-11	940280-02	940280-04	940280-05
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
bis(2-Chloroethyl) ether	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
2-Chlorophenol	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
1,3-Dichlorobenzene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
1,4-Dichlorobenzene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
1,2-Dichlorobenzene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
2-Methylphenol	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
2,2'-oxybis-(1-chloropropane)	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
4-Methylphenol	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
N-Nitroso-di-n-propylamine	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Hexachloroethane	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Nitrobenzene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Isophorone	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
2-Nitrophenol	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
2,4-Dimethylphenol	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
bis(2-Chloroethoxy) methane	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
2,4-Dichlorophenol	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
1,2,4-Trichlorobenzene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Naphthalene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
4-Chloroaniline	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Hexachlorobutadiene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
4-Chloro-3-methylphenol	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
2-Methylnaphthalene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Hexachlorocyclopentadiene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
2,4,6-Trichlorophenol	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
2,4,5-Trichlorophenol	UG/KG	430 U	475 U	460 U	465 U	475 U	410 U
2-Chloronaphthalene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
2-Nitroaniline	UG/KG	430 U	475 U	460 U	465 U	475 U	410 U
Dimethyl phthalate	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Acenaphthylene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
2,6-Dinitrotoluene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
3-Nitroaniline	UG/KG	430 U	475 U	460 U	465 U	475 U	410 U
Acenaphthene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB07-01	1-S-SB07-04	1-S-SB07-07	1-S-SB08-01	1-S-SB08-04	1-S-SB08-07
Laboratory Sample ID:		940225-17	940259-10	940259-11	940280-02	940280-04	940280-05
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	430 U	475 U	460 U	465 U	475 U	410 U
4-Nitrophenol	UG/KG	430 U	475 UJ	460 UJ	465 U	475 U	410 U
Dibenzofuran	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
2,4-Dinitrotoluene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Diethylphthalate	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
4-Chlorophenyl phenyl ether	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Fluorene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
4-Nitroaniline	UG/KG	430 U	475 U	460 U	465 UJ	475 UJ	410 UJ
4,6-Dinitro-2-methylphenol	UG/KG	430 U	475 U	460 U	465 U	475 U	410 U
N-nitrosodiphenylamine	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
4-Bromophenyl-phenylether	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Hexachlorobenzene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Pentachlorophenol	UG/KG	430 U	475 U	460 U	465 U	475 U	410 U
Phenanthrene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Anthracene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Carbazole	UG/KG	180 U	195 U	190 U	190 UJ	195 UJ	170 UJ
di-n-Butylphthalate	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Fluoranthene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Pyrene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Butyl benzyl phthalate	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
3,3'-Dichlorobenzidine	UG/KG	180 U	195 U	190 U	190 UJ	195 UJ	170 UJ
Benzo[a]anthracene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
Chrysene	UG/KG	180 U	195 U	190 U	190 U	195 U	170 U
bis(2-Ethylhexyl)phthalate	UG/KG	69 J	460	190 U	710	390	92 J
di-n-Octylphthalate	UG/KG	180 U	195 U	190 U	190 U	195 UJ	195 UJ
Benzo[b]fluoranthene	UG/KG	180 U	195 U	190 U	190 U	195 UJ	195 UJ
Benzo[k]fluoranthene	UG/KG	180 U	195 U	190 U	190 U	195 UJ	195 UJ
Benzo[a]pyrene	UG/KG	180 U	195 U	190 U	190 U	195 UJ	195 UJ
Indeno[1,2,3-cd]pyrene	UG/KG	180 U	195 U	190 U	190 U	195 UJ	195 UJ
Dibenz[a,h]anthracene	UG/KG	180 U	195 U	190 U	190 U	195 UJ	195 UJ
Benzo[g,h,i]perylene	UG/KG	180 U	195 U	190 U	190 U	195 UJ	195 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB07-01	1-S-SB07-04	1-S-SB07-07	1-S-SB08-01	1-S-SB08-04	1-S-SB08-07
Laboratory Sample ID:		940225-17	940259-10	940259-11	940280-02	940280-04	940280-05
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
PESTICIDE/PCBs	UNITS						
alpha-BHC	UG/KG	0.9 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	0.85 UJ
beta-BHC	UG/KG	0.9 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	0.85 UJ
delta-BHC	UG/KG	0.9 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	0.85 UJ
Lindane (gamma-BHC)	UG/KG	0.9 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	0.85 UJ
Heptachlor	UG/KG	0.9 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	0.85 UJ
Aldrin	UG/KG	0.9 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	0.85 UJ
Heptachlor epoxide	UG/KG	0.9 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	0.85 UJ
Endosulfan I	UG/KG	0.9 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	0.85 UJ
Dieldrin	UG/KG	1.8 UJ	2.0 UJ	1.9 U	1.9 UJ	2.0 UJ	1.7 UJ
4,4'-DDE	UG/KG	1.8 UJ	2.0 UJ	1.9 U	1.9 UJ	2.0 UJ	1.7 UJ
Endrin	UG/KG	1.8 UJ	2.0 UJ	1.9 U	1.9 UJ	2.0 UJ	1.7 UJ
Endosulfan II	UG/KG	1.8 UJ	2.0 UJ	1.9 U	1.9 UJ	2.0 UJ	1.7 UJ
4,4'-DDD	UG/KG	1.8 UJ	2.0 UJ	1.9 U	1.9 UJ	2.0 UJ	1.7 UJ
Endosulfan sulfate	UG/KG	1.8 UJ	2.0 UJ	1.9 U	1.9 UJ	2.0 UJ	1.7 UJ
4,4'-DDT	UG/KG	1.8 UJ	2.0 UJ	1.9 U	1.6 J	2.0 UJ	1.7 UJ
Methoxychlor	UG/KG	9 UJ	10 UJ	10 U	10 UJ	10 UJ	8.5 UJ
Endrin ketone	UG/KG	1.8 UJ	2.0 UJ	1.9 U	1.9 UJ	2.0 UJ	1.7 UJ
Endrin aldehyde	UG/KG	1.8 UJ	2.0 UJ	1.9 U	1.9 UJ	2.0 UJ	1.7 UJ
alpha-Chlordane	UG/KG	0.9 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	0.85 UJ
gamma-Chlordane	UG/KG	0.9 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	0.85 UJ
Toxaphene	UG/KG	90 UJ	100 UJ	100 U	100 UJ	100 UJ	85 UJ
Aroclor 1016	UG/KG	18 UJ	20 UJ	19 U	19 UJ	20 UJ	17 UJ
Aroclor 1221	UG/KG	36 UJ	40 UJ	39 U	39 UJ	40 UJ	34.5 UJ
Aroclor 1232	UG/KG	18 UJ	20 UJ	19 U	19 UJ	17 UJ	19.5 UJ
Aroclor 1242	UG/KG	18 UJ	20 UJ	19 U	19 UJ	17 UJ	19.5 UJ
Aroclor 1248	UG/KG	18 UJ	20 UJ	19 U	19 UJ	17 UJ	19.5 UJ
Aroclor 1254	UG/KG	18 UJ	20 UJ	19 U	19 UJ	17 UJ	19.5 UJ
Aroclor 1260	UG/KG	18 UJ	20 UJ	19 U	19 UJ	17 UJ	19.5 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB09-01	1-S-SB09-04	1-S-SB09-07	1-S-SB10-01	1-S-SB10-04	1-S-SB10-08
Laboratory Sample ID:		940280-07	940280-08	940280-09	940261-02	940259-12	940259-13
Date Sampled:		4/5/94	4/5/94	4/5/94	3/29/94	3/29/94	3/29/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	57	6 U	6 U	6 U	6 U	6 UJ
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 UJ
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 UJ
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB09-01	1-S-SB09-04	1-S-SB09-07	1-S-SB10-01	1-S-SB10-04	1-S-SB10-08
Laboratory Sample ID:		940280-07	940280-08	940280-09	940261-02	940259-12	940259-13
Date Sampled:		4/5/94	4/5/94	4/5/94	3/29/94	3/29/94	3/29/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
bis(2-Chloroethyl) ether	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
2-Chlorophenol	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
1,3-Dichlorobenzene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
1,4-Dichlorobenzene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
1,2-Dichlorobenzene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
2-Methylphenol	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
2,2'-oxybis-(1-chloropropane)	UG/KG	190 U	195 U	190 U	185 UJ	180 U	215 U
4-Methylphenol	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
N-Nitroso-di-n-propylamine	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Hexachloroethane	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Nitrobenzene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Isophorone	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
2-Nitrophenol	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
2,4-Dimethylphenol	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
bis(2-Chloroethoxy) methane	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
2,4-Dichlorophenol	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
1,2,4-Trichlorobenzene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Naphthalene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
4-Chloroaniline	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Hexachlorobutadiene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
4-Chloro-3-methylphenol	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
2-Methylnaphthalene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Hexachlorocyclopentadiene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
2,4,6-Trichlorophenol	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
2,4,5-Trichlorophenol	UG/KG	455 U	470 U	460 U	445 U	440 U	550 U
2-Chloronaphthalene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
2-Nitroaniline	UG/KG	455 U	470 U	460 U	445 U	440 U	550 U
Dimethyl phthalate	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Acenaphthylene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
2,6-Dinitrotoluene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
3-Nitroaniline	UG/KG	455 U	470 U	460 U	445 U	440 U	550 U
Acenaphthene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB09-01	1-S-SB09-04	1-S-SB09-07	1-S-SB10-01	1-S-SB10-04	1-S-SB10-08
Laboratory Sample ID:		940280-07	940280-08	940280-09	940261-02	940259-12	940259-13
Date Sampled:		4/5/94	4/5/94	4/5/94	3/29/94	3/29/94	3/29/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	455 U	470 U	460 U	445 U	440 U	550 U
4-Nitrophenol	UG/KG	455 U	470 U	460 U	445 U	440 UJ	550 U
Dibenzofuran	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
2,4-Dinitrotoluene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Diethylphthalate	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
4-Chlorophenyl phenyl ether	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Fluorene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
4-Nitroaniline	UG/KG	455 UJ	470 UJ	460 UJ	445 U	440 U	550 U
4,6-Dinitro-2-methylphenol	UG/KG	455 U	470 U	460 U	445 U	440 U	550 U
N-nitrosodiphenylamine	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
4-Bromophenyl-phenylether	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Hexachlorobenzene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Pentachlorophenol	UG/KG	455 U	470 U	460 U	445 U	440 U	550 U
Phenanthrene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Anthracene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Carbazole	UG/KG	190 UJ	195 UJ	190 UJ	185 U	180 U	215 U
di-n-Butylphthalate	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Fluoranthene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Pyrene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Butyl benzyl phthalate	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
3,3'-Dichlorobenzidine	UG/KG	190 UJ	195 UJ	190 UJ	185 UJ	180 U	215 U
Benzo[a]anthracene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Chrysene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
bis(2-Ethylhexyl)phthalate	UG/KG	160 J	530	2000	2100	180 U	215 U
di-n-Octylphthalate	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Benzo[b]fluoranthene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Benzo[k]fluoranthene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Benzo[a]pyrene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Indeno[1,2,3-cd]pyrene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Dibenz[a,h]anthracene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U
Benzo[g,h,i]perylene	UG/KG	190 U	195 U	190 U	185 U	180 U	215 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB09-01	1-S-SB09-04	1-S-SB09-07	1-S-SB10-01	1-S-SB10-04	1-S-SB10-08
Laboratory Sample ID:		940280-07	940280-08	940280-09	940261-02	940259-12	940259-13
Date Sampled:		4/5/94	4/5/94	4/5/94	3/29/94	3/29/94	3/29/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	0.9 UJ	1.0 UJ	1.1 UJ
beta-BHC	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	0.9 UJ	1.0 UJ	1.1 UJ
delta-BHC	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	0.9 UJ	1.0 UJ	1.1 UJ
Lindane (gamma-BHC)	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	0.9 UJ	1.0 UJ	1.1 UJ
Heptachlor	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	0.9 UJ	1.0 UJ	1.1 UJ
Aldrin	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	0.9 UJ	1.0 UJ	1.1 UJ
Heptachlor epoxide	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	0.9 UJ	1.0 UJ	1.1 UJ
Endosulfan I	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	0.9 UJ	1.0 UJ	1.1 UJ
Dieldrin	UG/KG	1.9 UJ	2.0 UJ	1.9 UJ	1.7 UJ	1.8 UJ	2.2 UJ
4,4'-DDE	UG/KG	1.9 UJ	2.0 UJ	1.9 UJ	1.7 UJ	1.8 UJ	2.2 UJ
Endrin	UG/KG	1.9 UJ	2.0 UJ	1.9 UJ	1.7 UJ	1.8 UJ	2.2 UJ
Endosulfan II	UG/KG	1.9 UJ	2.0 UJ	1.9 UJ	1.7 UJ	1.8 UJ	2.2 UJ
4,4'-DDD	UG/KG	1.9 UJ	2.0 UJ	1.9 UJ	1.7 UJ	1.8 UJ	2.2 UJ
Endosulfan sulfate	UG/KG	1.9 UJ	2.0 UJ	1.9 UJ	1.7 UJ	1.8 UJ	2.2 UJ
4,4'-DDT	UG/KG	1.9 UJ	2.0 UJ	1.9 UJ	1.7 UJ	1.8 UJ	2.2 UJ
Methoxychlor	UG/KG	10 UJ	10 UJ	10 UJ	9 UJ	10 UJ	11 UJ
Endrin ketone	UG/KG	1.9 UJ	2.0 UJ	1.9 UJ	1.7 UJ	1.8 UJ	2.2 UJ
Endrin aldehyde	UG/KG	1.9 UJ	2.0 UJ	1.9 UJ	1.7 UJ	1.8 UJ	2.2 UJ
alpha-Chlordane	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	0.9 UJ	1.0 UJ	1.1 UJ
gamma-Chlordane	UG/KG	1.0 UJ	1.0 UJ	1.0 UJ	0.9 UJ	1.0 UJ	1.1 UJ
Toxaphene	UG/KG	95 UJ	100 UJ	100 UJ	85 UJ	95 UJ	110 UJ
Aroclor 1016	UG/KG	19 UJ	20 UJ	19 UJ	17 UJ	18 UJ	22 UJ
Aroclor 1221	UG/KG	38 UJ	40 UJ	39 UJ	34 UJ	37 UJ	44 UJ
Aroclor 1232	UG/KG	19 UJ	20 UJ	19 UJ	17 UJ	18 UJ	22 UJ
Aroclor 1242	UG/KG	19 UJ	20 UJ	19 UJ	17 UJ	18 UJ	22 UJ
Aroclor 1248	UG/KG	19 UJ	20 UJ	19 UJ	17 UJ	18 UJ	22 UJ
Aroclor 1254	UG/KG	19 UJ	20 UJ	19 UJ	17 UJ	18 UJ	22 UJ
Aroclor 1260	UG/KG	19 UJ	20 UJ	19 UJ	17 UJ	18 UJ	22 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB11-01	1-S-SB11-03	1-S-SB11-06	1-S-SB12-01	1-S-SB12-04	1-S-SB12-07
Laboratory Sample ID:		940225-18	940259-14	940259-15	940280-10	940280-11	940280-12
Date Sampled:		3/30/94	3/30/94	3/30/94	4/6/94	4/6/94	4/6/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	5 UJ	6 UJ	6 UJ	6 U	6 U	6 U
Carbon Disulfide	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	5 UJ	6 UJ	6 UJ	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	5 UJ	6 UJ	6 UJ	6 U	6 U	6 U
Tetrachloroethene	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	5 U	6 U	27	6 U	6 U	6 U
Toluene	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	5 U	6 U	6 U	6 U	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB11-01	1-S-SB11-03	1-S-SB11-06	1-S-SB12-01	1-S-SB12-04	1-S-SB12-07
Laboratory Sample ID:		940225-18	940259-14	940259-15	940280-10	940280-11	940280-12
Date Sampled:		3/30/94	3/30/94	3/30/94	4/6/94	4/6/94	4/6/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
bis(2-Chloroethyl) ether	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
2-Chlorophenol	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
1,3-Dichlorobenzene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
1,4-Dichlorobenzene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
1,2-Dichlorobenzene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
2-Methylphenol	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
2,2'-oxybis-(1-chloropropane)	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
4-Methylphenol	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
N-Nitroso-di-n-propylamine	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Hexachloroethane	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Nitrobenzene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Isophorone	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
2-Nitrophenol	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
2,4-Dimethylphenol	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
bis(2-Chloroethoxy) methane	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
2,4-Dichlorophenol	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
1,2,4-Trichlorobenzene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Naphthalene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
4-Chloroaniline	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Hexachlorobutadiene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
4-Chloro-3-methylphenol	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
2-Methylnaphthalene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Hexachlorocyclopentadiene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
2,4,6-Trichlorophenol	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
2,4,5-Trichlorophenol	UG/KG	415 U	445 U	475 U	460 U	450 U	495 U
2-Chloronaphthalene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
2-Nitroaniline	UG/KG	415 U	445 U	475 U	460 U	450 U	495 U
Dimethyl phthalate	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Acenaphthylene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
2,6-Dinitrotoluene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
3-Nitroaniline	UG/KG	415 U	445 U	475 U	460 U	450 U	495 U
Acenaphthene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB11-01	1-S-SB11-03	1-S-SB11-06	1-S-SB12-01	1-S-SB12-04	1-S-SB12-07
Laboratory Sample ID:		940225-18	940259-14	940259-15	940280-10	940280-11	940280-12
Date Sampled:		3/30/94	3/30/94	3/30/94	4/6/94	4/6/94	4/6/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	415 U	445 U	475 U	460 U	450 U	495 U
4-Nitrophenol	UG/KG	415 U	445 UJ	475 UJ	460 U	450 U	495 U
Dibenzofuran	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
2,4-Dinitrotoluene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Diethylphthalate	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
4-Chlorophenyl phenyl ether	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Fluorene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
4-Nitroaniline	UG/KG	415 U	445 U	475 U	460 UJ	450 UJ	495 UJ
4,6-Dinitro-2-methylphenol	UG/KG	415 U	445 U	475 U	460 U	450 U	495 U
N-nitrosodiphenylamine	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
4-Bromophenyl-phenylether	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Hexachlorobenzene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Pentachlorophenol	UG/KG	415 U	490 U	475 U	460 U	450 U	495 U
Phenanthrene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Anthracene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Carbazole	UG/KG	170 U	185 U	195 U	190 UJ	185 UJ	205 UJ
di-n-Butylphthalate	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Fluoranthene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Pyrene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Butyl benzyl phthalate	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
3,3'-Dichlorobenzidine	UG/KG	170 U	185 U	195 U	190 UJ	185 UJ	205 UJ
Benzo[a]anthracene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Chrysene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
bis(2-Ethylhexyl)phthalate	UG/KG	44 J	185 U	195 U	66 J	185 U	205 U
di-n-Octylphthalate	UG/KG	170 U	185 U		190 U	185 U	205 U
Benzo[b]fluoranthene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Benzo[k]fluoranthene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Benzo[a]pyrene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Indeno[1,2,3-cd]pyrene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Dibenz[a,h]anthracene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U
Benzo[g,h,i]perylene	UG/KG	170 U	185 U	195 U	190 U	185 U	205 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB11-01	1-S-SB11-03	1-S-SB11-06	1-S-SB12-01	1-S-SB12-04	1-S-SB12-07
Laboratory Sample ID:		940225-18	940259-14	940259-15	940280-10	940280-11	940280-12
Date Sampled:		3/30/94	3/30/94	3/30/94	4/6/94	4/6/94	4/6/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.2 UJ
beta-BHC	UG/KG	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.2 UJ
delta-BHC	UG/KG	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.2 UJ
Lindane (gamma-BHC)	UG/KG	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.2 UJ
Heptachlor	UG/KG	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.2 UJ
Aldrin	UG/KG	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.2 UJ
Heptachlor epoxide	UG/KG	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.2 UJ
Endosulfan I	UG/KG	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.2 UJ
Dieldrin	UG/KG	1.7 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.3 UJ
4,4'-DDE	UG/KG	1.7 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.3 UJ
Endrin	UG/KG	1.7 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.3 UJ
Endosulfan II	UG/KG	1.7 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.3 UJ
4,4'-DDD	UG/KG	1.7 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.3 UJ
Endosulfan sulfate	UG/KG	1.7 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.3 UJ
4,4'-DDT	UG/KG	1.7 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.3 UJ
Methoxychlor	UG/KG	9 UJ	10 UJ	10 UJ	10 UJ	10 UJ	12 UJ
Endrin ketone	UG/KG	1.7 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.3 UJ
Endrin aldehyde	UG/KG	1.7 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ	2.3 UJ
alpha-Chlordane	UG/KG	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.2 UJ
gamma-Chlordane	UG/KG	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.2 UJ
Toxaphene	UG/KG	90 UJ	95 UJ	100 UJ	95 UJ	95 UJ	120 UJ
Aroclor 1016	UG/KG	17 UJ	19 UJ	20 UJ	19 UJ	19 UJ	23 UJ
Aroclor 1221	UG/KG	35 UJ	37 UJ	40 UJ	39 UJ	38 UJ	47 UJ
Aroclor 1232	UG/KG	17 UJ	19 UJ	20 UJ	19 UJ	19 UJ	23 UJ
Aroclor 1242	UG/KG	17 UJ	19 UJ	20 UJ	19 UJ	19 UJ	23 UJ
Aroclor 1248	UG/KG	17 UJ	19 UJ	20 UJ	19 UJ	19 UJ	23 UJ
Aroclor 1254	UG/KG	17 UJ	19 UJ	20 UJ	19 UJ	19 UJ	23 UJ
Aroclor 1260	UG/KG	17 UJ	19 UJ	20 UJ	19 UJ	19 UJ	23 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB13-01	1-S-SB13-04	1-S-SB13-07	1-S-SB14-01	1-S-SB14-03	1-S-SB14-06
Laboratory Sample ID:		940280-13	940280-14	940280-15	940280-16	940280-18	940280-19
Date Sampled:		4/6/94	4/6/94	4/6/94	4/6/94	4/6/94	4/6/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Carbon Disulfide	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	5 U	6 U	6 U	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB13-01	1-S-SB13-04	1-S-SB13-07	1-S-SB14-01	1-S-SB14-03	1-S-SB14-06
Laboratory Sample ID:		940280-13	940280-14	940280-15	940280-16	940280-18	940280-19
Date Sampled:		4/6/94	4/6/94	4/6/94	4/6/94	4/6/94	4/6/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
bis(2-Chloroethyl) ether	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
2-Chlorophenol	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
1,3-Dichlorobenzene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
1,4-Dichlorobenzene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
1,2-Dichlorobenzene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
2-Methylphenol	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
2,2'-oxybis-(1-chloropropane)	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
4-Methylphenol	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
N-Nitroso-di-n-propylamine	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Hexachloroethane	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Nitrobenzene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Isophorone	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
2-Nitrophenol	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
2,4-Dimethylphenol	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
bis(2-Chloroethoxy) methane	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
2,4-Dichlorophenol	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
1,2,4-Trichlorobenzene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Naphthalene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
4-Chloroaniline	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Hexachlorobutadiene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
4-Chloro-3-methylphenol	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
2-Methylnaphthalene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Hexachlorocyclopentadiene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
2,4,6-Trichlorophenol	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
2,4,5-Trichlorophenol	UG/KG	445 U	420 U	475 U	445 U	460 U	465 U
2-Chloronaphthalene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
2-Nitroaniline	UG/KG	445 U	420 U	475 U	445 U	460 U	465 U
Dimethyl phthalate	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Acenaphthylene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
2,6-Dinitrotoluene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
3-Nitroaniline	UG/KG	445 U	420 U	475 U	445 U	460 U	465 U
Acenaphthene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB13-01	1-S-SB13-04	1-S-SB13-07	1-S-SB14-01	1-S-SB14-03	1-S-SB14-06
Laboratory Sample ID:		940280-13	940280-14	940280-15	940280-16	940280-18	940280-19
Date Sampled:		4/6/94	4/6/94	4/6/94	4/6/94	4/6/94	4/6/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	445 U	420 U	475 U	445 U	460 U	465 U
4-Nitrophenol	UG/KG	445 U	420 U	475 U	445 U	460 U	465 U
Dibenzofuran	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
2,4-Dinitrotoluene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Diethylphthalate	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
4-Chlorophenyl phenyl ether	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Fluorene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
4-Nitroaniline	UG/KG	445 UJ	420 U	475 UJ	445 UJ	460 U	465 U
4,6-Dinitro-2-methylphenol	UG/KG	445 U	420 U	475 U	445 U	460 U	465 U
N-nitrosodiphenylamine	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
4-Bromophenyl-phenylether	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Hexachlorobenzene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Pentachlorophenol	UG/KG	445 U	420 U	475 U	445 U	460 U	465 U
Phenanthrene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Anthracene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Carbazole	UG/KG	185 UJ	175 U	195 UJ	185 UJ	190 U	190 U
di-n-Butylphthalate	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Fluoranthene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Pyrene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Butyl benzyl phthalate	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
3,3'-Dichlorobenzidine	UG/KG	185 UJ	175 U	195 UJ	185 UJ	190 U	190 U
Benzo[a]anthracene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Chrysene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
bis(2-Ethylhexyl)phthalate	UG/KG	360 J	120 J	100 J	49 J	190 U	190 U
di-n-Octylphthalate	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Benzo[b]fluoranthene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Benzo[k]fluoranthene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Benzo[a]pyrene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Indeno[1,2,3-cd]pyrene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Dibenz[a,h]anthracene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U
Benzo[g,h,i]perylene	UG/KG	185 U	175 U	195 U	185 U	190 U	190 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB13-01	1-S-SB13-04	1-S-SB13-07	1-S-SB14-01	1-S-SB14-03	1-S-SB14-06
Laboratory Sample ID:		940280-13	940280-14	940280-15	940280-16	940280-18	940280-19
Date Sampled:		4/6/94	4/6/94	4/6/94	4/6/94	4/6/94	4/6/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
beta-BHC	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
delta-BHC	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
Lindane (gamma-BHC)	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
Heptachlor	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
Aldrin	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
Heptachlor epoxide	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
Endosulfan I	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
Dieldrin	UG/KG	1.9 UJ	1.7 UJ	2.0 UJ	1.9 UJ	1.9 UJ	1.9 U
4,4'-DDE	UG/KG	1.9 UJ	1.7 UJ	2.0 UJ	1.9 UJ	1.9 UJ	1.9 U
Endrin	UG/KG	1.9 UJ	1.7 UJ	2.0 UJ	1.9 UJ	1.9 UJ	1.9 U
Endosulfan II	UG/KG	1.9 UJ	1.7 UJ	2.0 UJ	1.9 UJ	1.9 UJ	1.9 U
4,4'-DDD	UG/KG	1.9 UJ	1.7 UJ	2.0 UJ	1.9 UJ	1.9 UJ	1.9 U
Endosulfan sulfate	UG/KG	1.9 UJ	1.7 UJ	2.0 UJ	1.9 UJ	1.9 UJ	1.9 U
4,4'-DDT	UG/KG	1.9 UJ	1.7 UJ	2.0 UJ	1.9 UJ	1.9 UJ	1.9 U
Methoxychlor	UG/KG	10 UJ	9 UJ	10 UJ	10 UJ	10 UJ	10 U
Endrin ketone	UG/KG	1.9 UJ	1.7 UJ	2.0 UJ	1.9 UJ	1.9 UJ	1.9 U
Endrin aldehyde	UG/KG	1.9 UJ	1.7 UJ	2.0 UJ	1.9 UJ	1.9 UJ	1.9 U
alpha-Chlordane	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
gamma-Chlordane	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
Toxaphene	UG/KG	95 UJ	90 UJ	100 UJ	95 UJ	100 UJ	100 U
Aroclor 1016	UG/KG	19 UJ	17 UJ	20 UJ	19 UJ	19 UJ	19 U
Aroclor 1221	UG/KG	38 UJ	35 UJ	40 UJ	37 UJ	39 UJ	39 U
Aroclor 1232	UG/KG	19 UJ	17 UJ	20 UJ	19 UJ	19 UJ	19 U
Aroclor 1242	UG/KG	19 UJ	17 UJ	20 UJ	19 UJ	19 UJ	19 U
Aroclor 1248	UG/KG	19 UJ	17 UJ	20 UJ	19 UJ	19 UJ	19 U
Aroclor 1254	UG/KG	19 UJ	17 UJ	20 UJ	19 UJ	19 UJ	19 U
Aroclor 1260	UG/KG	19 UJ	17 UJ	20 UJ	19 UJ	19 UJ	19 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB15-01	1-S-SB15-04	1-S-SB15-06	1-S-SB16-01	1-S-SB16-04	1-S-SB16-07
Laboratory Sample ID:		940272-04	940271-05	940271-06	940272-05	940271-07	940271-08
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	4/5/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	6 U	6 U	11	6 U	6 U	21 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB15-01	1-S-SB15-04	1-S-SB15-06	1-S-SB16-01	1-S-SB16-04	1-S-SB16-07
Laboratory Sample ID:		940272-04	940271-05	940271-06	940272-05	940271-07	940271-08
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	195 UJ	185 U		195 U	175 U	180 U
bis(2-Chloroethyl) ether	UG/KG	195 UJ	185 U		195 U	175 U	180 U
2-Chlorophenol	UG/KG	195 UJ	185 U		195 U	175 U	180 U
1,3-Dichlorobenzene	UG/KG	195 UJ	185 U		195 U	175 U	180 U
1,4-Dichlorobenzene	UG/KG	195 UJ	185 U		195 U	175 U	180 U
1,2-Dichlorobenzene	UG/KG	195 UJ	185 U		195 U	175 U	180 U
2-Methylphenol	UG/KG	195 UJ	185 U		195 U	175 U	180 U
2,2'-oxybis-(1-chloropropane)	UG/KG	195 UJ	185 U		195 U	175 U	180 U
4-Methylphenol	UG/KG	195 UJ	185 U		195 U	175 U	180 U
N-Nitroso-di-n-propylamine	UG/KG	195 UJ	185 U		195 U	175 U	180 U
Hexachloroethane	UG/KG	195 UJ	185 U		195 U	175 U	180 U
Nitrobenzene	UG/KG	195 UJ	185 U		195 U	175 U	180 U
Isophorone	UG/KG	195 UJ	185 U		195 U	175 U	180 U
2-Nitrophenol	UG/KG	195 UJ	185 U		195 U	175 U	180 U
2,4-Dimethylphenol	UG/KG	195 UJ	185 U		195 U	175 U	180 U
bis(2-Chloroethoxy) methane	UG/KG	195 UJ	185 U		195 U	175 U	180 U
2,4-Dichlorophenol	UG/KG	195 UJ	185 U		195 U	175 U	180 U
1,2,4-Trichlorobenzene	UG/KG	195 UJ	185 U		195 U	175 U	180 U
Naphthalene	UG/KG	195 UJ	185 U		195 U	175 U	180 U
4-Chloroaniline	UG/KG	195 UJ	185 U		195 U	175 U	180 U
Hexachlorobutadiene	UG/KG	195 UJ	185 U		195 U	175 U	180 U
4-Chloro-3-methylphenol	UG/KG	195 UJ	185 U		195 U	175 U	180 U
2-Methylnaphthalene	UG/KG	195 UJ	185 U		195 U	175 U	180 U
Hexachlorocyclopentadiene	UG/KG	195 UJ	185 U		195 U	175 U	180 U
2,4,6-Trichlorophenol	UG/KG	195 UJ	185 U		195 U	175 U	180 U
2,4,5-Trichlorophenol	UG/KG	475 UJ	445 U		475 U	425 U	435 U
2-Chloronaphthalene	UG/KG	195 UJ	185 U		195 U	175 U	180 U
2-Nitroaniline	UG/KG	475 UJ	445 U		475 U	425 U	435 U
Dimethyl phthalate	UG/KG	195 UJ	185 U		195 U	175 U	180 U
Acenaphthylene	UG/KG	195 UJ	185 U		195 U	175 U	180 U
2,6-Dinitrotoluene	UG/KG	195 UJ	185 U		195 U	175 U	180 U
3-Nitroaniline	UG/KG	475 UJ	445 U		475 U	425 U	435 U
Acenaphthene	UG/KG	195 UJ	185 U		195 U	175 U	180 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB15-01	1-S-SB15-04	1-S-SB15-06	1-S-SB16-01	1-S-SB16-04	1-S-SB16-07
Laboratory Sample ID:		940272-04	940271-05	940271-06	940272-05	940271-07	940271-08
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	475 UJ	445 U	475 U	425 U	435 U	
4-Nitrophenol	UG/KG	475 UJ	445 U	475 U	425 U	435 U	
Dibenzofuran	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
2,4-Dinitrotoluene	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Diethylphthalate	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
4-Chlorophenyl phenyl ether	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Fluorene	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
4-Nitroaniline	UG/KG	475 UJ	445 U	475 U	425 U	435 U	
4,6-Dinitro-2-methylphenol	UG/KG	475 UJ	445 U	475 U	425 U	435 U	
N-nitrosodiphenylamine	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
4-Bromophenyl-phenylether	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Hexachlorobenzene	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Pentachlorophenol	UG/KG	475 UJ	445 U	475 U	425 U	435 U	
Phenanthrene	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Anthracene	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Carbazole	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
di-n-Butylphthalate	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Fluoranthene	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Pyrene	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Butyl benzyl phthalate	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
3,3'-Dichlorobenzidine	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Benzo[a]anthracene	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Chrysene	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
bis(2-Ethylhexyl)phthalate	UG/KG	195 UJ	185 U	580	175 U	180 U	
di-n-Octylphthalate	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Benzo[b]fluoranthene	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Benzo[k]fluoranthene	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Benzo[a]pyrene	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Indeno[1,2,3-cd]pyrene	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Dibenz[a,h]anthracene	UG/KG	195 UJ	185 U	195 U	175 U	180 U	
Benzo[g,h,i]perylene	UG/KG	195 UJ	185 U	195 U	175 U	180 U	

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB15-01	1-S-SB15-04	1-S-SB15-06	1-S-SB16-01	1-S-SB16-04	1-S-SB16-07
Laboratory Sample ID:		940272-04	940271-05	940271-06	940272-05	940271-07	940271-08
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	4/5/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.0 UJ	1.0 UJ	0.9 U	1.0 U	0.9 UJ	0.9 UJ
beta-BHC	UG/KG	1.0 UJ	1.0 UJ	0.9 U	1.0 U	0.9 UJ	0.9 UJ
delta-BHC	UG/KG	1.0 UJ	1.0 UJ	0.9 U	1.0 U	0.9 UJ	0.9 UJ
Lindane (gamma-BHC)	UG/KG	1.0 UJ	1.0 UJ	0.9 U	1.0 U	0.9 UJ	0.9 UJ
Heptachlor	UG/KG	1.0 UJ	1.0 UJ	0.9 U	1.0 U	0.9 UJ	0.9 UJ
Aldrin	UG/KG	1.0 UJ	1.0 UJ	0.9 U	1.0 U	0.9 UJ	0.9 UJ
Heptachlor epoxide	UG/KG	1.0 UJ	1.0 UJ	0.9 U	1.0 U	0.9 UJ	0.9 UJ
Endosulfan I	UG/KG	1.0 UJ	1.0 UJ	0.9 U	1.0 U	0.9 UJ	0.9 UJ
Dieldrin	UG/KG	1.95 UJ	1.9 UJ	1.8 U	1.95 U	1.8 UJ	1.8 UJ
4,4'-DDE	UG/KG	1.95 UJ	1.9 UJ	1.8 U	1.95 U	1.8 UJ	1.8 UJ
Endrin	UG/KG	1.95 UJ	1.9 UJ	1.8 U	1.95 U	1.8 UJ	1.8 UJ
Endosulfan II	UG/KG	1.95 UJ	1.9 UJ	1.8 U	1.95 U	1.8 UJ	1.8 UJ
4,4'-DDD	UG/KG	1.95 UJ	1.9 UJ	1.8 U	1.95 U	1.8 UJ	1.8 UJ
Endosulfan sulfate	UG/KG	1.95 UJ	1.9 UJ	1.8 U	1.95 U	1.8 UJ	1.8 UJ
4,4'-DDT	UG/KG	1.95 UJ	1.9 UJ	1.8 U	1.95 U	1.8 UJ	1.8 UJ
Methoxychlor	UG/KG	10 UJ	10 UJ	9 U	10 U	9 UJ	9 UJ
Endrin ketone	UG/KG	1.95 UJ	1.9 UJ	1.8 U	1.95 U	1.8 UJ	1.8 UJ
Endrin aldehyde	UG/KG	1.95 UJ	1.9 UJ	1.8 U	1.95 U	1.8 UJ	1.8 UJ
alpha-Chlordane	UG/KG	1.0 UJ	1.0 UJ	0.9 U	1.0 U	0.9 UJ	0.9 UJ
gamma-Chlordane	UG/KG	1.0 UJ	1.0 UJ	0.9 U	1.0 U	0.9 UJ	0.9 UJ
Toxaphene	UG/KG	100 UJ	95 UJ	90 U	100 U	90 UJ	90 UJ
Aroclor 1016	UG/KG	20 UJ	19 UJ	18 U	20 U	18 UJ	18 UJ
Aroclor 1221	UG/KG	40 UJ	38 UJ	35 U	40 U	36 UJ	37 UJ
Aroclor 1232	UG/KG	20 UJ	19 UJ	18 U	20 U	18 UJ	18 UJ
Aroclor 1242	UG/KG	20 UJ	19 UJ	18 U	20 U	18 UJ	18 UJ
Aroclor 1248	UG/KG	20 UJ	19 UJ	18 U	20 U	18 UJ	18 UJ
Aroclor 1254	UG/KG	20 UJ	19 UJ	18 U	20 U	18 UJ	18 UJ
Aroclor 1260	UG/KG	20 UJ	19 UJ	18 U	20 U	18 UJ	18 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB17-01	1-S-SB17-03	1-S-SB17-06	1-S-SB18-01	1-S-SB18-04	1-S-SB18-07
Laboratory Sample ID:		940225-19	940225-20	940225-21	940280-21	940280-22	940280-23
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	3 J
Acetone	UG/KG	6 UJ	6 UJ	6 U	6 U	6 U	9 J
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 UJ	6 UJ	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 UJ	6 UJ	6 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB17-01	1-S-SB17-03	1-S-SB17-06	1-S-SB18-01	1-S-SB18-04	1-S-SB18-07
Laboratory Sample ID:		940225-19	940225-20	940225-21	940280-21	940280-22	940280-23
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
bis(2-Chloroethyl) ether	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
2-Chlorophenol	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
1,3-Dichlorobenzene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
1,4-Dichlorobenzene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
1,2-Dichlorobenzene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
2-Methylphenol	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
2,2'-oxybis-(1-chloropropane)	UG/KG	175 U	175 U	180 U	215 UJ	190 UJ	195 U
4-Methylphenol	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
N-Nitroso-di-n-propylamine	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Hexachloroethane	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Nitrobenzene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Isophorone	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
2-Nitrophenol	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
2,4-Dimethylphenol	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
bis(2-Chloroethoxy) methane	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
2,4-Dichlorophenol	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
1,2,4-Trichlorobenzene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Naphthalene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
4-Chloroaniline	UG/KG	175 UJ	175 U	180 UJ	215 U	190 U	195 U
Hexachlorobutadiene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
4-Chloro-3-methylphenol	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
2-Methylnaphthalene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Hexachlorocyclopentadiene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
2,4,6-Trichlorophenol	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
2,4,5-Trichlorophenol	UG/KG	420 U	430 U	440 U	500 U	465 U	475 U
2-Chloronaphthalene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
2-Nitroaniline	UG/KG	420 U	430 U	440 U	500 U	465 U	475 U
Dimethyl phthalate	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Acenaphthylene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
2,6-Dinitrotoluene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
3-Nitroaniline	UG/KG	420 U	430 U	440 U	500 U	465 U	475 U
Acenaphthene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB17-01	1-S-SB17-03	1-S-SB17-06	1-S-SB18-01	1-S-SB18-04	1-S-SB18-07
Laboratory Sample ID:		940225-19	940225-20	940225-21	940280-21	940280-22	940280-23
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	420 U	430 U	440 U	500 U	465 U	475 U
4-Nitrophenol	UG/KG	420 U	430 U	440 U	500 U	465 U	475 U
Dibenzofuran	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
2,4-Dinitrotoluene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Diethylphthalate	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
4-Chlorophenyl phenyl ether	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Fluorene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
4-Nitroaniline	UG/KG	420 U	430 U	440 U	500 U	465 U	475 U
4,6-Dinitro-2-methylphenol	UG/KG	420 U	430 U	440 U	500 U	465 U	475 U
N-nitrosodiphenylamine	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
4-Bromophenyl-phenylether	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Hexachlorobenzene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Pentachlorophenol	UG/KG	420 U	430 U	440 U	500 U	465 U	475 U
Phenanthrene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Anthracene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Carbazole	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
di-n-Butylphthalate	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Fluoranthene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Pyrene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Butyl benzyl phthalate	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
3,3'-Dichlorobenzidine	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Benzo[a]anthracene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Chrysene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
bis(2-Ethylhexyl)phthalate	UG/KG	350	100 J	180 U	215 U	190 U	195 U
di-n-Octylphthalate	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Benzo[b]fluoranthene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Benzo[k]fluoranthene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Benzo[a]pyrene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Indeno[1,2,3-cd]pyrene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Dibenz[a,h]anthracene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U
Benzo[g,h,i]perylene	UG/KG	175 U	175 U	180 U	215 U	190 U	195 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-S-SB17-01	1-S-SB17-03	1-S-SB17-06	1-S-SB18-01	1-S-SB18-04	1-S-SB18-07
Laboratory Sample ID:		940225-19	940225-20	940225-21	940280-21	940280-22	940280-23
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	0.9 UJ	0.9 UJ	1.0 UJ	1.1 U	1.0 U	1.0 UJ
beta-BHC	UG/KG	0.9 UJ	0.9 UJ	1.0 UJ	1.1 U	1.0 U	1.0 UJ
delta-BHC	UG/KG	0.9 UJ	0.9 UJ	1.0 UJ	1.1 U	1.0 U	1.0 UJ
Lindane (gamma-BHC)	UG/KG	0.9 UJ	0.9 UJ	1.0 UJ	1.1 U	1.0 U	1.0 UJ
Heptachlor	UG/KG	0.9 UJ	0.9 UJ	1.0 UJ	1.1 U	1.0 U	1.0 UJ
Aldrin	UG/KG	0.9 UJ	0.9 UJ	1.0 UJ	1.1 U	1.0 U	1.0 UJ
Heptachlor epoxide	UG/KG	0.9 UJ	0.9 UJ	1.0 UJ	1.1 U	1.0 U	1.0 UJ
Endosulfan I	UG/KG	0.9 UJ	0.9 UJ	1.0 UJ	1.1 U	1.0 U	1.0 UJ
Dieldrin	UG/KG	1.8 UJ	1.8 UJ	1.8 UJ	2.2 U	1.9 U	2.0 UJ
4,4'-DDE	UG/KG	1.8 UJ	1.8 UJ	1.8 UJ	2.2 U	1.9 U	2.0 UJ
Endrin	UG/KG	1.8 UJ	1.8 UJ	1.8 UJ	2.2 U	1.9 U	2.0 UJ
Endosulfan II	UG/KG	1.8 UJ	1.8 UJ	1.8 UJ	2.2 U	1.9 U	2.0 UJ
4,4'-DDD	UG/KG	1.8 UJ	1.8 UJ	1.8 UJ	2.2 U	1.9 U	2.0 UJ
Endosulfan sulfate	UG/KG	1.8 UJ	1.8 UJ	1.8 UJ	2.2 U	1.9 U	2.0 UJ
4,4'-DDT	UG/KG	1.8 UJ	1.8 UJ	1.8 UJ	2.2 U	1.9 U	2.0 UJ
Methoxychlor	UG/KG	9 UJ	9 UJ	10 UJ	11 U	10 U	10 UJ
Endrin ketone	UG/KG	1.8 UJ	1.8 UJ	1.8 UJ	2.2 U	1.9 U	2.0 UJ
Endrin aldehyde	UG/KG	1.8 UJ	1.8 UJ	1.8 UJ	2.2 U	1.9 U	2.0 UJ
alpha-Chlordane	UG/KG	0.9 UJ	0.9 UJ	1.0 UJ	1.1 U	1.0 U	1.0 UJ
gamma-Chlordane	UG/KG	0.9 UJ	0.9 UJ	1.0 UJ	1.1 U	1.0 U	1.0 UJ
Toxaphene	UG/KG	90 UJ	90 UJ	95 UJ	110 U	100 U	100 UJ
Aroclor 1016	UG/KG	18 UJ	18 UJ	18 UJ	22 U	19 U	20 UJ
Aroclor 1221	UG/KG	35 UJ	36 UJ	37 UJ	44 U	39 U	40 UJ
Aroclor 1232	UG/KG	18 UJ	18 UJ	18 UJ	22 U	19 U	20 UJ
Aroclor 1242	UG/KG	18 UJ	18 UJ	18 UJ	22 U	19 U	20 UJ
Aroclor 1248	UG/KG	18 UJ	18 UJ	18 UJ	22 U	19 U	20 UJ
Aroclor 1254	UG/KG	18 UJ	18 UJ	18 UJ	22 U	19 U	20 UJ
Aroclor 1260	UG/KG	18 UJ	18 UJ	18 UJ	22 U	19 U	20 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-04	1-N-SB20-05	1-N-SB21-01	1-N-SB21-04	1-N-SB21-07	1-N-SB22-01
Laboratory Sample ID:		940251-01	940260-02	940260-03	940260-04	940260-05	940272-10
Date Sampled:		3/28/94	3/29/94	3/29/94	3/29/94	3/29/94	4/5/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	6 U	6 U	6 UJ	6 U	6 U	35 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 U	6 U	6 UJ	6 UJ	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 U	6 U	6 UJ	6 UJ	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-04	1-N-SB20-05	1-N-SB21-01	1-N-SB21-04	1-N-SB21-07	1-N-SB22-01
Laboratory Sample ID:		940251-01	940260-02	940260-03	940260-04	940260-05	940272-10
Date Sampled:		3/28/94	3/29/94	3/29/94	3/29/94	3/29/94	4/5/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
bis(2-Chloroethyl) ether	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
2-Chlorophenol	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
1,3-Dichlorobenzene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
1,4-Dichlorobenzene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
1,2-Dichlorobenzene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
2-Methylphenol	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
2,2'-oxybis-(1-chloropropane)	UG/KG	205 UJ	195 U	200 U	180 U	200 U	195 U
4-Methylphenol	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
N-Nitroso-di-n-propylamine	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Hexachloroethane	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Nitrobenzene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Isophorone	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
2-Nitrophenol	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
2,4-Dimethylphenol	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
bis(2-Chloroethoxy) methane	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
2,4-Dichlorophenol	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
1,2,4-Trichlorobenzene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Naphthalene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
4-Chloroaniline	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Hexachlorobutadiene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
4-Chloro-3-methylphenol	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
2-Methylnaphthalene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Hexachlorocyclopentadiene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
2,4,6-Trichlorophenol	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
2,4,5-Trichlorophenol	UG/KG	495 U	470 U	485 U	440 U	490 U	470 U
2-Chloronaphthalene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
2-Nitroaniline	UG/KG	495 U	470 U	485 U	440 U	490 U	470 U
Dimethyl phthalate	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Acenaphthylene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
2,6-Dinitrotoluene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
3-Nitroaniline	UG/KG	495 U	470 U	485 U	440 U	490 U	470 U
Acenaphthene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-04	1-N-SB20-05	1-N-SB21-01	1-N-SB21-04	1-N-SB21-07	1-N-SB22-01
Laboratory Sample ID:		940251-01	940260-02	940260-03	940260-04	940260-05	940272-10
Date Sampled:		3/28/94	3/29/94	3/29/94	3/29/94	3/29/94	4/5/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	495 U	470 U	485 U	440 U	490 U	470 U
4-Nitrophenol	UG/KG	495 U	470 U	485 U	440 U	490 U	470 U
Dibenzofuran	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
2,4-Dinitrotoluene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Diethylphthalate	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
4-Chlorophenyl phenyl ether	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Fluorene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
4-Nitroaniline	UG/KG	495 U	470 U	485 U	440 U	490 U	470 U
4,6-Dinitro-2-methylphenol	UG/KG	495 U	470 U	485 U	440 U	490 U	470 U
N-nitrosodiphenylamine	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
4-Bromophenyl-phenylether	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Hexachlorobenzene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Pentachlorophenol	UG/KG	495 U	470 U	485 U	440 U	490 U	470 U
Phenanthrene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Anthracene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Carbazole	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
di-n-Butylphthalate	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Fluoranthene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Pyrene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Butyl benzyl phthalate	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
3,3'-Dichlorobenzidine	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Benzo[a]anthracene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Chrysene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
bis(2-Ethylhexyl)phthalate	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
di-n-Octylphthalate	UG/KG	205 U		200 U	180 U		195 U
Benzo[b]fluoranthene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Benzo[k]fluoranthene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Benzo[a]pyrene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Indeno[1,2,3-cd]pyrene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Dibenz[a,h]anthracene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U
Benzo[g,h,i]perylene	UG/KG	205 U	195 U	200 U	180 U	200 U	195 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB19-04	1-N-SB20-05	1-N-SB21-01	1-N-SB21-04	1-N-SB21-07	1-N-SB22-01
Laboratory Sample ID:		940251-01	940260-02	940260-03	940260-04	940260-05	940272-10
Date Sampled:		3/28/94	3/29/94	3/29/94	3/29/94	3/29/94	4/5/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.1 U	1.0 U	1.1 UJ	1.0 U	1.1 U	1.0 UJ
beta-BHC	UG/KG	1.1 U	1.0 U	1.1 UJ	1.0 U	1.1 U	1.0 UJ
delta-BHC	UG/KG	1.1 U	1.0 U	1.1 UJ	1.0 U	1.1 U	1.0 UJ
Lindane (gamma-BHC)	UG/KG	1.1 U	1.0 U	1.1 UJ	1.0 U	1.1 U	1.0 UJ
Heptachlor	UG/KG	1.1 U	1.0 U	1.1 UJ	1.0 U	1.1 U	1.0 UJ
Aldrin	UG/KG	1.1 U	1.0 U	1.1 UJ	1.0 U	1.1 U	1.0 UJ
Heptachlor epoxide	UG/KG	1.1 U	1.0 U	1.1 UJ	1.0 U	1.1 U	1.0 UJ
Endosulfan I	UG/KG	1.1 U	1.0 U	1.1 UJ	1.0 U	1.1 U	1.0 UJ
Dieldrin	UG/KG	2.1 U	1.9 U	2.0 UJ	1.8 U	2.0 U	1.95 UJ
4,4'-DDE	UG/KG	2.1 U	1.9 U	2.0 UJ	1.8 U	2.0 U	1.95 UJ
Endrin	UG/KG	2.1 U	1.9 U	2.0 UJ	1.8 U	2.0 U	1.95 UJ
Endosulfan II	UG/KG	2.1 U	1.9 U	2.0 UJ	1.8 U	2.0 U	1.95 UJ
4,4'-DDD	UG/KG	2.1 U	1.9 U	2.0 UJ	1.8 U	2.0 U	2.2 J
Endosulfan sulfate	UG/KG	2.1 U	1.9 U	2.0 UJ	1.8 U	2.0 U	1.95 UJ
4,4'-DDT	UG/KG	2.1 U	1.9 U	2.0 UJ	1.8 U	2.0 U	12 J
Methoxychlor	UG/KG	11 U	10 U	11 UJ	10 U	11 U	10 UJ
Endrin ketone	UG/KG	2.1 U	1.9 U	2.0 UJ	1.8 U	2.0 U	1.95 UJ
Endrin aldehyde	UG/KG	2.1 U	1.9 U	2.0 UJ	1.8 U	2.0 U	1.95 UJ
alpha-Chlordane	UG/KG	1.1 U	1.0 U	1.1 UJ	1.0 U	1.1 U	1.0 UJ
gamma-Chlordane	UG/KG	1.1 U	1.0 U	1.1 UJ	1.0 U	1.1 U	1.0 UJ
Toxaphene	UG/KG	105 U	100 U	105 UJ	95 U	105 U	100 UJ
Aroclor 1016	UG/KG	21 U	20 UJ	20 UJ	18 U	20 U	20 UJ
Aroclor 1221	UG/KG	42 U	40 UJ	41 UJ	37 U	41 UJ	39 UJ
Aroclor 1232	UG/KG	21 U	20 UJ	20 UJ	18 U	20 UJ	20 UJ
Aroclor 1242	UG/KG	21 U	20 UJ	20 UJ	18 U	20 UJ	20 UJ
Aroclor 1248	UG/KG	21 U	20 UJ	20 UJ	18 U	20 UJ	20 UJ
Aroclor 1254	UG/KG	21 U	20 UJ	20 UJ	18 U	20 UJ	20 UJ
Aroclor 1260	UG/KG	21 U	20 UJ	20 UJ	18 U	20 UJ	20 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB22-06	1-N-SB22-08	1-N-SB23-01	1-N-SB23-05	1-N-SB23-08	1-N-SB24-01
Laboratory Sample ID:		940279-01	940279-03	940272-12	940272-13	940272-14	940260-06
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	3/29/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	9 J	330	23 U	21 U	6 U	6 U
Carbon Disulfide	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	5.5 U	27 U	6 U	6 U	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB22-06	1-N-SB22-08	1-N-SB23-01	1-N-SB23-05	1-N-SB23-08	1-N-SB24-01
Laboratory Sample ID:		940279-01	940279-03	940272-12	940272-13	940272-14	940260-06
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	3/29/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
bis(2-Chloroethyl) ether	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
2-Chlorophenol	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
1,3-Dichlorobenzene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
1,4-Dichlorobenzene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
1,2-Dichlorobenzene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
2-Methylphenol	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
2,2'-oxybis-(1-chloropropane)	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
4-Methylphenol	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
N-Nitroso-di-n-propylamine	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Hexachloroethane	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Nitrobenzene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Isophorone	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
2-Nitrophenol	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
2,4-Dimethylphenol	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
bis(2-Chloroethoxy) methane	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
2,4-Dichlorophenol	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
1,2,4-Trichlorobenzene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Naphthalene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
4-Chloroaniline	UG/KG	180 UJ	175 UJ	185 U	195 U	195 U	185 UJ
Hexachlorobutadiene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
4-Chloro-3-methylphenol	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
2-Methylnaphthalene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Hexachlorocyclopentadiene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
2,4,6-Trichlorophenol	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
2,4,5-Trichlorophenol	UG/KG	440 U	425 U	445 U	475 U	470 U	445 UJ
2-Chloronaphthalene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
2-Nitroaniline	UG/KG	440 U	425 U	445 U	475 U	470 U	445 UJ
Dimethyl phthalate	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Acenaphthylene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
2,6-Dinitrotoluene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
3-Nitroaniline	UG/KG	440 U	425 U	445 U	475 U	490 U	445 UJ
Acenaphthene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB22-06	1-N-SB22-08	1-N-SB23-01	1-N-SB23-05	1-N-SB23-08	1-N-SB24-01
Laboratory Sample ID:		940279-01	940279-03	940272-12	940272-13	940272-14	940260-06
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	3/29/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	440 U	425 U	445 U	475 U	470 U	445 UJ
4-Nitrophenol	UG/KG	440 U	425 U	445 U	475 U	470 U	445 UJ
Dibenzofuran	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
2,4-Dinitrotoluene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Diethylphthalate	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
4-Chlorophenyl phenyl ether	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Fluorene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
4-Nitroaniline	UG/KG	440 UJ	425 UJ	445 U	475 U	470 U	445 UJ
4,6-Dinitro-2-methylphenol	UG/KG	440 U	425 U	445 U	475 U	470 U	445 UJ
N-nitrosodiphenylamine	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
4-Bromophenyl-phenylether	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Hexachlorobenzene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Pentachlorophenol	UG/KG	440 U	425 U	445 U	475 U	470 U	445 UJ
Phenanthrene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Anthracene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Carbazole	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
di-n-Butylphthalate	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Fluoranthene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Pyrene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Butyl benzyl phthalate	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
3,3'-Dichlorobenzidine	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Benzo[a]anthracene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Chrysene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
di-n-Octylphthalate	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Benzo[b]fluoranthene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Benzo[k]fluoranthene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Benzo[a]pyrene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Indeno[1,2,3-cd]pyrene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Dibenz[a,h]anthracene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ
Benzo[g,h,i]perylene	UG/KG	180 U	175 U	185 U	195 U	195 U	185 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB22-06	1-N-SB22-08	1-N-SB23-01	1-N-SB23-05	1-N-SB23-08	1-N-SB24-01
Laboratory Sample ID:		940279-01	940279-03	940272-12	940272-13	940272-14	940260-06
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	3/29/94
PESTICIDE/PCBs	UNITS						
alpha-BHC	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	0.95 U
beta-BHC	UG/KG	1.0 UJ	0.9 U	1.0 UJ	1.0 UJ	1.0 UJ	0.95 U
delta-BHC	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	0.95 U
Lindane (gamma-BHC)	UG/KG	1.0 UJ	0.9 UJ	1.0 UJ	1.0 UJ	1.0 UJ	0.95 U
Heptachlor	UG/KG	1.0 UJ	0.9 U	1.0 UJ	1.0 UJ	1.0 UJ	0.95 U
Aldrin	UG/KG	1.0 UJ	0.9 U	1.0 UJ	1.0 UJ	1.0 UJ	0.95 U
Heptachlor epoxide	UG/KG	1.0 UJ	0.9 U	1.0 UJ	1.0 UJ	1.0 UJ	0.95 U
Endosulfan I	UG/KG	1.0 UJ	0.9 U	1.0 UJ	1.0 UJ	1.0 UJ	0.95 U
Dieldrin	UG/KG	1.8 UJ	1.8 U	1.9 UJ	1.95 UJ	2.0 UJ	1.85 U
4,4'-DDE	UG/KG	1.8 UJ	1.8 U	1.9 UJ	1.95 UJ	2.0 UJ	1.85 U
Endrin	UG/KG	1.8 UJ	1.8 U	1.9 UJ	1.95 UJ	2.0 UJ	1.85 U
Endosulfan II	UG/KG	1.8 UJ	1.8 U	1.9 UJ	1.95 UJ	2.0 UJ	1.85 U
4,4'-DDD	UG/KG	1.8 UJ	1.8 U	1.9 UJ	1.95 UJ	2.0 UJ	1.85 U
Endosulfan sulfate	UG/KG	1.8 UJ	1.8 U	1.9 UJ	1.95 UJ	2.0 UJ	1.85 U
4,4'-DDT	UG/KG	1.8 UJ	1.8 U	1.9 UJ	1.95 UJ	2.0 UJ	1.85 U
Methoxychlor	UG/KG	10 UJ	9 U	9.5 UJ	10 UJ	10.0 UJ	9.5 U
Endrin ketone	UG/KG	1.8 UJ	1.8 U	1.9 UJ	1.95 UJ	2.0 UJ	1.85 U
Endrin aldehyde	UG/KG	1.8 UJ	1.8 U	1.9 UJ	1.95 UJ	2.0 UJ	1.85 U
alpha-Chlordane	UG/KG	1.0 UJ	0.9 U	1.0 UJ	1.0 UJ	1.0 UJ	0.95 U
gamma-Chlordane	UG/KG	1.0 UJ	0.9 U	1.0 UJ	1.0 UJ	1.0 UJ	0.95 U
Toxaphene	UG/KG	95 UJ	90 U	95 UJ	100 UJ	100 UJ	95 U
Aroclor 1016	UG/KG	18 UJ	18 U	19 UJ	20 UJ	20 UJ	18.5 U
Aroclor 1221	UG/KG	37 UJ	36 U	37 UJ	40 UJ	40 UJ	37 U
Aroclor 1232	UG/KG	18 UJ	18 U	19 UJ	20 UJ	20 UJ	18.5 U
Aroclor 1242	UG/KG	18 UJ	18 U	19 UJ	20 UJ	20 UJ	18.5 U
Aroclor 1248	UG/KG	18 UJ	18 U	19 UJ	20 UJ	20 UJ	18.5 U
Aroclor 1254	UG/KG	18 UJ	18 U	19 UJ	20 UJ	20 UJ	18.5 U
Aroclor 1260	UG/KG	18 UJ	18 U	19 UJ	20 UJ	20 UJ	18.5 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB24-04	1-N-SB24-07	1-N-SB25-01	1-N-SB25-06	1-N-SB26-01	1-N-SB26-04
Laboratory Sample ID:		940260-07	940260-08	940260-09	940259-01	940260-10	940260-12
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	6 U	6 U	6 U	6 UJ	6 U	6 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 UJ	6 U	6 U	6 UJ	6 U	6 UJ
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 UJ	6 U	6 U	6 UJ	6 U	6 UJ
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB24-04	1-N-SB24-07	1-N-SB25-01	1-N-SB25-06	1-N-SB26-01	1-N-SB26-04
Laboratory Sample ID:		940260-07	940260-08	940260-09	940259-01	940260-10	940260-12
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
bis(2-Chloroethyl) ether	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
2-Chlorophenol	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
1,3-Dichlorobenzene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
1,4-Dichlorobenzene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
1,2-Dichlorobenzene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
2-Methylphenol	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
2,2'-oxybis-(1-chloropropane)	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
4-Methylphenol	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
N-Nitroso-di-n-propylamine	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Hexachloroethane	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Nitrobenzene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Isophorone	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
2-Nitrophenol	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
2,4-Dimethylphenol	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
bis(2-Chloroethoxy) methane	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
2,4-Dichlorophenol	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
1,2,4-Trichlorobenzene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Naphthalene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
4-Chloroaniline	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Hexachlorobutadiene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
4-Chloro-3-methylphenol	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
2-Methylnaphthalene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Hexachlorocyclopentadiene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
2,4,6-Trichlorophenol	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
2,4,5-Trichlorophenol	UG/KG	465 UJ	470 U	435 U	490 U	440 U	1300 U
2-Chloronaphthalene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
2-Nitroaniline	UG/KG	465 UJ	470 U	435 U	490 U	440 U	1300 U
Dimethyl phthalate	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Acenaphthylene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
2,6-Dinitrotoluene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
3-Nitroaniline	UG/KG	465 UJ	470 U	435 U	490 U	440 U	1300 U
Acenaphthene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB24-04	1-N-SB24-07	1-N-SB25-01	1-N-SB25-06	1-N-SB26-01	1-N-SB26-04
Laboratory Sample ID:		940260-07	940260-08	940260-09	940259-01	940260-10	940260-12
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	465 UJ	470 U	435 U	490 U	440 U	1300 U
4-Nitrophenol	UG/KG	465 UJ	470 U	435 U	490 UJ	440 U	1300 U
Dibenzofuran	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
2,4-Dinitrotoluene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Diethylphthalate	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
4-Chlorophenyl phenyl ether	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Fluorene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
4-Nitroaniline	UG/KG	465 UJ	470 U	435 U	490 U	440 U	1300 U
4,6-Dinitro-2-methylphenol	UG/KG	465 UJ	470 U	435 U	490 U	440 U	1300 U
N-nitrosodiphenylamine	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
4-Bromophenyl-phenylether	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Hexachlorobenzene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Pentachlorophenol	UG/KG	465 UJ	470 U	435 U	490 U	440 U	1300 U
Phenanthrene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Anthracene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Carbazole	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
di-n-Butylphthalate	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Fluoranthene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Pyrene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Butyl benzyl phthalate	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
3,3'-Dichlorobenzidine	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Benzo[a]anthracene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Chrysene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
bis(2-Ethylhexyl)phthalate	UG/KG	900 J	195 U	860	205 U	180 U	8700
di-n-Octylphthalate	UG/KG	190 UJ		180 U	205 U	180 U	550 U
Benzo[b]fluoranthene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Benzo[k]fluoranthene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Benzo[a]pyrene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Indeno[1,2,3-cd]pyrene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Dibenz[a,h]anthracene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U
Benzo[g,h,i]perylene	UG/KG	190 UJ	195 U	180 U	205 U	180 U	550 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB24-04	1-N-SB24-07	1-N-SB25-01	1-N-SB25-06	1-N-SB26-01	1-N-SB26-04
Laboratory Sample ID:		940260-07	940260-08	940260-09	940259-01	940260-10	940260-12
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.1 U	4.7 U	0.9 U
beta-BHC	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.1 U	4.7 U	0.9 U
delta-BHC	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.1 U	4.7 U	0.9 U
Lindane (gamma-BHC)	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.1 U	4.7 U	0.9 U
Heptachlor	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.1 U	4.7 U	0.9 U
Aldrin	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.1 U	4.7 U	0.9 U
Heptachlor epoxide	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.1 U	4.7 U	0.9 U
Endosulfan I	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.1 U	4.7 U	0.9 U
Dieldrin	UG/KG	1.9 UJ	2.0 UJ	1.8 U	2.1 U	39 J	1.8 U
4,4'-DDE	UG/KG	1.9 UJ	2.0 UJ	1.8 U	2.1 U	120	1.8 U
Endrin	UG/KG	1.9 UJ	2.0 UJ	1.8 U	2.1 U	9 U	1.8 U
Endosulfan II	UG/KG	1.9 UJ	2.0 UJ	1.8 U	2.1 U	9 U	1.8 U
4,4'-DDD	UG/KG	1.9 UJ	2.0 UJ	1.8 U	2.1 U	28 J	1.8 U
Endosulfan sulfate	UG/KG	1.9 UJ	2.0 UJ	1.8 U	2.1 U	9 U	1.8 U
4,4'-DDT	UG/KG	1.9 UJ	2.0 UJ	1.8 U	2.1 U	18 J	1.8 U
Methoxychlor	UG/KG	10 UJ	10 UJ	10 U	11 U	47 U	9 U
Endrin ketone	UG/KG	1.9 UJ	2.0 UJ	1.8 U	2.1 U	9 U	1.8 U
Endrin aldehyde	UG/KG	1.9 UJ	2.0 UJ	1.8 U	2.1 U	9 U	1.8 U
alpha-Chlordane	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.1 U	4.2 NJ	0.9 U
gamma-Chlordane	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.1 U	2.9 NJ	0.9 U
Toxaphene	UG/KG	100 UJ	100 UJ	95 U	105 U	465 U	90 U
Aroclor 1016	UG/KG	19 U	20 UJ	18 U	21 U	90 U	18 U
Aroclor 1221	UG/KG	39 U	40 UJ	37 U	41 U	185 U	37 UJ
Aroclor 1232	UG/KG	19 U	20 UJ	18 U	21 U	90 U	18 UJ
Aroclor 1242	UG/KG	19 U	20 UJ	18 U	21 U	90 U	18 UJ
Aroclor 1248	UG/KG	19 U	20 UJ	18 U	21 U	90 U	18 UJ
Aroclor 1254	UG/KG	19 U	20 UJ	18 U	21 U	90 U	18 UJ
Aroclor 1260	UG/KG	19 U	20 UJ	18 U	21 U	90 U	18 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB27-01	1-N-SB27-05	1-N-SB28-01	1-N-SB28-04	1-N-SB29-02	1-N-SB30-03
Laboratory Sample ID:		940260-14	940259-02	940260-15	940260-16	940251-02	940251-03
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/28/94	3/29/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Acetone	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
2-Butanone	UG/KG	6 UJ	6 U	6 UJ	7 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
2-Hexanone	UG/KG	6 UJ	6 U	6 UJ	7 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	7 U	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB27-01	1-N-SB27-05	1-N-SB28-01	1-N-SB28-04	1-N-SB29-02	1-N-SB30-03
Laboratory Sample ID:		940260-14	940259-02	940260-15	940260-16	940251-02	940251-03
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/28/94	3/29/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
bis(2-Chloroethyl) ether	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
2-Chlorophenol	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
1,3-Dichlorobenzene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
1,4-Dichlorobenzene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
1,2-Dichlorobenzene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
2-Methylphenol	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
2,2'-oxybis-(1-chloropropane)	UG/KG	170 UJ	195 U	170 U	205 U	190 UJ	200 UJ
4-Methylphenol	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
N-Nitroso-di-n-propylamine	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Hexachloroethane	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Nitrobenzene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Isophorone	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
2-Nitrophenol	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
2,4-Dimethylphenol	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
bis(2-Chloroethoxy) methane	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
2,4-Dichlorophenol	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
1,2,4-Trichlorobenzene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Naphthalene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
4-Chloroaniline	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Hexachlorobutadiene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
4-Chloro-3-methylphenol	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
2-Methylnaphthalene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Hexachlorocyclopentadiene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
2,4,6-Trichlorophenol	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
2,4,5-Trichlorophenol	UG/KG	415 UJ	470 U	410 U	500 U	460 U	485 U
2-Chloronaphthalene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
2-Nitroaniline	UG/KG	415 UJ	470 U	410 U	500 U	460 U	485 U
Dimethyl phthalate	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Acenaphthylene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
2,6-Dinitrotoluene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
3-Nitroaniline	UG/KG	415 UJ	470 U	410 U	500 U	460 U	485 U
Acenaphthene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB27-01	1-N-SB27-05	1-N-SB28-01	1-N-SB28-04	1-N-SB29-02	1-N-SB30-03
Laboratory Sample ID:		940260-14	940259-02	940260-15	940260-16	940251-02	940251-03
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/28/94	3/29/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	415 UJ	470 U	410 U	500 U	460 U	485 U
4-Nitrophenol	UG/KG	415 UJ	470 UJ	410 U	500 U	460 U	485 U
Dibenzofuran	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
2,4-Dinitrotoluene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Diethylphthalate	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
4-Chlorophenyl phenyl ether	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Fluorene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
4-Nitroaniline	UG/KG	415 UJ	470 U	410 U	500 U	460 U	485 U
4,6-Dinitro-2-methylphenol	UG/KG	415 UJ	470 U	410 U	500 U	460 U	485 U
N-nitrosodiphenylamine	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
4-Bromophenyl-phenylether	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Hexachlorobenzene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Pentachlorophenol	UG/KG	415 UJ	470 U	410 U	500 U	460 U	485 U
Phenanthrene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Anthracene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Carbazole	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
di-n-Butylphthalate	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Fluoranthene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Pyrene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Butyl benzyl phthalate	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
3,3'-Dichlorobenzidine	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Benzo[a]anthracene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Chrysene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
bis(2-Ethylhexyl)phthalate	UG/KG	170 U	195 U	550	2700	190 U	200 U
di-n-Octylphthalate	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Benzo[b]fluoranthene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Benzo[k]fluoranthene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Benzo[a]pyrene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Indeno[1,2,3-cd]pyrene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Dibenz[a,h]anthracene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U
Benzo[g,h,i]perylene	UG/KG	170 UJ	195 U	170 U	205 U	190 U	200 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB27-01	1-N-SB27-05	1-N-SB28-01	1-N-SB28-04	1-N-SB29-02	1-N-SB30-03
Laboratory Sample ID:		940260-14	940259-02	940260-15	940260-16	940251-02	940251-03
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/28/94	3/29/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	0.9 U	1.0 UJ	0.9 U	1.1 U	1.0 U	1.1 U
beta-BHC	UG/KG	0.9 U	1.0 UJ	0.9 U	1.1 U	1.0 U	1.1 U
delta-BHC	UG/KG	0.9 U	1.0 UJ	0.9 U	1.1 U	1.0 U	1.1 U
Lindane (gamma-BHC)	UG/KG	0.9 U	1.0 UJ	0.9 U	1.1 U	1.0 U	1.1 U
Heptachlor	UG/KG	0.9 U	1.0 UJ	0.9 U	1.1 U	1.0 U	1.1 U
Aldrin	UG/KG	0.9 U	1.0 UJ	0.9 U	1.1 U	1.0 U	1.1 U
Heptachlor epoxide	UG/KG	0.9 U	1.0 UJ	0.9 U	1.1 U	1.0 U	1.1 U
Endosulfan I	UG/KG	0.9 U	1.0 UJ	0.9 U	1.1 U	1.0 U	1.1 U
Dieldrin	UG/KG	1.7 U	2.0 UJ	1.7 U	2.1 U	1.9 U	2.0 U
4,4'-DDE	UG/KG	1.7 U	2.0 UJ	1.7 U	2.1 U	1.9 U	2.0 U
Endrin	UG/KG	1.7 U	2.0 UJ	1.7 U	2.1 U	1.9 U	2.0 U
Endosulfan II	UG/KG	1.7 U	2.0 UJ	1.7 U	2.1 U	1.9 U	2.0 U
4,4'-DDD	UG/KG	1.7 U	2.0 UJ	1.7 U	2.1 U	1.9 U	2.0 U
Endosulfan sulfate	UG/KG	1.7 U	2.0 UJ	1.7 U	2.1 U	1.9 U	2.0 U
4,4'-DDT	UG/KG	2.8 U	2.0 UJ	1.7 U	2.1 U	1.9 U	2.0 U
Methoxychlor	UG/KG	9 U	10 UJ	9 U	11 U	10 U	11 U
Endrin ketone	UG/KG	1.7 U	2.0 UJ	1.7 U	2.1 U	1.9 U	2.0 U
Endrin aldehyde	UG/KG	1.7 U	2.0 UJ	1.7 U	2.1 U	1.9 U	2.0 U
alpha-Chlordane	UG/KG	0.9 U	1.0 UJ	0.9 U	1.1 U	1.0 U	1.1 U
gamma-Chlordane	UG/KG	0.9 U	1.0 UJ	0.9 U	1.1 U	1.0 U	1.1 U
Toxaphene	UG/KG	90 U	100 UJ	85 U	105 U	100 U	105 U
Aroclor 1016	UG/KG	17 U	20 UJ	17 U	21 U	19 U	20 U
Aroclor 1221	UG/KG	35 U	40 UJ	34 U	42 U	39 U	41 U
Aroclor 1232	UG/KG	17 U	20 UJ	17 U	21 U	19 U	20 U
Aroclor 1242	UG/KG	17 U	20 UJ	17 U	21 U	19 U	20 U
Aroclor 1248	UG/KG	17 U	20 UJ	17 U	21 U	19 U	20 U
Aroclor 1254	UG/KG	17 U	20 UJ	17 U	21 U	19 U	20 U
Aroclor 1260	UG/KG	17 U	20 UJ	17 U	21 U	19 U	20 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB31-01	1-N-SB31-04	1-N-SB32-01	1-N-SB32-04	1-N-SB32-07	1-N-SB33-01
Laboratory Sample ID:		940260-17	940259-03	940272-01	940271-01	940271-02	940320-05
Date Sampled:		3/29/94	3/29/94	4/5/94	4/5/94	4/5/94	4/18/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Bromomethane	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Chloroethane	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Methylene chloride	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Acetone	UG/KG	5 U	6 U	5 U	6 U	9 J	6 U
Carbon Disulfide	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Chloroform	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
2-Butanone	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Trichloroethene	UG/KG	5 U	6 U	5 U	6 U	3 J	6 U
Dibromochloromethane	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Benzene	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Bromoform	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
2-Hexanone	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Toluene	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Styrene	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	5 U	6 U	5 U	6 U	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB31-01	1-N-SB31-04	1-N-SB32-01	1-N-SB32-04	1-N-SB32-07	1-N-SB33-01
Laboratory Sample ID:		940260-17	940259-03	940272-01	940271-01	940271-02	940320-05
Date Sampled:		3/29/94	3/29/94	4/5/94	4/5/94	4/5/94	4/18/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	180 U	210 U	185 U			175 U
bis(2-Chloroethyl) ether	UG/KG	180 U	210 U	185 U			175 U
2-Chlorophenol	UG/KG	180 U	210 U	185 U			175 U
1,3-Dichlorobenzene	UG/KG	180 U	210 U	185 U			175 U
1,4-Dichlorobenzene	UG/KG	180 U	210 U	185 U			175 U
1,2-Dichlorobenzene	UG/KG	180 U	210 U	185 U			175 U
2-Methylphenol	UG/KG	180 U	210 U	185 U			175 U
2,2'-oxybis-(1-chloropropane)	UG/KG	180 U	210 U	185 U			175 U
4-Methylphenol	UG/KG	180 U	210 U	185 U			175 U
N-Nitroso-di-n-propylamine	UG/KG	180 U	210 U	185 U			175 U
Hexachloroethane	UG/KG	180 U	210 U	185 U			175 U
Nitrobenzene	UG/KG	180 U	210 U	185 U			175 U
Isophorone	UG/KG	180 U	210 U	185 U			175 U
2-Nitrophenol	UG/KG	180 U	210 U	185 U			175 U
2,4-Dimethylphenol	UG/KG	180 U	210 U	185 U			175 U
bis(2-Chloroethoxy) methane	UG/KG	180 U	210 U	185 U			175 U
2,4-Dichlorophenol	UG/KG	180 U	210 U	185 U			175 U
1,2,4-Trichlorobenzene	UG/KG	180 U	210 U	185 U			175 U
Naphthalene	UG/KG	180 U	210 U	185 U			175 U
4-Chloroaniline	UG/KG	180 U	210 U	185 U			175 U
Hexachlorobutadiene	UG/KG	180 U	210 U	185 U			175 U
4-Chloro-3-methylphenol	UG/KG	180 U	210 U	185 U			175 U
2-Methylnaphthalene	UG/KG	180 U	210 U	185 U			175 U
Hexachlorocyclopentadiene	UG/KG	180 U	210 U	185 U			175 U
2,4,6-Trichlorophenol	UG/KG	180 U	210 U	185 U			175 U
2,4,5-Trichlorophenol	UG/KG	430 U	500 U	445 U			420 U
2-Chloronaphthalene	UG/KG	180 U	210 U	185 U			175 U
2-Nitroaniline	UG/KG	430 U	500 U	445 U			420 U
Dimethyl phthalate	UG/KG	180 U	210 U	185 U			175 U
Acenaphthylene	UG/KG	180 U	210 U	185 U			175 U
2,6-Dinitrotoluene	UG/KG	180 U	210 U	185 U			175 U
3-Nitroaniline	UG/KG	430 U	500 U	445 U			420 U
Acenaphthene	UG/KG	180 U	210 U	185 U			175 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB31-01	1-N-SB31-04	1-N-SB32-01	1-N-SB32-04	1-N-SB32-07	1-N-SB33-01
Laboratory Sample ID:		940260-17	940259-03	940272-01	940271-01	940271-02	940320-05
Date Sampled:		3/29/94	3/29/94	4/5/94	4/5/94	4/5/94	4/18/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	430 U	500 U	445 U			420 U
4-Nitrophenol	UG/KG	430 U	500 UJ	445 U			420 U
Dibenzofuran	UG/KG	180 U	210 U	185 U			175 U
2,4-Dinitrotoluene	UG/KG	180 U	210 U	185 U			175 U
Diethylphthalate	UG/KG	180 U	210 U	185 U			175 U
4-Chlorophenyl phenyl ether	UG/KG	180 U	210 U	185 U			175 U
Fluorene	UG/KG	180 U	210 U	185 U			175 U
4-Nitroaniline	UG/KG	430 U	500 U	445 U			420 U
4,6-Dinitro-2-methylphenol	UG/KG	430 U	500 U	445 U			420 U
N-nitrosodiphenylamine	UG/KG	180 U	210 U	185 U			175 U
4-Bromophenyl-phenylether	UG/KG	180 U	210 U	185 U			175 U
Hexachlorobenzene	UG/KG	180 U	210 U	185 U			175 U
Pentachlorophenol	UG/KG	430 U	500 U	445 U			420 U
Phenanthrene	UG/KG	180 U	210 U	185 U			175 U
Anthracene	UG/KG	180 U	210 U	185 U			175 U
Carbazole	UG/KG	180 U	210 U	185 U			175 U
di-n-Butylphthalate	UG/KG	180 U	210 U	185 U			175 U
Fluoranthene	UG/KG	180 U	210 U	185 U			175 U
Pyrene	UG/KG	180 UJ	210 U	185 U			175 U
Butyl benzyl phthalate	UG/KG	180 UJ	210 U	185 U			175 U
3,3'-Dichlorobenzidine	UG/KG	180 UJ	210 U	185 U			175 U
Benzo[a]anthracene	UG/KG	180 UJ	210 U	185 U			175 U
Chrysene	UG/KG	180 UJ	210 U	185 U			175 U
bis(2-Ethylhexyl)phthalate	UG/KG	180 UJ	210 U	185 U			36 J
di-n-Octylphthalate	UG/KG	180 UJ	210 U	185 U			175 U
Benzo[b]fluoranthene	UG/KG	180 UJ	210 U	185 U			175 U
Benzo[k]fluoranthene	UG/KG	180 UJ	210 U	185 U			175 U
Benzo[a]pyrene	UG/KG	180 UJ	210 U	185 U			175 U
Indeno[1,2,3-cd]pyrene	UG/KG	180 UJ	210 U	185 U			175 U
Dibenz[a,h]anthracene	UG/KG	180 UJ	210 U	185 U			175 U
Benzo[g,h,i]perylene	UG/KG	180 UJ	210 U	185 U			175 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB31-01	1-N-SB31-04	1-N-SB32-01	1-N-SB32-04	1-N-SB32-07	1-N-SB33-01
Laboratory Sample ID:		940260-17	940259-03	940272-01	940271-01	940271-02	940320-05
Date Sampled:		3/29/94	3/29/94	4/5/94	4/5/94	4/5/94	4/18/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	0.9 U	1.1 UJ	1.0 U	1.0 U	1.0 UJ	0.9 U
beta-BHC	UG/KG	0.9 U	1.1 UJ	1.0 U	1.0 U	1.0 UJ	0.9 U
delta-BHC	UG/KG	0.9 U	1.1 UJ	1.0 U	1.0 U	1.0 UJ	0.9 U
Lindane (gamma-BHC)	UG/KG	0.9 U	1.1 UJ	1.0 U	1.0 U	1.0 UJ	0.9 U
Heptachlor	UG/KG	0.9 U	1.1 UJ	1.0 U	1.0 U	1.0 UJ	0.9 U
Aldrin	UG/KG	0.9 U	1.1 UJ	1.0 U	1.0 U	1.0 UJ	0.9 U
Heptachlor epoxide	UG/KG	0.9 U	1.1 UJ	1.0 U	1.0 U	1.0 UJ	0.9 U
Endosulfan I	UG/KG	0.9 U	1.1 UJ	1.0 U	1.0 U	1.0 UJ	0.9 U
Dieldrin	UG/KG	1.8 U	2.1 UJ	1.9 U	1.8 U	1.9 UJ	1.7 U
4,4'-DDE	UG/KG	1.8 U	2.1 UJ	1.9 U	1.8 U	1.9 UJ	1.7 U
Endrin	UG/KG	1.8 U	2.1 UJ	1.9 U	1.8 U	1.9 UJ	1.7 U
Endosulfan II	UG/KG	1.8 U	2.1 UJ	1.9 U	1.8 U	1.9 UJ	1.7 U
4,4'-DDD	UG/KG	1.8 U	2.1 UJ	1.9 U	1.8 U	1.9 UJ	1.7 U
Endosulfan sulfate	UG/KG	1.8 U	2.1 UJ	1.9 U	1.8 U	1.9 UJ	1.7 U
4,4'-DDT	UG/KG	1.8 U	2.1 UJ	1.9 U	1.8 U	1.9 UJ	1.7 U
Methoxychlor	UG/KG	9 U	11 UJ	9.5 U	10 U	10 UJ	9 U
Endrin ketone	UG/KG	1.8 U	2.1 UJ	1.9 U	1.8 U	1.9 UJ	1.7 U
Endrin aldehyde	UG/KG	1.8 U	2.1 UJ	1.9 U	1.8 U	1.9 UJ	1.7 U
alpha-Chlordane	UG/KG	0.9 U	1.1 UJ	1.0 U	1.0 U	1.0 UJ	0.9 U
gamma-Chlordane	UG/KG	0.9 U	1.1 UJ	1.0 U	1.0 U	1.0 UJ	0.9 U
Toxaphene	UG/KG	90 U	110 UJ	95 U	95 U	95 UJ	90 U
Aroclor 1016	UG/KG	18 U	21 UJ	19 U	18 U	19 UJ	17 U
Aroclor 1221	UG/KG	36 U	43 UJ	37 U	37 U	38 UJ	35 U
Aroclor 1232	UG/KG	18 U	21 UJ	19 U	18 U	19 UJ	17 U
Aroclor 1242	UG/KG	18 U	21 UJ	19 U	18 U	19 UJ	17 U
Aroclor 1248	UG/KG	18 U	21 UJ	19 U	18 U	19 UJ	17 U
Aroclor 1254	UG/KG	18 U	21 UJ	19 U	18 U	19 UJ	17 U
Aroclor 1260	UG/KG	18 U	21 UJ	19 U	18 U	19 UJ	17 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB33-04	1-N-SB33-07	1-N-SB34-01	1-N-SB34-03	1-N-SB34-07	1-N-SB35-01
Laboratory Sample ID:		940320-06	940320-07	940260-18	940260-19	940260-20	940260-21
Date Sampled:		4/18/94	4/18/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Bromomethane	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Vinyl chloride	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Chloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Methylene chloride	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Acetone	UG/KG	6 U	6 U	12	15	32	5 U
Carbon Disulfide	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
1,1-Dichloroethene	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
1,1-Dichloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Chloroform	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
1,2-Dichloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
2-Butanone	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Carbon tetrachloride	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Bromodichloromethane	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
1,2-Dichloropropane	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Trichloroethene	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Dibromochloromethane	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Benzene	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Bromoform	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
2-Hexanone	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Tetrachloroethene	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Toluene	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Chlorobenzene	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Ethylbenzene	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Styrene	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U
Xylenes (total)	UG/KG	6 U	6 U	5 U	6 U	6 U	5 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB33-04	1-N-SB33-07	1-N-SB34-01	1-N-SB34-03	1-N-SB34-07	1-N-SB35-01
Laboratory Sample ID:		940320-06	940320-07	940260-18	940260-19	940260-20	940260-21
Date Sampled:		4/18/94	4/18/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
bis(2-Chloroethyl) ether	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
2-Chlorophenol	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
1,3-Dichlorobenzene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
1,4-Dichlorobenzene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
1,2-Dichlorobenzene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
2-Methylphenol	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
2,2'-oxybis-(1-chloropropane)	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
4-Methylphenol	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
N-Nitroso-di-n-propylamine	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Hexachloroethane	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Nitrobenzene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Isophorone	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
2-Nitrophenol	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
2,4-Dimethylphenol	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
bis(2-Chloroethoxy) methane	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
2,4-Dichlorophenol	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
1,2,4-Trichlorobenzene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Naphthalene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
4-Chloroaniline	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Hexachlorobutadiene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
4-Chloro-3-methylphenol	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
2-Methylnaphthalene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Hexachlorocyclopentadiene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
2,4,6-Trichlorophenol	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
2,4,5-Trichlorophenol	UG/KG	455 U	415 U	420 U	460 U	450 U	445 U
2-Chloronaphthalene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
2-Nitroaniline	UG/KG	455 U	415 U	420 U	460 U	450 U	445 U
Dimethyl phthalate	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Acenaphthylene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
2,6-Dinitrotoluene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
3-Nitroaniline	UG/KG	455 U	415 U	420 U	460 U	450 U	445 U
Acenaphthene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB33-04	1-N-SB33-07	1-N-SB34-01	1-N-SB34-03	1-N-SB34-07	1-N-SB35-01
Laboratory Sample ID:		940320-06	940320-07	940260-18	940260-19	940260-20	940260-21
Date Sampled:		4/18/94	4/18/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	455 U	415 U	420 U	460 U	450 U	445 U
4-Nitrophenol	UG/KG	455 U	415 U	420 U	460 U	450 U	445 U
Dibenzofuran	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
2,4-Dinitrotoluene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Diethylphthalate	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
4-Chlorophenyl phenyl ether	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Fluorene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
4-Nitroaniline	UG/KG	455 U	415 U	420 U	460 U	450 U	445 U
4,6-Dinitro-2-methylphenol	UG/KG	455 U	415 U	420 U	460 U	450 U	445 U
N-nitrosodiphenylamine	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
4-Bromophenyl-phenylether	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Hexachlorobenzene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Pentachlorophenol	UG/KG	455 U	415 U	420 U	460 U	450 U	445 U
Phenanthrene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Anthracene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Carbazole	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
di-n-Butylphthalate	UG/KG	74 J	170 U	175 U	190 U	185 U	185 U
Fluoranthene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Pyrene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 UJ
Butyl benzyl phthalate	UG/KG	190 U	170 U	175 U	190 U	185 U	185 UJ
3,3'-Dichlorobenzidine	UG/KG	190 U	170 U	175 U	190 U	185 U	185 UJ
Benzo[a]anthracene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 UJ
Chrysene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	150 J	240 J	175 U	190 U	185 U	2200 J
di-n-Octylphthalate	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Benzo[b]fluoranthene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Benzo[k]fluoranthene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Benzo[a]pyrene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Indeno[1,2,3-cd]pyrene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Dibenz[a,h]anthracene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U
Benzo[g,h,i]perylene	UG/KG	190 U	170 U	175 U	190 U	185 U	185 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB33-04	1-N-SB33-07	1-N-SB34-01	1-N-SB34-03	1-N-SB34-07	1-N-SB35-01
Laboratory Sample ID:		940320-06	940320-07	940260-18	940260-19	940260-20	940260-21
Date Sampled:		4/18/94	4/18/94	3/29/94	3/29/94	3/29/94	3/29/94
PESTICIDE/PCBs	UNITS						
alpha-BHC	UG/KG	1.0 U	0.9 U	0.9 UJ	1.0 U	1.0 U	4.7 U
beta-BHC	UG/KG	1.0 U	0.9 U	0.9 UJ	1.0 U	1.0 U	4.7 U
delta-BHC	UG/KG	1.0 U	0.9 U	0.9 UJ	1.0 U	1.0 U	4.7 U
Lindane (gamma-BHC)	UG/KG	1.0 U	0.9 U	0.9 UJ	1.0 U	1.0 U	4.7 U
Heptachlor	UG/KG	1.0 U	0.9 U	0.9 UJ	1.0 U	1.0 U	4.7 U
Aldrin	UG/KG	1.0 U	0.9 U	0.9 UJ	1.0 U	1.0 U	4.7 U
Heptachlor epoxide	UG/KG	1.0 U	0.9 U	0.9 UJ	1.0 U	1.0 U	4.7 U
Endosulfan I	UG/KG	1.0 U	0.9 U	0.9 UJ	1.0 U	1.0 U	4.7 U
Dieldrin	UG/KG	1.9 U	1.7 U	1.7 UJ	1.9 U	1.9 U	9 U
4,4'-DDE	UG/KG	1.9 U	1.7 U	1.7 UJ	1.9 U	1.9 U	9 U
Endrin	UG/KG	1.9 U	1.7 U	1.7 UJ	1.9 U	1.9 U	9 U
Endosulfan II	UG/KG	1.9 U	1.7 U	1.7 UJ	1.9 U	1.9 U	55
4,4'-DDD	UG/KG	1.9 U	1.7 U	1.7 UJ	1.9 U	1.9 U	9 U
Endosulfan sulfate	UG/KG	1.9 U	1.7 U	1.7 UJ	1.9 U	1.9 U	9 U
4,4'-DDT	UG/KG	1.9 U	1.7 U	6.2 J	3.8	2.0 U	9 U
Methoxychlor	UG/KG	10 U	9 U	9 UJ	10 U	10 U	47 U
Endrin ketone	UG/KG	1.9 U	1.7 U	1.7 UJ	1.9 U	1.9 U	9 U
Endrin aldehyde	UG/KG	1.9 U	1.7 U	1.7 UJ	1.9 U	1.9 U	24 NJ
alpha-Chlordane	UG/KG	1.0 U	0.9 U	0.9 UJ	1.0 U	1.0 U	4.7 U
gamma-Chlordane	UG/KG	1.0 U	0.9 U	0.9 UJ	1.0 U	1.0 U	4.7 U
Toxaphene	UG/KG	95 U	90 U	90 UJ	95 U	95 U	470 U
Aroclor 1016	UG/KG	19 U	17 U	17 UJ	19 U	19 U	90 U
Aroclor 1221	UG/KG	38 U	35 U	35 UJ	39 U	38 U	185 U
Aroclor 1232	UG/KG	19 U	17 U	17 UJ	19 U	19 U	90 U
Aroclor 1242	UG/KG	19 U	17 U	17 UJ	19 U	19 U	90 U
Aroclor 1248	UG/KG	19 U	17 U	17 UJ	19 U	19 U	90 U
Aroclor 1254	UG/KG	19 U	17 U	17 UJ	19 U	19 U	90 U
Aroclor 1260	UG/KG	19 U	17 U	17 UJ	19 U	19 U	1300

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB35-06	1-N-SB36-01	1-N-SB36-06	1-N-SB37-01	1-N-SB37-02	1-GW07-03
Laboratory Sample ID:		940260-22	940225-12	940251-04	940260-23	940260-24	940289-27
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	4/12/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Acetone	UG/KG	30	6 UJ	6 U	5 U	10 U	6 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
2-Butanone	UG/KG	6 U	6 UJ	6 U	5 U	10 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
2-Hexanone	UG/KG	6 U	6 UJ	6 U	5 U	10 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	5 U	10 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U		10 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB35-06	1-N-SB36-01	1-N-SB36-06	1-N-SB37-01	1-N-SB37-02	1-GW07-03
Laboratory Sample ID:		940260-22	940225-12	940251-04	940260-23	940260-24	940289-27
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	4/12/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
bis(2-Chloroethyl) ether	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
2-Chlorophenol	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
1,3-Dichlorobenzene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
1,4-Dichlorobenzene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
1,2-Dichlorobenzene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
2-Methylphenol	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
2,2'-oxybis-(1-chloropropane)	UG/KG	195 UJ	180 UJ	195 UJ	195 UJ	195 U	195 U
4-Methylphenol	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
N-Nitroso-di-n-propylamine	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Hexachloroethane	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Nitrobenzene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Isophorone	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
2-Nitrophenol	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
2,4-Dimethylphenol	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
bis(2-Chloroethoxy) methane	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
2,4-Dichlorophenol	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
1,2,4-Trichlorobenzene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Naphthalene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
4-Chloroaniline	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Hexachlorobutadiene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
4-Chloro-3-methylphenol	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
2-Methylnaphthalene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Hexachlorocyclopentadiene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
2,4,6-Trichlorophenol	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
2,4,5-Trichlorophenol	UG/KG	470 U	435 U	475 U	470 U	470 U	470 U
2-Chloronaphthalene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
2-Nitroaniline	UG/KG	470 U	435 U	475 U	470 U	470 U	470 U
Dimethyl phthalate	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Acenaphthylene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
2,6-Dinitrotoluene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
3-Nitroaniline	UG/KG	470 U	435 U	475 U	470 U	470 U	470 U
Acenaphthene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB35-06	1-N-SB36-01	1-N-SB36-06	1-N-SB37-01	1-N-SB37-02	1-GW07-03
Laboratory Sample ID:		940260-22	940225-12	940251-04	940260-23	940260-24	940289-27
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	4/12/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	470 U	435 U	475 U	470 U	470 U	470 U
4-Nitrophenol	UG/KG	470 U	435 U	475 U	470 U	470 U	470 U
Dibenzofuran	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
2,4-Dinitrotoluene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Diethylphthalate	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
4-Chlorophenyl phenyl ether	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Fluorene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
4-Nitroaniline	UG/KG	470 U	435 U	475 U	470 U	470 U	470 U
4,6-Dinitro-2-methylphenol	UG/KG	470 U	435 U	475 U	470 U	470 U	470 U
N-nitrosodiphenylamine	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
4-Bromophenyl-phenylether	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Hexachlorobenzene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Pentachlorophenol	UG/KG	470 U	435 U	475 U	470 U	470 U	470 U
Phenanthrene	UG/KG	195 U	180 U	47 J	195 U	195 U	195 U
Anthracene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Carbazole	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
di-n-Butylphthalate	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Fluoranthene	UG/KG	195 U	180 U	110 J	195 U	195 U	195 U
Pyrene	UG/KG	195 U	180 U	86 J	195 U	195 U	195 U
Butyl benzyl phthalate	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
3,3'-Dichlorobenzidine	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Benzo[a]anthracene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Chrysene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
bis(2-Ethylhexyl)phthalate	UG/KG	195 U		195 U	195 U	195 U	49 J
di-n-Octylphthalate	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Benzo[b]fluoranthene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Benzo[k]fluoranthene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Benzo[a]pyrene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Indeno[1,2,3-cd]pyrene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Dibenz[a,h]anthracene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U
Benzo[g,h,i]perylene	UG/KG	195 U	180 U	195 U	195 U	195 U	195 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-N-SB35-06	1-N-SB36-01	1-N-SB36-06	1-N-SB37-01	1-N-SB37-02	1-GW07-03
Laboratory Sample ID:		940260-22	940225-12	940251-04	940260-23	940260-24	940289-27
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	4/12/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
beta-BHC	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
delta-BHC	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
Lindane (gamma-BHC)	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
Heptachlor	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
Aldrin	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
Heptachlor epoxide	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
Endosulfan I	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
Dieldrin	UG/KG	2.0 UJ	1.8 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
4,4'-DDE	UG/KG	2.0 UJ	1.8 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
Endrin	UG/KG	2.0 UJ	1.8 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
Endosulfan II	UG/KG	2.0 UJ	1.8 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
4,4'-DDD	UG/KG	2.0 UJ	1.8 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
Endosulfan sulfate	UG/KG	2.0 UJ	1.8 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
4,4'-DDT	UG/KG	2.0 UJ	1.8 UJ	2.0 U	2.0 UJ	5.5 J	2.0 UJ
Methoxychlor	UG/KG	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 UJ
Endrin ketone	UG/KG	2.0 UJ	1.8 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
Endrin aldehyde	UG/KG	2.0 UJ	1.8 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
alpha-Chlordane	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	9.2 NJ	1.0 UJ
gamma-Chlordane	UG/KG	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	2.5 NJ	1.0 UJ
Toxaphene	UG/KG	100 UJ	95 UJ	100 U	100 UJ	100 UJ	100 UJ
Aroclor 1016	UG/KG	20 UJ	18 UJ	20 U	20 UJ	20 UJ	20 UJ
Aroclor 1221	UG/KG	40 UJ	37 UJ	40 U	40 UJ	40 UJ	40 UJ
Aroclor 1232	UG/KG	20 UJ	18 UJ	20 U	20 UJ	20 UJ	20 UJ
Aroclor 1242	UG/KG	20 UJ	18 UJ	20 U	20 UJ	20 UJ	20 UJ
Aroclor 1248	UG/KG	20 UJ	18 UJ	20 U	20 UJ	20 UJ	20 UJ
Aroclor 1254	UG/KG	20 UJ	18 UJ	20 U	20 UJ	20 UJ	20 UJ
Aroclor 1260	UG/KG	20 UJ	18 UJ	20 U	20 UJ	20 UJ	20 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW07-06	1-GW08-03	1-GW08-06	1-GW09-03	1-GW10-03	1-GW10-06
Laboratory Sample ID:		940289-28	940302-02	940302-03	940289-10	940289-30	940289-31
Date Sampled:		4/12/94	4/12/94	4/12/94	4/10/94	4/11/94	4/11/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Acetone	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
2-Butanone	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
2-Hexanone	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	7 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW07-06	1-GW08-03	1-GW08-06	1-GW09-03	1-GW10-03	1-GW10-06
Laboratory Sample ID:		940289-28	940302-02	940302-03	940289-10	940289-30	940289-31
Date Sampled:		4/12/94	4/12/94	4/12/94	4/10/94	4/11/94	4/11/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
bis(2-Chloroethyl) ether	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
2-Chlorophenol	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
1,3-Dichlorobenzene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
1,4-Dichlorobenzene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
1,2-Dichlorobenzene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
2-Methylphenol	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
2,2'-oxybis-(1-chloropropane)	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
4-Methylphenol	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
N-Nitroso-di-n-propylamine	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Hexachloroethane	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Nitrobenzene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Isophorone	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
2-Nitrophenol	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
2,4-Dimethylphenol	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
bis(2-Chloroethoxy) methane	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
2,4-Dichlorophenol	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
1,2,4-Trichlorobenzene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Naphthalene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
4-Chloroaniline	UG/KG	195 U	185 UJ	195 UJ	190 U	205 U	215 U
Hexachlorobutadiene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
4-Chloro-3-methylphenol	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
2-Methylnaphthalene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Hexachlorocyclopentadiene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
2,4,6-Trichlorophenol	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
2,4,5-Trichlorophenol	UG/KG	470 U	450 U	475 U	460 U	500 U	550 U
2-Chloronaphthalene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
2-Nitroaniline	UG/KG	470 U	450 U	475 U	460 U	500 U	550 U
Dimethyl phthalate	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Acenaphthylene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
2,6-Dinitrotoluene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
3-Nitroaniline	UG/KG	470 U	450 UJ	475 UJ	460 U	500 U	550 U
Acenaphthene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW07-06	1-GW08-03	1-GW08-06	1-GW09-03	1-GW10-03	1-GW10-06
Laboratory Sample ID:		940289-28	940302-02	940302-03	940289-10	940289-30	940289-31
Date Sampled:		4/12/94	4/12/94	4/12/94	4/10/94	4/11/94	4/11/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	470 U	450 UJ	475 UJ	460 U	500 U	550 U
4-Nitrophenol	UG/KG	470 U	450 U	475 U	460 U	500 U	550 U
Dibenzofuran	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
2,4-Dinitrotoluene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Diethylphthalate	UG/KG	195 U	185 U	195 U	190 UJ	205 U	215 U
4-Chlorophenyl phenyl ether	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Fluorene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
4-Nitroaniline	UG/KG	470 U	450 U	475 U	460 U	500 U	550 U
4,6-Dinitro-2-methylphenol	UG/KG	470 U	450 U	475 U	460 UJ	500 U	550 U
N-nitrosodiphenylamine	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
4-Bromophenyl-phenylether	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Hexachlorobenzene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Pentachlorophenol	UG/KG	470 U	450 U	475 U	460 U	500 U	550 U
Phenanthrene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Anthracene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Carbazole	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
di-n-Butylphthalate	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Fluoranthene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Pyrene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Butyl benzyl phthalate	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
3,3'-Dichlorobenzidine	UG/KG	195 U	185 U	195 U	190 UJ	205 U	215 U
Benzo[a]anthracene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Chrysene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
bis(2-Ethylhexyl)phthalate	UG/KG	195 U	61 J	195 U	39 J	205 U	215 U
di-n-Octylphthalate	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Benzo[b]fluoranthene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Benzo[k]fluoranthene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Benzo[a]pyrene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Indeno[1,2,3-cd]pyrene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Dibenz[a,h]anthracene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U
Benzo[g,h,i]perylene	UG/KG	195 U	185 U	195 U	190 U	205 U	215 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW07-06	1-GW08-03	1-GW08-06	1-GW09-03	1-GW10-03	1-GW10-06
Laboratory Sample ID:		940289-28	940302-02	940302-03	940289-10	940289-30	940289-31
Date Sampled:		4/12/94	4/12/94	4/12/94	4/10/94	4/11/94	4/11/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.0 U	1.0 UJ	1.2 UJ	1.0 U	1.1 U	1.1 UJ
beta-BHC	UG/KG	1.0 U	1.0 UJ	1.2 UJ	1.0 U	1.1 U	1.1 UJ
delta-BHC	UG/KG	1.0 U	1.0 UJ	1.2 UJ	1.0 U	1.1 U	1.1 UJ
Lindane (gamma-BHC)	UG/KG	1.0 U	1.0 UJ	1.2 UJ	1.0 U	1.1 U	1.1 UJ
Heptachlor	UG/KG	1.0 U	1.0 UJ	1.2 UJ	1.0 U	1.1 U	1.1 UJ
Aldrin	UG/KG	1.0 U	1.0 UJ	1.2 UJ	1.0 U	1.1 U	1.1 UJ
Heptachlor epoxide	UG/KG	1.0 U	1.0 UJ	1.2 UJ	1.0 U	1.1 U	1.1 UJ
Endosulfan I	UG/KG	1.0 U	1.0 UJ	1.2 UJ	1.0 U	1.1 U	1.1 UJ
Dieldrin	UG/KG	2.0 U	1.9 UJ	2.2 UJ	1.9 U	2.1 U	2.2 UJ
4,4'-DDE	UG/KG	2.0 U	1.9 UJ	2.2 UJ	1.9 U	2.1 U	2.2 UJ
Endrin	UG/KG	2.0 U	1.9 UJ	2.2 UJ	1.9 U	2.1 U	2.2 UJ
Endosulfan II	UG/KG	2.0 U	1.9 UJ	2.2 UJ	1.9 U	2.1 U	2.2 UJ
4,4'-DDD	UG/KG	2.0 U	1.9 UJ	2.2 UJ	1.9 U	2.1 U	2.2 UJ
Endosulfan sulfate	UG/KG	2.0 U	1.9 UJ	2.2 UJ	1.9 U	2.1 U	2.2 UJ
4,4'-DDT	UG/KG	2.0 U	1.9 UJ	2.2 UJ	1.9 U	2.1 U	2.2 UJ
Methoxychlor	UG/KG	10 U	10 UJ	12 UJ	10 U	11 U	11 UJ
Endrin ketone	UG/KG	2.0 U	1.9 UJ	2.2 UJ	1.9 U	2.1 U	2.2 UJ
Endrin aldehyde	UG/KG	2.0 U	1.9 UJ	2.2 UJ	1.9 U	2.1 U	2.2 UJ
alpha-Chlordane	UG/KG	1.0 U	1.0 UJ	1.2 UJ	1.0 U	1.1 U	1.1 UJ
gamma-Chlordane	UG/KG	1.0 U	1.0 UJ	1.2 UJ	1.0 U	1.1 U	1.1 UJ
Toxaphene	UG/KG	100 U	95 UJ	115 UJ	100 U	105 U	110 UJ
Aroclor 1016	UG/KG	20 U	19 UJ	22 UJ	19 U	21 U	22 UJ
Aroclor 1221	UG/KG	42 U	38 UJ	45 UJ	39 U	42 U	44 UJ
Aroclor 1232	UG/KG	20 U	19 UJ	22 UJ	19 U	21 U	22 UJ
Aroclor 1242	UG/KG	20 U	19 UJ	22 UJ	19 U	21 U	22 UJ
Aroclor 1248	UG/KG	20 U	19 UJ	22 UJ	19 U	21 U	22 UJ
Aroclor 1254	UG/KG	20 U	19 UJ	22 UJ	19 U	21 U	22 UJ
Aroclor 1260	UG/KG	20 U	19 UJ	22 UJ	19 U	21 U	22 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-01	1-GW12-02	1-GW16-04	1-GW16-06	1-GW16DW-04	1-GW16DW-07
Laboratory Sample ID:		940289-12	940289-14	940302-06	940302-07	940369-02	940369-03
Date Sampled:		4/10/94	4/10/94	4/13/94	4/13/94	5/2/94	5/2/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	7 U	9 U	6 U	11 J	6 U	6 U
Carbon Disulfide	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	7 U	6 U	6 U	6 U	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-01	1-GW12-02	1-GW16-04	1-GW16-06	1-GW16DW-04	1-GW16DW-07
Laboratory Sample ID:		940289-12	940289-14	940302-06	940302-07	940369-02	940369-03
Date Sampled:		4/10/94	4/10/94	4/13/94	4/13/94	5/2/94	5/2/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
bis(2-Chloroethyl) ether	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
2-Chlorophenol	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
1,3-Dichlorobenzene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
1,4-Dichlorobenzene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
1,2-Dichlorobenzene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
2-Methylphenol	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
2,2'-oxybis-(1-chloropropane)	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
4-Methylphenol	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
N-Nitroso-di-n-propylamine	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Hexachloroethane	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Nitrobenzene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Isophorone	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
2-Nitrophenol	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
2,4-Dimethylphenol	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
bis(2-Chloroethoxy) methane	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
2,4-Dichlorophenol	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
1,2,4-Trichlorobenzene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Naphthalene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
4-Chloroaniline	UG/KG	210 U	195 U	185 UJ	175 UJ	190 U	180 U
Hexachlorobutadiene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
4-Chloro-3-methylphenol	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
2-Methylnaphthalene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Hexachlorocyclopentadiene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
2,4,6-Trichlorophenol	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
2,4,5-Trichlorophenol	UG/KG	500 U	475 U	450 U	425 U	460 U	440 U
2-Chloronaphthalene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
2-Nitroaniline	UG/KG	500 U	475 U	450 U	425 U	460 U	440 U
Dimethyl phthalate	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Acenaphthylene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
2,6-Dinitrotoluene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
3-Nitroaniline	UG/KG	500 U	475 U	450 UJ	425 UJ	460 U	440 U
Acenaphthene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-01	1-GW12-02	1-GW16-04	1-GW16-06	1-GW16DW-04	1-GW16DW-07
Laboratory Sample ID:		940289-12	940289-14	940302-06	940302-07	940369-02	940369-03
Date Sampled:		4/10/94	4/10/94	4/13/94	4/13/94	5/2/94	5/2/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	500 U	475 U	450 UJ	425 UJ	460 U	440 U
4-Nitrophenol	UG/KG	500 U	475 U	450 U	425 U	460 U	440 U
Dibenzofuran	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
2,4-Dinitrotoluene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Diethylphthalate	UG/KG	210 UJ	195 UJ	185 U	175 U	190 U	180 U
4-Chlorophenyl phenyl ether	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Fluorene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
4-Nitroaniline	UG/KG	500 U	475 U	450 U	425 U	460 U	440 U
4,6-Dinitro-2-methylphenol	UG/KG	500 UJ	475 U	450 U	425 U	460 U	440 U
N-nitrosodiphenylamine	UG/KG	210 U	195 UJ	185 U	175 U	190 U	180 U
4-Bromophenyl-phenylether	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Hexachlorobenzene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Pentachlorophenol	UG/KG	500 U	475 U	450 U	425 U	460 U	440 U
Phenanthrene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Anthracene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Carbazole	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
di-n-Butylphthalate	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Fluoranthene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Pyrene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Butyl benzyl phthalate	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
3,3'-Dichlorobenzidine	UG/KG	210 UJ	195 UJ	185 U	175 U	190 U	180 U
Benzo[a]anthracene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Chrysene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
bis(2-Ethylhexyl)phthalate	UG/KG	88 J	120 J	185 U	175 U	720	170 J
di-n-Octylphthalate	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Benzo[b]fluoranthene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Benzo[k]fluoranthene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Benzo[a]pyrene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Indeno[1,2,3-cd]pyrene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Dibenz[a,h]anthracene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U
Benzo[g,h,i]perylene	UG/KG	210 U	195 U	185 U	175 U	190 U	180 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW11-01	1-GW12-02	1-GW16-04	1-GW16-06	1-GW16DW-04	1-GW16DW-07
Laboratory Sample ID:		940289-12	940289-14	940302-06	940302-07	940369-02	940369-03
Date Sampled:		4/10/94	4/10/94	4/13/94	4/13/94	5/2/94	5/2/94
	UNITS						
PESTICIDE/PCBs							
alpha-BHC	UG/KG	1.1 UJ	1.0 U	1.0 UJ	0.9 UJ	1.0 UJ	1.0 UJ
beta-BHC	UG/KG	1.1 UJ	1.0 U	1.0 UJ	0.9 UJ	1.0 U	1.0 U
delta-BHC	UG/KG	1.1 UJ	1.0 U	1.0 UJ	0.9 UJ	1.0 U	1.0 U
Lindane (gamma-BHC)	UG/KG	1.1 UJ	1.0 U	1.0 UJ	0.9 UJ	1.0 UJ	1.0 UJ
Heptachlor	UG/KG	1.1 UJ	1.0 U	1.0 UJ	0.9 UJ	1.0 U	1.0 U
Aldrin	UG/KG	1.1 UJ	1.0 U	1.0 UJ	0.9 UJ	1.0 U	1.0 U
Heptachlor epoxide	UG/KG	1.1 UJ	1.0 U	1.0 UJ	0.9 UJ	1.0 U	1.0 U
Endosulfan I	UG/KG	1.1 UJ	1.0 U	1.0 UJ	0.9 UJ	1.0 U	1.0 U
Dieldrin	UG/KG	2.1 UJ	2.0 U	1.9 UJ	1.8 UJ	1.9 U	1.8 U
4,4'-DDE	UG/KG	2.1 UJ	2.0 U	1.9 UJ	1.8 UJ	1.9 U	1.8 U
Endrin	UG/KG	2.1 UJ	2.0 U	1.9 UJ	1.8 UJ	1.9 U	1.8 U
Endosulfan II	UG/KG	2.1 UJ	2.0 U	1.9 UJ	1.8 UJ	1.9 U	1.8 U
4,4'-DDD	UG/KG	2.1 UJ	2.0 U	1.9 UJ	1.8 UJ	1.9 U	1.8 U
Endosulfan sulfate	UG/KG	2.1 UJ	2.0 U	1.9 UJ	1.8 UJ	1.9 U	1.8 U
4,4'-DDT	UG/KG	2.1 UJ	2.0 U	1.9 UJ	1.8 UJ	1.9 U	1.8 U
Methoxychlor	UG/KG	11 UJ	10 U	10 UJ	9 UJ	10 U	10 U
Endrin ketone	UG/KG	2.1 UJ	2.0 U	1.9 UJ	1.8 UJ	1.9 U	1.8 U
Endrin aldehyde	UG/KG	2.1 UJ	2.0 U	1.9 UJ	1.8 UJ	1.9 U	1.8 U
alpha-Chlordane	UG/KG	1.1 UJ	1.0 U	1.0 UJ	0.9 UJ	1.0 U	1.0 U
gamma-Chlordane	UG/KG	1.1 UJ	1.0 U	1.0 UJ	0.9 UJ	1.0 U	1.0 U
Toxaphene	UG/KG	110 UJ	100 U	95 UJ	90 UJ	100 U	95 U
Aroclor 1016	UG/KG	21 UJ	20 U	19 UJ	18 UJ	19 U	18 U
Aroclor 1221	UG/KG	43 UJ	40 U	38 UJ	36 UJ	39 U	37 U
Aroclor 1232	UG/KG	21 UJ	20 U	19 UJ	18 UJ	19 U	18 U
Aroclor 1242	UG/KG	21 UJ	20 U	19 UJ	18 UJ	19 U	18 U
Aroclor 1248	UG/KG	21 UJ	20 U	19 UJ	18 UJ	19 U	18 U
Aroclor 1254	UG/KG	21 UJ	20 U	18 J	18 UJ	19 U	18 U
Aroclor 1260	UG/KG	21 UJ	20 U	19 UJ	18 UJ	19 U	18 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW17-05	1-GW17DW-05
Laboratory Sample ID:		940320-03	940389-02
Date Sampled:		4/19/94	5/5/94
	UNITS		
VOLATILES			
Chloromethane	UG/KG	6 U	6 U
Bromomethane	UG/KG	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U
Chloroethane	UG/KG	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U
Acetone	UG/KG	6 U	36
Carbon Disulfide	UG/KG	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U
Chloroform	UG/KG	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U
2-Butanone	UG/KG	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U
Benzene	UG/KG	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U
Bromoform	UG/KG	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U
2-Hexanone	UG/KG	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U
Toluene	UG/KG	6 U	1 J
Chlorobenzene	UG/KG	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U
Styrene	UG/KG	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW17-05	1-GW17DW-05
Laboratory Sample ID:		940320-03	940389-02
Date Sampled:		4/19/94	5/5/94
	UNITS		
SEMIVOLATILES			
Phenol	UG/KG	175 U	195 U
bis(2-Chloroethyl) ether	UG/KG	175 U	195 U
2-Chlorophenol	UG/KG	175 U	195 U
1,3-Dichlorobenzene	UG/KG	175 U	195 U
1,4-Dichlorobenzene	UG/KG	175 U	195 U
1,2-Dichlorobenzene	UG/KG	175 U	195 U
2-Methylphenol	UG/KG	175 U	195 U
2,2'-oxybis-(1-chloropropane)	UG/KG	175 U	195 U
4-Methylphenol	UG/KG	175 U	195 U
N-Nitroso-di-n-propylamine	UG/KG	175 U	195 U
Hexachloroethane	UG/KG	175 U	195 U
Nitrobenzene	UG/KG	175 U	195 U
Isophorone	UG/KG	175 U	195 U
2-Nitrophenol	UG/KG	175 U	195 U
2,4-Dimethylphenol	UG/KG	175 U	195 U
bis(2-Chloroethoxy) methane	UG/KG	175 U	195 U
2,4-Dichlorophenol	UG/KG	175 U	195 U
1,2,4-Trichlorobenzene	UG/KG	175 U	195 U
Naphthalene	UG/KG	175 U	195 U
4-Chloroaniline	UG/KG	175 U	195 U
Hexachlorobutadiene	UG/KG	175 U	195 U
4-Chloro-3-methylphenol	UG/KG	175 U	195 U
2-Methylnaphthalene	UG/KG	175 U	195 U
Hexachlorocyclopentadiene	UG/KG	175 U	195 U
2,4,6-Trichlorophenol	UG/KG	175 U	195 U
2,4,5-Trichlorophenol	UG/KG	420 U	470 U
2-Chloronaphthalene	UG/KG	175 U	195 U
2-Nitroaniline	UG/KG	420 U	470 U
Dimethyl phthalate	UG/KG	175 U	195 U
Acenaphthylene	UG/KG	175 U	195 U
2,6-Dinitrotoluene	UG/KG	175 U	195 U
3-Nitroaniline	UG/KG	420 U	470 U
Acenaphthene	UG/KG	175 U	195 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW17-05	1-GW17DW-05
Laboratory Sample ID:		940320-03	940389-02
Date Sampled:		4/19/94	5/5/94
	UNITS		
SEMIVOLATILES Cont.			
2,4-Dinitrophenol	UG/KG	420 U	470 U
4-Nitrophenol	UG/KG	420 U	470 U
Dibenzofuran	UG/KG	175 U	195 U
2,4-Dinitrotoluene	UG/KG	175 U	195 U
Diethylphthalate	UG/KG	175 U	195 U
4-Chlorophenyl phenyl ether	UG/KG	175 U	195 U
Fluorene	UG/KG	175 U	195 U
4-Nitroaniline	UG/KG	420 U	470 U
4,6-Dinitro-2-methylphenol	UG/KG	420 U	470 U
N-nitrosodiphenylamine	UG/KG	175 U	195 U
4-Bromophenyl-phenylether	UG/KG	175 U	195 U
Hexachlorobenzene	UG/KG	175 U	195 U
Pentachlorophenol	UG/KG	420 U	470 U
Phenanthrene	UG/KG	175 U	195 U
Anthracene	UG/KG	175 U	195 U
Carbazole	UG/KG	175 U	195 U
di-n-Butylphthalate	UG/KG	175 U	195 U
Fluoranthene	UG/KG	175 U	195 U
Pyrene	UG/KG	175 U	195 U
Butyl benzyl phthalate	UG/KG	175 U	195 U
3,3'-Dichlorobenzidine	UG/KG	175 U	195 U
Benzo[a]anthracene	UG/KG	175 U	195 U
Chrysene	UG/KG	175 U	195 U
bis(2-Ethylhexyl)phthalate	UG/KG	49 J	195 U
di-n-Octylphthalate	UG/KG	175 U	195 U
Benzo[b]fluoranthene	UG/KG	175 U	195 U
Benzo[k]fluoranthene	UG/KG	175 U	195 U
Benzo[a]pyrene	UG/KG	175 U	195 U
Indeno[1,2,3-cd]pyrene	UG/KG	175 U	195 U
Dibenz[a,h]anthracene	UG/KG	175 U	195 U
Benzo[g,h,i]perylene	UG/KG	175 U	195 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW17-05	1-GW17DW-05
Laboratory Sample ID:		940320-03	940389-02
Date Sampled:		4/19/94	5/5/94
	UNITS		
PESTICIDE/PCBs			
alpha-BHC	UG/KG	0.9 U	1.0 UJ
beta-BHC	UG/KG	0.9 U	1.0 U
delta-BHC	UG/KG	0.9 U	1.0 U
Lindane (gamma-BHC)	UG/KG	0.9 U	1.0 U
Heptachlor	UG/KG	0.9 U	1.0 U
Aldrin	UG/KG	0.9 U	1.0 U
Heptachlor epoxide	UG/KG	0.9 U	1.0 U
Endosulfan I	UG/KG	0.9 U	1.0 U
Dieldrin	UG/KG	7.1 J	2.0 U
4,4'-DDE	UG/KG	11.0	2.0 U
Endrin	UG/KG	1.8 U	2.0 U
Endosulfan II	UG/KG	1.8 U	2.0 U
4,4'-DDD	UG/KG	1.8 U	2.0 U
Endosulfan sulfate	UG/KG	1.8 U	2.0 U
4,4'-DDT	UG/KG	7.8	2.0 U
Methoxychlor	UG/KG	9 U	10 U
Endrin ketone	UG/KG	1.8 U	2.0 U
Endrin aldehyde	UG/KG	1.8 U	2.0 U
alpha-Chlordane	UG/KG	0.9 U	1.0 U
gamma-Chlordane	UG/KG	0.9 U	1.0 U
Toxaphene	UG/KG	90 U	100 U
Aroclor 1016	UG/KG	18 U	20 U
Aroclor 1221	UG/KG	36 U	40 U
Aroclor 1232	UG/KG	18 U	20 U
Aroclor 1242	UG/KG	18 U	20 U
Aroclor 1248	UG/KG	18 U	20 U
Aroclor 1254	UG/KG	18 U	20 U
Aroclor 1260	UG/KG	18 U	20 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/KG	ND	NA	NA	NA	NA
Bromomethane	UG/KG	ND	NA	NA	NA	NA
Vinyl chloride	UG/KG	ND	NA	NA	NA	NA
Chloroethane	UG/KG	ND	NA	NA	NA	NA
Methylene chloride	UG/KG	3 J	5.8	2.1	6.1	5.9
Acetone	UG/KG	490 J	16.2	55.7	25.1	11.9
Carbon Disulfide	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethene	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/KG	ND	NA	NA	NA	NA
Chloroform	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
2-Butanone	UG/KG	ND	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/KG	ND	NA	NA	NA	NA
Carbon tetrachloride	UG/KG	ND	NA	NA	NA	NA
Bromodichloromethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/KG	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Trichloroethene	UG/KG	3 J	5.8	2.1	6.1	5.9
Dibromochloromethane	UG/KG	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/KG	ND	NA	NA	NA	NA
Benzene	UG/KG	ND	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Bromoform	UG/KG	ND	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/KG	ND	NA	NA	NA	NA
2-Hexanone	UG/KG	ND	NA	NA	NA	NA
Tetrachloroethene	UG/KG	ND	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	27	6.0	2.9	6.5	6.1
Toluene	UG/KG	1 J	5.8	2.1	6.1	6.0
Chlorobenzene	UG/KG	ND	NA	NA	NA	NA
Ethylbenzene	UG/KG	ND	NA	NA	NA	NA
Styrene	UG/KG	ND	NA	NA	NA	NA
Xylenes (total)	UG/KG	ND	NA	NA	NA	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/KG	370 R	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/KG	370 R	NA	NA	NA	NA
2-Chlorophenol	UG/KG	370 R	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	370 R	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	370 R	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	370 R	NA	NA	NA	NA
2-Methylphenol	UG/KG	370 R	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/KG	370 R	NA	NA	NA	NA
4-Methylphenol	UG/KG	370 R	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/KG	370 R	NA	NA	NA	NA
Hexachloroethane	UG/KG	370 R	NA	NA	NA	NA
Nitrobenzene	UG/KG	370 R	NA	NA	NA	NA
Isophorone	UG/KG	370 R	NA	NA	NA	NA
2-Nitrophenol	UG/KG	370 R	NA	NA	NA	NA
2,4-Dimethylphenol	UG/KG	370 R	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/KG	370 R	NA	NA	NA	NA
2,4-Dichlorophenol	UG/KG	370 R	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	370 R	NA	NA	NA	NA
Naphthalene	UG/KG	370 R	NA	NA	NA	NA
4-Chloroaniline	UG/KG	370 R	NA	NA	NA	NA
Hexachlorobutadiene	UG/KG	370 R	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/KG	370 R	NA	NA	NA	NA
2-Methylnaphthalene	UG/KG	370 R	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/KG	370 R	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/KG	370 R	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/KG	900 R	NA	NA	NA	NA
2-Chloronaphthalene	UG/KG	370 R	NA	NA	NA	NA
2-Nitroaniline	UG/KG	900 R	NA	NA	NA	NA
Dimethyl phthalate	UG/KG	370 R	NA	NA	NA	NA
Acenaphthylene	UG/KG	370 R	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/KG	370 R	NA	NA	NA	NA
3-Nitroaniline	UG/KG	900 R	NA	NA	NA	NA
Acenaphthene	UG/KG	370 R	NA	NA	NA	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	900 R	NA	NA	NA	NA
4-Nitrophenol	UG/KG	930	470.0	96.7	485.6	479.3
Dibenzofuran	UG/KG	370 R	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/KG	370 R	NA	NA	NA	NA
Diethylphthalate	UG/KG	370 R	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/KG	370 R	NA	NA	NA	NA
Fluorene	UG/KG	370 R	NA	NA	NA	NA
4-Nitroaniline	UG/KG	900 R	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/KG	900 R	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/KG	370 R	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/KG	370 R	NA	NA	NA	NA
Hexachlorobenzene	UG/KG	370 R	NA	NA	NA	NA
Pentachlorophenol	UG/KG	900 R	NA	NA	NA	NA
Phenanthrene	UG/KG	370 R	190.9	39.1	197.2	196.8
Anthracene	UG/KG	370 R	NA	NA	NA	NA
Carbazole	UG/KG	370 R	NA	NA	NA	NA
di-n-Butylphthalate	UG/KG	370 R	191.2	38.3	197.4	195.7
Fluoranthene	UG/KG	370 R	191.5	37.4	197.5	195.2
Pyrene	UG/KG	370 R	191.3	37.9	197.4	195.4
Butyl benzyl phthalate	UG/KG	370 R	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/KG	370 R	NA	NA	NA	NA
Benzo[a]anthracene	UG/KG	370 R	NA	NA	NA	NA
Chrysene	UG/KG	370 R	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/KG	8700	438.7	950.2	592.9	435.5
di-n-Octylphthalate	UG/KG	400 R	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/KG	370 R	NA	NA	NA	NA
Benzo[k]fluoranthene	UG/KG	370 R	NA	NA	NA	NA
Benzo[a]pyrene	UG/KG	370 R	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	UG/KG	370 R	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/KG	370 R	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/KG	370 R	NA	NA	NA	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
	UNITS					
PESTICIDE/PCBs						
alpha-BHC	UG/KG	2 R	NA	NA	NA	NA
beta-BHC	UG/KG	2 R	NA	NA	NA	NA
delta-BHC	UG/KG	2 R	NA	NA	NA	NA
Lindane (gamma-BHC)	UG/KG	2 R	NA	NA	NA	NA
Heptachlor	UG/KG	2 R	NA	NA	NA	NA
Aldrin	UG/KG	2 R	NA	NA	NA	NA
Heptachlor epoxide	UG/KG	2 R	NA	NA	NA	NA
Endosulfan I	UG/KG	2 R	NA	NA	NA	NA
Dieldrin	UG/KG	39 J	2.3	3.6	2.9	2.3
4,4'-DDE	UG/KG	120	3.1	11.4	4.9	2.4
Endrin	UG/KG	3.8 R	NA	NA	NA	NA
Endosulfan II	UG/KG	55	2.4	5.1	3.3	2.2
4,4'-DDD	UG/KG	28 J	2.2	2.6	2.6	2.2
Endosulfan sulfate	UG/KG	3.8 R	NA	NA	NA	NA
4,4'-DDT	UG/KG	18 J	2.3	2.1	2.7	2.4
Methoxychlor	UG/KG	20 R	NA	NA	NA	NA
Endrin ketone	UG/KG	3.8 R	NA	NA	NA	NA
Endrin aldehyde	UG/KG	24 NJ	2.2	2.2	2.5	2.1
alpha-Chlordane	UG/KG	9.2 NJ	1.1	0.9	1.3	1.1
gamma-Chlordane	UG/KG	2.9 NJ	1.0	0.4	1.1	1.1
Toxaphene	UG/KG	200 R	NA	NA	NA	NA
Aroclor 1016	UG/KG	38 R	NA	NA	NA	NA
Aroclor 1221	UG/KG	78 R	NA	NA	NA	NA
Aroclor 1232	UG/KG	38 R	NA	NA	NA	NA
Aroclor 1242	UG/KG	38 R	NA	NA	NA	NA
Aroclor 1248	UG/KG	38 R	NA	NA	NA	NA
Aroclor 1254	UG/KG	38 R	20.2	9.7	21.7	20.6
Aroclor 1260	UG/KG	1300	31.3	122.8	51.0	23.6

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB01-01	1-S-SB01-04	1-S-SB01-08	1-S-SB02-01	1-S-SB02-04	1-S-SB02-07
Laboratory Sample ID:		940261-01	940259-04	940259-05	940272-16	940272-17	940272-18
Date Sampled:		3/29/94	3/29/94	3/29/94	4/6/94	4/6/94	4/6/94
	UNITS						
Aluminum	MG/KG	6840	4270	3600	1360	4160	2410
Antimony	MG/KG	3.8 UJ	3.4 UJ	3.0 UJ	3.1 UJ	3.4 UJ	3.2 UJ
Arsenic	MG/KG	1.7	4.8	1.4	0.28 UJ	2.6 J	0.68 J
Barium	MG/KG	10.4	7.7	7.4	9.1	6.3	9.0
Beryllium	MG/KG	0.11 U	0.10 U	0.09 U	0.09 U	0.10 U	0.10 U
Cadmium	MG/KG	0.33 U	0.30 U	0.26 U	0.28 U	0.30 U	0.28 U
Calcium	MG/KG	321 J	110 J	19.4 UJ	11000 J	12800 J	952 J
Chromium	MG/KG	9.5	7.1 J	4.9 J	5.1 J	6.7 J	3.8 J
Cobalt	MG/KG	0.44 U	0.40 U	0.80	0.37 UJ	0.40 UJ	0.38 UJ
Copper	MG/KG	2.0	0.6 U	1.7	1.7	0.6 U	0.6 U
Iron	MG/KG	4600	3940	985	969	2940	638
Lead	MG/KG	5.0	4.0 J	2.9 J	15.2 J	3.1 J	2.7 J
Magnesium	MG/KG	104	151	110	230	357	73.0
Manganese	MG/KG	4.4 J	1.9 J	1.6 J	11.0 J	17.8 J	6.0 J
Mercury	MG/KG	0.03 U	0.23	0.34	0.03 U	0.03 U	0.03 U
Nickel	MG/KG	0.8 U	2.1	3.4	1.8 J	1.7 J	2.4 J
Potassium	MG/KG	86.7 J	255 J	123 J	64.2 J	217 J	65.6 J
Selenium	MG/KG	0.44 UJ	0.40 UJ	0.35 UJ	0.37 UJ	0.40 UJ	0.38 UJ
Silver	MG/KG	0.6 UJ	0.50 UJ	0.44 UJ	0.46 UJ	0.50 UJ	0.47 UJ
Sodium	MG/KG	26.6	10.2	4.4 U	17.6 U	20.4 U	6.3 U
Thallium	MG/KG	0.44 U	0.40 U	0.35 U	0.37 U	0.40 U	0.38 U
Vanadium	MG/KG	12.2	12.6	5.0	3.2	10.0	2.6
Zinc	MG/KG	78.6 J	2.2 J	1.7 J	7.4 J	2.8 J	1.5 J

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB03-01	1-S-SB03-03	1-S-SB03-06	1-S-SB04-01	1-S-SB04-04	1-S-SB04-06
Laboratory Sample ID:		940225-15	940259-06	940259-07	940272-19	940272-20	940280-01
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
Aluminum	MG/KG	10100	4300	6320	5910	3060	1360
Antimony	MG/KG	3.9 UJ	2.9 UJ	3.1 UJ	3.1 UJ	3.2 UJ	2.8 UJ
Arsenic	MG/KG	2.4	0.76	0.80	1.0 J	2.3 J	0.25 U
Barium	MG/KG	20.4	5.4	7.3	14.7	4.9	2.3
Beryllium	MG/KG	0.12 U	0.09 U	0.09 U	0.09 U	0.10 U	0.08 U
Cadmium	MG/KG	0.71	0.26 U	0.28 U	0.28 U	0.28 U	0.25 U
Calcium	MG/KG	1160 J	37.0 UJ	15.9 UJ	731 J	16.6 UJ	4.5 U
Chromium	MG/KG	15.6	5.7 J	5.8 J	7.3 J	5.1 J	2.2
Cobalt	MG/KG	0.46 U	0.34 U	0.85	0.37 UJ	0.38 UJ	0.33 U
Copper	MG/KG	2.0 U	0.5 U	1.3	1.5	1.2	0.49 U
Iron	MG/KG	6330	1350	680	2720	2400	783
Lead	MG/KG	6.8	3.0 J	4.6 J	5.1 J	2.9 J	2.4 J
Magnesium	MG/KG	234	197	161	191	147	13.5 U
Manganese	MG/KG	5.6	3.4 J	2.6 J	8.8 J	2.9 J	0.9 U
Mercury	MG/KG	0.06	0.02 U	0.28	0.03 U	0.03 U	0.03 U
Nickel	MG/KG	2.4 U	1.2	2.8	0.7 UJ	0.7 UJ	0.6 U
Potassium	MG/KG	75 U	174 J	189 J	105 J	186 J	19.5 U
Selenium	MG/KG	1.5 J	0.34 UJ	0.37 UJ	0.37 UJ	0.38 UJ	0.33 U
Silver	MG/KG	0.6 UJ	0.43 UJ	0.46 UJ	0.46 UJ	0.47 UJ	0.41 UJ
Sodium	MG/KG	8.2 U	34.7	21.9	18.0 U	14.2 U	11.4 U
Thallium	MG/KG	0.46 U	0.34 U	0.37 U	0.37 U	0.38 U	0.33 U
Vanadium	MG/KG	18.4	6.0	5.8	8.8	6.9	3.7
Zinc	MG/KG	2.1 UJ	3.0 J	2.3 J	2.7 J	1.6 J	0.22 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB05-01	1-S-SB05-04	1-S-SB05-08	1-S-SB06-01	1-S-SB06-04	1-S-SB06-08
Laboratory Sample ID:		940225-16	940259-08	940259-09	940272-03	940271-03	940271-04
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
Aluminum	MG/KG	7550	1120	3440	13700	5630	2740
Antimony	MG/KG	3.1 UJ	3.0 UJ	3.3 UJ	4.0 UJ	6.1 UJ	3.2 UJ
Arsenic	MG/KG	1.5	0.26 U	1.0	2.6 J	2.7	0.28 U
Barium	MG/KG	13.0	4.3	5.5	16.4	8.7	5.8
Beryllium	MG/KG	0.09 U	0.09 U	0.10 U	0.12 U	0.11 U	0.10 U
Cadmium	MG/KG	0.27 U	0.26 U	0.29 U	0.35 U	0.32 U	0.28 U
Calcium	MG/KG	11700 J	540 J	13.0 UJ	404 J	56.2 J	59.5 J
Chromium	MG/KG	13.2	0.6 UJ	5.6 J	16.9 J	9.4	2.2
Cobalt	MG/KG	0.48 U	0.35 U	0.82	0.46 UJ	0.43 U	0.38 U
Copper	MG/KG	1.3 U	0.5 U	1.3	2.6	1.4	0.6 U
Iron	MG/KG	3870	254	1150	7600	3790	379
Lead	MG/KG	7.1	2.1 J	1.6 J	7.3 J	3.9	1.3
Magnesium	MG/KG	338	39.9	73.7	372	227	82.5
Manganese	MG/KG	12.3	0.52 J	3.8 J	7.4 J	2.1 J	0.98 J
Mercury	MG/KG	0.02 U	0.02 U	0.03 U	0.03 U	0.03 U	0.03 U
Nickel	MG/KG	0.9 U	0.6 U	1.6	4.3 J	3.0	2.0
Potassium	MG/KG	64 U	40.3 J	115 J	230 J	293 J	113 J
Selenium	MG/KG	0.36 UJ	0.35 UJ	0.39 UJ	0.46 UJ	0.43 UJ	0.38 UJ
Silver	MG/KG	0.45 UJ	0.44 UJ	0.49 UJ	0.6 UJ	0.6 UJ	0.47 UJ
Sodium	MG/KG	11.9 U	36.6	14.3	23.8 U	20.4 U	15.3 U
Thallium	MG/KG	0.36 U	0.35 U	0.39 U	0.46 U	0.43 U	0.38 U
Vanadium	MG/KG	11.9	1.1	3.9	22.8	15.3	2.0
Zinc	MG/KG	6.7 J	1.3 J	1.4 J	4.9 J	2.3 UJ	1.8 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB07-01	1-S-SB07-04	1-S-SB07-07	1-S-SB08-01	1-S-SB08-04	1-S-SB08-07
Laboratory Sample ID:		940225-17	940259-10	940259-11	940280-02	940280-04	940280-05
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
Aluminum	MG/KG	2470	4970	1200	6710	7130	4190
Antimony	MG/KG	3.7 UJ	3.0 UJ	3.1 UJ	3.2 UJ	3.2 UJ	3.5 UJ
Arsenic	MG/KG	0.69	3.1	0.27 U	1.0	3.9	0.31 U
Barium	MG/KG	7.9	6.7	2.5	16.9	11.0	5.1
Beryllium	MG/KG	0.11 U	0.09 U	0.09 U	0.09 U	0.10 U	0.10 U
Cadmium	MG/KG	0.32 U	0.27 U	0.27 U	0.28 U	0.29 U	0.31 U
Calcium	MG/KG	3250 J	230 J	9.7 UJ	368 U	130 U	29.2 U
Chromium	MG/KG	4.8	7.2 J	1.6 J	6.5	9.8	8.8
Cobalt	MG/KG	0.43 U	0.35 U	0.36 U	0.37 U	0.38 U	0.41 U
Copper	MG/KG	0.8 U	0.6 U	0.6 U	1.1 U	1.0 U	0.9 U
Iron	MG/KG	1400	3160	112	2990	4890	857
Lead	MG/KG	5.6	4.4 J	0.7 UJ	4.7 J	5.1 J	3.9 J
Magnesium	MG/KG	101	267	11.3	208	322	68.0
Manganese	MG/KG	3.8 J	4.4 J	0.26 J	10.8	8.4	4.5
Mercury	MG/KG	0.03 U	0.03 U	0.19	0.03 U	0.03 U	0.03 U
Nickel	MG/KG	0.8 U	1.6	0.6 U	1.5 U	2.9 U	1.1 U
Potassium	MG/KG	25.4 U	279 J	31.3 J	78 U	421 J	82 U
Selenium	MG/KG	0.43 UJ	0.35 UJ	0.36 UJ	0.37 U	0.38 U	0.41 U
Silver	MG/KG	0.6 UJ	0.44 UJ	0.45 UJ	0.46 UJ	0.48 UJ	0.5 UJ
Sodium	MG/KG	5.5 U	26.1	4.6 U	14.2 U	14.9 U	16.3 U
Thallium	MG/KG	0.43 U	0.35 U	0.36 U	0.37 U	0.38 U	0.41 U
Vanadium	MG/KG	3.9	9.8	0.58	9.5	13.5	3.0
Zinc	MG/KG	1.9 UJ	2.1 J	0.63 J	1.5	2.1	1.2

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB09-01	1-S-SB09-04	1-S-SB09-07	1-S-SB10-01	1-S-SB10-04	1-S-SB10-08
Laboratory Sample ID:		940280-07	940280-08	940280-09	940261-02	940259-12	940259-13
Date Sampled:		4/5/94	4/5/94	4/5/94	3/29/94	3/29/94	3/29/94
	UNITS						
Aluminum	MG/KG	2050	5550	2940	3240	1640	1800
Antimony	MG/KG	3.2 UJ	3.4 UJ	3.2 UJ	3.4 UJ	3.2 UJ	2.9 UJ
Arsenic	MG/KG	0.28 U	1.2	0.28 U	0.30 U	0.70	0.26 U
Barium	MG/KG	9.5	6.7	2.6	8.0	3.9	2.9
Beryllium	MG/KG	0.10 U	0.10 U	0.10 U	0.10 U	0.09 U	0.09 U
Cadmium	MG/KG	0.84	0.30 U	0.28 U	0.30 U	0.28 U	0.26 U
Calcium	MG/KG	30800	32.8 U	15.0 U	4040 J	24.4 UJ	104 J
Chromium	MG/KG	8.2	7.0	4.6	4.1	3.0 J	2.6 J
Cobalt	MG/KG	0.38 U	0.39 U	0.38 U	0.39 U	0.37 U	0.34 U
Copper	MG/KG	1.5 U	0.6 U	0.6 U	0.6 U	0.6 U	0.5 U
Iron	MG/KG	1690	2360	340	1630	808	312
Lead	MG/KG	15.2 J	4.2 J	2.9 J	3.4	2.7 J	0.7 UJ
Magnesium	MG/KG	526	313	41.3	127	35.2	48.9
Manganese	MG/KG	16.8	8.1	3.5	6.3	4.1 J	1.4 J
Mercury	MG/KG	0.02 U	0.03 U	0.03 U	0.03 U	0.02 U	0.03 U
Nickel	MG/KG	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.6 U
Potassium	MG/KG	55 U	148 U	37.1 U	87.1 J	53.0 J	75.8 J
Selenium	MG/KG	0.38 U	0.39 U	0.38 U	0.39 UJ	0.37 UJ	0.34 UJ
Silver	MG/KG	0.47 UJ	0.49 UJ	0.47 UJ	0.49 UJ	0.46 UJ	0.43 UJ
Sodium	MG/KG	40.6 U	14.4 U	6.1 U	30.1	24.5	26.9
Thallium	MG/KG	0.38 U	0.39 U	0.38 U	0.39 U	0.37 U	0.34 U
Vanadium	MG/KG	4.5	12.0	1.4	5.8	2.9	1.6
Zinc	MG/KG	8.7	1.6	0.66	7.4 J	2.2 J	1.0 J

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB11-01	1-S-SB11-03	1-S-SB11-06	1-S-SB12-01	1-S-SB12-04	1-S-SB12-07
Laboratory Sample ID:		940225-18	940259-14	940259-15	940280-10	940280-11	940280-12
Date Sampled:		3/30/94	3/30/94	3/30/94	4/6/94	4/6/94	4/6/94
	UNITS						
Aluminum	MG/KG	2480	1450	1780	6460	5780	4730
Antimony	MG/KG	6.1 J	3.2 UJ	3.4 UJ	3.1 UJ	3.4 UJ	3.0 UJ
Arsenic	MG/KG	0.80	0.73	1.1	0.68	3.4	0.26 U
Barium	MG/KG	10.2	3.1	2.1	14.2	10.1	7.7
Beryllium	MG/KG	0.08 U	0.10 U	0.10 U	0.09 U	0.10 U	0.09 U
Cadmium	MG/KG	0.72	0.28 U	0.30 U	0.27 U	0.30 U	0.26 U
Calcium	MG/KG	74400 J	269 J	26.3 UJ	866	40.1 U	19.8 U
Chromium	MG/KG	7.0	2.2 J	2.3 J	7.2	9.1	4.9
Cobalt	MG/KG	0.41 U	0.38 U	0.40 U	0.36 U	0.81	0.35 U
Copper	MG/KG	4.5	0.6 U	2.4	0.9 U	1.1 U	0.5 U
Iron	MG/KG	1640	573	199	3080	4560	693
Lead	MG/KG	7.8	3.3 J	1.9 J	4.9 J	4.8 J	3.8 J
Magnesium	MG/KG	1130	76.0	9.4	171	273	138
Manganese	MG/KG	61.3	1.6 J	1.5 J	15.1	5.4	3.5
Mercury	MG/KG	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Nickel	MG/KG	1.9 U	0.7 U	1.9 B	0.7 U	1.4 U	0.6 U
Potassium	MG/KG	204 J	55.3 J	20.3 J	66 U	386 J	83 U
Selenium	MG/KG	0.31 UJ	0.38 UJ	0.40 UJ	0.36 U	0.40 U	0.35 U
Silver	MG/KG	0.39 UJ	0.47 UJ	0.5 UJ	1.0 J	0.5 UJ	0.44 UJ
Sodium	MG/KG	58 U	25.5	5.1 U	17.7 U	15.7 U	7.1 U
Thallium	MG/KG	0.31 U	0.38 U	0.40 U	0.36 U	0.40 U	0.35 U
Vanadium	MG/KG	9.1	1.9	1.4	8.9	11.1	3.7
Zinc	MG/KG	11.9 J	0.82 J	0.68 J	1.4	1.7	0.66

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB13-01	1-S-SB13-04	1-S-SB13-07	1-S-SB14-01	1-S-SB14-03	1-S-SB14-06
Laboratory Sample ID:		940280-13	940280-14	940280-15	940280-16	940280-18	940280-19
Date Sampled:		4/6/94	4/6/94	4/6/94	4/6/94	4/6/94	4/6/94
	UNITS						
Aluminum	MG/KG	5660	546	7470	1710	3240	3620
Antimony	MG/KG	3.4 UJ	7.8 J	3.2 UJ	2.9 UJ	3.1 UJ	2.7 UJ
Arsenic	MG/KG	0.30 U	0.29 U	0.69	0.25 U	0.28 U	1.5
Barium	MG/KG	12.6	3.1	10.1	10.3	5.0	8.0
Beryllium	MG/KG	0.10 U	0.10 U	0.09 U	0.09 U	0.09 U	0.08 U
Cadmium	MG/KG	0.30 U	0.29 U	1.1	0.25 U	0.28 U	0.24 U
Calcium	MG/KG	890	40.4 U	54 U	2810	5120	21500
Chromium	MG/KG	8.9	1.5	8.8	2.0	4.2	6.2
Cobalt	MG/KG	0.40 U	0.38 U	0.37 U	0.34 U	0.37 U	0.32 U
Copper	MG/KG	0.8 U	0.6 U	0.8 U	0.8 U	0.6 U	0.9 U
Iron	MG/KG	2260	517	1070	615	1320	2060
Lead	MG/KG	3.6 J	2.5 J	5.1 J	6.1 J	2.6 J	5.1 J
Magnesium	MG/KG	174	12.3 U	251	87.1	195	504
Manganese	MG/KG	9.4	6.0	7.8	6.2	7.9	23.5
Mercury	MG/KG	0.03 U	0.03 U	0.03 U	0.03 U	0.02 U	0.02 U
Nickel	MG/KG	0.7 U	0.7 U	0.7 U	0.6 U	0.7 U	0.6 U
Potassium	MG/KG	52 U	23.8 U	146 U	37.6 U	59 U	118 U
Selenium	MG/KG	0.40 U	0.38 U	0.37 U	0.34 U	0.37 U	0.32 U
Silver	MG/KG	0.5 UJ	0.48 UJ	0.46 UJ	0.42 UJ	0.46 UJ	0.40 UJ
Sodium	MG/KG	10.8 U	15.3 U	16.5 U	14.8 U	7.7 U	19.2 U
Thallium	MG/KG	0.40 U	0.38 U	0.37 U	0.34 U	0.37 U	0.32 U
Vanadium	MG/KG	7.2	2.6	6.9	2.5	4.8	8.3
Zinc	MG/KG	1.2	0.64	1.5	3.2	2.1	1.6

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB15-01	1-S-SB15-04	1-S-SB15-06	1-S-SB16-01	1-S-SB16-04	1-S-SB16-07
Laboratory Sample ID:		940272-04	940271-05	940271-06	940272-05	940271-07	940271-08
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	4/5/94
	UNITS						
Aluminum	MG/KG	3550	3870	1050	13600	1240	2100
Antimony	MG/KG	3.1 UJ	4.4 UJ	2.7 UJ	3.0 UJ	2.9 UJ	3.4 UJ
Arsenic	MG/KG	0.27 UJ	2.6	0.24 U	2.3 J	0.25 U	0.30 U
Barium	MG/KG	8.8	6.0	3.2	16.4	3.3	3.1
Beryllium	MG/KG	0.09 U	0.10 U	0.08 U	0.09 U	0.09 U	0.10 U
Cadmium	MG/KG	0.27 U	0.29 U	0.24 U	0.27 U	0.25 U	0.30 U
Calcium	MG/KG	500 J	49.5 J	16.3 J	614 J	15.1 UJ	15.6 UJ
Chromium	MG/KG	4.4 J	6.0	2.8	15.7 J	2.1	1.8
Cobalt	MG/KG	0.37 UJ	1.0	0.64	0.36 UJ	0.34 U	0.39 U
Copper	MG/KG	1.8	1.4	0.48 U	2.6	0.5 U	0.6 U
Iron	MG/KG	1850	2820	302	9320	279	320
Lead	MG/KG	2.6 J	3.5	2.0	6.0 J	2.0	1.7
Magnesium	MG/KG	107	202	29.2	316	50.9	81.2
Manganese	MG/KG	5.9 J	2.4 J	7.2 J	7.4 J	1.0 J	0.10 UJ
Mercury	MG/KG	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Nickel	MG/KG	2.3 J	2.9	1.8	3.5 J	0.6 U	0.7 U
Potassium	MG/KG	81.9 J	267 J	24.1 U	219 J	102 J	93.5
Selenium	MG/KG	0.37 UJ	0.39 UJ	0.32 UJ	0.36 UJ	0.34 UJ	0.39 UJ
Silver	MG/KG	0.46 UJ	0.49 UJ	0.40 UJ	0.45 UJ	0.42 UJ	0.49 UJ
Sodium	MG/KG	6.9 U	6.8 U	6.6 U	10.7 U	4.3 U	11.8 U
Thallium	MG/KG	0.37 U	0.39 U	0.32 U	0.36 U	0.34 U	0.39 U
Vanadium	MG/KG	5.4	9.3	1.7	26.1	1.7	1.9
Zinc	MG/KG	1.8 J	1.3 UJ	0.7 UJ	5.1 J	0.7 UJ	1.0 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-S-SB17-01	1-S-SB17-03	1-S-SB17-06	1-S-SB18-01	1-S-SB18-04	1-S-SB18-07
Laboratory Sample ID:		940225-19	940225-20	940225-21	940280-21	940280-22	940280-23
Date Sampled:		3/30/94	3/30/94	3/30/94	4/5/94	4/5/94	4/5/94
	UNITS						
Aluminum	MG/KG	3540	3010	5480	3870	4420	2240
Antimony	MG/KG	3.1 UJ	3.3 UJ	3.5 UJ	3.4 UJ	3.7 UJ	3.4 UJ
Arsenic	MG/KG	1.4	2.8	0.31 U	0.30 U	0.32 U	0.30 U
Barium	MG/KG	8.7	4.8	11.8	10.9	6.6	2.7
Beryllium	MG/KG	0.09 U	0.10 U	0.10 U	0.10 U	0.11 U	0.10 U
Cadmium	MG/KG	0.27 U	0.29 U	0.31 U	0.30 U	0.32 U	0.30 U
Calcium	MG/KG	37800 J	488 J	48.1 J	2350	915	74.5
Chromium	MG/KG	6.9	7.1	5.0	4.5	4.8	3.3
Cobalt	MG/KG	0.41 U	0.39 U	0.41 U	0.40 U	0.43 U	0.40 U
Copper	MG/KG	1.2 U	0.6 U	1.2	3.0	0.7 U	3.2
Iron	MG/KG	2170	2760	503	3490	1710	179
Lead	MG/KG	5.3	2.9	3.8	3.8 J	4.0 J	1.2 UJ
Magnesium	MG/KG	638	140	112	160	199	22.0
Manganese	MG/KG	32.1	0.60 J	0.35 J	25.0	7.3	1.3
Mercury	MG/KG	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Nickel	MG/KG	2.6	0.7 U	3.4	4.3 J	1.7 J	0.7 UJ
Potassium	MG/KG	70 U	90 U	125 J	142 J	231 J	77.8 J
Selenium	MG/KG	0.37 UJ	0.39 UJ	0.41 UJ	0.40 U	0.43 U	0.40 U
Silver	MG/KG	0.46 UJ	0.49 UJ	0.5 UJ	0.50 UJ	0.6 UJ	0.50 UJ
Sodium	MG/KG	26.7 U	13.8 U	17.0 U	19.0 U	14.5 U	11.8 U
Thallium	MG/KG	0.37 U	0.39 U	0.41 U	0.40 U	0.43 U	0.40 U
Vanadium	MG/KG	8.6	8.4	3.1	6.0	6.5	0.94
Zinc	MG/KG	6.1 J	0.8 UJ	1.1 UJ	63.7	1.3	37.6

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FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB19-04	1-N-SB20-05	1-N-SB21-01	1-N-SB21-04	1-N-SB21-07	1-N-SB22-01
Laboratory Sample ID:		940251-01	940260-02	940260-03	940260-04	940260-05	940272-10
Date Sampled:		3/28/94	3/29/94	3/29/94	3/29/94	3/29/94	4/5/94
	UNITS						
Aluminum	MG/KG	1870	11200	1880	6810	4700	4980
Antimony	MG/KG	3.4 UJ	3.7 UJ	3.1 UJ	3.4 UJ	3.8 UJ	3.4 UJ
Arsenic	MG/KG	0.67	0.32 U	0.27 U	0.30 U	3.4	0.73 J
Barium	MG/KG	5.4	18.1	2.5	14.0	8.2	8.2
Beryllium	MG/KG	0.10 U	0.11 U	0.09 U	0.10 U	0.11 U	0.10 U
Cadmium	MG/KG	0.30 U	0.32 U	0.27 U	0.30 U	0.34 U	0.30 U
Calcium	MG/KG	405 J	226 J	832 J	303 J	174 J	1200 J
Chromium	MG/KG	1.7 J	9.9 J	2.7 J	6.2 J	5.7 J	5.8 J
Cobalt	MG/KG	0.40 U	0.43 UJ	0.36 UJ	0.40 UJ	0.45 UJ	0.40 UJ
Copper	MG/KG	0.6 U	1.7	0.6 U	1.6	0.7 U	1.6
Iron	MG/KG	834	1490	850	1290	2440	2870
Lead	MG/KG	1.5 UJ	5.9 J	2.8 J	4.6 J	4.8 J	5.4 J
Magnesium	MG/KG	48.2 J	292	59.2	123	98.2	130
Manganese	MG/KG	10.0	6.7 J	1.7 J	3.5 J	2.5 J	5.5 J
Mercury	MG/KG	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Nickel	MG/KG	0.7 U	3.7	0.7 U	1.8	0.8 U	1.9 J
Potassium	MG/KG	29.1 J	309 J	46.0 J	150 J	183 J	136 J
Selenium	MG/KG	0.40 UJ	0.43 UJ	0.36 UJ	0.40 UJ	0.45 UJ	0.40 UJ
Silver	MG/KG	0.50 UJ	0.6 UJ	0.45 UJ	0.49 UJ	0.6 UJ	0.5 UJ
Sodium	MG/KG	26.4	23.8 U	5.2 U	14.4 U	14.2 U	10.5 U
Thallium	MG/KG	0.40 U	0.43 U	0.36 U	0.40 U	0.45 U	0.40 U
Vanadium	MG/KG	2.8	7.7	3.8	5.8	8.2	8.7
Zinc	MG/KG	1.3 J	3.0 UJ	1.1 UJ	2.1 UJ	2.6 UJ	3.2 J

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB22-06	1-N-SB22-08	1-N-SB23-01	1-N-SB23-05	1-N-SB23-08	1-N-SB24-01
Laboratory Sample ID:		940279-01	940279-03	940272-12	940272-13	940272-14	940260-06
Date Sampled:		4/5/94	4/5/94	4/5/94	4/5/94	4/5/94	3/29/94
	UNITS						
Aluminum	MG/KG	2180	508	1710	6970	1420	2850
Antimony	MG/KG	3.4 UJ	3.5 UJ	3.3 UJ	3.0 UJ	3.2 UJ	3.0 UJ
Arsenic	MG/KG	0.30 U	0.68	0.29 UJ	0.26 UJ	0.28 UJ	0.26 U
Barium	MG/KG	3.5	2.4	3.3	9.7	2.7	4.4
Beryllium	MG/KG	0.10 U	0.10 U	0.10 U	0.09 U	0.10 U	0.09 U
Cadmium	MG/KG	0.30 U	0.31 U	0.29 U	0.26 U	0.28 U	0.26 U
Calcium	MG/KG	226 J	124 J	1000 J	369 J	38.1 UJ	2290 J
Chromium	MG/KG	3.7	2.9	1.9 J	9.1 J	2.9 J	3.2 J
Cobalt	MG/KG	0.40 U	0.41 U	0.39 UJ	0.35 UJ	0.38 UJ	0.35 UJ
Copper	MG/KG	0.6 U	0.6 U	0.6 U	1.1	0.6 U	0.5 U
Iron	MG/KG	484	706	1080	1490	320	599
Lead	MG/KG	2.2	0.7 U	1.6 J	5.0 J	0.9 UJ	3.4 J
Magnesium	MG/KG	67.6	17.3	70.0	193	28.9	120
Manganese	MG/KG	2.6 J	0.84 J	5.8 J	3.8 J	3.3 J	2.9 J
Mercury	MG/KG	0.03 U	0.03 U	0.03 U	0.02 U	0.03 U	0.03 U
Nickel	MG/KG	0.7 U	0.7 U	1.5 J	0.6 UJ	0.7 UJ	0.6 U
Potassium	MG/KG	101 J	46.4 J	52.9 J	304 J	62.2 J	81.3 J
Selenium	MG/KG	0.40 UJ	0.41 UJ	0.39 UJ	0.35 UJ	0.38 UJ	0.35 UJ
Silver	MG/KG	0.5 UJ	0.5 UJ	0.48 UJ	0.44 UJ	0.47 UJ	0.43 UJ
Sodium	MG/KG	12.4	26.5	17.7 U	9.1 U	25.0	13.4 U
Thallium	MG/KG	0.40 U	0.41 U	0.39 U	0.35 U	0.38 U	0.35 U
Vanadium	MG/KG	5.1	9.4	3.4	9.3	2.6	3.9
Zinc	MG/KG	1.1 J	0.31 UJ	2.9 J	4.2 J	0.97 J	1.3 UJ

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FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB24-04	1-N-SB24-07	1-N-SB25-01	1-N-SB25-06	1-N-SB26-01	1-N-SB26-04
Laboratory Sample ID:		940260-07	940260-08	940260-09	940259-01	940260-10	940260-12
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
Aluminum	MG/KG	6290	5620	2890	5030	3310	6480
Antimony	MG/KG	3.1 UJ	3.0 UJ	2.9 UJ	3.5 UJ	2.9 UJ	3.1 UJ
Arsenic	MG/KG	0.27 U	0.27 U	0.62	0.73	0.25 U	0.65
Barium	MG/KG	13.2	6.7	8.1	7.0	13.2	13.7
Beryllium	MG/KG	0.09 U	0.09 U	0.09 U	0.11 U	0.09 U	0.09 U
Cadmium	MG/KG	0.27 U	0.27 U	0.26 U	0.31 U	0.25 U	0.27 U
Calcium	MG/KG	221 J	139 J	44200 J	537 J	36400 J	298 J
Chromium	MG/KG	4.2 J	5.5 J	5.8 J	6.4 J	9.7 J	6.7 J
Cobalt	MG/KG	0.36 UJ	0.36 UJ	0.34 UJ	0.41 U	0.34 UJ	0.36 UJ
Copper	MG/KG	0.6 U	0.6 U	1.7	1.3	5.0	1.4
Iron	MG/KG	1040	1100	1510	1010	1740	1850
Lead	MG/KG	3.5 J	3.9 J	10.9 J	3.6 J	60.4 J	3.9 J
Magnesium	MG/KG	137	186	829	162 J	633	183
Manganese	MG/KG	6.4 J	4.1 J	10.6 J	4.2 J	17.1 J	5.3 J
Mercury	MG/KG	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Nickel	MG/KG	0.7 U	1.8	0.6 U	0.7 U	1.3	0.6 U
Potassium	MG/KG	142 J	286 J	143 J	336 J	131 J	250 J
Selenium	MG/KG	0.36 UJ	0.36 UJ	0.34 UJ	0.41 UJ	0.34 UJ	0.36 UJ
Silver	MG/KG	0.45 UJ	0.44 UJ	0.43 UJ	0.5 UJ	0.42 UJ	0.45 UJ
Sodium	MG/KG	13.9 U	15.3 U	55 U	18.6	49.2 U	11.9 U
Thallium	MG/KG	0.36 U	0.36 U	0.34 U	0.41 U	0.34 U	0.36 U
Vanadium	MG/KG	4.5	6.6	5.6	8.1	5.1	10.2
Zinc	MG/KG	2.0 UJ	2.0 UJ	14.5 J	3.1 J	40.9 J	2.0 UJ

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FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB27-01	1-N-SB27-05	1-N-SB28-01	1-N-SB28-04	1-N-SB29-02	1-N-SB30-03
Laboratory Sample ID:		940260-14	940259-02	940260-15	940260-16	940251-02	940251-03
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/28/94	3/29/94
	UNITS						
Aluminum	MG/KG	1440	3080	1190	5330	2020	6260
Antimony	MG/KG	3.5 UJ	3.1 UJ	3.0 UJ	2.9 UJ	3.6 UJ	3.6 UJ
Arsenic	MG/KG	0.95	0.82	0.26 U	0.26 U	0.66	3.1
Barium	MG/KG	21.3	11.0	4.0	8.4	6.7	10.3
Beryllium	MG/KG	0.10 U	0.09 U	0.09 U	0.09 U	0.11 U	0.11 U
Cadmium	MG/KG	0.31 U	0.28 U	0.26 U	0.26 U	0.32 U	0.32 U
Calcium	MG/KG	81300 J	60900 J	36500 J	1300 J	57000 J	252 J
Chromium	MG/KG	7.5 J	7.9 J	3.5 J	6.6 J	6.4 J	13.6 J
Cobalt	MG/KG	0.41 UJ	0.37 U	0.35 UJ	0.35 UJ	0.89	1.3
Copper	MG/KG	0.6 U	1.3	0.5 U	1.1	3.8	2.3
Iron	MG/KG	1210	1250	978	1110	1210	5830
Lead	MG/KG	1.0 U	2.1 J	10.5 J	4.0 J	14.6 J	6.2 J
Magnesium	MG/KG	1160	1050	556	192	908	170
Manganese	MG/KG	12.7 J	9.2 J	9.8 J	3.9 J	10.8 J	2.0 J
Mercury	MG/KG	0.03 U	0.24	0.03 U	0.03 U	0.02 U	0.03 U
Nickel	MG/KG	0.7 U	2.5	0.6 U	3.0	0.8 U	0.8 U
Potassium	MG/KG	154 J	228 J	67.2 J	371 J	105 J	215 J
Selenium	MG/KG	0.41 UJ	0.37 UJ	0.35 UJ	0.35 UJ	0.43 UJ	0.42 UJ
Silver	MG/KG	0.5 UJ	0.46 UJ	0.44 UJ	0.43 UJ	0.6 UJ	0.5 UJ
Sodium	MG/KG	161	92.8	35.1 U	15.5 U	153	14.3
Thallium	MG/KG	0.41 U	0.37 U	0.35 U	0.35 U	0.43 U	0.42 U
Vanadium	MG/KG	6.8	8.9	3.2	8.8	4.7	20.6
Zinc	MG/KG	3.3 UJ	3.9 J	3.1 UJ	2.1 UJ	33.3 J	1.3 J

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB31-01	1-N-SB31-04	1-N-SB32-01	1-N-SB32-04	1-N-SB32-07	1-N-SB33-01
Laboratory Sample ID:		940260-17	940259-03	940272-01	940271-01	940271-02	940320-05
Date Sampled:		3/29/94	3/29/94	4/5/94	4/5/94	4/5/94	4/18/94
	UNITS						
Aluminum	MG/KG	807	3880	2260	7730	2350	2120
Antimony	MG/KG	3.4 UJ	3.2 UJ	2.7 UJ	3.6 UJ	5.1 UJ	2.8 UJ
Arsenic	MG/KG	0.30 U	0.29 U	0.24 UJ	0.32 U	0.26 U	0.74
Barium	MG/KG	17.3	5.8	4.1	10.1	4.2	12.4
Beryllium	MG/KG	0.10 U	0.10 U	0.08 U	0.11 U	0.09 U	0.09 U
Cadmium	MG/KG	0.30 U	0.29 U	0.24 U	0.32 U	0.26 U	0.25 U
Calcium	MG/KG	25500 J	398 J	669 J	6450 J	98.0 J	53700 J
Chromium	MG/KG	10.0 J	5.5 J	2.6 J	14.7	3.9	6.6
Cobalt	MG/KG	0.40 UJ	0.38 U	0.31 UJ	1.1	0.35 U	0.33 U
Copper	MG/KG	0.6 U	0.6 U	0.47 U	2.2	0.5 U	2.1
Iron	MG/KG	721	1160	871	1590	498	1500
Lead	MG/KG	0.6 UJ	3.1 J	1.0 UJ	4.3	2.9	16.4
Magnesium	MG/KG	386	137	44.2	261	87.5	829
Manganese	MG/KG	6.4 J	3.3 J	4.1 J	3.2 J	1.8 J	14.2
Mercury	MG/KG	0.02 U	0.03 U	0.02 U	0.03 U	0.03 U	0.02 U
Nickel	MG/KG	0.7 U	0.7 U	1.5 J	4.4	2.1	1.2
Potassium	MG/KG	92.8 J	244 J	94.4 J	437 J	233 J	117 J
Selenium	MG/KG	0.40 UJ	0.38 UJ	0.31 UJ	0.42 UJ	0.35 UJ	0.33 UJ
Silver	MG/KG	0.49 UJ	0.47 UJ	0.39 UJ	0.5 UJ	0.44 UJ	0.42 UJ
Sodium	MG/KG	33.8 U	28.2	12.8 U	24.9 U	13.4 U	59 U
Thallium	MG/KG	0.40 U	0.38 U	0.31 U	0.42 U	0.35 U	0.33 U
Vanadium	MG/KG	4.9	8.1	3.0	12.7	4.8	3.9
Zinc	MG/KG	2.1 UJ	2.7 J	1.4 J	1.9 UJ	1.0 UJ	8.8

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB33-04	1-N-SB33-07	1-N-SB34-01	1-N-SB34-03	1-N-SB34-07	1-N-SB35-01
Laboratory Sample ID:		940320-06	940320-07	940260-18	940260-19	940260-20	940260-21
Date Sampled:		4/18/94	4/18/94	3/29/94	3/29/94	3/29/94	3/29/94
	UNITS						
Aluminum	MG/KG	8260	4470	2420	3730	5110	1370
Antimony	MG/KG	3.4 UJ	7.0	3.5 UJ	3.3 UJ	3.0 UJ	2.7 UJ
Arsenic	MG/KG	0.30 U	5.6	0.79	0.88	0.60	0.24 U
Barium	MG/KG	9.3	11.7	6.1	10.1	5.1	15.4
Beryllium	MG/KG	0.10 U	0.09 U	0.10 U	0.10 U	0.09 U	0.08 U
Cadmium	MG/KG	0.30 U	0.26 U	0.30 U	0.29 U	0.27 U	0.24 U
Calcium	MG/KG	323 J	603	61700 J	2160 J	160 J	38200 J
Chromium	MG/KG	9.3	9.3	7.6 J	5.9 J	2.4 J	5.0 J
Cobalt	MG/KG	0.39 U	0.80	0.41 UJ	0.39 UJ	0.36 UJ	0.32 UJ
Copper	MG/KG	2.0	1.6	0.6 U	1.4	0.6 U	2.3
Iron	MG/KG	1480	5960	1880	2530	680	783
Lead	MG/KG	4.4	4.5	10.1 J	7.7 J	4.7 J	11.6 J
Magnesium	MG/KG	210	257	998	170	117	609
Manganese	MG/KG	3.6	4.5	14.7 J	6.5 J	3.5 J	8.3 J
Mercury	MG/KG	0.03 U	0.03 U	0.03 U	0.02 U	0.03 U	0.03 U
Nickel	MG/KG	2.7	1.8	0.7 U	0.7 U	0.6 U	0.6 U
Potassium	MG/KG	315 J	237 J	125 J	144 J	233 J	76.4 J
Selenium	MG/KG	0.39 UJ	0.35 U	0.41 UJ	0.39 UJ	0.36 UJ	0.32 UJ
Silver	MG/KG	0.49 UJ	0.43 UJ	0.5 UJ	0.49 UJ	0.44 UJ	0.40 UJ
Sodium	MG/KG	20.6 U	24.2	138	16.2 U	12.7 U	42.3 U
Thallium	MG/KG	0.39 U	0.35 U	0.41 U	0.39 U	0.36 U	0.32 U
Vanadium	MG/KG	9.8	14.0	5.4	8.3	5.1	3.9
Zinc	MG/KG	3.3	2.8	10.3 J	9.8 J	1.3 UJ	25.1 J

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-N-SB35-06	1-N-SB36-01	1-N-SB36-06	1-N-SB37-01	1-N-SB37-02	1-GW07-03
Laboratory Sample ID:		940260-22	940225-12	940251-04	940260-23	940260-24	940289-27
Date Sampled:		3/29/94	3/29/94	3/29/94	3/29/94	3/29/94	4/12/94
	UNITS						
Aluminum	MG/KG	1900	2530	5150	1970	1890	5640
Antimony	MG/KG	3.8 UJ	3.3 UJ	3.9 UJ	3.4 UJ	3.2 UJ	3.1 U
Arsenic	MG/KG	0.34 U	0.29 U	0.34 U	0.30 U	0.28 U	1.4
Barium	MG/KG	3.7	5.9	5.8	17.8	5.1	9.4
Beryllium	MG/KG	0.11 U	0.10 U	0.12 U	0.10 U	0.09 U	0.09 U
Cadmium	MG/KG	0.34 U	0.29 U	0.34 U	0.30 U	0.28 U	0.27 U
Calcium	MG/KG	132 J	12900 J	304 J	9300 J	26300 J	77.9
Chromium	MG/KG	2.9 J	4.3	6.7 J	3.5 J	3.6 J	8.5
Cobalt	MG/KG	0.45 UJ	0.39 U	1.1	0.40 UJ	0.37 UJ	0.36 U
Copper	MG/KG	0.7 U	0.7 U	0.7 U	1.8	0.6 U	0.6 U
Iron	MG/KG	438	1300	1090	1070	1120	2240
Lead	MG/KG	3.4 J	4.3	3.3 J	2.9 J	8.6 J	4.1
Magnesium	MG/KG	49.6	223	122	176	463	232
Manganese	MG/KG	2.1 J	3.3 J	2.3 J	6.4 J	8.2 J	6.9
Mercury	MG/KG	0.03 U	0.02 U	0.03 U	0.02 U	0.03 U	0.08
Nickel	MG/KG	0.8 U	0.7 U	0.8 U	0.7 U	0.7 U	0.7 UJ
Potassium	MG/KG	128 J	30.9 U	240 J	57.8 J	81.8 J	237 J
Selenium	MG/KG	0.45 UJ	0.39 UJ	0.46 UJ	0.40 UJ	0.37 UJ	0.36 U
Silver	MG/KG	0.6 UJ	0.48 UJ	0.6 UJ	0.50 UJ	0.46 UJ	0.45 UJ
Sodium	MG/KG	13.1 U	11.1 U	35.4	20.7 U	34.4 U	6.7 U
Thallium	MG/KG	0.45 U	0.39 U	0.46 U	0.40 U	0.37 U	0.36 U
Vanadium	MG/KG	4.6	4.2	8.2	4.1	3.7	8.5
Zinc	MG/KG	1.6 UJ	2.0 UJ	2.0 J	2.1 UJ	10.6 J	3.7

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-GW07-06	1-GW08-03	1-GW08-06	1-GW09-03	1-GW10-03	1-GW10-06
Laboratory Sample ID:		940289-28	940302-02	940302-03	940289-10	940289-30	940289-31
Date Sampled:		4/12/94	4/12/94	4/12/94	4/10/94	4/11/94	4/11/94
	UNITS						
Aluminum	MG/KG	1620	3610	3300	5630	8220	8530
Antimony	MG/KG	3.2 U	4 U	3.8 U	7.0	3.8 U	7.6
Arsenic	MG/KG	1.0	2.4	1.6	0.86	2.0	5.0
Barium	MG/KG	3.7	6.30	5.9	12.2	16.2	8.3
Beryllium	MG/KG	0.10 U	0.11 U	0.11 U	0.09 U	0.11 U	0.10 U
Cadmium	MG/KG	0.26 U	0.31 U	0.34 U	0.27 U	0.33 U	0.39 U
Calcium	MG/KG	8.3 U	525	592	107	233	84.4
Chromium	MG/KG	4.5	7.30	6.7	7.4	10.2	17.5
Cobalt	MG/KG	0.38 U	0.41 U	0.45 U	0.36 U	0.44 U	0.38 U
Copper	MG/KG	0.6 U	0.6 U	1.6	1.5	1.4	2.9
Iron	MG/KG	773	4750	3190	3140	2660	9000
Lead	MG/KG	3.1	4	4.4	4.0	4.7	5.1
Magnesium	MG/KG	55.1	163	195	219	228	304
Manganese	MG/KG	3.7	2.2	4.4	4.1	3.7	4.3
Mercury	MG/KG	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Nickel	MG/KG	0.7 UJ	0.7 U	0.8 U	0.7 UJ	0.8 UJ	0.7 U
Potassium	MG/KG	84.0 J	219 J	238 J	132 J	200 J	436 J
Selenium	MG/KG	0.38 U	0.41 U	0.45 U	0.36 U	0.44 U	0.81
Silver	MG/KG	0.47 UJ	0.5 UJ	0.6 UJ	0.45 UJ	0.6 UJ	0.47 UJ
Sodium	MG/KG	6.6 U	16.20 U	14.3 U	10.7 U	12.1 U	0.38 U
Thallium	MG/KG	0.38 U	0.41 U	0.45 U	0.36 UJ	0.44 U	0.38 U
Vanadium	MG/KG	3.3	10.5	8.8	9.6	11.9	20.5
Zinc	MG/KG	0.49 U	6.4	6.9	1.3 U	3.7	5.4

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-GW11-01	1-GW12-02	1-GW16-04	1-GW16-06	1-GW16DW-04	1-GW16DW-07
Laboratory Sample ID:		940289-12	940289-14	940302-06	940302-07	940369-02	940369-03
Date Sampled:		4/10/94	4/10/94	4/13/94	4/13/94	5/2/94	5/2/94
	UNITS						
Aluminum	MG/KG	3480	7420	2160	1080	6490	2070
Antimony	MG/KG	3.1 U	3.6 U	3.0 U	3.8 U	7.0	7.6
Arsenic	MG/KG	0.83	0.32 U	2.30	0.33 U	5.60	0.26 U
Barium	MG/KG	5.2	9.7	3.9	2.1	11.7	3.1
Beryllium	MG/KG	0.09 U	0.11 U	0.09 U	0.11 U	0.09 U	0.09 U
Cadmium	MG/KG	0.28 U	0.32 U	0.34 U	0.33 U	0.26 U	0.62
Calcium	MG/KG	55.2	11.2 U	34.1	16.3 U	603.0	56.5
Chromium	MG/KG	6.8	11.8	4.0	2.4	9.3	6.2
Cobalt	MG/KG	0.37 U	0.43 U	0.35 U	0.44 U	0.80	0.98
Copper	MG/KG	0.6 U	0.7 U	0.5 U	0.7 U	1.6	0.5 U
Iron	MG/KG	2650	1910	2630	820	5960	705
Lead	MG/KG	3.2	4.6	2.6	2.2	4.5	3.0
Magnesium	MG/KG	114	216	97.2	38.6	257.0	30.8
Manganese	MG/KG	1.7 J	3.5 J	1.2	2.1	4.5	3.3
Mercury	MG/KG	0.03 U	0.04 U	0.03 U	0.03 U	0.03 U	0.03 U
Nickel	MG/KG	0.7 UJ	0.8 UJ	1.2	0.8 U	1.8	2.5
Potassium	MG/KG	168 J	289 J	143 J	52.9 J	237.0 J	47.8 J
Selenium	MG/KG	0.37 U	0.43 U	0.35 U	0.44 U	0.35 U	0.34 U
Silver	MG/KG	0.46 UJ	0.6 UJ	0.435 UJ	0.6 UJ	0.43 UJ	0.43 UJ
Sodium	MG/KG	6.6 U	12.2 U	13.95 U	17.0 U	24.2	13.5
Thallium	MG/KG	0.37 UJ	0.43 UJ	0.35 U	0.44 U	0.35 U	0.34 U
Vanadium	MG/KG	11.2	13.2	6.2	4.6	14.0	2.6
Zinc	MG/KG	1.1 U	1.5 U	0.86	0.33 U	2.8	1.1

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-GW17-05	1-GW17DW-05
Laboratory Sample ID:		940320-03	940389-02
Date Sampled:		4/19/94	5/5/94
	UNITS		
Aluminum	MG/KG	1870	3370
Antimony	MG/KG	3.3 UJ	3.2 UJ
Arsenic	MG/KG	0.79	0.28 U
Barium	MG/KG	8.1	6.6
Beryllium	MG/KG	0.10 U	0.10 U
Cadmium	MG/KG	0.29 U	0.28 U
Calcium	MG/KG	35900 J	331 J
Chromium	MG/KG	6.6	4.6
Cobalt	MG/KG	0.38 U	0.6 U
Copper	MG/KG	3.9	0.6 U
Iron	MG/KG	1620	909
Lead	MG/KG	14.5	2.6
Magnesium	MG/KG	602	132
Manganese	MG/KG	18.4	5.0
Mercury	MG/KG	0.02 U	0.03 U
Nickel	MG/KG	2.6	1.5
Potassium	MG/KG	102 J	263 J
Selenium	MG/KG	0.38 UJ	0.38 UJ
Silver	MG/KG	0.48 UJ	0.47 UJ
Sodium	MG/KG	48.7 U	6.6 U
Thallium	MG/KG	0.38 U	0.38 U
Vanadium	MG/KG	2.8	5.4
Zinc	MG/KG	15.0	1.0 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Aluminum	MG/KG	13700	4028.3	2590.7	4441.0	4649.8
Antimony	MG/KG	7.8 J	3.5	1.1	3.7	3.7
Arsenic	MG/KG	5.6	1.0	1.2	1.2	1.2
Barium	MG/KG	21.3	8.1	4.4	8.8	9.1
Beryllium	MG/KG	ND	NA	NA	NA	NA
Cadmium	MG/KG	1.1	0.3	0.1	0.3	0.3
Calcium	MG/KG	81300 J	7560.5	17095.0	10284.2	38796.5
Chromium	MG/KG	17.5	6.2	3.4	6.7	7.0
Cobalt	MG/KG	1.3	0.4	0.2	0.5	0.5
Copper	MG/KG	5	1.2	0.9	1.3	1.3
Iron	MG/KG	9320	1928.5	1782.6	2212.5	2368.2
Lead	MG/KG	60.4 J	5.0	6.2	6.0	5.5
Magnesium	MG/KG	1160	233.5	243.5	272.3	314.5
Manganese	MG/KG	61.3	6.5	7.5	7.7	8.5
Mercury	MG/KG	0.34	0.04	0.05	0.04	0.04
Nickel	MG/KG	4.4	1.3	1.0	1.5	1.5
Potassium	MG/KG	437 J	147.5	100.2	163.5	175.9
Selenium	MG/KG	1.5 J	0.4	0.1	0.4	0.4
Silver	MG/KG	1 J	0.5	0.1	0.5	0.5
Sodium	MG/KG	161	22.6	25.5	26.7	26.0
Thallium	MG/KG	ND	NA	NA	NA	NA
Vanadium	MG/KG	26.1	7.0	4.7	7.8	8.3
Zinc	MG/KG	78.6 J	5.3	11.2	7.1	5.4

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW01-01	1-GW02-01	1-GW03-01	1-GW04-01	1-GW06-01	1-GW07-01
Laboratory Sample ID:		940334-20	940334-22	940334-24	940341-05	940334-25	940341-09
Date Sampled:		4/22/94	4/22/94	4/22/94	4/24/94	4/23/94	4/24/94
	UNITS						
VOLATILES							
Chloromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	UG/L	NA	NA	NA	NA	NA	NA
Carbon Disulfide	UG/L	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene(total)	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	UG/L	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethylvinylether	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	UG/L	NA	NA	NA	NA	NA	NA
2-Hexanone	UG/L	NA	NA	NA	NA	NA	NA
Styrene	UG/L	NA	NA	NA	NA	NA	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW01-01	1-GW02-01	1-GW03-01	1-GW04-01	1-GW06-01	1-GW07-01
Laboratory Sample ID:		940334-20	940334-22	940334-24	940341-05	940334-25	940341-09
Date Sampled:		4/22/94	4/22/94	4/22/94	4/24/94	4/23/94	4/24/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethyl) ether	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorophenol	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,2'-oxybis-(1-chloropropane)	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Nitrobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Isophorone	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Chloroaniline	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Chloro-3-methylphenol	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
2-Chloronaphthalene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
Dimethyl phthalate	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthylene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
Acenaphthene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW01-01	1-GW02-01	1-GW03-01	1-GW04-01	1-GW06-01	1-GW07-01
Laboratory Sample ID:		940334-20	940334-22	940334-24	940341-05	940334-25	940341-09
Date Sampled:		4/22/94	4/22/94	4/22/94	4/24/94	4/23/94	4/24/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
4-Nitrophenol	UG/L	13 UJ	13 U	13 U		13 U	
Dibenzofuran	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	UG/L	5 UJ	5 U	5 U	5 U	5 U	5 U
4-Chlorophenyl phenyl ether	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Fluorene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitroaniline	UG/L	13 U	13 U	13 U	13 UJ	13 U	13 UJ
4,6-Dinitro-2-methylphenol	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
N-nitrosodiphenylamine	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Bromophenyl-phenylether	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Pentachlorophenol	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
Phenanthrene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Anthracene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Carbazole	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
di-n-Butylphthalate	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Fluoranthene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Pyrene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Butyl benzyl phthalate	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	UG/L	5 UJ	5 U	5 U		5 U	
Benzo[a]anthracene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Chrysene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
di-n-Octylphthalate	UG/L	5 U	5 UJ	5 U	5 U	5 U	5 U
Benzo[b]fluoranthene	UG/L	5 U	5 UJ	5 U	5 U	5 U	5 U
Benzo[k]fluoranthene	UG/L	5 U	5 UJ	5 U	5 U	5 U	5 U
Benzo[a]pyrene	UG/L	5 U	5 UJ	5 U	5 U	5 U	5 U
Indeno[1,2,3-cd]pyrene	UG/L	5 U	5 UJ	5 U	5 U	5 U	5 U
Dibenz[a,h]anthracene	UG/L	5 U	5 UJ	5 U	5 U	5 U	5 U
Benzo[g,h,i]perylene	UG/L	5 U	5 UJ	5 U	5 U	5 U	5 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW01-01	1-GW02-01	1-GW03-01	1-GW04-01	1-GW06-01	1-GW07-01
Laboratory Sample ID:		940334-20	940334-22	940334-24	940341-05	940334-25	940341-09
Date Sampled:		4/22/94	4/22/94	4/22/94	4/24/94	4/23/94	4/24/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/L	NA	NA	NA	0.03 UJ	0.03 U	NA
beta-BHC	UG/L	NA	NA	NA	0.03 UJ	0.03 U	NA
delta-BHC	UG/L	NA	NA	NA	0.03 UJ	0.03 U	NA
Lindane (gamma-BHC)	UG/L	NA	NA	NA	0.03 UJ	0.03 U	NA
Heptachlor	UG/L	NA	NA	NA	0.03 UJ	0.03 U	NA
Aldrin	UG/L	NA	NA	NA	0.03 UJ	0.03 U	NA
Heptachlor epoxide	UG/L	NA	NA	NA	0.03 UJ	0.03 U	NA
Endosulfan I	UG/L	NA	NA	NA	0.03 UJ	0.03 U	NA
Dieldrin	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
4,4'-DDE	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
Endrin	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
Endosulfan II	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
4,4'-DDD	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
Endosulfan sulfate	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
4,4'-DDT	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
Methoxychlor	UG/L	NA	NA	NA	0.25 UJ	0.25 U	NA
Endrin ketone	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
Endrin aldehyde	UG/L	NA	NA	NA	0.05 UJ	0.05 U	NA
alpha-Chlordane	UG/L	NA	NA	NA	0.03 UJ	0.03 U	NA
gamma-Chlordane	UG/L	NA	NA	NA	0.03 UJ	0.03 U	NA
Toxaphene	UG/L	NA	NA	NA	2.5 UJ	2.5 U	NA
Aroclor 1016	UG/L	NA	NA	NA	0.5 UJ	0.5 U	NA
Aroclor 1221	UG/L	NA	NA	NA	1.0 UJ	1.0 U	NA
Aroclor 1232	UG/L	NA	NA	NA	0.5 UJ	0.5 U	NA
Aroclor 1242	UG/L	NA	NA	NA	0.5 UJ	0.5 U	NA
Aroclor 1248	UG/L	NA	NA	NA	0.5 UJ	0.5 U	NA
Aroclor 1254	UG/L	NA	NA	NA	0.5 UJ	0.5 U	NA
Aroclor 1260	UG/L	NA	NA	NA	0.5 UJ	0.5 U	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW08-01	1-GW09-01	1-GW10-01	1-GW11-01	1-GW12-01	1-GW13-01
Laboratory Sample ID:		940341-11	940341-13	940341-15	940341-17	940341-19	940334-27
Date Sampled:		4/24/94	4/24/94	4/24/94	4/24/94	4/24/94	4/23/94
	UNITS						
VOLATILES							
Chloromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	UG/L	1 U	1 U	2	1 U	1 U	1 U
Chloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	UG/L	NA	NA	NA	NA	NA	NA
Carbon Disulfide	UG/L	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene(total)	UG/L	1 U	1 U	10	1 U	1 U	1 U
Chloroform	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	UG/L	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	UG/L	1 U	1 U	4	1 J	1 U	1 U
Dibromochloromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethylvinylether	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	UG/L	1 U	1 U	1 U	1 U	3	1 U
1,3-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	UG/L	NA	NA	NA	NA	NA	NA
2-Hexanone	UG/L	NA	NA	NA	NA	NA	NA
Styrene	UG/L	NA	NA	NA	NA	NA	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW08-01	1-GW09-01	1-GW10-01	1-GW11-01	1-GW12-01	1-GW13-01
Laboratory Sample ID:		940341-11	940341-13	940341-15	940341-17	940341-19	940334-27
Date Sampled:		4/24/94	4/24/94	4/24/94	4/24/94	4/24/94	4/23/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
bis(2-Chloroethyl) ether	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
2-Chlorophenol	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
1,3-Dichlorobenzene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
1,4-Dichlorobenzene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
1,2-Dichlorobenzene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
2-Methylphenol	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
2,2'-oxybis-(1-chloropropane)	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
4-Methylphenol	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Hexachloroethane	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Nitrobenzene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Isophorone	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
2-Nitrophenol	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
2,4-Dimethylphenol	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
2,4-Dichlorophenol	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Naphthalene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
4-Chloroaniline	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Hexachlorobutadiene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
4-Chloro-3-methylphenol	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
2-Methylnaphthalene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Hexachlorocyclopentadiene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
2,4,6-Trichlorophenol	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
2,4,5-Trichlorophenol	UG/L	13 U	13 UJ	13 UJ	13 U	13 U	13 U
2-Chloronaphthalene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
2-Nitroaniline	UG/L	13 U	13 UJ	13 UJ	13 U	13 U	13 U
Dimethyl phthalate	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Acenaphthylene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
2,6-Dinitrotoluene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
3-Nitroaniline	UG/L	13 U	13 UJ	13 UJ	13 U	13 U	13 U
Acenaphthene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW08-01	1-GW09-01	1-GW10-01	1-GW11-01	1-GW12-01	1-GW13-01
Laboratory Sample ID:		940341-11	940341-13	940341-15	940341-17	940341-19	940334-27
Date Sampled:		4/24/94	4/24/94	4/24/94	4/24/94	4/24/94	4/23/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	13 U	13 UJ	13 UJ	13 U	13 U	13 U
4-Nitrophenol	UG/L		13 UJ				13 U
Dibenzofuran	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
2,4-Dinitrotoluene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Diethylphthalate	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
4-Chlorophenyl phenyl ether	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Fluorene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
4-Nitroaniline	UG/L	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ	13 U
4,6-Dinitro-2-methylphenol	UG/L	13 U	13 UJ	13 UJ	13 U	13 U	13 U
N-nitrosodiphenylamine	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
4-Bromophenyl-phenylether	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Hexachlorobenzene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Pentachlorophenol	UG/L	13 U	13 UJ	13 UJ	13 U	13 U	13 U
Phenanthrene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Anthracene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Carbazole	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
di-n-Butylphthalate	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Fluoranthene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Pyrene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Butyl benzyl phthalate	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
3,3'-Dichlorobenzidine	UG/L		5 UJ				5 U
Benzo[a]anthracene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Chrysene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	UG/L	5 U	5 UJ	5 UJ	1 J	1 J	1 J
di-n-Octylphthalate	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Benzo[b]fluoranthene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Benzo[k]fluoranthene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Benzo[a]pyrene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Indeno[1,2,3-cd]pyrene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Dibenz[a,h]anthracene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Benzo[g,h,i]perylene	UG/L	5 U	5 UJ	5 UJ	5 U	5 U	5 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW08-01	1-GW09-01	1-GW10-01	1-GW11-01	1-GW12-01	1-GW13-01
Laboratory Sample ID:		940341-11	940341-13	940341-15	940341-17	940341-19	940334-27
Date Sampled:		4/24/94	4/24/94	4/24/94	4/24/94	4/24/94	4/23/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/L	NA	NA	NA	0.03 UJ	NA	NA
beta-BHC	UG/L	NA	NA	NA	0.03 UJ	NA	NA
delta-BHC	UG/L	NA	NA	NA	0.03 UJ	NA	NA
Lindane (gamma-BHC)	UG/L	NA	NA	NA	0.03 UJ	NA	NA
Heptachlor	UG/L	NA	NA	NA	0.03 UJ	NA	NA
Aldrin	UG/L	NA	NA	NA	0.03 UJ	NA	NA
Heptachlor epoxide	UG/L	NA	NA	NA	0.03 UJ	NA	NA
Endosulfan I	UG/L	NA	NA	NA	0.03 UJ	NA	NA
Dieldrin	UG/L	NA	NA	NA	0.05 UJ	NA	NA
4,4'-DDE	UG/L	NA	NA	NA	0.05 UJ	NA	NA
Endrin	UG/L	NA	NA	NA	0.05 UJ	NA	NA
Endosulfan II	UG/L	NA	NA	NA	0.05 UJ	NA	NA
4,4'-DDD	UG/L	NA	NA	NA	0.05 UJ	NA	NA
Endosulfan sulfate	UG/L	NA	NA	NA	0.05 UJ	NA	NA
4,4'-DDT	UG/L	NA	NA	NA	0.05 UJ	NA	NA
Methoxychlor	UG/L	NA	NA	NA	0.25 UJ	NA	NA
Endrin ketone	UG/L	NA	NA	NA	0.05 UJ	NA	NA
Endrin aldehyde	UG/L	NA	NA	NA	0.05 UJ	NA	NA
alpha-Chlordane	UG/L	NA	NA	NA	0.03 UJ	NA	NA
gamma-Chlordane	UG/L	NA	NA	NA	0.03 UJ	NA	NA
Toxaphene	UG/L	NA	NA	NA	2.5 UJ	NA	NA
Aroclor 1016	UG/L	NA	NA	NA	0.5 UJ	NA	NA
Aroclor 1221	UG/L	NA	NA	NA	1.0 UJ	NA	NA
Aroclor 1232	UG/L	NA	NA	NA	0.5 UJ	NA	NA
Aroclor 1242	UG/L	NA	NA	NA	0.5 UJ	NA	NA
Aroclor 1248	UG/L	NA	NA	NA	0.5 UJ	NA	NA
Aroclor 1254	UG/L	NA	NA	NA	0.5 UJ	NA	NA
Aroclor 1260	UG/L	NA	NA	NA	0.5 UJ	NA	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW14-01	1-GW15-01	1-GW16DW-01	1-GW16-01	1-GW17DW-01	1-GW17-01
Laboratory Sample ID:		940341-21	940334-29	940389-10	940341-23	940460-01	940341-25
Date Sampled:		4/24/94	4/23/94	5/9/94	4/24/94	5/25/94	4/24/94
	UNITS						
VOLATILES							
Chloromethane	UG/L	1 U	5 U	1 J	1 U	5 U	1 U
Bromomethane	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
Vinyl chloride	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
Chloroethane	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
Methylene chloride	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
Acetone	UG/L	NA	NA	NA	NA	76	NA
Carbon Disulfide	UG/L	NA	NA	NA	NA	5 U	NA
1,1-Dichloroethene	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
1,1-Dichloroethane	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
1,2-Dichloroethene(total)	UG/L	1 U	5 U	1 U	1 U	5 U	1 J
Chloroform	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
1,2-Dichloroethane	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
2-Butanone	UG/L	NA	NA	NA	NA	5 U	NA
1,1,1-Trichloroethane	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
Carbon tetrachloride	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
Bromodichloromethane	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
1,2-Dichloropropane	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
cis-1,3-Dichloropropene	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
Trichloroethene	UG/L	1 U	5 U	1 U	1 U	5 U	27
Dibromochloromethane	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
1,1,2-Trichloroethane	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
Benzene	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
trans-1,3-Dichloropropene	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
2-Chloroethylvinylether	UG/L	1 U	5 U		1 U	NA	1 U
Bromoform	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
Tetrachloroethene	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
1,1,2,2-Tetrachloroethane	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
Toluene	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
Chlorobenzene	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
Ethylbenzene	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
Xylene (total)	UG/L	1 U	5 U	1 U	1 U	5 U	1 U
1,3-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	NA	1 U
1,4-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	NA	1 U
1,2-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	NA	1 U
Trichlorofluoromethane	UG/L	1 U	1 U	1 U	1 U	NA	1 U
4-Methyl-2-pentanone	UG/L	NA	NA	NA	NA	5 U	NA
2-Hexanone	UG/L	NA	NA	NA	NA	5 U	NA
Styrene	UG/L	NA	NA	NA	NA	5 U	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW14-01	1-GW15-01	1-GW16DW-01	1-GW16-01	1-GW17DW-01	1-GW17-01
Laboratory Sample ID:		940341-21	940334-29	940389-10	940341-23	940460-01	940341-25
Date Sampled:		4/24/94	4/23/94	5/9/94	4/24/94	5/25/94	4/24/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/L	5 U	5 U	5 U	6 J	5 U	
bis(2-Chloroethyl) ether	UG/L	5 U	5 U	5 U	5 U	5 U	
2-Chlorophenol	UG/L	5 U	5 U	5 U	5 U	5 U	
1,3-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	
1,4-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	
1,2-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	
2-Methylphenol	UG/L	5 U	5 U	5 U	5 U	5 U	
2,2'-oxybis-(1-chloropropane)	UG/L	5 U	5 UJ	5 U	5 U	5 U	
4-Methylphenol	UG/L	5 U	5 U	5 U	5 U	5 U	
N-Nitroso-di-n-propylamine	UG/L	5 U	5 U	5 U	5 U	5 U	
Hexachloroethane	UG/L	5 U	5 U	5 U	5 U	5 U	
Nitrobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	
Isophorone	UG/L	5 U	5 U	5 U	5 U	5 U	
2-Nitrophenol	UG/L	5 U	5 U	5 U	5 U	5 U	
2,4-Dimethylphenol	UG/L	5 U	5 U	5 U	5 U	5 U	
bis(2-Chloroethoxy) methane	UG/L	5 U	5 U	5 U	5 U	5 U	
2,4-Dichlorophenol	UG/L	5 U	5 U	5 U	5 U	5 U	
1,2,4-Trichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	
Naphthalene	UG/L	5 U	5 U	5 U	5 U	5 U	
4-Chloroaniline	UG/L	5 U	5 U	5 U	5 U	5 U	
Hexachlorobutadiene	UG/L	5 U	5 U	5 U	5 U	5 U	
4-Chloro-3-methylphenol	UG/L	5 U	5 U	5 U	5 U	5 U	
2-Methylnaphthalene	UG/L	5 U	5 U	5 U	5 U	5 U	
Hexachlorocyclopentadiene	UG/L	5 U	5 U	5 U	5 U	5 U	
2,4,6-Trichlorophenol	UG/L	5 U	5 U	5 U	5 U	5 U	
2,4,5-Trichlorophenol	UG/L	13 U	13 U	13 U	13 U	13 U	
2-Chloronaphthalene	UG/L	5 U	5 U	5 U	5 U	5 U	
2-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U	
Dimethyl phthalate	UG/L	5 U	5 U	5 U	5 U	5 U	
Acenaphthylene	UG/L	5 U	5 U	5 U	5 U	5 U	
2,6-Dinitrotoluene	UG/L	5 U	5 U	5 U	5 U	5 U	
3-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U	
Acenaphthene	UG/L	5 U	5 U	5 U	5 U	5 U	

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW14-01	1-GW15-01	1-GW16DW-01	1-GW16-01	1-GW17DW-01	1-GW17-01
Laboratory Sample ID:		940341-21	940334-29	940389-10	940341-23	940460-01	940341-25
Date Sampled:		4/24/94	4/23/94	5/9/94	4/24/94	5/25/94	4/24/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L		13 U	13 U	13 U	13 U	13 U
4-Nitrophenol	UG/L		13 U	13 U	13 U	13 UJ	13 U
Dibenzofuran	UG/L		5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	UG/L		5 U	5 U	5 U	5 U	5 U
Diethylphthalate	UG/L		5 U	5 U	5 U	1 J	5 U
4-Chlorophenyl phenyl ether	UG/L		5 U	5 U	5 U	5 U	5 U
Fluorene	UG/L		5 U	5 U	5 U	5 U	5 U
4-Nitroaniline	UG/L		13 U	13 U	13 U	13 U	13 U
4,6-Dinitro-2-methylphenol	UG/L		13 U	13 U	13 U	13 U	13 U
N-nitrosodiphenylamine	UG/L		5 U	5 U	5 U	5 U	5 U
4-Bromophenyl-phenylether	UG/L		5 U	5 U	5 U	5 U	5 U
Hexachlorobenzene	UG/L		5 U	5 U	5 U	5 U	5 U
Pentachlorophenol	UG/L		13 U	13 U	13 U	13 U	13 U
Phenanthrene	UG/L		5 U	5 U	5 U	5 U	5 U
Anthracene	UG/L		5 U	5 U	5 U	5 U	5 U
Carbazole	UG/L		5 U	5 U	5 U	5 U	5 U
di-n-Butylphthalate	UG/L		5 U	5 U	5 U	5 U	5 U
Fluoranthene	UG/L		5 U	5 U	5 U	5 U	5 U
Pyrene	UG/L		5 U	5 U	5 U	5 U	5 U
Butyl benzyl phthalate	UG/L		5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	UG/L		5 U	5 U	5 U	5 U	5 U
Benzo[a]anthracene	UG/L		5 U	5 U	5 U	5 U	5 U
Chrysene	UG/L		5 U	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	UG/L	3 J	5 U	30 J	1 J	5 U	5 U
di-n-Octylphthalate	UG/L		5 U	5 U	5 U	5 UJ	5 U
Benzo[b]fluoranthene	UG/L		5 U	5 U	5 U	5 UJ	5 U
Benzo[k]fluoranthene	UG/L		5 U	5 U	5 U	5 UJ	5 U
Benzo[a]pyrene	UG/L		5 U	5 U	5 U	5 UJ	5 U
Indeno[1,2,3-cd]pyrene	UG/L		5 U	5 U	5 U	5 UJ	5 U
Dibenz[a,h]anthracene	UG/L		5 U	5 U	5 U	5 UJ	5 U
Benzo[g,h,i]perylene	UG/L		5 U	5 U	5 U	5 UJ	5 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-GW14-01	1-GW15-01	1-GW16DW-01	1-GW16-01	1-GW17DW-01	1-GW17-01
Laboratory Sample ID:		940341-21	940334-29	940389-10	940341-23	940460-01	940341-25
Date Sampled:		4/24/94	4/23/94	5/9/94	4/24/94	5/25/94	4/24/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/L	NA	NA	NA	0.03 UJ	NA	0.03 UJ
beta-BHC	UG/L	NA	NA	NA	0.03 UJ	NA	0.03 UJ
delta-BHC	UG/L	NA	NA	NA	0.03 UJ	NA	0.03 UJ
Lindane (gamma-BHC)	UG/L	NA	NA	NA	0.03 UJ	NA	0.03 UJ
Heptachlor	UG/L	NA	NA	NA	0.03 UJ	NA	0.03 UJ
Aldrin	UG/L	NA	NA	NA	0.03 UJ	NA	0.03 UJ
Heptachlor epoxide	UG/L	NA	NA	NA	0.03 UJ	NA	0.03 UJ
Endosulfan I	UG/L	NA	NA	NA	0.03 UJ	NA	0.03 UJ
Dieldrin	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
4,4'-DDE	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
Endrin	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
Endosulfan II	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
4,4'-DDD	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
Endosulfan sulfate	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
4,4'-DDT	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
Methoxychlor	UG/L	NA	NA	NA	0.25 UJ	NA	0.25 UJ
Endrin ketone	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
Endrin aldehyde	UG/L	NA	NA	NA	0.05 UJ	NA	0.05 UJ
alpha-Chlordane	UG/L	NA	NA	NA	0.03 UJ	NA	0.03 UJ
gamma-Chlordane	UG/L	NA	NA	NA	0.03 UJ	NA	0.03 UJ
Toxaphene	UG/L	NA	NA	NA	2.5 UJ	NA	2.5 UJ
Aroclor 1016	UG/L	NA	NA	NA	0.5 UJ	NA	0.5 UJ
Aroclor 1221	UG/L	NA	NA	NA	1.0 UJ	NA	1.0 UJ
Aroclor 1232	UG/L	NA	NA	NA	0.5 UJ	NA	0.5 UJ
Aroclor 1242	UG/L	NA	NA	NA	0.5 UJ	NA	0.5 UJ
Aroclor 1248	UG/L	NA	NA	NA	0.5 UJ	NA	0.5 UJ
Aroclor 1254	UG/L	NA	NA	NA	0.5 UJ	NA	0.5 UJ
Aroclor 1260	UG/L	NA	NA	NA	0.5 UJ	NA	0.5 UJ

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-HP638-01
Laboratory Sample ID:		940296-01
Date Sampled:		4/11/94
	UNITS	
VOLATILES		
Chloromethane	UG/L	1 U
Bromomethane	UG/L	1 U
Vinyl chloride	UG/L	1 U
Chloroethane	UG/L	1 U
Methylene chloride	UG/L	1 U
Acetone	UG/L	NA
Carbon Disulfide	UG/L	NA
1,1-Dichloroethene	UG/L	1 U
1,1-Dichloroethane	UG/L	1 U
1,2-Dichloroethene(total)	UG/L	1 U
Chloroform	UG/L	1 U
1,2-Dichloroethane	UG/L	1 U
2-Butanone	UG/L	NA
1,1,1-Trichloroethane	UG/L	1 U
Carbon tetrachloride	UG/L	1 U
Bromodichloromethane	UG/L	1 U
1,2-Dichloropropane	UG/L	1 U
cis-1,3-Dichloropropene	UG/L	1 U
Trichloroethene	UG/L	1 U
Dibromochloromethane	UG/L	1 U
1,1,2-Trichloroethane	UG/L	1 U
Benzene	UG/L	1 U
trans-1,3-Dichloropropene	UG/L	1 U
2-Chloroethylvinylether	UG/L	1 U
Bromoform	UG/L	1 U
Tetrachloroethene	UG/L	1 U
1,1,2,2-Tetrachloroethane	UG/L	1 U
Toluene	UG/L	1 U
Chlorobenzene	UG/L	1 U
Ethylbenzene	UG/L	1 U
Xylene (total)	UG/L	1 U
1,3-Dichlorobenzene	UG/L	1 U
1,4-Dichlorobenzene	UG/L	1 U
1,2-Dichlorobenzene	UG/L	1 U
Trichlorofluoromethane	UG/L	1 U
4-Methyl-2-pentanone	UG/L	NA
2-Hexanone	UG/L	NA
Styrene	UG/L	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-HP636-01
Laboratory Sample ID:		940296-01
Date Sampled:		4/11/94
	UNITS	
SEMIVOLATILES		
Phenol	UG/L	5 U
bis(2-Chloroethyl) ether	UG/L	5 U
2-Chlorophenol	UG/L	5 U
1,3-Dichlorobenzene	UG/L	5 U
1,4-Dichlorobenzene	UG/L	5 U
1,2-Dichlorobenzene	UG/L	5 U
2-Methylphenol	UG/L	5 U
2,2'-oxybis-(1-chloropropane)	UG/L	5 U
4-Methylphenol	UG/L	5 U
N-Nitroso-di-n-propylamine	UG/L	5 U
Hexachloroethane	UG/L	5 U
Nitrobenzene	UG/L	5 U
Isophorone	UG/L	5 U
2-Nitrophenol	UG/L	5 U
2,4-Dimethylphenol	UG/L	5 U
bis(2-Chloroethoxy) methane	UG/L	5 U
2,4-Dichlorophenol	UG/L	5 U
1,2,4-Trichlorobenzene	UG/L	5 U
Naphthalene	UG/L	5 U
4-Chloroaniline	UG/L	5 U
Hexachlorobutadiene	UG/L	5 U
4-Chloro-3-methylphenol	UG/L	5 U
2-Methylnaphthalene	UG/L	5 U
Hexachlorocyclopentadiene	UG/L	5 U
2,4,6-Trichlorophenol	UG/L	5 U
2,4,5-Trichlorophenol	UG/L	13 U
2-Chloronaphthalene	UG/L	5 U
2-Nitroaniline	UG/L	13 U
Dimethyl phthalate	UG/L	5 U
Acenaphthylene	UG/L	5 U
2,6-Dinitrotoluene	UG/L	5 U
3-Nitroaniline	UG/L	13 U
Acenaphthene	UG/L	5 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-HP638-01
Laboratory Sample ID:		940296-01
Date Sampled:		4/11/94
	UNITS	
SEMIVOLATILES Cont.		
2,4-Dinitrophenol	UG/L	13 U
4-Nitrophenol	UG/L	13 U
Dibenzofuran	UG/L	5 U
2,4-Dinitrotoluene	UG/L	5 U
Diethylphthalate	UG/L	5 U
4-Chlorophenyl phenyl ether	UG/L	5 U
Fluorene	UG/L	5 U
4-Nitroaniline	UG/L	13 U
4,6-Dinitro-2-methylphenol	UG/L	13 U
N-nitrosodiphenylamine	UG/L	5 U
4-Bromophenyl-phenylether	UG/L	5 U
Hexachlorobenzene	UG/L	5 U
Pentachlorophenol	UG/L	13 U
Phenanthrene	UG/L	5 U
Anthracene	UG/L	5 U
Carbazole	UG/L	5 U
di-n-Butylphthalate	UG/L	5 U
Fluoranthene	UG/L	5 U
Pyrene	UG/L	5 U
Butyl benzyl phthalate	UG/L	5 U
3,3'-Dichlorobenzidine	UG/L	5 U
Benzo[a]anthracene	UG/L	5 U
Chrysene	UG/L	5 U
bis(2-Ethylhexyl)phthalate	UG/L	5 U
di-n-Octylphthalate	UG/L	5 U
Benzo[b]fluoranthene	UG/L	5 U
Benzo[k]fluoranthene	UG/L	5 U
Benzo[a]pyrene	UG/L	5 U
Indeno[1,2,3-cd]pyrene	UG/L	5 U
Dibenz[a,h]anthracene	UG/L	5 U
Benzo[g,h,i]perylene	UG/L	5 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		1-HP638-01
Laboratory Sample ID:		940296-01
Date Sampled:		4/11/94
	UNITS	
PESTICIDES/PCBs		
alpha-BHC	UG/L	NA
beta-BHC	UG/L	NA
delta-BHC	UG/L	NA
Lindane (gamma-BHC)	UG/L	NA
Heptachlor	UG/L	NA
Aldrin	UG/L	NA
Heptachlor epoxide	UG/L	NA
Endosulfan I	UG/L	NA
Dieldrin	UG/L	NA
4,4'-DDE	UG/L	NA
Endrin	UG/L	NA
Endosulfan II	UG/L	NA
4,4'-DDD	UG/L	NA
Endosulfan sulfate	UG/L	NA
4,4'-DDT	UG/L	NA
Methoxychlor	UG/L	NA
Endrin ketone	UG/L	NA
Endrin aldehyde	UG/L	NA
alpha-Chlordane	UG/L	NA
gamma-Chlordane	UG/L	NA
Toxaphene	UG/L	NA
Aroclor 1016	UG/L	NA
Aroclor 1221	UG/L	NA
Aroclor 1232	UG/L	NA
Aroclor 1242	UG/L	NA
Aroclor 1248	UG/L	NA
Aroclor 1254	UG/L	NA
Aroclor 1260	UG/L	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/L	1 J	1.4	1.3	1.9	1.7
Bromomethane	UG/L	ND	NA	NA	NA	NA
Vinyl chloride	UG/L	2	1.5	1.3	2.0	1.8
Chloroethane	UG/L	ND	NA	NA	NA	NA
Methylene chloride	UG/L	ND	NA	NA	NA	NA
Acetone	UG/L	76	76.0	NA	NA	NA
Carbon Disulfide	UG/L	ND	NA	NA	NA	NA
1,1-Dichloroethene	UG/L	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/L	10	1.9	2.3	2.8	2.6
Chloroform	UG/L	ND	NA	NA	NA	NA
1,2-Dichloroethane	UG/L	ND	NA	NA	NA	NA
2-Butanone	UG/L	ND	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/L	ND	NA	NA	NA	NA
Carbon tetrachloride	UG/L	ND	NA	NA	NA	NA
Bromodichloromethane	UG/L	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/L	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/L	ND	NA	NA	NA	NA
Trichloroethene	UG/L	27	2.9	6.0	5.3	4.1
Dibromochloromethane	UG/L	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/L	ND	NA	NA	NA	NA
Benzene	UG/L	ND	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/L	ND	NA	NA	NA	NA
2-Chloroethylvinylether	UG/L	2 R	NA	NA	NA	NA
Bromoform	UG/L	ND	NA	NA	NA	NA
Tetrachloroethene	UG/L	ND	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/L	ND	NA	NA	NA	NA
Toluene	UG/L	ND	NA	NA	NA	NA
Chlorobenzene	UG/L	ND	NA	NA	NA	NA
Ethylbenzene	UG/L	ND	NA	NA	NA	NA
Xylene (total)	UG/L	3	1.5	1.3	2.0	1.9
1,3-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
Trichlorofluoromethane	UG/L	ND	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/L	ND	NA	NA	NA	NA
2-Hexanone	UG/L	ND	NA	NA	NA	NA
Styrene	UG/L	ND	NA	NA	NA	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/L	10 R	5.1	0.3	5.2	5.2
bis(2-Chloroethyl) ether	UG/L	10 R	NA	NA	NA	NA
2-Chlorophenol	UG/L	10 R	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	10 R	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	10 R	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	10 R	NA	NA	NA	NA
2-Methylphenol	UG/L	10 R	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/L	10 R	NA	NA	NA	NA
4-Methylphenol	UG/L	10 R	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/L	10 R	NA	NA	NA	NA
Hexachloroethane	UG/L	10 R	NA	NA	NA	NA
Nitrobenzene	UG/L	10 R	NA	NA	NA	NA
Isophorone	UG/L	10 R	NA	NA	NA	NA
2-Nitrophenol	UG/L	10 R	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	10 R	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/L	10 R	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	10 R	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	10 R	NA	NA	NA	NA
Naphthalene	UG/L	10 R	NA	NA	NA	NA
4-Chloroaniline	UG/L	10 R	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	10 R	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	10 R	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	10 R	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/L	10 R	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/L	10 R	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/L	25 R	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10 R	NA	NA	NA	NA
2-Nitroaniline	UG/L	25 R	NA	NA	NA	NA
Dimethyl phthalate	UG/L	10 R	NA	NA	NA	NA
Acenaphthylene	UG/L	10 R	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	10 R	NA	NA	NA	NA
3-Nitroaniline	UG/L	25 R	NA	NA	NA	NA
Acenaphthene	UG/L	10 R	NA	NA	NA	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/L	25 R	NA	NA	NA	NA
4-Nitrophenol	UG/L	25 R	NA	NA	NA	NA
Dibenzofuran	UG/L	10 R	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	10 R	NA	NA	NA	NA
Diethylphthalate	UG/L	10 R	4.8	0.9	5.2	5.7
4-Chlorophenyl phenyl ether	UG/L	10 R	NA	NA	NA	NA
Fluorene	UG/L	10 R	NA	NA	NA	NA
4-Nitroaniline	UG/L	25 R	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	25 R	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/L	10 R	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	10 R	NA	NA	NA	NA
Hexachlorobenzene	UG/L	10 R	NA	NA	NA	NA
Pentachlorophenol	UG/L	25 R	NA	NA	NA	NA
Phenanthrene	UG/L	10 R	NA	NA	NA	NA
Anthracene	UG/L	10 R	NA	NA	NA	NA
Carbazole	UG/L	10 R	NA	NA	NA	NA
di-n-Butylphthalate	UG/L	10 R	NA	NA	NA	NA
Fluoranthene	UG/L	10 R	NA	NA	NA	NA
Pyrene	UG/L	10 R	NA	NA	NA	NA
Butyl benzyl phthalate	UG/L	10 R	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	10 R	NA	NA	NA	NA
Benzo[a]anthracene	UG/L	10 R	NA	NA	NA	NA
Chrysene	UG/L	10 R	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	30 J	5.4	6.2	7.8	8.4
di-n-Octylphthalate	UG/L	10 R	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/L	10 R	NA	NA	NA	NA
Benzo[k]fluoranthene	UG/L	10 R	NA	NA	NA	NA
Benzo[a]pyrene	UG/L	10 R	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	UG/L	10 R	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/L	10 R	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/L	10 R	NA	NA	NA	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
PESTICIDES/PCBs						
alpha-BHC	UG/L	ND	NA	NA	NA	NA
beta-BHC	UG/L	ND	NA	NA	NA	NA
delta-BHC	UG/L	ND	NA	NA	NA	NA
Lindane (gamma-BHC)	UG/L	ND	NA	NA	NA	NA
Heptachlor	UG/L	ND	NA	NA	NA	NA
Aldrin	UG/L	ND	NA	NA	NA	NA
Heptachlor epoxide	UG/L	ND	NA	NA	NA	NA
Endosulfan I	UG/L	ND	NA	NA	NA	NA
Dieldrin	UG/L	ND	NA	NA	NA	NA
4,4'-DDE	UG/L	ND	NA	NA	NA	NA
Endrin	UG/L	ND	NA	NA	NA	NA
Endosulfan II	UG/L	ND	NA	NA	NA	NA
4,4'-DDD	UG/L	ND	NA	NA	NA	NA
Endosulfan sulfate	UG/L	ND	NA	NA	NA	NA
4,4'-DDT	UG/L	ND	NA	NA	NA	NA
Methoxychlor	UG/L	ND	NA	NA	NA	NA
Endrin ketone	UG/L	ND	NA	NA	NA	NA
Endrin aldehyde	UG/L	ND	NA	NA	NA	NA
alpha-Chlordane	UG/L	ND	NA	NA	NA	NA
gamma-Chlordane	UG/L	ND	NA	NA	NA	NA
Toxaphene	UG/L	ND	NA	NA	NA	NA
Aroclor 1016	UG/L	ND	NA	NA	NA	NA
Aroclor 1221	UG/L	ND	NA	NA	NA	NA
Aroclor 1232	UG/L	ND	NA	NA	NA	NA
Aroclor 1242	UG/L	ND	NA	NA	NA	NA
Aroclor 1248	UG/L	ND	NA	NA	NA	NA
Aroclor 1254	UG/L	ND	NA	NA	NA	NA
Aroclor 1260	UG/L	ND	NA	NA	NA	NA

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-GW01-01	1-GW02-01	1-GW03-01	1-GW04-01	1-GW06-01	1-GW07-01
Laboratory Sample ID:		940334-20	940334-22	940341-03	940341-05	940334-25	940341-09
Date Sampled:		4/22/94	4/22/94	4/22/94	4/24/94	4/23/94	4/24/94
	UNITS						
Aluminum	UG/L	108000	192000 J	77400 J	62500 J	91100 J	28000 J
Antimony	UG/L	34.3	17.0 UJ	17.0 UJ	17.0 UJ	17.0 UJ	17.0 UJ
Arsenic	UG/L	130	168	10.2	13.4	8.6	9.1
Barium	UG/L	327	454	134	261	178	141
Beryllium	UG/L	19.3	20.7	0.5 U	5.0	0.5 U	0.5 U
Cadmium	UG/L	27.7	30.6	1.5 U	5.6	3.8	7.0
Calcium	UG/L	653000	274000	26200	16300	5130	6970
Chromium	UG/L	399 J	414 J	76.6 J	226 J	82.9 J	59.8 J
Cobalt	UG/L	87.8	51.3	7.2	49.4	2.0 UJ	2.0 U
Copper	UG/L	54.7	47.1	14.1	24.5	18.4	8.3
Iron	UG/L	248000	284000 J	26500	68700	19200 J	14700
Lead	UG/L	59.8	124 J	27.1	26.1	35.1 J	16.6
Magnesium	UG/L	18300	16400	5890	12500	4730	5810
Manganese	UG/L	983	1030	74.2	380	66.8	47.2
Mercury	UG/L	0.19 J	0.50	0.24	0.07 U	0.07 U	0.07 U
Nickel	UG/L	166	162	20.3	126	15.6	18.6
Potassium	UG/L	12000	10700 J	3170 J	6350 J	4880 J	3320 J
Selenium	UG/L	5.8 J	7.5 J	2.0 U	2.0 U	2.0 UJ	2.0 U
Silver	UG/L	2.5 UJ	15.1 J	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ
Sodium	UG/L	12800	7530	5770	9380	7920	5880
Thallium	UG/L	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	UG/L	326	367	107 J	205 J	88.2	63.6 J
Zinc	UG/L	466	501	42.9	299	88.7	26.2

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-GW08-01	1-GW09-01	1-GW10-01	1-GW11-01	1-GW12-01	1-GW13-01
Laboratory Sample ID:		940341-11	940341-13	940341-15	940341-17	940341-19	940334-27
Date Sampled:		4/24/94	4/24/94	4/24/94	4/24/94	4/24/94	4/23/94
	UNITS						
Aluminum	UG/L	63800 J	301000 J	269000 J	158000 J	457000 J	132000 J
Antimony	UG/L	88.6 J	17.0 UJ	17.0 UJ	40.9 J	17.0 UJ	17.0 UJ
Arsenic	UG/L	11.2	197	330	78.7	71.6	105
Barium	UG/L	140	1080	2470	376	628	222
Beryllium	UG/L	0.5 U	33.1	99.1	24.5	6.8	1.7
Cadmium	UG/L	1.5 U	43.1	41.8	13.2	12.0	12.0
Calcium	UG/L	16800	116000	231000	385000	6800	3270
Chromium	UG/L	80.7 J	408 J	395 J	398 J	800 J	153 J
Cobalt	UG/L	8.2	85.3	306	87.9	24.7	6.5 J
Copper	UG/L	7.0	65.3	82.3	47.1	105	33.3
Iron	UG/L	16000	417000	281000	200000	227000	105000 J
Lead	UG/L	33.1	113	91.4	62.7	163	74.4 J
Magnesium	UG/L	8450	10200	13400	16100	19300	7670
Manganese	UG/L	73.5	1750	1920	2250	261	318
Mercury	UG/L	0.07 U	0.87	0.20	0.07 U	0.22	0.07 U
Nickel	UG/L	24.6	293	866	141	96.3	23.5
Potassium	UG/L	4510 J	7200 J	12400 J	7900 J	17500 J	7910 J
Selenium	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	22.6	17.6 J
Silver	UG/L	2.5 UJ	19.9 J	2.5 UJ	2.5 UJ	7.7 J	2.5 UJ
Sodium	UG/L	5810	3520	6680	7050	13800	4510
Thallium	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	UG/L	58.3 J	530 J	328 J	414 J	811 J	257
Zinc	UG/L	53.2	996	2410	514	301	94.4

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		1-GW14-01	1-GW15-01	1-GW16DW-01	1-GW16-01	1-GW17DW-01	1-GW17-01
Laboratory Sample ID:		940341-21	940334-29	940389-10	940341-23	940460-01	940341-25
Date Sampled:		4/24/94	4/23/94	5/9/94	4/24/94	5/25/94	4/24/94
	UNITS						
Aluminum	UG/L	430000 J	133000 J	347	99700 J	409 J	22500 J
Antimony	UG/L	17.0 UJ	56.6 J	17.0 U	17.0 UJ	17.0 UJ	17.0 UJ
Arsenic	UG/L	39.1	292	1.5 U	13.0	1.5 U	22.0
Barium	UG/L	590	726	12.9	278	11.0	142
Beryllium	UG/L	4.7	50.1	0.5 U	1.0	0.5 U	23.8
Cadmium	UG/L	6.9	34.2	1.5 UJ	3.1	1.5 U	5.0
Calcium	UG/L	5740	720000	41600	25600	42100	190000
Chromium	UG/L	394 J	594 J	3.5 UJ	79.0 J	3.5 UJ	97.5 J
Cobalt	UG/L	22.2	71.2	2.0 U	10.4	2.0 U	24.5
Copper	UG/L	79.4	47.8	3.0 U	18.6	3.0 U	11.6
Iron	UG/L	110000	338000 J	479	25400	642 J	32000
Lead	UG/L	163	79.1 J	0.5 U	40.7	0.5 UJ	16.7
Magnesium	UG/L	18700	30900	671	11100	699	9240
Manganese	UG/L	250	1320	9.6	83.6	4.1 U	550
Mercury	UG/L	0.07 U	0.53	0.07 U	0.07 U	0.07 U	0.15
Nickel	UG/L	43.4 J	259	10.0	17.8 J	3.5 U	48.2 J
Potassium	UG/L	21600 J	17700 J	983	4290 J	1440 J	6350 J
Selenium	UG/L	4.5	2.0 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 U
Silver	UG/L	2.5 UJ	8.2 J	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ
Sodium	UG/L	6320	5080	13600	7670	9980	4830
Thallium	UG/L	4.7	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U
Vanadium	UG/L	500 J	479	1.5 U	119 J	4.2	82.8 J
Zinc	UG/L	201	935	7.7 U	47.5	9.2	334

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:	1-HP638-01
Laboratory Sample ID:	940289-18
Date Sampled:	4/11/94

	UNITS	
Aluminum	UG/L	16.5 U
Antimony	UG/L	52.2
Arsenic	UG/L	1.5 U
Barium	UG/L	8.3
Beryllium	UG/L	0.5 U
Cadmium	UG/L	1.5 U
Calcium	UG/L	42600
Chromium	UG/L	3.5 U
Cobalt	UG/L	2.0 U
Copper	UG/L	6.0
Iron	UG/L	959
Lead	UG/L	0.5 U
Magnesium	UG/L	1090
Manganese	UG/L	17.2
Mercury	UG/L	0.07 U
Nickel	UG/L	3.5 U
Potassium	UG/L	1290
Selenium	UG/L	2.0 U
Silver	UG/L	2.5 U
Sodium	UG/L	6220
Thallium	UG/L	2.0 U
Vanadium	UG/L	1.5 U
Zinc	UG/L	7.8 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
	UNITS					
Aluminum	UG/L	457000 J	138198.6	136612.9	192544.1	117962400.6
Antimony	UG/L	88.6 J	26.9	19.7	34.7	34.4
Arsenic	UG/L	330	79.1	101.2	119.4	841.8
Barium	UG/L	2470	430.5	566.4	655.8	2711.9
Beryllium	UG/L	99.1	15.4	24.7	25.3	184.1
Cadmium	UG/L	43.1	13.3	14.4	19.1	37.2
Calcium	UG/L	720000	147795.3	219009.6	234918.8	1033440.9
Chromium	UG/L	800 J	245.7	226.8	335.9	2617.0
Cobalt	UG/L	306	44.9	70.8	73.0	268.6
Copper	UG/L	105	35.6	30.6	47.8	94.7
Iron	UG/L	417000	127083.2	134368.7	180535.9	6476938.5
Lead	UG/L	163	59.3	51.6	79.9	1193.6
Magnesium	UG/L	30900	11113.2	7692.4	14173.3	32016.8
Manganese	UG/L	2250	599.4	724.9	887.7	8405.5
Mercury	UG/L	0.87	0.2	0.2	0.3	0.3
Nickel	UG/L	866	123.1	200.1	202.7	621.8
Potassium	UG/L	21600 J	7973.3	5945.3	10338.4	14825.1
Selenium	UG/L	22.6	4.5	5.8	6.8	6.4
Silver	UG/L	19.9 J	4.7	4.9	6.6	6.3
Sodium	UG/L	13800	7597.4	3026.2	8801.2	9058.8
Thallium	UG/L	4.7	2.1	0.6	2.4	2.3
Vanadium	UG/L	811 J	249.6	224.8	339.1	5181.9
Zinc	UG/L	2410	386.0	574.1	614.4	3035.0

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:		1-GW01D-01	1-GW02D-01	1-GW03D-01	1-GW04D-01	1-GW06D-01	1-GW07D-01
Laboratory Sample ID:		940334-21	940334-23	940341-04	940341-07	940334-26	940341-10
Date Sampled:		4/22/94	4/22/94	4/22/94	4/24/94	4/23/94	4/24/94
	UNITS						
Aluminum	UG/L	36.4	22.8 UJ	47.9 J	64.4 J	19.7 UJ	35.6 J
Antimony	UG/L	49.0	64.9 J	46.6 J	17.0 UJ	17.0 UJ	17.0 UJ
Arsenic	UG/L	4.7	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Barium	UG/L	21.5	26.2	10.5 U	36.6	8.2	17.7 U
Beryllium	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cadmium	UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Calcium	UG/L	70000	136000	24300	13700	2520	5920
Chromium	UG/L	3.5 UJ	3.5 UJ	3.5 UJ	3.5 UJ	3.5 UJ	3.5 UJ
Cobalt	UG/L	2.0 U	2.0 UJ	2.0 U	4.6	2.0 UJ	2.0 U
Copper	UG/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Iron	UG/L	5200	1270 J	28.2 U	171	15.3 UJ	11.7 U
Lead	UG/L	0.5 U	0.5 UJ	0.5 U	1.0 U	0.5 UJ	0.5 U
Magnesium	UG/L	2140	4020	4510	5920	1400	3340
Manganese	UG/L	400	452	8.1	12.4	3.3 U	20.8
Mercury	UG/L	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Nickel	UG/L	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	8.7
Potassium	UG/L	1430	1290 J	933 J	832 J	1150 J	1210 J
Selenium	UG/L	2.0 UJ	2.0 UJ	2.0 U	2.0 U	2.0 UJ	2.0 U
Silver	UG/L	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ
Sodium	UG/L	12400	7740	6020	9630	8320	5640
Thallium	UG/L	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	UG/L	1.5 U	1.5 U	1.5 UJ	1.5 UJ	1.5 U	1.5 UJ
Zinc	UG/L	3.3 U	5.6 U	7.1	12.4	5.0 U	6.7

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:		1-GW08D-01	1-GW09D-01	1-GW10D-01	1-GW11D-01	1-GW12D-01	1-GW13D-01
Laboratory Sample ID:		940341-12	940341-14	940341-16	940341-18	940341-20	940334-28
Date Sampled:		4/24/94	4/24/94	4/24/94	4/26/94	4/24/94	4/23/94
	UNITS						
Aluminum	UG/L	16.5 UJ	797 J	120 J	48.8 J	110 J	25.6 UJ
Antimony	UG/L	58.3 J	17.0 UJ	17.0 UJ	90.6 J	57.5 J	56.7 J
Arsenic	UG/L	1.5 U	1.5 U	4.4	1.5 U	1.5 U	1.5 U
Barium	UG/L	5.9 U	3.5 U	38.1	16.3	9.5 U	29.5
Beryllium	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cadmium	UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Calcium	UG/L	17000	24200	105000	112000	2540	1690
Chromium	UG/L	3.5 UJ	3.5 UJ	3.5 UJ	3.5 UJ	3.5 UJ	3.5 UJ
Cobalt	UG/L	2.0 U	2.0 U	35.0	11.8	2.0 U	2.0 UJ
Copper	UG/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Iron	UG/L	18.0 U	525	5270	564	18800	27.4 UJ
Lead	UG/L	0.7 U	0.5 U	0.5 U	0.5 U	0.6 U	0.5 UJ
Magnesium	UG/L	4770	1180	4140	4310	2010	1630
Manganese	UG/L	11.9	7.1	1070	1070	23.8	37.8
Mercury	UG/L	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Nickel	UG/L	3.5 U	8.6	20.8	3.5 U	3.5 U	3.5 U
Potassium	UG/L	720 J	326 J	1250 J	843 J	933 J	1190 J
Selenium	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ
Silver	UG/L	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ
Sodium	UG/L	5470	3180	6160	7040	15000	4910
Thallium	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	UG/L	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 U
Zinc	UG/L	6.2	6.1	13.4	1.5 U	19.5	9.1 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:		1-GW14D-01	1-GW15D-01	1-GW16DWD-01	1-GW16D-01	1-GW17DWD-01	1-GW17D-01
Laboratory Sample ID:		940341-22	940334-31	940389-11	940341-24	940460-02	940341-26
Date Sampled:		4/24/94	4/23/94	5/9/94	4/24/94	5/25/94	4/24/94
	UNITS						
Aluminum	UG/L	55.9 J	16.5 UJ	16.5 U	72.8 J	16.5 UJ	16.5 UJ
Antimony	UG/L	21.5 UJ	51.4 J	17.0 U	25.4 UJ	17.0 UJ	33.5 UJ
Arsenic	UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Barium	UG/L	54.8	28.2	10.5	37.3	7.4	47.0
Beryllium	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cadmium	UG/L	1.5 U	1.5 U	1.5 UJ	1.5 U	1.5 U	1.5 U
Calcium	UG/L	2720	107000	28600	23900	15900	118000
Chromium	UG/L	3.5 UJ	3.5 UJ	3.5 UJ	3.5 UJ	3.5 UJ	3.5 UJ
Cobalt	UG/L	2.0 U	2.0 UJ	2.0 U	4.1	2.0 U	5.4
Copper	UG/L	3.0 U	3.0 U	3.0 U	6.8	3.0 U	3.0 U
Iron	UG/L	2.5 UJ	22.5 UJ	18.4 U	126 J	16.0 UJ	2.5 UJ
Lead	UG/L	1.6 U	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
Magnesium	UG/L	2190	3000	512	8990	422	5680
Manganese	UG/L	6.4 J	1.6	2.1 U	36.2	0.7 U	364
Mercury	UG/L	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Nickel	UG/L	3.5 UJ	3.5 U	10.8	3.5 UJ	3.5 U	3.5 UJ
Potassium	UG/L	1440 J	1910 J	972	1030 J	1320 J	3180 J
Selenium	UG/L	2.0 U	2.0 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 U
Silver	UG/L	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ
Sodium	UG/L	6950	3830	13900	8100	9980	4980
Thallium	UG/L	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	4.8
Vanadium	UG/L	1.5 UJ	1.5 U	1.5 U	1.5 UJ	1.5 U	1.5 UJ
Zinc	UG/L	12.9	2.0 U	2.2 U	12.6	3.9	8.3

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:	1-HP638D-01
Laboratory Sample ID:	940289-19
Date Sampled:	4/11/94

	UNITS	
Aluminum	UG/L	16.5 U
Antimony	UG/L	17.0 U
Arsenic	UG/L	1.5 U
Barium	UG/L	3.5 U
Beryllium	UG/L	0.5 U
Cadmium	UG/L	1.5 U
Calcium	UG/L	39200
Chromium	UG/L	4.7 U
Cobalt	UG/L	2.0 U
Copper	UG/L	3.0 U
Iron	UG/L	2.5 UJ
Lead	UG/L	0.5 U
Magnesium	UG/L	1060
Manganese	UG/L	15.3
Mercury	UG/L	0.07 U
Nickel	UG/L	3.5 U
Potassium	UG/L	1210
Selenium	UG/L	2.0 U
Silver	UG/L	2.5 U
Sodium	UG/L	5890
Thallium	UG/L	2.0 U
Vanadium	UG/L	1.5 U
Zinc	UG/L	2.9 U

SITE 1
FRENCH CREEK LIQUID DISPOSAL AREA
SHALLOW AND DEEP GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
	UNITS					
Aluminum	UG/L	797 J	81.9	176.0	151.9	121.9
Antimony	UG/L	90.6 J	36.4	22.3	45.3	50.9
Arsenic	UG/L	4.7	1.8	1.0	2.2	2.1
Barium	UG/L	54.8	21.7	15.5	27.9	39.0
Beryllium	UG/L	ND	NA	NA	NA	NA
Cadmium	UG/L	ND	NA	NA	NA	NA
Calcium	UG/L	136000	44746.8	46657.3	63307.4	207854.1
Chromium	UG/L	ND	NA	NA	NA	NA
Cobalt	UG/L	35	4.7	7.7	7.7	6.2
Copper	UG/L	6.8	3.2	0.9	3.5	3.5
Iron	UG/L	18800	1689.0	4449.1	3458.9	221413.4
Lead	UG/L	ND	NA	NA	NA	NA
Magnesium	UG/L	8990	3232.8	2190.4	4104.2	5748.6
Manganese	UG/L	1070	186.5	344.0	323.3	5391.1
Mercury	UG/L	ND	NA	NA	NA	NA
Nickel	UG/L	20.8	5.3	4.4	7.1	6.7
Potassium	UG/L	3180 J	1219.4	579.1	1449.8	1525.5
Selenium	UG/L	ND	NA	NA	NA	NA
Silver	UG/L	ND	NA	NA	NA	NA
Sodium	UG/L	15000	7638.9	3270.2	8939.8	9377.8
Thallium	UG/L	4.8	2.1	0.6	2.4	2.3
Vanadium	UG/L	ND	NA	NA	NA	NA
Zinc	UG/L	19.5	7.4	4.8	9.3	11.6

SITE 28

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-00	28-W-SB02-00	28-W-SB03-00	28-W-SB04-00	28-W-SB05-00	28-W-SB06-00
Laboratory Sample ID:		940241-15	940241-24	940241-16	940250-16	940248-04	940248-05
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/27/94	3/27/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	5 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-00	28-W-SB02-00	28-W-SB03-00	28-W-SB04-00	28-W-SB05-00	28-W-SB06-00
Laboratory Sample ID:		940241-15	940241-24	940241-16	940250-16	940248-04	940248-05
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
bis(2-Chloroethyl) ether	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
2-Chlorophenol	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
1,3-Dichlorobenzene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
1,4-Dichlorobenzene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
1,2-Dichlorobenzene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
2-Methylphenol	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
2,2'-oxybis-(1-chloropropane)	UG/KG	200 UJ	190 U	195 UJ	200 U	235 U	190 U
4-Methylphenol	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
N-Nitroso-di-n-propylamine	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Hexachloroethane	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Nitrobenzene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Isophorone	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
2-Nitrophenol	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
2,4-Dimethylphenol	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
bis(2-Chloroethoxy) methane	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
2,4-Dichlorophenol	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
1,2,4-Trichlorobenzene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Naphthalene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
4-Chloroaniline	UG/KG	200 U	190 U	195 U	200 U	235 UJ	190 UJ
Hexachlorobutadiene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
4-Chloro-3-methylphenol	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
2-Methylnaphthalene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Hexachlorocyclopentadiene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
2,4,6-Trichlorophenol	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
2,4,5-Trichlorophenol	UG/KG	485 U	460 U	470 U	480 U	550 U	455 U
2-Chloronaphthalene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
2-Nitroaniline	UG/KG	485 U	460 U	470 U	480 U	550 U	455 U
Dimethyl phthalate	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Acenaphthylene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
2,6-Dinitrotoluene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
3-Nitroaniline	UG/KG	485 U	460 U	470 U	480 U	550 U	455 U
Acenaphthene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-00	28-W-SB02-00	28-W-SB03-00	28-W-SB04-00	28-W-SB05-00	28-W-SB06-00
Laboratory Sample ID:		940241-15	940241-24	940241-16	940250-16	940248-04	940248-05
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/27/94	3/27/94
SEMIVOLATILES Cont.	UNITS						
2,4-Dinitrophenol	UG/KG	485 U	460 U	470 U	480 UJ	550 U	455 U
4-Nitrophenol	UG/KG	485 U	460 U	470 U	480 U	550 U	455 U
Dibenzofuran	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
2,4-Dinitrotoluene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Diethylphthalate	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
4-Chlorophenyl phenyl ether	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Fluorene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
4-Nitroaniline	UG/KG	485 U	460 U	470 U	480 U	550 U	455 U
4,6-Dinitro-2-methylphenol	UG/KG	485 U	460 U	470 U	480 UJ	550 U	455 U
N-nitrosodiphenylamine	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
4-Bromophenyl-phenylether	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Hexachlorobenzene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Pentachlorophenol	UG/KG	485 U	460 U	470 U	480 U	550 U	455 U
Phenanthrene	UG/KG	200 U	190 U	195 U	43 J	235 U	190 U
Anthracene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Carbazole	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
di-n-Butylphthalate	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Fluoranthene	UG/KG	200 U	190 U	195 U	79 J	50 J	190 U
Pyrene	UG/KG	200 U	190 U	195 U	79 J	235 U	190 U
Butyl benzyl phthalate	UG/KG	200 U	88 J	195 U	200 U	235 U	190 U
3,3'-Dichlorobenzidine	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Benzo[a]anthracene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Chrysene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
bis(2-Ethylhexyl)phthalate	UG/KG	2000	190 U	195 U	200 U	1400	2000
di-n-Octylphthalate	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Benzo[b]fluoranthene	UG/KG	200 U	190 U	195 U	41 J	235 U	190 U
Benzo[k]fluoranthene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Benzo[a]pyrene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Indeno[1,2,3-cd]pyrene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Dibenz[a,h]anthracene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U
Benzo[g,h,i]perylene	UG/KG	200 U	190 U	195 U	200 U	235 U	190 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-00	28-W-SB02-00	28-W-SB03-00	28-W-SB04-00	28-W-SB05-00	28-W-SB06-00
Laboratory Sample ID:		940241-15	940241-24	940241-16	940250-16	940248-04	940248-05
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/27/94	3/27/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	1.1 U	10 U	1.0 U	1 U	1.2 UJ	1.0 UJ
beta-BHC	UG/KG	1.1 U	10 U	1.0 U	1 U	1.2 UJ	1.0 U
delta-BHC	UG/KG	1.1 U	10 U	1.0 U	1 U	1.2 UJ	1.0 U
Lindane (gamma-BHC)	UG/KG	1.1 U	10 U	1.0 U	1 U	1.2 UJ	1.0 UJ
Heptachlor	UG/KG	1.1 U	10 U	1.0 U	1 U	1.2 UJ	1.0 U
Aldrin	UG/KG	1.1 U	10 U	1.0 U	1.0 U	1.2 UJ	1.0 U
Heptachlor epoxide	UG/KG	1.1 U	10 U	1.0 U	1.0 U	1.2 UJ	1.0 U
Endosulfan I	UG/KG	1.1 U	10 U	1.0 U	1.0 U	1.2 UJ	1.0 U
Dieldrin	UG/KG	2.0 U	19 U	2.0 U	2.0 U	2.4 UJ	1.9 U
4,4'-DDE	UG/KG	2.0 U	950	52	2.0 U	11 J	7.7 J
Endrin	UG/KG	2.0 U	19 U	2.0 U	2.0 U	2.4 UJ	1.9 U
Endosulfan II	UG/KG	2.0 U	19 U	2.0 U	2.0 U	2.4 UJ	1.9 U
4,4'-DDD	UG/KG	2.0 U	43 NJ	2.0 U	2.0 U	2.4 UJ	1.9 U
Endosulfan sulfate	UG/KG	2.0 U	19 U	2.0 U	2.0 U	2.4 UJ	1.9 U
4,4'-DDT	UG/KG	2.0 U	770	16	2.0 U	5.8 J	1.9 UJ
Methoxychlor	UG/KG	11 U	100 U	10 U	10 U	12 UJ	10 U
Endrin ketone	UG/KG	2.0 U	19 U	2.0 U	2.0 U	2.4 UJ	1.9 U
Endrin aldehyde	UG/KG	2.0 U	19 U	2.0 U	2.0 U	2.4 UJ	1.9 U
alpha-Chlordane	UG/KG	1.1 U	10 U	1.0 U	1.0 U	1.2 UJ	1.9 NJ
gamma-Chlordane	UG/KG	1.1 U	10 U	1.0 U	1.0 U	1.2 UJ	1.0 U
Toxaphene	UG/KG	105 U	1000 U	100 U	100 U	120 UJ	95 U
Aroclor 1016	UG/KG	20 U	190 U	20 U	20 U	24 UJ	19 U
Aroclor 1221	UG/KG	41 U	385 U	40 U	40 U	48 UJ	38 U
Aroclor 1232	UG/KG	20 U	190 U	20 U	20 U	24 UJ	19 U
Aroclor 1242	UG/KG	20 U	190 U	20 U	20 U	24 UJ	19 U
Aroclor 1248	UG/KG	20 U	190 U	20 U	20 U	24 UJ	19 U
Aroclor 1254	UG/KG	20 U	190 U	20 U	20 U	24 UJ	47 J
Aroclor 1260	UG/KG	20 U	190 U	20 U	20 U	24 UJ	19 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB07-00	28-W-SB08-00	28-W-SB09-00	28-W-SB10-00	28-W-SB11-00	28-W-SB12-00
Laboratory Sample ID:		940250-20	940248-09	940241-34	940250-23	940248-11	940248-14
Date Sampled:		3/26/94	3/27/94	3/25/94	3/26/94	3/27/94	3/27/94
VOLATILES	UNITS						
Chloromethane	UG/KG	6 U	6 U	2 J	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB07-00	28-W-SB08-00	28-W-SB09-00	28-W-SB10-00	28-W-SB11-00	28-W-SB12-00
Laboratory Sample ID:		940250-20	940248-09	940241-34	940250-23	940248-11	940248-14
Date Sampled:		3/26/94	3/27/94	3/25/94	3/26/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
bis(2-Chloroethyl) ether	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
2-Chlorophenol	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
1,3-Dichlorobenzene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
1,4-Dichlorobenzene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
1,2-Dichlorobenzene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
2-Methylphenol	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
2,2'-oxybis-(1-chloropropane)	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
4-Methylphenol	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
N-Nitroso-di-n-propylamine	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
Hexachloroethane	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
Nitrobenzene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
Isophorone	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
2-Nitrophenol	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
2,4-Dimethylphenol	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
bis(2-Chloroethoxy) methane	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
2,4-Dichlorophenol	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
1,2,4-Trichlorobenzene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
Naphthalene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
4-Chloroaniline	UG/KG	195 U	195 UJ	180 U	195 U	190 UJ	185 U
Hexachlorobutadiene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
4-Chloro-3-methylphenol	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
2-Methylnaphthalene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
Hexachlorocyclopentadiene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
2,4,6-Trichlorophenol	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
2,4,5-Trichlorophenol	UG/KG	470 U	470 U	440 U	475 U	465 U	445 U
2-Chloronaphthalene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
2-Nitroaniline	UG/KG	470 U	470 U	440 U	475 U	465 U	445 U
Dimethyl phthalate	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
Acenaphthylene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
2,6-Dinitrotoluene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
3-Nitroaniline	UG/KG	470 U	470 U	440 U	475 U	465 U	445 U
Acenaphthene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB07-00	28-W-SB08-00	28-W-SB09-00	28-W-SB10-00	28-W-SB11-00	28-W-SB12-00
Laboratory Sample ID:		940250-20	940248-09	940241-34	940250-23	940248-11	940248-14
Date Sampled:		3/26/94	3/27/94	3/25/94	3/26/94	3/27/94	3/27/94
SEMIVOLATILES Cont.	UNITS						
2,4-Dinitrophenol	UG/KG	470 U	470 U	440 U	475 U	465 U	445 U
4-Nitrophenol	UG/KG	470 U	470 U	440 U	475 U	465 U	445 U
Dibenzofuran	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
2,4-Dinitrotoluene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
Diethylphthalate	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
4-Chlorophenyl phenyl ether	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
Fluorene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
4-Nitroaniline	UG/KG	470 U	470 UJ	440 U	475 U	465 U	445 U
4,6-Dinitro-2-methylphenol	UG/KG	470 U	470 U	440 U	475 U	465 U	445 U
N-nitrosodiphenylamine	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
4-Bromophenyl-phenylether	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
Hexachlorobenzene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
Pentachlorophenol	UG/KG	470 U	470 U	440 U	475 U	465 U	445 U
Phenanthrene	UG/KG	195 U	195 U	180 U	195 U	58 J	185 U
Anthracene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
Carbazole	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
di-n-Butylphthalate	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
Fluoranthene	UG/KG	120 J	195 U	180 U	195 U	140 J	185 U
Pyrene	UG/KG	89 J	195 U	180 U	195 U	98 J	185 U
Butyl benzyl phthalate	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
3,3'-Dichlorobenzidine	UG/KG	195 UJ	195 U	180 U	195 U	190 U	185 U
Benzo[a]anthracene	UG/KG	195 U	195 U	180 U	195 U	56 J	185 U
Chrysene	UG/KG	43 J	195 U	180 U	195 U	62 J	185 U
bis(2-Ethylhexyl)phthalate	UG/KG	195 U		180 U	175 U	78 J	120 J
di-n-Octylphthalate	UG/KG	195 U	110 J	180 U	195 U	190 U	185 U
Benzo[b]fluoranthene	UG/KG	47 J	195 U	180 U	195 U	78 J	185 U
Benzo[k]fluoranthene	UG/KG	195 U	195 U	180 U	195 U	41 J	185 U
Benzo[a]pyrene	UG/KG	195 U	195 U	180 U	195 U	69 J	185 U
Indeno[1,2,3-cd]pyrene	UG/KG	195 U	195 U	180 U	195 U	44 J	185 U
Dibenz[a,h]anthracene	UG/KG	195 U	195 U	180 U	195 U	190 U	185 U
Benzo[g,h,i]perylene	UG/KG	195 U	195 U	180 U	195 U	54 J	185 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB07-00	28-W-SB08-00	28-W-SB09-00	28-W-SB10-00	28-W-SB11-00	28-W-SB12-00
Laboratory Sample ID:		940250-20	940248-09	940241-34	940250-23	940248-11	940248-14
Date Sampled:		3/26/94	3/27/94	3/25/94	3/26/94	3/27/94	3/27/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	10 U	1.0 UJ	1.0 U	1.0 U	6 UJ	1.0 UJ
beta-BHC	UG/KG	10 U	1.0 U	1.0 U	1.0 U	6 UJ	1.0 UJ
delta-BHC	UG/KG	10 U	1.0 U	1.0 U	1.0 U	6 UJ	1.0 UJ
Lindane (gamma-BHC)	UG/KG	10 U	1.0 UJ	1.0 U	1.0 U	6 UJ	1.0 UJ
Heptachlor	UG/KG	10 U	1.0 U	1.0 U	1.0 U	6 UJ	1.0 UJ
Aldrin	UG/KG	10 U	1.0 U	1.0 U	1.0 U	6 UJ	1.0 UJ
Heptachlor epoxide	UG/KG	10 U	1.0 U	1.0 U	1.0 U	6 UJ	8.0 J
Endosulfan I	UG/KG	10 U	1.0 U	1.0 U	1.0 U	6 UJ	1.0 UJ
Dieldrin	UG/KG	20 U	2.0 U	1.8 U	2.0 U	12 UJ	
4,4'-DDE	UG/KG	20 U	2.0 U	26	28	200 J	4.7 J
Endrin	UG/KG	20 U	2.0 U	1.8 U	2.0 U	12 UJ	
Endosulfan II	UG/KG	20 U	2.0 U	1.8 U	2.0 U	12 UJ	1.9 UJ
4,4'-DDD	UG/KG	20 U	2.0 U	5.3 J	7.3	130 J	1.9 UJ
Endosulfan sulfate	UG/KG	20 U	2.0 U	1.8 U	2.0 U	12 UJ	1.9 UJ
4,4'-DDT	UG/KG	20 U	2.0 UJ	2.7 J	5.4 J	57 J	1.9 UJ
Methoxychlor	UG/KG	100 U	10 U	10 U	10 U	60 UJ	10 UJ
Endrin ketone	UG/KG	20 U	2.0 U	1.8 U	2.0 U	12 UJ	1.9 UJ
Endrin aldehyde	UG/KG	20 U	2.0 U	1.8 U	2.0 U	12 UJ	1.9 UJ
alpha-Chlordane	UG/KG	90 J	1.0 U	1.0 U	1.0 U	6 UJ	13 J
gamma-Chlordane	UG/KG	49 J	1.0 U	1.0 U	1.0 U	6 UJ	1.9 NJ
Toxaphene	UG/KG	1000 U	100 U	95 U	100 U	600 UJ	95 UJ
Aroclor 1016	UG/KG	195 U	20 U	18 U	20 U	115 UJ	19 UJ
Aroclor 1221	UG/KG	395 U	40 U	37 U	40 U	235 UJ	38 UJ
Aroclor 1232	UG/KG	195 U	20 U	18 U	20 U	115 UJ	19 UJ
Aroclor 1242	UG/KG	195 U	20 U	18 U	20 U	115 UJ	19 UJ
Aroclor 1248	UG/KG	195 U	20 U	18 U	20 U	115 UJ	19 UJ
Aroclor 1254	UG/KG	195 U	20 U	18 U	20 U	115 UJ	58 J
Aroclor 1260	UG/KG	195 U	20 U	18 U	20 U	115 UJ	19 UJ

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB13-00	28-W-SB15-00	28-W-SB16-00	28-W-SB17-00	28-W-SB18-00	28-W-SB19-00
Laboratory Sample ID:		940248-17	940241-35	940248-21	940241-01	940248-23	940241-02
Date Sampled:		3/27/94	3/25/94	3/27/94	3/25/94	3/27/94	3/25/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	6 U	7 U	6 U	6 U	6 U	6 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB13-00	28-W-SB15-00	28-W-SB16-00	28-W-SB17-00	28-W-SB18-00	28-W-SB19-00
Laboratory Sample ID:		940248-17	940241-35	940248-21	940241-01	940248-23	940241-02
Date Sampled:		3/27/94	3/25/94	3/27/94	3/25/94	3/27/94	3/25/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
bis(2-Chloroethyl) ether	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
2-Chlorophenol	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
1,3-Dichlorobenzene	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
1,4-Dichlorobenzene	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
1,2-Dichlorobenzene	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
2-Methylphenol	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
2,2'-oxybis-(1-chloropropane)	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
4-Methylphenol	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
N-Nitroso-di-n-propylamine	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
Hexachloroethane	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
Nitrobenzene	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
Isophorone	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
2-Nitrophenol	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
2,4-Dimethylphenol	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
bis(2-Chloroethoxy) methane	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
2,4-Dichlorophenol	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
1,2,4-Trichlorobenzene	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
Naphthalene	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
4-Chloroaniline	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
Hexachlorobutadiene	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
4-Chloro-3-methylphenol	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
2-Methylnaphthalene	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
Hexachlorocyclopentadiene	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
2,4,6-Trichlorophenol	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
2,4,5-Trichlorophenol	UG/KG	460 U	495 U	455 U	500 U	480 U	500 U
2-Chloronaphthalene	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
2-Nitroaniline	UG/KG	460 U	495 U	455 U	500 U	480 U	500 U
Dimethyl phthalate	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
Acenaphthylene	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
2,6-Dinitrotoluene	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
3-Nitroaniline	UG/KG	460 U	495 U	455 U	500 U	480 U	500 U
Acenaphthene	UG/KG	190 U	205 U	185 U	49 J	200 U	205 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB13-00	28-W-SB15-00	28-W-SB16-00	28-W-SB17-00	28-W-SB18-00	28-W-SB19-00
Laboratory Sample ID:		940248-17	940241-35	940248-21	940241-01	940248-23	940241-02
Date Sampled:		3/27/94	3/25/94	3/27/94	3/25/94	3/27/94	3/25/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	460 U	495 U	455 U	500 U	480 U	500 U
4-Nitrophenol	UG/KG	460 U	495 U	455 U	500 U	480 U	500 U
Dibenzofuran	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
2,4-Dinitrotoluene	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
Diethylphthalate	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
4-Chlorophenyl phenyl ether	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
Fluorene	UG/KG	190 U	205 U	185 U	56 J	200 U	205 U
4-Nitroaniline	UG/KG	460 U	495 U	455 U	500 U	480 U	500 U
4,6-Dinitro-2-methylphenol	UG/KG	460 U	495 U	455 U	500 U	480 U	500 U
N-nitrosodiphenylamine	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
4-Bromophenyl-phenylether	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
Hexachlorobenzene	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
Pentachlorophenol	UG/KG	460 U	495 U	455 U	500 U	480 U	500 U
Phenanthrene	UG/KG	190 U	205 U	185 U	1100	41 J	205 U
Anthracene	UG/KG	190 U	205 U	185 U	240 J	200 U	205 U
Carbazole	UG/KG	190 U	205 U	185 U	76 J	200 U	205 U
di-n-Butylphthalate	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
Fluoranthene	UG/KG	190 U	205 U	185 U	1700	79 J	205 U
Pyrene	UG/KG	190 U	205 U	185 U	1200	59 J	205 U
Butyl benzyl phthalate	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
3,3'-Dichlorobenzidine	UG/KG	190 U	205 U	185 U	215 UJ	200 U	205 UJ
Benzo[a]anthracene	UG/KG	190 U	205 U	185 U	990	200 U	205 U
Chrysene	UG/KG	190 U	205 U	185 U	1000	56 J	205 U
bis(2-Ethylhexyl)phthalate	UG/KG	160 J	205 U	1600	215 U	220 J	205 U
di-n-Octylphthalate	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
Benzo[b]fluoranthene	UG/KG	190 U	205 U	185 U	650	96 J	205 U
Benzo[k]fluoranthene	UG/KG	190 U	205 U	185 U	740	70 J	205 U
Benzo[a]pyrene	UG/KG	190 U	205 U	185 U	610	61 J	205 U
Indeno[1,2,3-cd]pyrene	UG/KG	190 U	205 U	185 U	270 J	200 U	205 U
Dibenz[a,h]anthracene	UG/KG	190 U	205 U	185 U	215 U	200 U	205 U
Benzo[g,h,i]perylene	UG/KG	190 U	205 U	185 U	220 J	200 U	205 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB13-00	28-W-SB15-00	28-W-SB16-00	28-W-SB17-00	28-W-SB18-00	28-W-SB19-00
Laboratory Sample ID:		940248-17	940241-35	940248-21	940241-01	940248-23	940241-02
Date Sampled:		3/27/94	3/25/94	3/27/94	3/25/94	3/27/94	3/25/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	10 UJ	1.1 U	1.0 UJ	1.1 UJ	5 UJ	1.1 U
beta-BHC	UG/KG	10 UJ	1.1 U	1.0 UJ	1.1 UJ	5 U	1.1 U
delta-BHC	UG/KG	10 UJ	1.1 U	1.0 UJ	1.1 UJ	5 U	1.1 U
Lindane (gamma-BHC)	UG/KG	10 UJ	1.1 U	1.0 UJ	1.1 UJ	5 UJ	1.1 U
Heptachlor	UG/KG	10 UJ	1.1 U	1.0 UJ	1.1 UJ	5 U	1.1 U
Aldrin	UG/KG	10 UJ	1.1 U	1.0 UJ	1.1 UJ	5 U	1.1 U
Heptachlor epoxide	UG/KG	10 UJ	1.1 U	1.0 UJ	1.1 UJ	5 U	1.1 U
Endosulfan I	UG/KG	10 UJ	1.1 U	1.0 UJ	1.1 UJ	5 U	1.1 U
Dieldrin	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 U	2.1 U
4,4'-DDE	UG/KG	19 UJ	12	1.9 UJ	4.4 NJ	130	2.1 U
Endrin	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 U	2.1 U
Endosulfan II	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 U	2.1 U
4,4'-DDD	UG/KG	230 J	2.1 U	1.9 UJ	2.2 UJ	10 U	2.1 U
Endosulfan sulfate	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 U	2.1 U
4,4'-DDT	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 UJ	2.1 U
Methoxychlor	UG/KG	95 UJ	11 U	10 UJ	11 UJ	50 U	11 U
Endrin ketone	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 U	2.1 U
Endrin aldehyde	UG/KG	19 UJ	2.1 U	1.9 UJ	2.2 UJ	10 U	2.1 U
alpha-Chlordane	UG/KG	29 J	1.1 U	1.0 UJ	1.1 UJ	18 NJ	1.1 U
gamma-Chlordane	UG/KG	10 UJ	1.1 U	1.0 UJ	1.1 UJ	5 U	1.1 U
Toxaphene	UG/KG	950 UJ	105 U	95 UJ	110 UJ	500 U	105 U
Aroclor 1016	UG/KG	190 UJ	21 U	19 UJ	22 UJ	100 U	21 U
Aroclor 1221	UG/KG	385 UJ	42 U	38 UJ	44 UJ	200 U	42 U
Aroclor 1232	UG/KG	190 UJ	21 U	19 UJ	22 UJ	100 U	21 U
Aroclor 1242	UG/KG	190 UJ	21 U	19 UJ	22 UJ	100 U	21 U
Aroclor 1248	UG/KG	190 UJ	21 U	19 UJ	22 UJ	100 U	21 U
Aroclor 1254	UG/KG	190 UJ	21 U	19 UJ	22 UJ	100 U	21 U
Aroclor 1260	UG/KG	190 UJ	44	19 UJ	22 UJ	100 U	21 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB20-00	28-E-SB21-00	28-E-SB23-00	28-E-SB24-00	28-E-SB25-00	28-E-SB26-00
Laboratory Sample ID:		940241-03	940241-25	940241-10	940241-12	940241-04	940250-11
Date Sampled:		3/25/94	3/25/94	3/26/94	3/26/94	3/25/94	3/26/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	2 J	6 U	6 U
Acetone	UG/KG	6 U	6 U	6 U	10 U	6 U	6 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
2-Butanone	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
2-Hexanone	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	8 U	6 U	6 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB20-00	28-E-SB21-00	28-E-SB23-00	28-E-SB24-00	28-E-SB25-00	28-E-SB26-00
Laboratory Sample ID:		940241-03	940241-25	940241-10	940241-12	940241-04	940250-11
Date Sampled:		3/25/94	3/25/94	3/26/94	3/26/94	3/25/94	3/26/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
bis(2-Chloroethyl) ether	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
2-Chlorophenol	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
1,3-Dichlorobenzene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
1,4-Dichlorobenzene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
1,2-Dichlorobenzene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
2-Methylphenol	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
2,2'-oxybis-(1-chloropropane)	UG/KG	225 U	210 U	205 UJ	220 UJ	200 U	205 U
4-Methylphenol	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
N-Nitroso-di-n-propylamine	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
Hexachloroethane	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
Nitrobenzene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
Isophorone	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
2-Nitrophenol	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
2,4-Dimethylphenol	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
bis(2-Chloroethoxy) methane	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
2,4-Dichlorophenol	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
1,2,4-Trichlorobenzene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
Naphthalene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
4-Chloroaniline	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
Hexachlorobutadiene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
4-Chloro-3-methylphenol	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
2-Methylnaphthalene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
Hexachlorocyclopentadiene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
2,4,6-Trichlorophenol	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
2,4,5-Trichlorophenol	UG/KG	550 U	500 U	490 U	550 U	485 U	490 U
2-Chloronaphthalene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
2-Nitroaniline	UG/KG	550 U	500 U	490 U	550 U	485 U	490 U
Dimethyl phthalate	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
Acenaphthylene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
2,6-Dinitrotoluene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
3-Nitroaniline	UG/KG	550 U	500 U	490 U	550 U	485 U	490 U
Acenaphthene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB20-00	28-E-SB21-00	28-E-SB23-00	28-E-SB24-00	28-E-SB25-00	28-E-SB26-00
Laboratory Sample ID:		940241-03	940241-25	940241-10	940241-12	940241-04	940250-11
Date Sampled:		3/25/94	3/25/94	3/26/94	3/26/94	3/25/94	3/26/94
SEMIVOLATILES Cont.	UNITS						
2,4-Dinitrophenol	UG/KG	550 U	500 U	490 U	550 U	485 U	490 UJ
4-Nitrophenol	UG/KG	550 U	500 U	490 U	550 U	485 U	490 U
Dibenzofuran	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
2,4-Dinitrotoluene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
Diethylphthalate	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
4-Chlorophenyl phenyl ether	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
Fluorene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
4-Nitroaniline	UG/KG	550 U	500 U	490 U	550 U	485 U	490 U
4,6-Dinitro-2-methylphenol	UG/KG	550 U	500 U	490 U	550 U	485 U	490 UJ
N-nitrosodiphenylamine	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
4-Bromophenyl-phenylether	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
Hexachlorobenzene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
Pentachlorophenol	UG/KG	550 U	500 U	490 U	550 U	485 U	46 J
Phenanthrene	UG/KG	540	210 U	205 U	220 U	200 U	205 U
Anthracene	UG/KG	120 J	210 U	205 U	220 U	200 U	205 U
Carbazole	UG/KG	69 J	210 U	205 U	220 U	200 U	205 U
di-n-Butylphthalate	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
Fluoranthene	UG/KG	920	210 U	205 U	220 U	200 U	205 U
Pyrene	UG/KG	610	210 U	205 U	220 U	200 U	205 U
Butyl benzyl phthalate	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
3,3'-Dichlorobenzidine	UG/KG	225 UJ	210 U	205 U	220 U	200 UJ	205 U
Benzo[a]anthracene	UG/KG	390 J	210 U	205 U	220 U	200 U	205 U
Chrysene	UG/KG	430 J	210 U	205 U	220 U	200 U	205 U
bis(2-Ethylhexyl)phthalate	UG/KG	1300	210 U	205 U	220 U	200 U	205 U
di-n-Octylphthalate	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
Benzo[b]fluoranthene	UG/KG	270 J	210 U	205 U	220 U	200 U	205 U
Benzo[k]fluoranthene	UG/KG	320 J	210 U	205 U	220 U	200 U	205 U
Benzo[a]pyrene	UG/KG	260 J	210 U	205 U	220 U	200 U	205 U
Indeno[1,2,3-cd]pyrene	UG/KG	170 J	210 U	205 U	220 U	200 U	205 U
Dibenz[a,h]anthracene	UG/KG	225 U	210 U	205 U	220 U	200 U	205 U
Benzo[g,h,i]perylene	UG/KG	160 J	210 U	205 U	220 U	200 U	205 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB20-00	28-E-SB21-00	28-E-SB23-00	28-E-SB24-00	28-E-SB25-00	28-E-SB26-00
Laboratory Sample ID:		940241-03	940241-25	940241-10	940241-12	940241-04	940250-11
Date Sampled:		3/25/94	3/25/94	3/26/94	3/26/94	3/25/94	3/26/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	1.2 U	1.1 U	1.1 U	1.2 U	5 U	1.1 U
beta-BHC	UG/KG	1.2 U	1.1 U	1.1 U	1.2 U	5 U	1.1 U
delta-BHC	UG/KG	1.2 U	1.1 U	1.1 U	1.2 U	5 U	1.1 U
Lindane (gamma-BHC)	UG/KG	1.2 U	1.1 U	1.1 U	1.2 U	5 U	1.1 U
Heptachlor	UG/KG	1.2 U	1.1 U	1.1 U	1.2 U	5 U	1.1 U
Aldrin	UG/KG	1.2 U	1.1 U	1.1 U	1.2 U	5 U	1.1 U
Heptachlor epoxide	UG/KG	1.2 U	1.1 U	1.1 U	1.2 U	5 U	1.1 U
Endosulfan I	UG/KG	1.2 U	1.1 U	1.1 U	1.2 U	5 U	1.1 U
Dieldrin	UG/KG	2.3 U	2.1 U	2.1 U	2.2 U	10 U	2.1 U
4,4'-DDE	UG/KG	2.3 U	5.1	2.1 U	22 J	19 J	19
Endrin	UG/KG	2.3 U	2.1 U	2.1 U	2.2 U	10 U	2.1 U
Endosulfan II	UG/KG	2.3 U	2.1 U	2.1 U	2.2 U	10 U	2.1 U
4,4'-DDD	UG/KG	2.3 U	6.4 J	2.1 U	19	21 NJ	16 J
Endosulfan sulfate	UG/KG	2.3 U	2.1 U	2.1 U	2.2 U	10 U	2.1 U
4,4'-DDT	UG/KG	2.3 U	6.3	2.1 U	50	40	7.2 J
Methoxychlor	UG/KG	12 U	11 U	11 U	12 U	50 U	11 U
Endrin ketone	UG/KG	2.3 U	2.1 U	2.1 U	2.2 U	10 U	2.1 U
Endrin aldehyde	UG/KG	2.3 U	2.1 U	2.1 U	2.2 U	10 U	2.1 U
alpha-Chlordane	UG/KG	1.2 U	12 J	1.1 U	15 NJ	62 J	1.1 U
gamma-Chlordane	UG/KG	1.2 U	5.4 J	1.1 U	5.0 NJ	29 J	1.1 U
Toxaphene	UG/KG	115 U	110 U	105 U	115 U	500 U	105 U
Aroclor 1016	UG/KG	23 U	21 U	21 U	22 U	100 U	21 U
Aroclor 1221	UG/KG	46 U	43 U	41 U	45 U	205 U	41 U
Aroclor 1232	UG/KG	23 U	21 U	21 U	22 U	100 U	21 U
Aroclor 1242	UG/KG	23 U	21 U	21 U	22 U	100 U	21 U
Aroclor 1248	UG/KG	23 U	21 U	21 U	22 U	100 U	21 U
Aroclor 1254	UG/KG	23 U	21 U	21 U	22 U	100 U	21 U
Aroclor 1260	UG/KG	23 U	21 U	21 U	22 U	100 U	21 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB27-00	28-E-SB28-00	28-E-SB29-00	28-E-SB31-00	28-E-SB32-00	28-E-SB33-00
Laboratory Sample ID:		940246-21	940241-05	940246-23	940241-26	940250-13	940241-13
Date Sampled:		3/28/94	3/25/94	3/26/94	3/25/94	3/26/94	3/26/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Bromomethane	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Vinyl chloride	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Chloroethane	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Methylene chloride	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Acetone	UG/KG	7 U	8 U	6 U	7 J	8 U	6 U
Carbon Disulfide	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
1,1-Dichloroethene	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
1,1-Dichloroethane	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Chloroform	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
1,2-Dichloroethane	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
2-Butanone	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
1,1,1-Trichloroethane	UG/KG	2 J	8 U	6 U	6 U	8 U	6 U
Carbon tetrachloride	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Bromodichloromethane	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
1,2-Dichloropropane	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Trichloroethene	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Dibromochloromethane	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Benzene	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Bromoform	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
2-Hexanone	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Tetrachloroethene	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Toluene	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Chlorobenzene	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Ethylbenzene	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Styrene	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U
Xylenes (total)	UG/KG	6 U	8 U	6 U	6 U	8 U	6 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB27-00	28-E-SB28-00	28-E-SB29-00	28-E-SB31-00	28-E-SB32-00	28-E-SB33-00
Laboratory Sample ID:		940246-21	940241-05	940246-23	940241-26	940250-13	940241-13
Date Sampled:		3/28/94	3/25/94	3/26/94	3/25/94	3/26/94	3/26/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
bis(2-Chloroethyl) ether	UG/KG	195 U	69 J	180 U	220 U	255 U	220 U
2-Chlorophenol	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
1,3-Dichlorobenzene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
1,4-Dichlorobenzene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
1,2-Dichlorobenzene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
2-Methylphenol	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
2,2'-oxybis-(1-chloropropane)	UG/KG	195 U	240 U	180 U	220 U	255 U	220 UJ
4-Methylphenol	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
N-Nitroso-di-n-propylamine	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Hexachloroethane	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Nitrobenzene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Isophorone	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
2-Nitrophenol	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
2,4-Dimethylphenol	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
bis(2-Chloroethoxy) methane	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
2,4-Dichlorophenol	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
1,2,4-Trichlorobenzene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Naphthalene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
4-Chloroaniline	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Hexachlorobutadiene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
4-Chloro-3-methylphenol	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
2-Methylnaphthalene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Hexachlorocyclopentadiene	UG/KG	195 U	240 U	180 UJ	220 U	255 U	220 U
2,4,6-Trichlorophenol	UG/KG	195 U	240 U	180 UJ	220 U	255 U	220 U
2,4,5-Trichlorophenol	UG/KG	470 U	600 U	440 UJ	550 U	600 U	550 U
2-Chloronaphthalene	UG/KG	195 U	240 U	180 UJ	220 U	255 U	220 U
2-Nitroaniline	UG/KG	470 U	600 U	440 UJ	550 U	600 U	550 U
Dimethyl phthalate	UG/KG	195 U	240 U	180 UJ	220 U	255 U	220 U
Acenaphthylene	UG/KG	195 U	240 U	180 UJ	220 U	255 U	220 U
2,6-Dinitrotoluene	UG/KG	195 U	240 U	180 UJ	220 U	255 U	220 U
3-Nitroaniline	UG/KG	470 U	600 U	440 UJ	550 U	600 U	550 U
Acenaphthene	UG/KG	195 U	240 U	180 UJ	220 U	255 U	220 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB27-00	28-E-SB28-00	28-E-SB29-00	28-E-SB31-00	28-E-SB32-00	28-E-SB33-00
Laboratory Sample ID:		940246-21	940241-05	940246-23	940241-26	940250-13	940241-13
Date Sampled:		3/28/94	3/25/94	3/26/94	3/25/94	3/26/94	3/26/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	470 U	600 U	440 UJ	550 U	600 UJ	550 U
4-Nitrophenol	UG/KG	470 U	600 U	440 UJ	550 U	600 U	550 U
Dibenzofuran	UG/KG	195 U	240 U	180 UJ	220 U	255 U	220 U
2,4-Dinitrotoluene	UG/KG	195 U	240 U	180 UJ	220 U	255 U	220 U
Diethylphthalate	UG/KG	195 U	240 U	180 UJ	220 U	255 U	220 U
4-Chlorophenyl phenyl ether	UG/KG	195 U	240 U	180 UJ	220 U	255 U	220 U
Fluorene	UG/KG	195 U	240 U	180 UJ	220 U	255 U	220 U
4-Nitroaniline	UG/KG	470 U	600 U	440 UJ	550 U	600 U	550 U
4,6-Dinitro-2-methylphenol	UG/KG	470 U	600 U	440 U	550 U	600 UJ	550 U
N-nitrosodiphenylamine	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
4-Bromophenyl-phenylether	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Hexachlorobenzene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Pentachlorophenol	UG/KG	470 U	600 U	440 U	550 U	600 U	550 U
Phenanthrene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Anthracene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Carbazole	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
di-n-Butylphthalate	UG/KG	195 U	58 J	180 U	220 U	255 U	220 U
Fluoranthene	UG/KG	43 J	240 U	180 U	220 U	255 U	220 U
Pyrene	UG/KG	51 J	240 U	180 U	220 U	255 U	220 U
Butyl benzyl phthalate	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
3,3'-Dichlorobenzidine	UG/KG	195 U	240 UJ	180 U	220 U	255 U	220 U
Benzo[a]anthracene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Chrysene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
bis(2-Ethylhexyl)phthalate	UG/KG	40 J	1000	180 U	1100	580	220 U
di-n-Octylphthalate	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Benzo[b]fluoranthene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Benzo[k]fluoranthene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Benzo[a]pyrene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Indeno[1,2,3-cd]pyrene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Dibenz[a,h]anthracene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U
Benzo[g,h,i]perylene	UG/KG	195 U	240 U	180 U	220 U	255 U	220 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB27-00	28-E-SB28-00	28-E-SB29-00	28-E-SB31-00	28-E-SB32-00	28-E-SB33-00
Laboratory Sample ID:		940246-21	940241-05	940246-23	940241-26	940250-13	940241-13
Date Sampled:		3/28/94	3/25/94	3/26/94	3/25/94	3/26/94	3/26/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	1.0 UJ	1.3 UJ	1.0 UJ	12 U	1.3 UJ	12 U
beta-BHC	UG/KG	1.0 UJ	1.3 UJ	1.0 UJ	12 U	1.3 UJ	12 U
delta-BHC	UG/KG	1.0 UJ	1.3 UJ	1.0 UJ	12 U	1.3 UJ	12 U
Lindane (gamma-BHC)	UG/KG	1.0 UJ	1.3 UJ	1.0 UJ	12 U	1.3 UJ	12 U
Heptachlor	UG/KG	1.0 UJ	1.3 UJ	1.0 UJ	12 U	1.3 UJ	12 U
Aldrin	UG/KG	1.0 UJ	1.3 UJ	1.0 UJ	12 U	1.3 UJ	12 U
Heptachlor epoxide	UG/KG	1.0 UJ	1.3 UJ	1.0 UJ	43 NJ	1.3 UJ	12 U
Endosulfan I	UG/KG	1.0 UJ	1.3 UJ	1.0 UJ	12 U	1.3 UJ	12 U
Dieldrin	UG/KG	2.0 UJ	7.1 J	1.8 UJ	22 U	2.6 UJ	22 U
4,4'-DDE	UG/KG	2.0 UJ	2.4 UJ	20 J	22 U	9.6 J	1300
Endrin	UG/KG	2.0 UJ	35 J	1.8 UJ	22 U	2.6 UJ	22 U
Endosulfan II	UG/KG	2.0 UJ	2.4 UJ	1.8 UJ	22 U	2.6 UJ	22 U
4,4'-DDD	UG/KG	2.0 UJ	53 NJ	1.8 UJ	22 U	0.91 NJ	120 NJ
Endosulfan sulfate	UG/KG	2.0 UJ	2.4 UJ	1.8 UJ	22 U	2.6 UJ	22 U
4,4'-DDT	UG/KG	2.0 UJ	15 NJ	20 J	22 U	2.6 UJ	1400
Methoxychlor	UG/KG	10 UJ	13 UJ	10 UJ	115 U	13 UJ	115 U
Endrin ketone	UG/KG	2.0 UJ	2.4 UJ	1.8 UJ	22 U	2.6 UJ	22 U
Endrin aldehyde	UG/KG	2.0 UJ	7.1 J	1.8 UJ	22 U	2.6 UJ	22 U
alpha-Chlordane	UG/KG	2.3 NJ	16 NJ	1.0 UJ	160 NJ	1.3 UJ	36 NJ
gamma-Chlordane	UG/KG	2.2 J	1.3 UJ	1.0 UJ	50 NJ	1.3 UJ	12 U
Toxaphene	UG/KG	100 UJ	125 UJ	95 UJ	1150 U	130 UJ	1150 U
Aroclor 1016	UG/KG	20 UJ	24 UJ	18 UJ	220 U	26 UJ	220 U
Aroclor 1221	UG/KG	40 UJ	49 UJ	37 UJ	445 U	50 UJ	445 U
Aroclor 1232	UG/KG	20 UJ	24 UJ	18 UJ	220 U	26 UJ	220 U
Aroclor 1242	UG/KG	20 UJ	24 UJ	18 UJ	220 U	26 UJ	220 U
Aroclor 1248	UG/KG	20 UJ	24 UJ	18 UJ	220 U	26 UJ	220 U
Aroclor 1254	UG/KG	20 UJ	24 UJ	18 UJ	220 U	26 UJ	220 U
Aroclor 1260	UG/KG	20 UJ	24 UJ	18 UJ	220 U	26 UJ	220 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB34-00	28-E-SB35-00	28-E-SB36-00	28-GW01-00	28-GW01DW-00	28-GW05-00
Laboratory Sample ID:		940246-29	940246-32	940241-14	940320-13	940320-20	940281-04
Date Sampled:		3/28/94	3/27/94	3/26/94	4/20/94	4/21/94	4/7/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Acetone	UG/KG	6 U	6 U	5 U	6 U	10 J	6 U
Carbon Disulfide	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	5 U	6 UJ	6 U	6 U
2-Hexanone	UG/KG	6 U	6 U	5 U	6 UJ	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	5 U	6 UJ	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	5 U	6 UJ	6 U	6 U
Toluene	UG/KG	6 U	6 U	5 U	6 UJ	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	5 U	6 UJ	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	5 U	6 UJ	6 U	6 U
Styrene	UG/KG	6 U	6 U	5 U	6 UJ	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	5 U	6 UJ	6 U	6 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB34-00	28-E-SB35-00	28-E-SB36-00	28-GW01-00	28-GW01DW-00	28-GW05-00
Laboratory Sample ID:		940246-29	940246-32	940241-14	940320-13	940320-20	940281-04
Date Sampled:		3/28/94	3/27/94	3/26/94	4/20/94	4/21/94	4/7/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
bis(2-Chloroethyl) ether	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
2-Chlorophenol	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
1,3-Dichlorobenzene	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
1,4-Dichlorobenzene	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
1,2-Dichlorobenzene	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
2-Methylphenol	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
2,2'-oxybis-(1-chloropropane)	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
4-Methylphenol	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
N-Nitroso-di-n-propylamine	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
Hexachloroethane	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
Nitrobenzene	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
Isophorone	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
2-Nitrophenol	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
2,4-Dimethylphenol	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
bis(2-Chloroethoxy) methane	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
2,4-Dichlorophenol	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
1,2,4-Trichlorobenzene	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
Naphthalene	UG/KG	190 U	190 U	200 U	69 J	175 U	180 U
4-Chloroaniline	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
Hexachlorobutadiene	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
4-Chloro-3-methylphenol	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
2-Methylnaphthalene	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
Hexachlorocyclopentadiene	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
2,4,6-Trichlorophenol	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
2,4,5-Trichlorophenol	UG/KG	465 U	460 U	480 U	455 U	425 U	440 U
2-Chloronaphthalene	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
2-Nitroaniline	UG/KG	465 U	460 U	480 U	455 U	425 U	440 U
Dimethyl phthalate	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
Acenaphthylene	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
2,6-Dinitrotoluene	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
3-Nitroaniline	UG/KG	465 U	460 U	480 U	455 U	425 U	440 U
Acenaphthene	UG/KG	190 U	190 U	200 U	83 J	175 U	180 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB34-00	28-E-SB35-00	28-E-SB36-00	28-GW01-00	28-GW01DW-00	28-GW05-00
Laboratory Sample ID:		940246-29	940246-32	940241-14	940320-13	940320-20	940281-04
Date Sampled:		3/28/94	3/27/94	3/26/94	4/20/94	4/21/94	4/7/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	465 U	460 U	480 U	455 U	425 U	440 U
4-Nitrophenol	UG/KG	465 U	460 U	480 U	455 U	425 U	440 U
Dibenzofuran	UG/KG	190 U	190 U	200 U	70 J	175 U	180 U
2,4-Dinitrotoluene	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
Diethylphthalate	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
4-Chlorophenyl phenyl ether	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
Fluorene	UG/KG	190 U	190 U	200 U	88 J	175 U	180 U
4-Nitroaniline	UG/KG	465 U	460 U	480 U	455 U	425 U	440 U
4,6-Dinitro-2-methylphenol	UG/KG	465 U	460 U	480 U	455 U	425 U	440 U
N-nitrosodiphenylamine	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
4-Bromophenyl-phenylether	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
Hexachlorobenzene	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
Pentachlorophenol	UG/KG	465 U	460 U	480 U	455 U	425 U	440 U
Phenanthrene	UG/KG	53 J	190 U	200 U	890	170 J	180 U
Anthracene	UG/KG	190 U	190 U	200 U	170 J	175 U	180 U
Carbazole	UG/KG	190 U	190 U	200 U	170 J	175 U	180 U
di-n-Butylphthalate	UG/KG	190 U	190 U	200 U	185 U	70 J	180 U
Fluoranthene	UG/KG	120 J	190 U	98 J	1800	380	180 U
Pyrene	UG/KG	99 J	190 U	83 J	2100	280 J	180 U
Butyl benzyl phthalate	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
3,3'-Dichlorobenzidine	UG/KG	190 U	190 U	200 U	185 U	175 UJ	180 U
Benzo[a]anthracene	UG/KG	64 J	190 U	65 J	1300	210 J	180 U
Chrysene	UG/KG	80 J	190 U	69 J	1200	250 J	180 U
bis(2-Ethylhexyl)phthalate	UG/KG	54 J	91 J	200 U	53 J	59 J	180 U
di-n-Octylphthalate	UG/KG	190 U	190 U	200 U	185 U	175 U	180 U
Benzo[b]fluoranthene	UG/KG	120 J	190 U	48 J	2800	270 J	180 U
Benzo[k]fluoranthene	UG/KG	190 U	190 U	100 J	700	210 J	180 U
Benzo[a]pyrene	UG/KG	65 J	190 U	58 J	1600	200 J	180 U
Indeno[1,2,3-cd]pyrene	UG/KG	44 J	190 U	200 U	1500	150 J	180 U
Dibenz[a,h]anthracene	UG/KG	190 U	190 U	200 U	120 J	175 U	180 U
Benzo[g,h,i]perylene	UG/KG	49 J	190 U	200 U	1700	160 J	180 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB34-00	28-E-SB35-00	28-E-SB36-00	28-GW01-00	28-GW01DW-00	28-GW05-00
Laboratory Sample ID:		940246-29	940246-32	940241-14	940320-13	940320-20	940281-04
Date Sampled:		3/28/94	3/27/94	3/26/94	4/20/94	4/21/94	4/7/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	10 UJ	1.0 UJ	1.0 U	10 U	9 U	10 U
beta-BHC	UG/KG	10 UJ	1.0 UJ	1.0 U	10 U	9 U	10 U
delta-BHC	UG/KG	10 UJ	1.0 UJ	1.0 U	10 U	9 U	10 U
Lindane (gamma-BHC)	UG/KG	10 UJ	1.0 UJ	1.0 U	10 U	9 U	10 U
Heptachlor	UG/KG	10 UJ	1.0 UJ	1.0 U	10 U	9 U	10 U
Aldrin	UG/KG	10 UJ	1.0 UJ	1.0 U	10 U	9 U	10 U
Heptachlor epoxide	UG/KG	30 J	1.0 UJ	1.0 U	10 U	9 U	10 U
Endosulfan I	UG/KG	10 UJ	1.0 UJ	1.0 U	10 U	9 U	10 U
Dieldrin	UG/KG	19 UJ	1.9 UJ	2.0 U	19 U	18 U	18 U
4,4'-DDE	UG/KG	340 J	1.9 UJ	56	1300 J	530	22 J
Endrin	UG/KG	19 UJ	1.9 UJ	2.0 U	19 U	18 U	18 U
Endosulfan II	UG/KG	19 UJ	1.9 UJ	2.0 U	19 U	18 U	18 U
4,4'-DDD	UG/KG	48 NJ	1.9 UJ	4.4 NJ	320 J	57 J	33 J
Endosulfan sulfate	UG/KG	19 UJ	1.9 UJ	2.0 U	41 J	18 U	18 U
4,4'-DDT	UG/KG	37 J	1.9 UJ	14 J	680 J	230	21 J
Methoxychlor	UG/KG	100 UJ	10 UJ	10 U	95 U	90 U	95 U
Endrin ketone	UG/KG	19 UJ	1.9 UJ	2.0 U	19 U	18 U	18 U
Endrin aldehyde	UG/KG	19 UJ	1.9 UJ	2.0 U	19 U	18 U	18 U
alpha-Chlordane	UG/KG	130 J	1.0 UJ	2.5 NJ	10 U	9 U	38 J
gamma-Chlordane	UG/KG	96 J	1.0 UJ	1.0 U	10 U	9 U	18 J
Toxaphene	UG/KG	1000 UJ	100 UJ	100 U	950 U	900 U	950 U
Aroclor 1016	UG/KG	190 UJ	19 UJ	20 U	185 U	175 U	180 U
Aroclor 1221	UG/KG	390 UJ	39 UJ	40 U	380 U	355 U	370 U
Aroclor 1232	UG/KG	190 UJ	19 UJ	20 U	185 U	175 U	180 U
Aroclor 1242	UG/KG	190 UJ	19 UJ	20 U	185 U	175 U	180 U
Aroclor 1248	UG/KG	190 UJ	19 UJ	20 U	185 U	175 U	180 U
Aroclor 1254	UG/KG	190 UJ	19 UJ	20 U	185 U	175 U	180 U
Aroclor 1260	UG/KG	190 UJ	19 UJ	20 U	185 U	175 U	180 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-00	28-GW07-00	28-GW07DW-00	28-GW08-00
Laboratory Sample ID:		940289-01	940289-04	940320-11	940289-24
Date Sampled:		4/7/94	4/8/94	4/18/94	4/9/94
	UNITS				
VOLATILES					
Chloromethane	UG/KG	6 U	7 U	6 U	6 U
Bromomethane	UG/KG	6 U	7 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	7 U	6 U	6 U
Chloroethane	UG/KG	6 U	7 U	6 U	6 U
Methylene chloride	UG/KG	6 U	7 U	6 U	6 J
Acetone	UG/KG	6 U	42 U	6 U	6 U
Carbon Disulfide	UG/KG	6 U	7 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	7 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	7 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	7 U	6 U	6 U
Chloroform	UG/KG	6 U	7 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	7 U	6 U	6 U
2-Butanone	UG/KG	6 U	7 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	7 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	7 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	7 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	7 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	7 U	6 U	6 U
Trichloroethene	UG/KG	6 U	7 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	7 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	7 U	6 U	6 U
Benzene	UG/KG	6 U	7 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	7 U	6 U	6 U
Bromoform	UG/KG	6 U	7 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	7 U	6 U	6 U
2-Hexanone	UG/KG	6 U	7 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	7 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	7 U	6 U	6 U
Toluene	UG/KG	6 U	7 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	7 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	7 U	6 U	6 U
Styrene	UG/KG	6 U	7 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	7 U	6 U	6 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-00	28-GW07-00	28-GW07DW-00	28-GW08-00
Laboratory Sample ID:		940289-01	940289-04	940320-11	940289-24
Date Sampled:		4/7/94	4/8/94	4/18/94	4/9/94
	UNITS				
SEMIVOLATILES					
Phenol	UG/KG	180 U	215 U	195 U	195 U
bis(2-Chloroethyl) ether	UG/KG	180 U	215 U	195 U	195 U
2-Chlorophenol	UG/KG	180 U	215 U	195 U	195 U
1,3-Dichlorobenzene	UG/KG	180 U	215 U	195 U	195 U
1,4-Dichlorobenzene	UG/KG	180 U	215 U	195 U	195 U
1,2-Dichlorobenzene	UG/KG	180 U	215 U	195 U	195 U
2-Methylphenol	UG/KG	180 U	215 U	195 U	195 U
2,2'-oxybis-(1-chloropropane)	UG/KG	180 U	215 U	195 U	195 U
4-Methylphenol	UG/KG	180 U	215 U	195 U	195 U
N-Nitroso-di-n-propylamine	UG/KG	180 U	215 U	195 U	195 U
Hexachloroethane	UG/KG	180 U	215 U	195 U	195 U
Nitrobenzene	UG/KG	180 U	215 U	195 U	195 U
Isophorone	UG/KG	180 U	215 U	195 U	195 U
2-Nitrophenol	UG/KG	180 U	215 U	195 U	195 U
2,4-Dimethylphenol	UG/KG	180 U	215 U	195 U	195 U
bis(2-Chloroethoxy) methane	UG/KG	180 U	215 U	195 U	195 U
2,4-Dichlorophenol	UG/KG	180 U	215 U	195 U	195 U
1,2,4-Trichlorobenzene	UG/KG	180 U	215 U	195 U	195 U
Naphthalene	UG/KG	180 U	215 U	195 U	195 U
4-Chloroaniline	UG/KG	180 U	215 U	195 U	195 U
Hexachlorobutadiene	UG/KG	180 U	215 U	195 U	195 U
4-Chloro-3-methylphenol	UG/KG	180 U	215 U	195 U	195 U
2-Methylnaphthalene	UG/KG	180 U	215 U	195 U	195 U
Hexachlorocyclopentadiene	UG/KG	180 U	215 U	195 U	195 U
2,4,6-Trichlorophenol	UG/KG	180 U	215 U	195 U	195 U
2,4,5-Trichlorophenol	UG/KG	440 U	550 U	475 U	470 U
2-Chloronaphthalene	UG/KG	180 U	215 U	195 U	195 U
2-Nitroaniline	UG/KG	440 U	550 U	475 U	470 U
Dimethyl phthalate	UG/KG	180 U	215 U	195 U	195 U
Acenaphthylene	UG/KG	180 U	215 U	195 U	195 U
2,6-Dinitrotoluene	UG/KG	180 U	215 U	195 U	195 U
3-Nitroaniline	UG/KG	440 U	550 U	475 U	470 U
Acenaphthene	UG/KG	180 U	215 U	195 U	195 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-00	28-GW07-00	28-GW07DW-00	28-GW08-00
Laboratory Sample ID:		940289-01	940289-04	940320-11	940289-24
Date Sampled:		4/7/94	4/8/94	4/18/94	4/9/94
	UNITS				
SEMIVOLATILES Cont.					
2,4-Dinitrophenol	UG/KG	440 U	550 U	475 U	470 U
4-Nitrophenol	UG/KG	440 U	550 U	475 U	470 U
Dibenzofuran	UG/KG	180 U	215 U	195 U	195 U
2,4-Dinitrotoluene	UG/KG	180 U	215 U	195 U	195 U
Diethylphthalate	UG/KG	180 U	215 UJ	195 U	195 U
4-Chlorophenyl phenyl ether	UG/KG	180 U	215 U	195 U	195 U
Fluorene	UG/KG	180 U	215 U	195 U	195 U
4-Nitroaniline	UG/KG	440 U	550 U	475 U	470 U
4,6-Dinitro-2-methylphenol	UG/KG	440 U	550 UJ	475 U	470 U
N-nitrosodiphenylamine	UG/KG	180 U	215 U	195 U	195 U
4-Bromophenyl-phenylether	UG/KG	180 U	215 U	195 U	195 U
Hexachlorobenzene	UG/KG	180 U	215 U	195 U	195 U
Pentachlorophenol	UG/KG	440 U	550 U	475 U	470 U
Phenanthrene	UG/KG	180 U	215 U	195 U	195 U
Anthracene	UG/KG	180 U	215 U	195 U	195 U
Carbazole	UG/KG	180 U	215 U	195 U	195 U
di-n-Butylphthalate	UG/KG	180 U	215 U	195 U	195 U
Fluoranthene	UG/KG	180 U	215 U	195 U	195 U
Pyrene	UG/KG	180 U	215 U	195 U	195 U
Butyl benzyl phthalate	UG/KG	180 U	215 U	195 U	195 U
3,3'-Dichlorobenzidine	UG/KG	180 U	215 UJ	195 U	195 U
Benzo[a]anthracene	UG/KG	180 U	215 U	195 U	195 U
Chrysene	UG/KG	180 U	215 U	195 U	195 U
bis(2-Ethylhexyl)phthalate	UG/KG	82 J	215 U	195 U	45 J
di-n-Octylphthalate	UG/KG	180 U	215 U	195 U	195 U
Benzo[b]fluoranthene	UG/KG	180 U	215 U	195 U	195 U
Benzo[k]fluoranthene	UG/KG	180 U	215 U	195 U	195 U
Benzo[a]pyrene	UG/KG	180 U	215 U	195 U	195 U
Indeno[1,2,3-cd]pyrene	UG/KG	180 U	215 U	195 U	195 U
Dibenz[a,h]anthracene	UG/KG	180 U	215 U	195 U	195 U
Benzo[g,h,i]perylene	UG/KG	180 U	215 U	195 U	195 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-00	28-GW07-00	28-GW07DW-00	28-GW08-00
Laboratory Sample ID:		940289-01	940289-04	940320-11	940289-24
Date Sampled:		4/7/94	4/8/94	4/18/94	4/9/94
	UNITS				
PESTICIDES/PCBs					
alpha-BHC	UG/KG	1.0 UJ	1.1 UJ	1.0 U	1.0 U
beta-BHC	UG/KG	1.0 UJ	1.1 UJ	1.0 U	1.0 U
delta-BHC	UG/KG	1.0 UJ	1.1 UJ	1.0 U	1.0 U
Lindane (gamma-BHC)	UG/KG	1.0 UJ	1.1 UJ	1.0 U	1.0 U
Heptachlor	UG/KG	1.0 UJ	1.1 UJ	1.0 U	1.0 U
Aldrin	UG/KG	1.0 UJ	1.1 UJ	1.0 U	1.0 U
Heptachlor epoxide	UG/KG	1.0 UJ	1.1 UJ	1.0 U	1.0 U
Endosulfan I	UG/KG	1.0 UJ	1.1 UJ	1.0 U	1.0 U
Dieldrin	UG/KG	1.8 UJ	2.2 UJ	2.0 U	2.0 U
4,4'-DDE	UG/KG	28 J	2.2 UJ	2.0 U	8.5
Endrin	UG/KG	1.8 UJ	2.2 UJ	2.0 U	2.0 U
Endosulfan II	UG/KG	1.8 UJ	2.2 UJ	2.0 U	2.0 U
4,4'-DDD	UG/KG	1.8 UJ	2.2 UJ	2.0 U	2.0 U
Endosulfan sulfate	UG/KG	1.8 UJ	2.2 UJ	2.0 U	2.0 U
4,4'-DDT	UG/KG	9.2 J	2.2 UJ	14	2.0 U
Methoxychlor	UG/KG	10 UJ	11 UJ	10 U	10 U
Endrin ketone	UG/KG	1.8 UJ	2.2 UJ	2.0 U	2.0 U
Endrin aldehyde	UG/KG	1.8 UJ	2.2 UJ	2.0 U	2.0 U
alpha-Chlordane	UG/KG	1.0 UJ	1.1 UJ	1.0 U	1.0 U
gamma-Chlordane	UG/KG	1.0 UJ	1.1 UJ	1.0 U	1.0 U
Toxaphene	UG/KG	95 UJ	110 UJ	100 U	100 U
Aroclor 1016	UG/KG	18 UJ	22 UJ	20 U	20 U
Aroclor 1221	UG/KG	37 UJ	44 UJ	40 U	39 U
Aroclor 1232	UG/KG	18 UJ	22 UJ	20 U	20 U
Aroclor 1242	UG/KG	18 UJ	22 UJ	20 U	20 U
Aroclor 1248	UG/KG	18 UJ	22 UJ	20 U	20 U
Aroclor 1254	UG/KG	18 UJ	22 UJ	20 U	20 U
Aroclor 1260	UG/KG	18 UJ	22 UJ	20 U	20 U

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/KG	2 J	5.8	0.9	6.0	6.2
Bromomethane	UG/KG	ND	NA	NA	NA	NA
Vinyl chloride	UG/KG	ND	NA	NA	NA	NA
Chloroethane	UG/KG	ND	NA	NA	NA	NA
Methylene chloride	UG/KG	6 J	5.8	0.8	6.0	6.1
Acetone	UG/KG	10 J	7.0	5.7	8.6	7.5
Carbon Disulfide	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethene	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/KG	ND	NA	NA	NA	NA
Chloroform	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
2-Butanone	UG/KG	ND	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/KG	2 J	5.8	0.9	6.1	6.2
Carbon tetrachloride	UG/KG	ND	NA	NA	NA	NA
Bromodichloromethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/KG	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Trichloroethene	UG/KG	ND	NA	NA	NA	NA
Dibromochloromethane	UG/KG	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/KG	ND	NA	NA	NA	NA
Benzene	UG/KG	ND	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Bromoform	UG/KG	ND	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/KG	ND	NA	NA	NA	NA
2-Hexanone	UG/KG	ND	NA	NA	NA	NA
Tetrachloroethene	UG/KG	ND	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	ND	NA	NA	NA	NA
Toluene	UG/KG	ND	NA	NA	NA	NA
Chlorobenzene	UG/KG	ND	NA	NA	NA	NA
Ethylbenzene	UG/KG	ND	NA	NA	NA	NA
Styrene	UG/KG	ND	NA	NA	NA	NA
Xylenes (total)	UG/KG	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/KG	69 J	196.5	26.3	203.5	207.7
2-Chlorophenol	UG/KG	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
2-Methylphenol	UG/KG	ND	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/KG	ND	NA	NA	NA	NA
4-Methylphenol	UG/KG	ND	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/KG	ND	NA	NA	NA	NA
Hexachloroethane	UG/KG	ND	NA	NA	NA	NA
Nitrobenzene	UG/KG	ND	NA	NA	NA	NA
Isophorone	UG/KG	ND	NA	NA	NA	NA
2-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
2,4-Dimethylphenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/KG	ND	NA	NA	NA	NA
2,4-Dichlorophenol	UG/KG	ND	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	ND	NA	NA	NA	NA
Naphthalene	UG/KG	69 J	197.9	27.2	205.1	209.3
4-Chloroaniline	UG/KG	ND	NA	NA	NA	NA
Hexachlorobutadiene	UG/KG	ND	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/KG	ND	NA	NA	NA	NA
2-Methylnaphthalene	UG/KG	ND	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/KG	ND	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2-Chloronaphthalene	UG/KG	ND	NA	NA	NA	NA
2-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Dimethyl phthalate	UG/KG	ND	NA	NA	NA	NA
Acenaphthylene	UG/KG	ND	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
3-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Acenaphthene	UG/KG	83 J	194.1	34.6	203.3	212.0

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
	UNITS					
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	ND	NA	NA	NA	NA
4-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
Dibenzofuran	UG/KG	70 J	197.9	27.0	205.1	209.2
2,4-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
Diethylphthalate	UG/KG	ND	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/KG	ND	NA	NA	NA	NA
Fluorene	UG/KG	88 J	194.4	33.4	203.3	210.5
4-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/KG	ND	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/KG	ND	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/KG	ND	NA	NA	NA	NA
Hexachlorobenzene	UG/KG	ND	NA	NA	NA	NA
Pentachlorophenol	UG/KG	46 J	476.2	82.0	498.2	551.5
Phenanthrene	UG/KG	1100	233.6	193.4	285.5	284.6
Anthracene	UG/KG	240 J	198.4	22.5	204.4	205.2
Carbazole	UG/KG	170 J	193.0	33.0	201.8	208.0
di-n-Butylphthalate	UG/KG	70 J	193.6	34.0	202.7	210.8
Fluoranthene	UG/KG	1800	278.9	366.0	377.1	326.8
Pyrene	UG/KG	2100	265.2	348.2	358.6	303.9
Butyl benzyl phthalate	UG/KG	88 J	198.2	25.0	204.9	207.3
3,3'-Dichlorobenzidine	UG/KG	ND	NA	NA	NA	NA
Benzo[a]anthracene	UG/KG	1300	243.1	218.6	301.8	278.1
Chrysene	UG/KG	1200	236.1	211.8	293.0	279.8
bis(2-Ethylhexyl)phthalate	UG/KG	5900 R	409.5	541.4	556.6	609.4
di-n-Octylphthalate	UG/KG	110 J	198.6	22.6	204.7	205.9
Benzo[b]fluoranthene	UG/KG	2800	261.9	421.6	375.0	294.8
Benzo[k]fluoranthene	UG/KG	740	220.5	124.2	253.9	252.9
Benzo[a]pyrene	UG/KG	1600	234.3	235.9	297.6	267.3
Indeno[1,2,3-cd]pyrene	UG/KG	1500	225.7	210.7	282.2	254.0
Dibenz[a,h]anthracene	UG/KG	120 J	199.1	21.6	204.9	205.8
Benzo[g,h,i]perylene	UG/KG	1700	229.8	241.4	294.6	253.0

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
PESTICIDES/PCBs						
alpha-BHC	UG/KG	ND	NA	NA	NA	NA
beta-BHC	UG/KG	ND	NA	NA	NA	NA
delta-BHC	UG/KG	ND	NA	NA	NA	NA
Lindane (gamma-BHC)	UG/KG	ND	NA	NA	NA	NA
Heptachlor	UG/KG	ND	NA	NA	NA	NA
Aldrin	UG/KG	ND	NA	NA	NA	NA
Heptachlor epoxide	UG/KG	43 NJ	4.9	8.3	7.1	6.9
Endosulfan I	UG/KG	ND	NA	NA	NA	NA
Dieldrin	UG/KG	7.1 J	6.8	7.4	8.8	9.7
4,4'-DDE	UG/KG	1300	129.8	323.2	216.5	347.7
Endrin	UG/KG	35 J	7.5	8.7	9.9	11.5
Endosulfan II	UG/KG	ND	NA	NA	NA	NA
4,4'-DDD	UG/KG	320 J	30.1	64.8	47.5	63.9
Endosulfan sulfate	UG/KG	41 J	7.1	9.0	9.5	10.4
4,4'-DDT	UG/KG	1400	87.6	266.7	159.1	148.5
Methoxychlor	UG/KG	ND	NA	NA	NA	NA
Endrin ketone	UG/KG	ND	NA	NA	NA	NA
Endrin aldehyde	UG/KG	7.1 J	6.7	7.3	8.7	9.4
alpha-Chlordane	UG/KG	160 NJ	17.1	35.0	26.5	38.2
gamma-Chlordane	UG/KG	96 J	8.6	18.3	13.5	12.9
Toxaphene	UG/KG	ND	NA	NA	NA	NA
Aroclor 1016	UG/KG	ND	NA	NA	NA	NA
Aroclor 1221	UG/KG	ND	NA	NA	NA	NA
Aroclor 1232	UG/KG	ND	NA	NA	NA	NA
Aroclor 1242	UG/KG	ND	NA	NA	NA	NA
Aroclor 1248	UG/KG	ND	NA	NA	NA	NA
Aroclor 1254	UG/KG	58 J	67.4	73.1	87.0	94.6
Aroclor 1260	UG/KG	44	66.3	73.5	86.1	92.4

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB01-00	28-W-SB02-00	28-W-SB03-00	28-W-SB04-00	28-W-SB05-00	28-W-SB06-00
Laboratory Sample ID:		940241-15	940241-24	940241-16	940250-16	940248-04	940248-05
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/27/94	3/27/94
Percent Solids		81.0	86.0	85.0	82	70.0	87.0
	UNITS						
Aluminum	MG/KG	821	1240	911	2310	1290 J	1070 J
Antimony	MG/KG	3.9 UJ	6.4 J	3.3 UJ	4.0 UJ	3.1 UJ	3.7 UJ
Arsenic	MG/KG	0.34 UJ	1.1	0.29 UJ	0.36 UJ	0.63	0.78
Barium	MG/KG	5.1	13.3	11.3	8.0	7.6	39.5
Beryllium	MG/KG	0.11 U	0.09 U	0.10 U	0.12 U	0.09 U	0.11 U
Cadmium	MG/KG	0.34 U	0.41 U	0.29 U	0.36 U	0.28 U	0.33 U
Calcium	MG/KG	875	16000 J	29600	2260	951 J	696 J
Chromium	MG/KG	1.6	5.8	2.5	3.3	2.6 J	1.7 J
Cobalt	MG/KG	0.45 U	0.34 U	0.38 U	0.48 U	0.37 U	0.44 U
Copper	MG/KG	1.5	26.4	7.0	9.9	13.5 J	21.8 J
Iron	MG/KG	536	2140	800	2820	1800 J	953 J
Lead	MG/KG	4.4	46.9 J	16.2	13.9	30.2 J	19.8 J
Magnesium	MG/KG	14.4 U	214 J	123	241	84.3 J	51.1 J
Manganese	MG/KG	7.3 J	28.3	20.0 J	20.1 J	43.5 J	43.9 J
Mercury	MG/KG	0.08	0.14 U	0.33	0.03 U	0.03 U	0.17
Nickel	MG/KG	0.8 U	0.6 U	0.7 U	0.9 U	1.7 J	3.2 J
Potassium	MG/KG	35.1 J	111 J	61.4 J	429 J	83.9 J	79.7 J
Selenium	MG/KG	0.45 U	0.34 U	0.38 U	0.48 U	0.37 UJ	0.44 UJ
Silver	MG/KG	0.6 UJ	0.42 UJ	0.48 UJ	0.6 UJ	0.46 UJ	0.6 UJ
Sodium	MG/KG	11.6 U	17.0 U	13.2 U	17.7 U	17.9 U	14.6 U
Thallium	MG/KG	0.45 U	0.34 U	0.38 U	0.48 U	0.37 U	0.44 U
Vanadium	MG/KG	2.5	4.5	2.5	6.4	3.2	2.5
Zinc	MG/KG	1.4 U	50.1	36.2	25.2 J	160 J	89.6 J

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB07-00	28-W-SB08-00	28-W-SB09-00	28-W-SB10-00	28-W-SB11-00	28-W-SB12-00
Laboratory Sample ID:		940250-20	940248-09	940241-34	940250-23	940248-11	940248-14
Date Sampled:		3/26/94	3/27/94	3/25/94	3/26/94	3/27/94	3/27/94
Percent Solids		84.0	84.0	90.0	83.0	85.0	89.0
	UNITS						
Aluminum	MG/KG	3260	5290 J	2300	4370	5860 J	7150 J
Antimony	MG/KG	3.8 UJ	27.5 J			3.1 UJ	3.6 UJ
Arsenic	MG/KG	0.33 UJ	15.7	0.77	0.36 UJ	3.0	1.1
Barium	MG/KG	12.7	94.7	11.5	25.6	40.5	58.1
Beryllium	MG/KG	0.11 U	0.14 U	0.09 U	0.12 U	0.09 U	0.11 U
Cadmium	MG/KG	0.73	12.5	0.49 U	1.3	7.5	2.4
Calcium	MG/KG	1600	960 J	667 J	1870 J	11400 J	2030 J
Chromium	MG/KG	5.6	21.9 J	4.8	9.9	21.7 J	11.8 J
Cobalt	MG/KG	0.44 U	8.0	0.34 U	1.2	1.4	1.1
Copper	MG/KG	12.2	210 J	13.2	36.9	4260 J	119 J
Iron	MG/KG	2370	5920 J	2340	4470	34100 J	5430 J
Lead	MG/KG	29.1	514 J	44.1 J	112 J	276 J	128 J
Magnesium	MG/KG	132	292 J	110 J	152 J	364 J	199 J
Manganese	MG/KG	42.7 J	39100 J	22.3 J	153	176 J	94.2 J
Mercury	MG/KG	0.08	0.46	0.05 U	0.29	0.27	0.21
Nickel	MG/KG	1.6	16.6 J	1.6	4.4	17.2 J	4.1 J
Potassium	MG/KG	93.6 J	201 J	580 J	156 J	304 J	201 J
Selenium	MG/KG	0.44 U	10.4 J	0.34 U	0.48 U	0.36 UJ	0.43 UJ
Silver	MG/KG	0.6 UJ	0.7 UJ	0.43 UJ	0.6 UJ	4.3 J	2.2 J
Sodium	MG/KG	31.7 U	31.9 U	22.4 U	25.3 U	47.3 U	37.1 U
Thallium	MG/KG	0.44 U	1.1	0.34 U	0.48 U	0.36 U	0.43 U
Vanadium	MG/KG	6.0	14.5	5.8	9.5	14.5	7.9
Zinc	MG/KG	88.3 J	23100 J	59.3	289	4140 J	519 J

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB13-00	28-W-SB14-00	28-W-SB15-00	28-W-SB16-00	28-W-SB17-00	28-W-SB18-00
Laboratory Sample ID:		940248-17	940248-19	940241-35	940248-21	940241-01	940248-23
Date Sampled:		3/27/94	3/27/94	3/25/94	3/27/94	3/25/94	3/27/94
Percent Solids		86.0	84.0	80.0	88.0	77.0	83.0
	UNITS						
Aluminum	MG/KG	1190 J	2460 J	5320	3170 J	1700	8410 J
Antimony	MG/KG	2.7 UJ	4.0 UJ	11.4 J		3.9 UJ	8.3 J
Arsenic	MG/KG	0.24 U	0.35 U	1.5	1.6	0.34 UJ	3.5
Barium	MG/KG	24.2	5.0	75.2	10.4	12.9	92.4
Beryllium	MG/KG	0.08 U	0.12 U	0.11 U	0.11 U	0.12 U	0.10 U
Cadmium	MG/KG	0.24 U	0.35 U	4.1	0.44 U	1.1	5.8
Calcium	MG/KG	210000 J	361 J	1690 J	1410 J	684	3080 J
Chromium	MG/KG	2.4 J	2.8 J	17.9	8.6	4.7	25.9
Cobalt	MG/KG	0.31 U	0.47 U	1.7	0.43 U	0.46 U	2.4
Copper	MG/KG	7.6 J	3.8 J	104	5.7	27.2	233
Iron	MG/KG	1660 J	1670 J	21900	3620 J	5030	27300 J
Lead	MG/KG	9.9 J	13.4 J	281 J	15.1	78.3	551
Magnesium	MG/KG	523 J	92.3 J	250 J	159	83.9	444
Manganese	MG/KG	36.3 J	11.3 J	222	20.0	71.7	669
Mercury	MG/KG	0.09	0.03 U	0.40	0.07	0.12	0.75
Nickel	MG/KG	1.1 J	1.9 J	8.3	2.2	1.7	26.7
Potassium	MG/KG	84.1 J	119 J	223 J	233 J	71.2 J	274 J
Selenium	MG/KG	3.1 UJ	0.47 UJ	0.43 U	0.43 U	0.46 U	0.41 U
Silver	MG/KG	0.39 UJ	0.6 UJ	2.2 J	0.6 UJ	0.8 UJ	3.0 J
Sodium	MG/KG	37.1 U	20.3 U	28.3 U	19.3 U	10.1 U	130
Thallium	MG/KG	0.31 U	0.47 U	0.43 U	0.43 U	0.46 U	0.41 U
Vanadium	MG/KG	2.8	3.9	10.5	8.3	4.2	14.9
Zinc	MG/KG	24.4 J	16.3 J	540	26.2	249	1020

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB19-00	28-W-SB20-00	28-E-SB21-00	28-E-SB22-00	28-E-SB23-00	28-E-SB24-00
Laboratory Sample ID:		940241-02	940241-03	940241-25	940246-19	940241-10	940241-12
Date Sampled:		3/25/94	3/25/94	3/25/94	3/26/94	3/26/94	3/26/94
Percent Solids		79.0	74.0	78.0	84.0	80.0	74.0
	UNITS						
Aluminum	MG/KG	1730	4070	3240	1830	2100	2480
Antimony	MG/KG	3.8 UJ	4.2 UJ		2.6 UJ	3.7 UJ	3.4 UJ
Arsenic	MG/KG	2.3 J	1.9 J	1.9	1.1	1.3 J	1.2 J
Barium	MG/KG	28.4	38.5	13.0	12.5	8.9	12.4
Beryllium	MG/KG	0.11 U	0.13 U	0.09 U	0.08 U	0.11 U	0.10 U
Cadmium	MG/KG	2.5	1.9	0.49 U	0.23 U	0.33 U	0.30 U
Calcium	MG/KG	12600	3500	35600 J	79100	291	58300
Chromium	MG/KG	13.4	14.1	6.8	4.2	4.5	4.9
Cobalt	MG/KG	2.5	0.50 U	0.37 U	0.31 U	0.44 U	0.40 U
Copper	MG/KG	36.1	92.8	10.8	3.0	2.9	3.1
Iron	MG/KG	40800	10500	3380	2180	2800	2680
Lead	MG/KG	99.9	157	15.0 J	10.8	5.0	8.2
Magnesium	MG/KG	223	441	489 J	289	76.8	344
Manganese	MG/KG	226	136	31.1	22.9 J	2.4 J	20.1 J
Mercury	MG/KG	0.16	0.29	0.05 U	0.03 U	0.03 U	0.12
Nickel	MG/KG	8.8	4.2	1.3	0.6 U	0.8 U	1.7
Potassium	MG/KG	102 J	370 J	188 J	129 J	115 J	362 J
Selenium	MG/KG	0.45 U	0.50 U	0.37 U	3.1 U	0.44 U	0.40 U
Silver	MG/KG	1.7 UJ	2.9 J	0.46 UJ	0.39 UJ	0.6 UJ	0.5 UJ
Sodium	MG/KG	27.2 U	276	27.9 U	66.6	17.1	19.7 U
Thallium	MG/KG	2.5	0.50 U	0.37 U	0.31 U	0.44 U	0.40 U
Vanadium	MG/KG	12.2	10.1	8.4	4.9	6.0	6.1
Zinc	MG/KG	157	334	29.3	14.0 J	1.6 U	16.6

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-E-SB25-00	28-E-SB26-00	28-E-SB27-00	28-E-SB28-00	28-E-SB29-00	28-E-SB30-00
Laboratory Sample ID:		940241-04	940250-11	940246-21	940241-05	940246-23	940246-26
Date Sampled:		3/25/94	3/26/94	3/28/94	3/25/94	3/26/94	3/26/94
Percent Solids		81.0	80.0	84.0	68.0	90.0	87.0
	UNITS						
Aluminum	MG/KG	3080	3520	1930 J	3350	1200 J	1960 J
Antimony	MG/KG	2.7 UJ	3.3 UJ	3.7 UJ	4.5 UJ	3.1 UJ	2.9 UJ
Arsenic	MG/KG	0.56 J	0.29 UJ	1.8	0.40 UJ	0.27 U	0.25 U
Barium	MG/KG	16.4	23.5	4.9	24.5	10.2	6.8
Beryllium	MG/KG	0.08 U	0.10 U	0.11 U	0.14 U	0.09 U	0.09 U
Cadmium	MG/KG	0.24 U	0.29 U	0.33 U	0.40 U	0.27 U	0.25 U
Calcium	MG/KG	68800	94300	2260 J	1650	3920 J	450 J
Chromium	MG/KG	6.1	5.8	4.8 J	14.6	1.4 J	3.5 J
Cobalt	MG/KG	0.32 U	0.39 U	0.44 U	0.6 U	0.36 U	0.34 U
Copper	MG/KG	6.6	25.1	6.7 J	47.1	4.5 J	4.3 J
Iron	MG/KG	2900	2930	2870 J	2530	638 J	1150 J
Lead	MG/KG	14.3	30.9	5.5 J	94.3	6.9 J	7.7 J
Magnesium	MG/KG	363	351	113 J	141	52.2 J	48.2 J
Manganese	MG/KG	22.9 J	27.8 J	16.0 J	17.3 J	9.4 J	10.2 J
Mercury	MG/KG	0.12	0.18	0.03 U	0.40	0.25	0.03 U
Nickel	MG/KG	1.6	3.8	1.6 UJ	3.3	1.0 UJ	1.6 UJ
Potassium	MG/KG	135 J	99.7 J	115 J	109 J	26.3 J	54.7 J
Selenium	MG/KG	0.32 U	0.39 U	0.44 UJ	1.5	0.36 UJ	0.34 UJ
Silver	MG/KG	0.40 UJ	0.48 UJ	0.6 UJ	0.9 UJ	0.45 UJ	0.42 UJ
Sodium	MG/KG	22.1 U	25.6 U	20.1 U	21.9 U	13.1 U	11.6 U
Thallium	MG/KG	0.32 U	0.39 U	0.44 U	0.6 U	0.80	0.34 U
Vanadium	MG/KG	6.7	7.1	6.8	9.2	2.0	3.7
Zinc	MG/KG	28.2	57.2 J	6.7 J	39.5	9.8 J	8.7 J

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-E-SB31-00	28-E-SB32-00	28-E-SB33-00	28-E-SB34-00	28-E-SB35-00	28-E-SB36-00
Laboratory Sample ID:		940241-26	940250-13	940241-13	940246-29	940246-32	940241-14
Date Sampled:		3/25/94	3/26/94	3/26/94	3/28/94	3/27/94	3/26/94
Percent Solids		74.0	64.0	75.0	85.0	86.0	82.0
	UNITS						
Aluminum	MG/KG	2260	2960	2270	2540 J	2170 J	3720
Antimony	MG/KG		4.6 UJ	3.7 UJ	3.6 UJ	3.0 UJ	2.7 UJ
Arsenic	MG/KG	0.77	0.405 UJ	0.33 UJ	0.71	0.79	0.24 UJ
Barium	MG/KG	7.4	19.2	21.7	61.7	9.1	9.9
Beryllium	MG/KG	0.10 U	0.135 U	0.11 U	0.11 U	0.09 U	0.08 U
Cadmium	MG/KG	0.30 U	0.405 U	0.33 U	0.81	0.26 U	0.66
Calcium	MG/KG	414 J	2260	8890	35800 J	3350 J	3880
Chromium	MG/KG	2.6	2.3	4.6	9.8 J	4.1 J	8.9
Cobalt	MG/KG	0.41 U	0.55 U	0.44 U	0.42 U	0.35 U	0.32 U
Copper	MG/KG	1.9	3.7	7.1	22.1 J	2.5 J	9.2
Iron	MG/KG	1140	922	1700	1710 J	1510 J	2360
Lead	MG/KG	4.7 J	18.8	16.5	47.8 J	6.8 J	19.4
Magnesium	MG/KG	68.1 J	117	178	293 J	109 J	168
Manganese	MG/KG	14.4 J	58.9 J	62.6	38.4 J	14.8 J	16.0 J
Mercury	MG/KG	0.03 U	0.08	0.10	1.1	0.05	0.46
Nickel	MG/KG	0.7 U	2.2	0.8 U	2.1 UJ	1.6 UJ	1.1
Potassium	MG/KG	77.2 J	740 J	127 J	81.7 J	109 J	174 J
Selenium	MG/KG	0.41 U	0.55 U	0.44 U	0.42 UJ	0.35 UJ	0.32 U
Silver	MG/KG	0.5 UJ	0.7 UJ	0.6 UJ	5.9 J	0.43 UJ	0.5 UJ
Sodium	MG/KG	12.1 U	22.25 U	15.2 U	23.5 U	34.2 U	12.8 U
Thallium	MG/KG	0.41 U	0.55 U	0.44 U	0.42 U	0.35 U	0.32 U
Vanadium	MG/KG	4.6	3.9	6.1	3.5	4.8	6.9
Zinc	MG/KG	8.0	14.6 J	15.9	101 J	13.5 J	40.5

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-GW01-00	28-GW01DW-00	28-GW05-00	28-GW06-00	28-GW07-00	28-GW07DW-00
Laboratory Sample ID:		940320-13	940320-20	940281-04	940289-01	940289-04	940320-11
Date Sampled:		4/20/94	4/21/94	4/7/94	4/7/94	4/8/94	4/18/94
Percent Solids		87.0	94.0	91.0	90.0	76.0	83.0
	UNITS						
Aluminum	MG/KG	5000	3000	3630	2390	920	846
Antimony	MG/KG	16.1 J	7.9 J	3.2 UJ	6.6	3.5 U	3.4 UJ
Arsenic	MG/KG	4.9	1.7	1.4	0.26 U	0.31 U	0.30 U
Barium	MG/KG	88.5	36.1	14.6	6.1	1.7	2.6
Beryllium	MG/KG	0.11 U	0.10 U	0.10 U	0.09 U	0.10 U	0.10 U
Cadmium	MG/KG	2.7	0.28 U	0.29 U	0.26 U	0.31 U	0.30 U
Calcium	MG/KG	49100 J	75100 J	41900	4190	349	4020 J
Chromium	MG/KG	24.3	8.4	6.2	6.9	0.7 U	2.0
Cobalt	MG/KG	2.0	0.37 U	1.2	0.34 U	0.41 U	0.39 U
Copper	MG/KG	154	25.4	5.5	4.5	0.6 U	3.1
Iron	MG/KG	18900	4970	3960	1280	630	775
Lead	MG/KG	512	316	11.4 J	59.4	3.9	5.1
Magnesium	MG/KG	1700	654	370	128	41.4	70.3
Manganese	MG/KG	357	95.1	21.1	7.0	5.9	7.5
Mercury	MG/KG	0.09	0.02 U	0.07	0.03 U	0.03 U	0.03 U
Nickel	MG/KG	36.3	5.2	0.8 U	0.6 UJ	0.7 UJ	0.7 U
Potassium	MG/KG	411 J	242 J	171	63.7 J	20.2 U	24.1 U
Selenium	MG/KG	0.42 UJ	0.37 UJ	0.38 U	0.34 U	0.41 U	0.39 UJ
Silver	MG/KG	1.5 J	0.47 UJ	0.48 UJ	0.43 UJ	0.5 UJ	0.49 UJ
Sodium	MG/KG	128	34.3 U	25.4	13.3 U	13.7 U	21.9 U
Thallium	MG/KG	0.42 U	0.37 U	0.38 U	0.34 UJ	0.41 UJ	0.39 U
Vanadium	MG/KG	19.0	6.1	7.4	4.1	2.0	1.3
Zinc	MG/KG	696	160	19.8	10.4	6.8	7.2

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:	28-GW08-00	
Laboratory Sample ID:	940289-24	
Date Sampled:	4/9/94	
Percent Solids		85.0
	UNITS	
Aluminum	MG/KG	1530
Antimony	MG/KG	3.4 U
Arsenic	MG/KG	1.2
Barium	MG/KG	14.7
Beryllium	MG/KG	0.10 U
Cadmium	MG/KG	0.30 U
Calcium	MG/KG	644
Chromium	MG/KG	5.0
Cobalt	MG/KG	0.40 U
Copper	MG/KG	32.3
Iron	MG/KG	3430
Lead	MG/KG	73.2
Magnesium	MG/KG	69.2
Manganese	MG/KG	74.2
Mercury	MG/KG	0.22
Nickel	MG/KG	0.7 UJ
Potassium	MG/KG	63.4 J
Selenium	MG/KG	0.40 U
Silver	MG/KG	0.5 UJ
Sodium	MG/KG	11.3 U
Thallium	MG/KG	0.40 U
Vanadium	MG/KG	3.6
Zinc	MG/KG	110

SITE 28
HADNOT POINT BURN DUMP
SURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Percent Solids						
	UNITS					
Aluminum	MG/KG	8410 J	2833.7	1695.2	3269.0	3417.0
Antimony	MG/KG	28 J	5.0	4.6	6.3	5.7
Arsenic	MG/KG	16	1.4	2.4	2.0	1.7
Barium	MG/KG	95	24.2	24.8	30.6	34.8
Beryllium	MG/KG	ND	NA	NA	NA	NA
Cadmium	MG/KG	13	1.2	2.3	1.8	1.6
Calcium	MG/KG	210000 J	20390.7	38881.3	30375.7	68880.1
Chromium	MG/KG	26	7.6	6.5	9.2	10.4
Cobalt	MG/KG	8	0.8	1.3	1.1	0.9
Copper	MG/KG	4260 J	130.9	646.9	297.0	129.7
Iron	MG/KG	40800	5662.9	9041.2	7984.7	7810.1
Lead	MG/KG	551	86.9	143.1	123.6	169.7
Magnesium	MG/KG	1700	242.5	272.9	312.5	335.9
Manganese	MG/KG	39100 J	979.0	5953.0	2507.8	327.5
Mercury	MG/KG	1	0.18	0.21	0.23	0.28
Nickel	MG/KG	36	4.2	7.2	6.0	5.6
Potassium	MG/KG	740 J	173.3	150.9	212.0	235.8
Selenium	MG/KG	10 J	0.8	1.6	1.2	0.8
Silver	MG/KG	6 J	1.0	1.1	1.3	1.1
Sodium	MG/KG	276	33.7	45.4	45.3	37.9
Thallium	MG/KG	3	0.48	0.34	0.57	0.51
Vanadium	MG/KG	19	6.5	3.9	7.5	7.9
Zinc	MG/KG	23100 J	752.1	3548.7	1663.4	1066.5

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-04	28-W-SB01-08	28-W-SB02-04	28-W-SB02-07	28-W-SB03-03	28-W-SB03-05
Laboratory Sample ID:		940244-09	940244-10	940244-13	940244-14	940244-11	940244-12
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/26/94	3/26/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Acetone	UG/KG	7 U	16	5 U	6 U	51	9 J
Carbon Disulfide	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	5 U	6 U	6 U	6 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-04	28-W-SB01-08	28-W-SB02-04	28-W-SB02-07	28-W-SB03-03	28-W-SB03-05
Laboratory Sample ID:		940244-09	940244-10	940244-13	940244-14	940244-11	940244-12
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/26/94	3/26/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
bis(2-Chloroethyl) ether	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
2-Chlorophenol	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
1,3-Dichlorobenzene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
1,4-Dichlorobenzene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
1,2-Dichlorobenzene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
2-Methylphenol	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
2,2'-oxybis-(1-chloropropane)	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
4-Methylphenol	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
N-Nitroso-di-n-propylamine	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Hexachloroethane	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Nitrobenzene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Isophorone	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
2-Nitrophenol	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
2,4-Dimethylphenol	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
bis(2-Chloroethoxy) methane	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
2,4-Dichlorophenol	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
1,2,4-Trichlorobenzene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Naphthalene	UG/KG	180 U	190 U	170 U	185 U	190 U	44 J
4-Chloroaniline	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Hexachlorobutadiene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
4-Chloro-3-methylphenol	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
2-Methylnaphthalene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Hexachlorocyclopentadiene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
2,4,6-Trichlorophenol	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
2,4,5-Trichlorophenol	UG/KG	435 U	465 U	415 U	450 U	465 U	470 U
2-Chloronaphthalene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
2-Nitroaniline	UG/KG	435 U	465 U	415 U	450 U	465 U	470 U
Dimethyl phthalate	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Acenaphthylene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
2,6-Dinitrotoluene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
3-Nitroaniline	UG/KG	435 U	465 U	415 U	450 U	465 U	470 U
Acenaphthene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-04	28-W-SB01-08	28-W-SB02-04	28-W-SB02-07	28-W-SB03-03	28-W-SB03-05
Laboratory Sample ID:		940244-09	940244-10	940244-13	940244-14	940244-11	940244-12
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/26/94	3/26/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	435 U	465 U	415 U	450 U	465 U	470 U
4-Nitrophenol	UG/KG	435 U	465 U	415 U	450 U	465 U	470 U
Dibenzofuran	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
2,4-Dinitrotoluene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Diethylphthalate	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
4-Chlorophenyl phenyl ether	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Fluorene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
4-Nitroaniline	UG/KG	435 U	465 U	415 U	450 U	465 U	470 U
4,6-Dinitro-2-methylphenol	UG/KG	435 U	465 U	415 U	450 U	465 U	470 U
N-nitrosodiphenylamine	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
4-Bromophenyl-phenylether	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Hexachlorobenzene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Pentachlorophenol	UG/KG	435 U	465 U	415 U	450 U	465 U	470 U
Phenanthrene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Anthracene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Carbazole	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
di-n-Butylphthalate	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Fluoranthene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Pyrene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Butyl benzyl phthalate	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
3,3'-Dichlorobenzidine	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Benzo[a]anthracene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Chrysene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
bis(2-Ethylhexyl)phthalate	UG/KG	180 U	610	170 U	185 U	190 U	195 U
di-n-Octylphthalate	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Benzo[b]fluoranthene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Benzo[k]fluoranthene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Benzo[a]pyrene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Indeno[1,2,3-cd]pyrene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Dibenz[a,h]anthracene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U
Benzo[g,h,i]perylene	UG/KG	180 U	190 U	170 U	185 U	190 U	195 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB01-04	28-W-SB01-08	28-W-SB02-04	28-W-SB02-07	28-W-SB03-03	28-W-SB03-05
Laboratory Sample ID:		940244-09	940244-10	940244-13	940244-14	940244-11	940244-12
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/26/94	3/26/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	0.9 U	1.0 U	0.9 U	1.0 U	1.0 U	1.0 U
beta-BHC	UG/KG	0.9 U	1.0 U	0.9 U	1.0 U	1.0 U	1.0 U
delta-BHC	UG/KG	0.9 U	1.0 U	0.9 U	1.0 U	1.0 U	1.0 U
Lindane (gamma-BHC)	UG/KG	0.9 U	1.0 U	0.9 U	1.0 U	1.0 U	1.0 U
Heptachlor	UG/KG	0.9 U	1.0 U	0.9 U	1.0 U	1.0 U	1.0 U
Aldrin	UG/KG	0.9 U	1.0 U	0.9 U	1.0 U	1.0 U	1.0 U
Heptachlor epoxide	UG/KG	0.9 U	1.0 U	0.9 U	1.0 U	1.0 U	1.0 U
Endosulfan I	UG/KG	0.9 U	1.0 U	0.9 U	1.0 U	1.0 U	1.0 U
Dieldrin	UG/KG	1.8 U	1.9 U	1.7 U	1.9 U	1.8 U	2.0 U
4,4'-DDE	UG/KG	1.8 U	3.5 J	1.7 U	4.0	20	5.3
Endrin	UG/KG	1.8 U	1.9 U	1.7 U	1.9 U	1.8 U	2.0 U
Endosulfan II	UG/KG	1.8 U	1.9 U	1.7 U	1.9 U	1.8 U	2.0 U
4,4'-DDD	UG/KG	1.8 U	1.9 U	1.7 U	1.9 U	7.8 NJ	2.0 U
Endosulfan sulfate	UG/KG	1.8 U	1.9 U	1.7 U	1.9 U	1.8 U	2.0 U
4,4'-DDT	UG/KG	1.8 U	4.2 J	1.7 U	3.0 J	5.4 J	6.8 J
Methoxychlor	UG/KG	9 U	10 U	9 U	10 U	10 U	10 U
Endrin ketone	UG/KG	1.8 U	1.9 U	1.7 U	1.9 U	1.8 U	2.0 U
Endrin aldehyde	UG/KG	1.8 U	1.9 U	1.7 U	1.9 U	1.8 U	2.0 U
alpha-Chlordane	UG/KG	0.9 U	1.0 U	0.9 U	1.0 U	1.0 U	1.0 U
gamma-Chlordane	UG/KG	0.9 U	1.0 U	0.9 U	1.0 U	1.0 U	1.0 U
Toxaphene	UG/KG	90 U	100 U	90 U	95 U	95 U	100 U
Aroclor 1016	UG/KG	18 U	19 U	17 U	19 U	18 U	20 U
Aroclor 1221	UG/KG	37 U	39 U	35 U	38 U	37 U	39 U
Aroclor 1232	UG/KG	18 U	19 U	17 U	19 U	18 U	20 U
Aroclor 1242	UG/KG	18 U	19 U	17 U	19 U	18 U	20 U
Aroclor 1248	UG/KG	18 U	19 U	17 U	19 U	18 U	20 U
Aroclor 1254	UG/KG	18 U	19 U	17 U	19 U	18 U	20 U
Aroclor 1260	UG/KG	18 U	19 U	17 U	19 U	77	25 J

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB04-03	28-W-SB04-06	28-W-SB06-05	28-W-SB07-01	28-W-SB07-06	28-W-SB08-04
Laboratory Sample ID:		940250-18	940250-19	940248-06	940250-21	940250-22	940248-10
Date Sampled:		3/26/94	3/26/94	3/27/94	3/26/94	3/26/94	3/27/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	6 U	6 U	6 UJ	17 U	6 U	17 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 U	6 U	6 UJ	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 U	6 U	6 UJ	6 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB04-03	28-W-SB04-06	28-W-SB06-05	28-W-SB07-01	28-W-SB07-06	28-W-SB08-04
Laboratory Sample ID:		940250-18	940250-19	940248-06	940250-21	940250-22	940248-10
Date Sampled:		3/26/94	3/26/94	3/27/94	3/26/94	3/26/94	3/27/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
bis(2-Chloroethyl) ether	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
2-Chlorophenol	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
1,3-Dichlorobenzene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
1,4-Dichlorobenzene	UG/KG	200 U	190 U	44 J	185 U	185 U	190 U
1,2-Dichlorobenzene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
2-Methylphenol	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
2,2'-oxybis-(1-chloropropane)	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
4-Methylphenol	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
N-Nitroso-di-n-propylamine	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
Hexachloroethane	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
Nitrobenzene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
Isophorone	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
2-Nitrophenol	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
2,4-Dimethylphenol	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
bis(2-Chloroethoxy) methane	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
2,4-Dichlorophenol	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
1,2,4-Trichlorobenzene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
Naphthalene	UG/KG	200 U	190 U	205 U	185 U	39 J	190 U
4-Chloroaniline	UG/KG	200 U	190 U	205 UJ	185 U	185 U	190 UJ
Hexachlorobutadiene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
4-Chloro-3-methylphenol	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
2-Methylnaphthalene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
Hexachlorocyclopentadiene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
2,4,6-Trichlorophenol	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
2,4,5-Trichlorophenol	UG/KG	480 U	465 U	500 U	450 U	445 U	460 U
2-Chloronaphthalene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
2-Nitroaniline	UG/KG	480 U	465 U	500 U	450 U	445 U	460 U
Dimethyl phthalate	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
Acenaphthylene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
2,6-Dinitrotoluene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
3-Nitroaniline	UG/KG	480 U	465 U	500 U	450 U	445 U	460 U
Acenaphthene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB04-03	28-W-SB04-06	28-W-SB06-05	28-W-SB07-01	28-W-SB07-06	28-W-SB08-04
Laboratory Sample ID:		940250-18	940250-19	940248-06	940250-21	940250-22	940248-10
Date Sampled:		3/26/94	3/26/94	3/27/94	3/26/94	3/26/94	3/27/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	480 UJ	465 U	500 U	450 U	445 U	460 U
4-Nitrophenol	UG/KG	480 U	465 U	500 U	450 U	445 U	460 U
Dibenzofuran	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
2,4-Dinitrotoluene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
Diethylphthalate	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
4-Chlorophenyl phenyl ether	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
Fluorene	UG/KG	200 U	190 U	205 U	185 UJ	185 U	190 U
4-Nitroaniline	UG/KG	480 U	465 U	500 U	450 UJ	445 U	460 U
4,6-Dinitro-2-methylphenol	UG/KG	480 UJ	465 U	500 U	450 UJ	445 U	460 U
N-nitrosodiphenylamine	UG/KG	200 U	190 U	205 U	185 UJ	185 U	190 U
4-Bromophenyl-phenylether	UG/KG	200 U	190 U	205 U	185 UJ	185 U	190 U
Hexachlorobenzene	UG/KG	200 U	190 U	205 U	185 UJ	185 U	190 U
Pentachlorophenol	UG/KG	480 U	465 U	500 U	450 UJ	445 U	460 U
Phenanthrene	UG/KG	200 U	190 U	205 U	185 UJ	38 J	190 U
Anthracene	UG/KG	200 U	190 U	205 U	185 UJ	185 U	190 U
Carbazole	UG/KG	200 U	190 U	205 U	185 UJ	185 U	190 U
di-n-Butylphthalate	UG/KG	200 U	190 U	205 U	185 UJ	185 U	190 U
Fluoranthene	UG/KG	200 U	190 U	205 U	140 J	57 J	190 U
Pyrene	UG/KG	200 U	190 U	205 U	54 J	62 J	190 U
Butyl benzyl phthalate	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
3,3'-Dichlorobenzidine	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
Benzo[a]anthracene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
Chrysene	UG/KG	200 U	190 U	205 U	46 J	49 J	190 U
bis(2-Ethylhexyl)phthalate	UG/KG	200 U	190 U	1100	150 J		330 J
di-n-Octylphthalate	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
Benzo[b]fluoranthene	UG/KG	200 U	190 U	205 U	38 J	62 J	190 U
Benzo[k]fluoranthene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
Benzo[a]pyrene	UG/KG	200 U	190 U	205 U	185 U	43 J	190 U
Indeno[1,2,3-cd]pyrene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
Dibenz[a,h]anthracene	UG/KG	200 U	190 U	205 U	185 U	185 U	190 U
Benzo[g,h,i]perylene	UG/KG	200 U	190 U	205 U	185 U	50 J	190 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB04-03	28-W-SB04-06	28-W-SB06-05	28-W-SB07-01	28-W-SB07-06	28-W-SB08-04
Laboratory Sample ID:		940250-18	940250-19	940248-06	940250-21	940250-22	940248-10
Date Sampled:		3/26/94	3/26/94	3/27/94	3/26/94	3/26/94	3/27/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	1.0 UJ	1.0 U	11 UJ	1.0 UJ	10 U	1.0 UJ
beta-BHC	UG/KG	1.0 UJ	1.0 U	11 U	1.0 UJ	10 U	1.0 UJ
delta-BHC	UG/KG	1.0 UJ	1.0 U	11 U	1.0 UJ	10 U	1.0 UJ
Lindane (gamma-BHC)	UG/KG	1.0 UJ	1.0 U	11 UJ	1.0 UJ	10 U	1.0 UJ
Heptachlor	UG/KG	1.0 UJ	1.0 U	11 U	1.0 UJ	10 U	1.0 UJ
Aldrin	UG/KG	1.0 UJ	1.0 U	11 U	1.0 UJ	10 U	1.0 UJ
Heptachlor epoxide	UG/KG	1.0 UJ	1.0 U	11 U	1.0 UJ	10 U	1.0 UJ
Endosulfan I	UG/KG	1.0 UJ	1.0 U	11 U	1.0 UJ	10 U	1.0 UJ
Dieldrin	UG/KG	2.0 UJ	1.9 U	21 U	1.9 UJ	19 U	1.9 UJ
4,4'-DDE	UG/KG	2.0 UJ	1.9 U	500	1.9 UJ	1600	1.9 UJ
Endrin	UG/KG	2.0 UJ	1.9 U	21 U	1.9 UJ	19 U	1.9 UJ
Endosulfan II	UG/KG	2.0 UJ	1.9 U	21 U	1.9 UJ	19 U	1.9 UJ
4,4'-DDD	UG/KG	2.0 UJ	1.9 U	130	1.9 UJ	780	1.9 UJ
Endosulfan sulfate	UG/KG	2.0 UJ	1.9 U	21 U	1.9 UJ	19 U	1.9 UJ
4,4'-DDT	UG/KG	2.0 UJ	1.9 U	21 UJ	1.9 UJ	22 NJ	1.9 UJ
Methoxychlor	UG/KG	10 UJ	10 U	105 U	10 UJ	95 U	10 UJ
Endrin ketone	UG/KG	2.0 UJ	1.9 U	21 U	1.9 UJ	19 U	1.9 UJ
Endrin aldehyde	UG/KG	2.0 UJ	1.9 U	21 U	1.9 UJ	19 U	1.9 UJ
alpha-Chlordane	UG/KG	1.0 UJ	1.0 U	45 J	1.0 UJ	10 U	1.0 UJ
gamma-Chlordane	UG/KG	1.0 UJ	1.0 U	11 U	1.0 UJ	10 U	1.0 UJ
Toxaphene	UG/KG	100 UJ	100 U	1050 U	95 UJ	950 U	100 UJ
Aroclor 1016	UG/KG	20 UJ	19 U	205 U	19 UJ	185 U	19 UJ
Aroclor 1221	UG/KG	40 UJ	39 U	420 U	38 UJ	370 U	39 UJ
Aroclor 1232	UG/KG	20 UJ	19 U	205 U	19 UJ	185 U	19 UJ
Aroclor 1242	UG/KG	20 UJ	19 U	205 U	19 UJ	185 U	19 UJ
Aroclor 1248	UG/KG	20 UJ	19 U	205 U	19 UJ	185 U	19 UJ
Aroclor 1254	UG/KG	20 UJ	19 U	205 U	19 UJ	185 U	19 UJ
Aroclor 1260	UG/KG	20 UJ	19 U	205 U	19 UJ	185 U	19 UJ

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB09-07	28-W-SB10-03	28-W-SB10-06	28-W-SB11-03	28-W-SB12-05	28-W-SB13-06
Laboratory Sample ID:		940244-05	940250-24	940250-25	940248-12	940248-16	940248-18
Date Sampled:		3/25/94	3/26/94	3/26/94	3/27/94	3/27/94	3/27/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Acetone	UG/KG	28	6 U	15 U	8 U	13 U	10 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
2-Butanone	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
2-Hexanone	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	5 J	6 U	10 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	10 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB09-07	28-W-SB10-03	28-W-SB10-06	28-W-SB11-03	28-W-SB12-05	28-W-SB13-06
Laboratory Sample ID:		940244-05	940250-24	940250-25	940248-12	940248-16	940248-18
Date Sampled:		3/25/94	3/26/94	3/26/94	3/27/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
bis(2-Chloroethyl) ether	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
2-Chlorophenol	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
1,3-Dichlorobenzene	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
1,4-Dichlorobenzene	UG/KG	200 U	180 U	180 U	1950 U	140 J	275 U
1,2-Dichlorobenzene	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
2-Methylphenol	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
2,2'-oxybis-(1-chloropropane)	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
4-Methylphenol	UG/KG	200 U	180 U	250 J	1950 U	195 U	275 U
N-Nitroso-di-n-propylamine	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
Hexachloroethane	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
Nitrobenzene	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
Isophorone	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
2-Nitrophenol	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
2,4-Dimethylphenol	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
bis(2-Chloroethoxy) methane	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
2,4-Dichlorophenol	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
1,2,4-Trichlorobenzene	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
Naphthalene	UG/KG	200 U	78 J	2600	730 J	47 J	275 U
4-Chloroaniline	UG/KG	200 U	180 U	180 U	1950 UJ	195 U	275 U
Hexachlorobutadiene	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
4-Chloro-3-methylphenol	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
2-Methylnaphthalene	UG/KG	200 U	89 J	82 J	1950 U	195 U	275 U
Hexachlorocyclopentadiene	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
2,4,6-Trichlorophenol	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
2,4,5-Trichlorophenol	UG/KG	485 U	440 U	435 U	4700 U	475 U	650 U
2-Chloronaphthalene	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
2-Nitroaniline	UG/KG	485 U	440 U	435 U	4700 U	475 U	650 U
Dimethyl phthalate	UG/KG	200 U	180 U	220 J	1950 U	195 U	79 J
Acenaphthylene	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
2,6-Dinitrotoluene	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
3-Nitroaniline	UG/KG	485 U	440 U	435 U	4700 U	475 U	650 U
Acenaphthene	UG/KG	200 U	180 U	180 U	2500 J	195 U	275 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB09-07	28-W-SB10-03	28-W-SB10-06	28-W-SB11-03	28-W-SB12-05	28-W-SB13-06
Laboratory Sample ID:		940244-05	940250-24	940250-25	940248-12	940248-16	940248-18
Date Sampled:		3/25/94	3/26/94	3/26/94	3/27/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	485 U	440 U	435 U	4700 U	475 U	650 U
4-Nitrophenol	UG/KG	485 U	440 U	435 U	4700 U	475 U	650 U
Dibenzofuran	UG/KG	200 U	180 U	180 U	1300 J	195 U	275 U
2,4-Dinitrotoluene	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
Diethylphthalate	UG/KG	200 U	180 U	180 U	1950 U	100 J	275 U
4-Chlorophenyl phenyl ether	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
Fluorene	UG/KG	200 U	87 J	180 U	2600 J	195 U	275 U
4-Nitroaniline	UG/KG	485 U	440 U	435 U	4700 U	475 U	650 U
4,6-Dinitro-2-methylphenol	UG/KG	485 U	440 U	435 U	4700 U	475 U	650 U
N-nitrosodiphenylamine	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
4-Bromophenyl-phenylether	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
Hexachlorobenzene	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
Pentachlorophenol	UG/KG	485 U	440 U	435 U	4700 U	475 U	650 U
Phenanthrene	UG/KG	200 U	150 J	180 U	27000	44 J	275 U
Anthracene	UG/KG	200 U	180 U	180 U	8600	195 U	275 U
Carbazole	UG/KG	200 U	180 U	180 U	4700	195 U	275 U
di-n-Butylphthalate	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
Fluoranthene	UG/KG	200 U	180 U	180 U		195 U	275 U
Pyrene	UG/KG	200 U	180 U	180 U		195 U	275 U
Butyl benzyl phthalate	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
3,3'-Dichlorobenzidine	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
Benzo[a]anthracene	UG/KG	200 U	180 U	180 U	24000	195 U	275 U
Chrysene	UG/KG	200 U	180 U	180 U	22000	195 U	275 U
bis(2-Ethylhexyl)phthalate	UG/KG	200 U	185 U	1300	960 J	240 J	550
di-n-Octylphthalate	UG/KG	200 U	180 U	180 U	1950 U	195 U	275 U
Benzo[b]fluoranthene	UG/KG	200 U	180 U	180 U	21000	195 U	275 U
Benzo[k]fluoranthene	UG/KG	200 U	180 U	180 U	18000	195 U	275 U
Benzo[a]pyrene	UG/KG	200 U	180 U	180 U	21000	195 U	275 U
Indeno[1,2,3-cd]pyrene	UG/KG	200 U	180 U	180 U	11000	195 U	275 U
Dibenz[a,h]anthracene	UG/KG	200 U	180 U	180 U	2800 J	195 U	275 U
Benzo[g,h,i]perylene	UG/KG	200 U	180 U	180 U	10000	195 U	275 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-W-SB09-07	28-W-SB10-03	28-W-SB10-06	28-W-SB11-03	28-W-SB12-05	28-W-SB13-06
Laboratory Sample ID:		940244-05	940250-24	940250-25	940248-12	940248-16	940248-18
Date Sampled:		3/25/94	3/26/94	3/26/94	3/27/94	3/27/94	3/27/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	1.1 U	4.7 U	1.9 U	1.0 UJ	2.0 UJ	14 UJ
beta-BHC	UG/KG	1.1 U	4.7 U	1.9 U	1.0 UJ	2.0 UJ	14 UJ
delta-BHC	UG/KG	1.1 U	4.7 U	1.9 U	1.0 UJ	2.0 UJ	14 UJ
Lindane (gamma-BHC)	UG/KG	1.1 U	4.7 U	1.9 U	1.0 UJ	2.0 UJ	14 UJ
Heptachlor	UG/KG	1.1 U	4.7 U	1.9 U	1.0 UJ	2.0 UJ	14 UJ
Aldrin	UG/KG	1.1 U	4.7 U	1.9 U	1.0 UJ	2.0 UJ	14 UJ
Heptachlor epoxide	UG/KG	1.1 U	4.7 U	1.9 U	1.0 UJ	2.0 UJ	14 UJ
Endosulfan I	UG/KG	1.1 U	4.7 U	1.9 U	1.0 UJ	2.0 UJ	14 UJ
Dieldrin	UG/KG	2.0 U	9 U	3.6 U	2.0 UJ	4.0 UJ	28 UJ
4,4'-DDE	UG/KG	270	46	41	41 J	650 J	410 J
Endrin	UG/KG	2.0 U	9 U	3.6 U	2.0 UJ	4.0 UJ	28 UJ
Endosulfan II	UG/KG	2.0 U	9 U	3.6 U	2.0 UJ	4.0 UJ	28 UJ
4,4'-DDD	UG/KG	150	130	60 J	60 J	260 J	280 J
Endosulfan sulfate	UG/KG	2.0 U	9 U	3.6 U	2.0 UJ	4.0 UJ	28 UJ
4,4'-DDT	UG/KG	16	17 J	3.6 U	2.0 UJ	43 J	28 UJ
Methoxychlor	UG/KG	11 U	47 U	19 U	10 UJ	20 UJ	140 UJ
Endrin ketone	UG/KG	2.0 U	9 U	3.6 U	2.0 UJ	4.0 UJ	28 UJ
Endrin aldehyde	UG/KG	2.0 U	9 U	3.6 U	2.0 UJ	4.0 UJ	28 UJ
alpha-Chlordane	UG/KG	1.1 U	4.7 U	1.9 U	1.0 UJ	65 J	14 UJ
gamma-Chlordane	UG/KG	2.6 NJ	4.7 U	1.9 U	2.7 J	11 NJ	14 UJ
Toxaphene	UG/KG	105 U	465 U	185 U	100 UJ	200 UJ	1400 UJ
Aroclor 1016	UG/KG	20 U	90 U	36 U	20 UJ	40 UJ	275 UJ
Aroclor 1221	UG/KG	41 U	185 U	75 U	40 UJ	80 UJ	550 UJ
Aroclor 1232	UG/KG	20 U	90 U	36 U	20 UJ	40 UJ	275 UJ
Aroclor 1242	UG/KG	20 U	90 U	36 U	20 UJ	40 UJ	275 UJ
Aroclor 1248	UG/KG	20 U	90 U	36 U	20 UJ	40 UJ	275 UJ
Aroclor 1254	UG/KG	20 U	90 U	36 U	20 UJ	40 UJ	275 UJ
Aroclor 1260	UG/KG	20 U	90 U	36 U	20 UJ	40 UJ	275 UJ

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB21-02	28-E-SB23-03	28-E-SB25-03	28-E-SB28-04	28-E-SB31-02	28-E-SB36-04
Laboratory Sample ID:		940244-01	940244-07	940240-01	940240-02	940244-02	940244-08
Date Sampled:		3/25/94	3/26/94	3/26/94	3/26/94	3/25/94	3/26/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Acetone	UG/KG	19 U	18 U	42 U	7 U	6 U	9 U
Carbon Disulfide	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
2-Butanone	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
2-Hexanone	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	7 U	7 U	6 U	6 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB21-02	28-E-SB23-03	28-E-SB25-03	28-E-SB28-04	28-E-SB31-02	28-E-SB36-04
Laboratory Sample ID:		940244-01	940244-07	940240-01	940240-02	940244-02	940244-08
Date Sampled:		3/25/94	3/26/94	3/26/94	3/26/94	3/25/94	3/26/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
bis(2-Chloroethyl) ether	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
2-Chlorophenol	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
1,3-Dichlorobenzene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
1,4-Dichlorobenzene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
1,2-Dichlorobenzene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
2-Methylphenol	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
2,2'-oxybis-(1-chloropropane)	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
4-Methylphenol	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
N-Nitroso-di-n-propylamine	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Hexachloroethane	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Nitrobenzene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Isophorone	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
2-Nitrophenol	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
2,4-Dimethylphenol	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
bis(2-Chloroethoxy) methane	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
2,4-Dichlorophenol	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
1,2,4-Trichlorobenzene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Naphthalene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
4-Chloroaniline	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Hexachlorobutadiene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
4-Chloro-3-methylphenol	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
2-Methylnaphthalene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Hexachlorocyclopentadiene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
2,4,6-Trichlorophenol	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
2,4,5-Trichlorophenol	UG/KG	450 U	460 U	460 U	550 U	460 U	480 U
2-Chloronaphthalene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
2-Nitroaniline	UG/KG	450 U	460 U	460 U	550 U	460 U	480 U
Dimethyl phthalate	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Acenaphthylene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
2,6-Dinitrotoluene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
3-Nitroaniline	UG/KG	450 U	460 U	460 U	550 U	460 U	480 U
Acenaphthene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB21-02	28-E-SB23-03	28-E-SB25-03	28-E-SB28-04	28-E-SB31-02	28-E-SB36-04
Laboratory Sample ID:		940244-01	940244-07	940240-01	940240-02	940244-02	940244-08
Date Sampled:		3/25/94	3/26/94	3/26/94	3/26/94	3/25/94	3/26/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	450 U	460 U	460 U	550 U	460 U	480 U
4-Nitrophenol	UG/KG	450 U	460 U	460 U	550 U	460 U	480 U
Dibenzofuran	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
2,4-Dinitrotoluene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Diethylphthalate	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
4-Chlorophenyl phenyl ether	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Fluorene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
4-Nitroaniline	UG/KG	450 U	460 U	460 U	550 U	460 U	480 U
4,6-Dinitro-2-methylphenol	UG/KG	450 U	460 U	460 U	550 U	460 U	480 U
N-nitrosodiphenylamine	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
4-Bromophenyl-phenylether	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Hexachlorobenzene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Pentachlorophenol	UG/KG	450 U	460 U	460 U	550 U	460 U	480 U
Phenanthrene	UG/KG	185 U	44 J	190 U	230 U	190 U	200 U
Anthracene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Carbazole	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
di-n-Butylphthalate	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Fluoranthene	UG/KG	40 J	76 J	190 U	230 U	190 U	42 J
Pyrene	UG/KG	185 U	56 J	190 U	230 U	190 U	200 U
Butyl benzyl phthalate	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
3,3'-Dichlorobenzidine	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Benzo[a]anthracene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Chrysene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
bis(2-Ethylhexyl)phthalate	UG/KG	185 U	260 U		230 U	190 U	1100
di-n-Octylphthalate	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Benzo[b]fluoranthene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Benzo[k]fluoranthene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Benzo[a]pyrene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Indeno[1,2,3-cd]pyrene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Dibenz[a,h]anthracene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U
Benzo[g,h,i]perylene	UG/KG	185 U	190 U	190 U	230 U	190 U	200 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-E-SB21-02	28-E-SB23-03	28-E-SB25-03	28-E-SB26-04	28-E-SB31-02	28-E-SB36-04
Laboratory Sample ID:		940244-01	940244-07	940240-01	940240-02	940244-02	940244-08
Date Sampled:		3/25/94	3/26/94	3/26/94	3/26/94	3/25/94	3/26/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	1.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U
beta-BHC	UG/KG	1.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U
delta-BHC	UG/KG	1.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U
Lindane (gamma-BHC)	UG/KG	1.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U
Heptachlor	UG/KG	1.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U
Aldrin	UG/KG	1.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U
Heptachlor epoxide	UG/KG	1.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U
Endosulfan I	UG/KG	1.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U
Dieldrin	UG/KG	1.9 U	1.9 U	1.9 U	2.3 U	1.9 U	2.0 U
4,4'-DDE	UG/KG	8.4	1.9 U	3.1 J	2.3 U	1.9 U	2.0 U
Endrin	UG/KG	1.9 U	1.9 U	1.9 U	2.3 U	1.9 U	2.0 U
Endosulfan II	UG/KG	1.9 U	1.9 U	1.9 U	2.3 U	1.9 U	2.0 U
4,4'-DDD	UG/KG	15	1.9 U	15	2.3 U	1.9 U	6.7
Endosulfan sulfate	UG/KG	1.9 U	1.9 U	1.9 U	2.3 U	1.9 U	2.0 U
4,4'-DDT	UG/KG	7.4	1.9 U	1.9 U	2.3 U	1.9 U	6.1 J
Methoxychlor	UG/KG	10 U	10 U	10 U	12 U	10 U	10 U
Endrin ketone	UG/KG	1.9 U	1.9 U	1.9 U	2.3 U	1.9 U	2.0 U
Endrin aldehyde	UG/KG	1.9 U	1.9 U	1.9 U	2.3 U	1.9 U	2.0 U
alpha-Chlordane	UG/KG	1.0 U	1.0 U	1.0 U	1.2 U	2.7 J	1.0 U
gamma-Chlordane	UG/KG	1.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U
Toxaphene	UG/KG	95 U	95 U	100 U	115 U	95 U	100 U
Aroclor 1016	UG/KG	19 U	19 U	19 U	23 U	19 U	20 U
Aroclor 1221	UG/KG	38 U	39 U	39 U	46 U	39 U	41 U
Aroclor 1232	UG/KG	19 U	19 U	19 U	23 U	19 U	20 U
Aroclor 1242	UG/KG	19 U	19 U	19 U	23 U	19 U	20 U
Aroclor 1248	UG/KG	19 U	19 U	19 U	23 U	19 U	20 U
Aroclor 1254	UG/KG	19 U	19 U	19 U	23 U	19 U	20 U
Aroclor 1260	UG/KG	19 U	19 U	19 U	23 U	19 U	20 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01-01	28-GW01DW-01	28-GW05-04	28-GW06-04	28-GW06-08	28-GW07-01
Laboratory Sample ID:		940320-14	940320-21	940281-06	940289-02	940289-03	940289-05
Date Sampled:		4/20/94	4/20/94	4/7/94	4/7/94	4/7/94	4/8/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
Bromomethane	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
Vinyl chloride	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
Chloroethane	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
Methylene chloride	UG/KG	8 J	4 J	7 U	7 U	7 U	6 U
Acetone	UG/KG	40 J	99	12 U	9 U	43 U	6 U
Carbon Disulfide	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
1,1-Dichloroethene	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
1,1-Dichloroethane	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
Chloroform	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
1,2-Dichloroethane	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
2-Butanone	UG/KG	6 U	21	7 U	7 U	7 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
Carbon tetrachloride	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
Bromodichloromethane	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
1,2-Dichloropropane	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
Trichloroethene	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
Dibromochloromethane	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
Benzene	UG/KG	6 U	2 J	7 U	7 U	7 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
Bromoform	UG/KG	6 U	5.5 U	7 U	7 U	7 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	5.5 UJ	7 U	7 U	7 U	6 U
2-Hexanone	UG/KG	6 UJ	5.5 UJ	7 U	7 U	7 U	6 U
Tetrachloroethene	UG/KG	6 UJ	5.5 UJ	7 U	7 U	7 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 UJ	5.5 UJ	7 U	7 U	7 U	6 U
Toluene	UG/KG	6 UJ	5.5 UJ	7 U	7 U	7 U	6 U
Chlorobenzene	UG/KG	6 UJ	5.5 UJ	7 U	7 U	7 U	6 U
Ethylbenzene	UG/KG	6 UJ	5.5 UJ	7 U	7 U	7 U	6 U
Styrene	UG/KG	6 UJ	5.5 UJ	7 U	7 U	7 U	6 U
Xylenes (total)	UG/KG	6 UJ	5.5 UJ	7 U	7 U	7 U	6 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01-01	28-GW01DW-01	28-GW05-04	28-GW06-04	28-GW06-08	28-GW07-01
Laboratory Sample ID:		940320-14	940320-21	940281-06	940289-02	940289-03	940289-05
Date Sampled:		4/20/94	4/20/94	4/7/94	4/7/94	4/7/94	4/8/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
bis(2-Chloroethyl) ether	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
2-Chlorophenol	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
1,3-Dichlorobenzene	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
1,4-Dichlorobenzene	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
1,2-Dichlorobenzene	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
2-Methylphenol	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
2,2'-oxybis-(1-chloropropane)	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
4-Methylphenol	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
N-Nitroso-di-n-propylamine	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
Hexachloroethane	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
Nitrobenzene	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
Isophorone	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
2-Nitrophenol	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
2,4-Dimethylphenol	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
bis(2-Chloroethoxy) methane	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
2,4-Dichlorophenol	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
1,2,4-Trichlorobenzene	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
Naphthalene	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
4-Chloroaniline	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
Hexachlorobutadiene	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
4-Chloro-3-methylphenol	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
2-Methylnaphthalene	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
Hexachlorocyclopentadiene	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
2,4,6-Trichlorophenol	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
2,4,5-Trichlorophenol	UG/KG	900 U	440 U	500 U	550 U	500 U	550 U
2-Chloronaphthalene	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
2-Nitroaniline	UG/KG	900 U	440 U	500 U	550 U	500 U	550 U
Dimethyl phthalate	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
Acenaphthylene	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
2,6-Dinitrotoluene	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
3-Nitroaniline	UG/KG	900 U	440 U	500 U	550 U	500 U	550 U
Acenaphthene	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01-01	28-GW01DW-01	28-GW05-04	28-GW06-04	28-GW06-08	28-GW07-01
Laboratory Sample ID:		940320-14	940320-21	940281-06	940289-02	940289-03	940289-05
Date Sampled:		4/20/94	4/20/94	4/7/94	4/7/94	4/7/94	4/8/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	900 U	440 U	500 U	550 U	500 U	550 U
4-Nitrophenol	UG/KG	900 U	440 U	500 U	550 U	500 U	550 U
Dibenzofuran	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
2,4-Dinitrotoluene	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
Diethylphthalate	UG/KG	375 U	180 U	205 U	220 U	215 UJ	215 U
4-Chlorophenyl phenyl ether	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
Fluorene	UG/KG	78 J	180 U	205 U	220 U	215 U	215 U
4-Nitroaniline	UG/KG	900 U	440 U	500 U	550 U	500 U	550 U
4,6-Dinitro-2-methylphenol	UG/KG	900 U	440 U	500 U	550 U	500 UJ	550 U
N-nitrosodiphenylamine	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
4-Bromophenyl-phenylether	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
Hexachlorobenzene	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
Pentachlorophenol	UG/KG	900 U	440 U	500 U	550 U	500 U	550 U
Phenanthrene	UG/KG	1200	84 J	205 U	220 U	215 U	44 J
Anthracene	UG/KG	330 J	180 U	205 U	220 U	215 U	215 U
Carbazole	UG/KG	94 J	180 U	205 U	220 U	215 U	215 U
di-n-Butylphthalate	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
Fluoranthene	UG/KG	2700	180 J	205 U	220 U	215 U	81 J
Pyrene	UG/KG	2600	170 J	205 U	220 U	215 U	51 J
Butyl benzyl phthalate	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
3,3'-Dichlorobenzidine	UG/KG	375 UJ	180 U	205 U	220 U	215 UJ	215 U
Benzo[a]anthracene	UG/KG	1900	120 J	205 U	220 U	215 U	215 U
Chrysene	UG/KG	1600	140 J	205 U	220 U	215 U	215 U
bis(2-Ethylhexyl)phthalate	UG/KG	110 J	180 U	205 U	220 U	215 U	640
di-n-Octylphthalate	UG/KG	375 U	180 U	205 U	220 U	215 U	215 U
Benzo[b]fluoranthene	UG/KG	1600	210 J	205 U	220 U	215 U	49 J
Benzo[k]fluoranthene	UG/KG	1500	50 J	205 U	220 U	215 U	215 U
Benzo[a]pyrene	UG/KG	1600	110 J	205 U	220 U	215 U	215 U
Indeno[1,2,3-cd]pyrene	UG/KG	1100 J	100 J	205 U	220 U	215 U	215 U
Dibenz[a,h]anthracene	UG/KG	110 J	180 U	205 U	220 U	215 U	215 U
Benzo[g,h,i]perylene	UG/KG	1200 J	120 J	205 U	220 U	215 U	215 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01-01	28-GW01DW-01	28-GW05-04	28-GW06-04	28-GW06-08	28-GW07-01
Laboratory Sample ID:		940320-14	940320-21	940281-06	940289-02	940289-03	940289-05
Date Sampled:		4/20/94	4/20/94	4/7/94	4/7/94	4/7/94	4/8/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	10 U	95 U	1.05 UJ	1.2 U	1.1 U	1.1 U
beta-BHC	UG/KG	10 U	95 U	1.05 UJ	1.2 U	1.1 U	1.1 U
delta-BHC	UG/KG	10 U	95 U	1.05 UJ	1.2 U	1.1 U	1.1 U
Lindane (gamma-BHC)	UG/KG	10 U	95 U	1.05 UJ	1.2 U	1.1 U	1.1 U
Heptachlor	UG/KG	10 U	95 U	1.05 UJ	1.2 U	1.1 U	1.1 U
Aldrin	UG/KG	10 U	95 U	1.05 UJ	1.2 U	1.1 U	1.1 U
Heptachlor epoxide	UG/KG	10 U	95 U	1.05 UJ	1.2 U	1.1 U	1.1 U
Endosulfan I	UG/KG	10 U	95 U	1.05 UJ	1.2 U	1.1 U	1.1 U
Dieldrin	UG/KG	19 U	180 U	2.05 UJ	2.2 U	2.2 U	2.0 U
4,4'-DDE	UG/KG	610 J	1400	2.05 UJ	2.2 U	2.2 U	35
Endrin	UG/KG	19 U	180 U	2.05 UJ	2.2 U	2.2 U	2.0 U
Endosulfan II	UG/KG	19 U	180 U	2.05 UJ	2.2 U	2.2 U	2.0 U
4,4'-DDD	UG/KG	630 J	880 NJ	2.05 UJ	2.2 U	2.2 U	20 J
Endosulfan sulfate	UG/KG	19 U	180 U	2.05 UJ	2.2 U	2.2 U	2.0 U
4,4'-DDT	UG/KG	430 J	7300 D	2.05 UJ	2.2 U	2.2 U	3.2 J
Methoxychlor	UG/KG	95 U	950 U	10.5 UJ	12 U	11 U	11 U
Endrin ketone	UG/KG	19 U	180 U	2.05 UJ	2.2 U	2.2 U	2.0 U
Endrin aldehyde	UG/KG	19 U	180 U	2.05 UJ	2.2 U	2.2 U	2.0 U
alpha-Chlordane	UG/KG	10 U	95 U	1.05 UJ	1.2 U	1.1 U	1.1 U
gamma-Chlordane	UG/KG	10 U	95 U	1.05 UJ	1.2 U	1.1 U	1.1 U
Toxaphene	UG/KG	950 U	9500 U	105 UJ	115 U	110 U	105 U
Aroclor 1016	UG/KG	190 U	1800 U	20.5 UJ	22 U	22 U	20 U
Aroclor 1221	UG/KG	385 U	3650 U	42 UJ	45 U	44 U	41 U
Aroclor 1232	UG/KG	190 U	1800 U	20.5 UJ	22 U	22 U	20 U
Aroclor 1242	UG/KG	190 U	1800 U	20.5 UJ	22 U	22 U	140 J
Aroclor 1248	UG/KG	190 U	1800 U	20.5 UJ	22 U	22 U	20 U
Aroclor 1254	UG/KG	190 U	1800 U	20.5 UJ	22 U	22 U	20 U
Aroclor 1260	UG/KG	190 U	1800 U	20.5 UJ	22 U	22 U	20 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW07DW-01	28-GW08-05
Laboratory Sample ID:		940320-12	940289-25
Date Sampled:		4/18/94	4/9/94
	UNITS		
VOLATILES			
Chloromethane	UG/KG	6 U	7 U
Bromomethane	UG/KG	6 U	7 U
Vinyl chloride	UG/KG	6 U	7 U
Chloroethane	UG/KG	6 U	7 U
Methylene chloride	UG/KG	6 U	5 J
Acetone	UG/KG	40 J	18 U
Carbon Disulfide	UG/KG	6 U	7 U
1,1-Dichloroethene	UG/KG	6 U	7 U
1,1-Dichloroethane	UG/KG	6 U	7 U
1,2-Dichloroethene(total)	UG/KG	6 U	7 U
Chloroform	UG/KG	6 U	7 U
1,2-Dichloroethane	UG/KG	6 U	7 U
2-Butanone	UG/KG	6 U	7 U
1,1,1-Trichloroethane	UG/KG	6 U	7 U
Carbon tetrachloride	UG/KG	6 U	7 U
Bromodichloromethane	UG/KG	6 U	7 U
1,2-Dichloropropane	UG/KG	6 U	7 U
cis-1,3-Dichloropropene	UG/KG	6 U	7 U
Trichloroethene	UG/KG	6 U	7 U
Dibromochloromethane	UG/KG	6 U	7 U
1,1,2-Trichloroethane	UG/KG	6 U	7 U
Benzene	UG/KG	6 U	7 U
trans-1,3-Dichloropropene	UG/KG	6 U	7 U
Bromoform	UG/KG	6 U	7 U
4-Methyl-2-pentanone	UG/KG	6 U	7 UJ
2-Hexanone	UG/KG	6 U	7 UJ
Tetrachloroethene	UG/KG	6 U	7 UJ
1,1,2,2-Tetrachloroethane	UG/KG	6 U	7 UJ
Toluene	UG/KG	6 U	7 UJ
Chlorobenzene	UG/KG	6 U	7 UJ
Ethylbenzene	UG/KG	6 U	7 UJ
Styrene	UG/KG	6 U	7 UJ
Xylenes (total)	UG/KG	6 U	7 UJ

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-GW07DW-01	28-GW08-05
Laboratory Sample ID:	940320-12	940289-25
Date Sampled:	4/18/94	4/9/94

	UNITS		
SEMIVOLATILES			
Phenol	UG/KG	200 U	220 U
bis(2-Chloroethyl) ether	UG/KG	200 U	220 U
2-Chlorophenol	UG/KG	200 U	220 U
1,3-Dichlorobenzene	UG/KG	200 U	220 U
1,4-Dichlorobenzene	UG/KG	200 U	220 U
1,2-Dichlorobenzene	UG/KG	200 U	220 U
2-Methylphenol	UG/KG	200 U	220 U
2,2'-oxybis-(1-chloropropane)	UG/KG	200 U	220 U
4-Methylphenol	UG/KG	200 U	220 U
N-Nitroso-di-n-propylamine	UG/KG	200 U	220 U
Hexachloroethane	UG/KG	200 U	220 U
Nitrobenzene	UG/KG	200 U	220 U
Isophorone	UG/KG	200 U	220 U
2-Nitrophenol	UG/KG	200 U	220 U
2,4-Dimethylphenol	UG/KG	200 U	220 U
bis(2-Chloroethoxy) methane	UG/KG	200 U	220 U
2,4-Dichlorophenol	UG/KG	200 U	220 U
1,2,4-Trichlorobenzene	UG/KG	200 U	220 U
Naphthalene	UG/KG	200 U	220 U
4-Chloroaniline	UG/KG	200 U	220 U
Hexachlorobutadiene	UG/KG	200 U	220 U
4-Chloro-3-methylphenol	UG/KG	200 U	220 U
2-Methylnaphthalene	UG/KG	200 U	220 U
Hexachlorocyclopentadiene	UG/KG	200 U	220 U
2,4,6-Trichlorophenol	UG/KG	200 U	220 U
2,4,5-Trichlorophenol	UG/KG	485 U	550 U
2-Chloronaphthalene	UG/KG	200 U	220 U
2-Nitroaniline	UG/KG	485 U	550 U
Dimethyl phthalate	UG/KG	200 U	220 U
Acenaphthylene	UG/KG	200 U	220 U
2,6-Dinitrotoluene	UG/KG	200 U	220 U
3-Nitroaniline	UG/KG	485 U	550 U
Acenaphthene	UG/KG	510	220 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW07DW-01	28-GW08-05
Laboratory Sample ID:		940320-12	940289-25
Date Sampled:		4/18/94	4/9/94
	UNITS		
SEMIVOLATILES Cont.			
2,4-Dinitrophenol	UG/KG	485 U	550 U
4-Nitrophenol	UG/KG	485 U	550 U
Dibenzofuran	UG/KG	200 U	220 J
2,4-Dinitrotoluene	UG/KG	200 U	220 U
Diethylphthalate	UG/KG	200 U	220 UJ
4-Chlorophenyl phenyl ether	UG/KG	200 U	220 U
Fluorene	UG/KG	99 J	220 U
4-Nitroaniline	UG/KG	485 U	550 U
4,6-Dinitro-2-methylphenol	UG/KG	485 U	550 UJ
N-nitrosodiphenylamine	UG/KG	200 U	220 U
4-Bromophenyl-phenylether	UG/KG	200 U	220 U
Hexachlorobenzene	UG/KG	200 U	220 U
Pentachlorophenol	UG/KG	485 U	550 U
Phenanthrene	UG/KG	200 U	49 J
Anthracene	UG/KG	200 U	220 U
Carbazole	UG/KG	200 U	220 U
di-n-Butylphthalate	UG/KG	200 U	220 U
Fluoranthene	UG/KG	48 J	220 U
Pyrene	UG/KG	200 U	220 U
Butyl benzyl phthalate	UG/KG	200 U	220 U
3,3'-Dichlorobenzidine	UG/KG	200 U	220 UJ
Benzo[a]anthracene	UG/KG	200 U	220 U
Chrysene	UG/KG	200 U	220 U
bis(2-Ethylhexyl)phthalate	UG/KG	66 J	62 J
di-n-Octylphthalate	UG/KG	200 U	220 U
Benzo[b]fluoranthene	UG/KG	200 U	220 U
Benzo[k]fluoranthene	UG/KG	200 U	220 U
Benzo[a]pyrene	UG/KG	200 U	220 U
Indeno[1,2,3-cd]pyrene	UG/KG	200 U	220 U
Dibenz[a,h]anthracene	UG/KG	200 U	220 U
Benzo[g,h,i]perylene	UG/KG	200 U	220 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-GW07DW-01	28-GW08-05
Laboratory Sample ID:	940320-12	940289-25
Date Sampled:	4/18/94	4/9/94

PESTICIDES/PCBs	UNITS		
alpha-BHC	UG/KG	1.1 U	1.2 U
beta-BHC	UG/KG	1.1 U	1.2 U
delta-BHC	UG/KG	1.1 U	1.2 U
Lindane (gamma-BHC)	UG/KG	1.1 U	1.2 U
Heptachlor	UG/KG	1.1 U	1.2 U
Aldrin	UG/KG	1.1 U	1.2 U
Heptachlor epoxide	UG/KG	1.1 U	1.2 U
Endosulfan I	UG/KG	1.1 U	1.2 U
Dieldrin	UG/KG	2.0 U	2.2 U
4,4'-DDE	UG/KG	12	56
Endrin	UG/KG	2.0 U	2.2 U
Endosulfan II	UG/KG	2.0 U	2.2 U
4,4'-DDD	UG/KG	15	6.2
Endosulfan sulfate	UG/KG	2.0 U	2.2 U
4,4'-DDT	UG/KG	2.0 U	2.2 U
Methoxychlor	UG/KG	11 U	12 U
Endrin ketone	UG/KG	2.0 U	2.2 U
Endrin aldehyde	UG/KG	2.0 U	2.2 U
alpha-Chlordane	UG/KG	1.1 U	1.2 U
gamma-Chlordane	UG/KG	1.1 U	1.2 U
Toxaphene	UG/KG	105 U	115 U
Aroclor 1016	UG/KG	20 U	22 U
Aroclor 1221	UG/KG	41 U	45 U
Aroclor 1232	UG/KG	20 U	22 U
Aroclor 1242	UG/KG	20 U	22 U
Aroclor 1248	UG/KG	20 U	22 U
Aroclor 1254	UG/KG	20 U	22 U
Aroclor 1260	UG/KG	20 U	22 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/KG	ND	NA	NA	NA	NA
Bromomethane	UG/KG	ND	NA	NA	NA	NA
Vinyl chloride	UG/KG	ND	NA	NA	NA	NA
Chloroethane	UG/KG	ND	NA	NA	NA	NA
Methylene chloride	UG/KG	8 J	6.0	1.0	6.3	6.3
Acetone	UG/KG	99	18.5	19.7	24.4	25.4
Carbon Disulfide	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethene	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/KG	ND	NA	NA	NA	NA
Chloroform	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
2-Butanone	UG/KG	21	6.5	2.8	7.4	7.0
1,1,1-Trichloroethane	UG/KG	ND	NA	NA	NA	NA
Carbon tetrachloride	UG/KG	ND	NA	NA	NA	NA
Bromodichloromethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/KG	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Trichloroethene	UG/KG	ND	NA	NA	NA	NA
Dibromochloromethane	UG/KG	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/KG	ND	NA	NA	NA	NA
Benzene	UG/KG	2 J	5.9	1.1	6.3	6.4
trans-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Bromoform	UG/KG	ND	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/KG	ND	NA	NA	NA	NA
2-Hexanone	UG/KG	ND	NA	NA	NA	NA
Tetrachloroethene	UG/KG	5 J	6.0	0.9	6.3	6.3
1,1,2,2-Tetrachloroethane	UG/KG	ND	NA	NA	NA	NA
Toluene	UG/KG	ND	NA	NA	NA	NA
Chlorobenzene	UG/KG	ND	NA	NA	NA	NA
Ethylbenzene	UG/KG	ND	NA	NA	NA	NA
Styrene	UG/KG	ND	NA	NA	NA	NA
Xylenes (total)	UG/KG	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/KG	ND	NA	NA	NA	NA
2-Chlorophenol	UG/KG	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	140 J	251.4	313.6	345.4	282.2
1,2-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
2-Methylphenol	UG/KG	ND	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/KG	ND	NA	NA	NA	NA
4-Methylphenol	UG/KG	250 J	260.3	310.6	353.5	278.2
N-Nitroso-di-n-propylamine	UG/KG	ND	NA	NA	NA	NA
Hexachloroethane	UG/KG	ND	NA	NA	NA	NA
Nitrobenzene	UG/KG	ND	NA	NA	NA	NA
Isophorone	UG/KG	ND	NA	NA	NA	NA
2-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
2,4-Dimethylphenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/KG	ND	NA	NA	NA	NA
2,4-Dichlorophenol	UG/KG	ND	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	ND	NA	NA	NA	NA
Naphthalene	UG/KG	2600	278.5	439.0	410.2	342.9
4-Chloroaniline	UG/KG	ND	NA	NA	NA	NA
Hexachlorobutadiene	UG/KG	ND	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/KG	ND	NA	NA	NA	NA
2-Methylnaphthalene	UG/KG	89 J	252.2	313.3	346.2	275.3
Hexachlorocyclopentadiene	UG/KG	ND	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2-Chloronaphthalene	UG/KG	ND	NA	NA	NA	NA
2-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Dimethyl phthalate	UG/KG	220 J	253.3	312.3	346.9	273.6
Acenaphthylene	UG/KG	ND	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
3-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Acenaphthene	UG/KG	2500 J	285.0	409.5	407.8	301.4

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	ND	NA	NA	NA	NA
4-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
Dibenzofuran	UG/KG	1300 J	237.8	197.3	297.0	257.4
2,4-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
Diethylphthalate	UG/KG	100 J	255.2	312.0	348.8	274.3
4-Chlorophenyl phenyl ether	UG/KG	ND	NA	NA	NA	NA
Fluorene	UG/KG	2600 J	263.1	428.1	391.5	279.8
4-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/KG	ND	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/KG	ND	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/KG	ND	NA	NA	NA	NA
Hexachlorobenzene	UG/KG	ND	NA	NA	NA	NA
Pentachlorophehol	UG/KG	ND	NA	NA	NA	NA
Phenanthrene	UG/KG	27000	1038.2	4741.4	2460.6	640.0
Anthracene	UG/KG	8600	464.5	1484.9	910.0	369.7
Carbazole	UG/KG	4700	335.3	796.9	574.3	314.5
di-n-Butylphthalate	UG/KG	ND	NA	NA	NA	NA
Fluoranthene	UG/KG	53000 R	250.3	458.6	390.1	298.9
Pyrene	UG/KG	32000 R	257.2	437.9	390.7	295.0
Butyl benzyl phthalate	UG/KG	ND	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/KG	ND	NA	NA	NA	NA
Benzo[a]anthracene	UG/KG	24000	993.0	4209.2	2255.7	580.5
Chrysene	UG/KG	22000	913.1	3856.2	2070.0	574.4
bis(2-Ethylhexyl)phthalate	UG/KG	14000 R	353.3	335.3	457.3	477.9
di-n-Octylphthalate	UG/KG	ND	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/KG	21000	879.0	3680.5	1983.1	615.8
Benzo[k]fluoranthene	UG/KG	18000	790.8	3149.0	1735.4	535.4
Benzo[a]pyrene	UG/KG	21000	885.1	3679.2	1988.8	561.9
Indeno[1,2,3-cd]pyrene	UG/KG	11000	561.1	1911.8	1134.6	435.0
Dibenz[a,h]anthracene	UG/KG	2800 J	276.4	461.2	414.8	282.8
Benzo[g,h,i]perylene	UG/KG	10000	529.4	1737.7	1050.7	444.0

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
PESTICIDES/PCBs						
alpha-BHC	UG/KG	ND	NA	NA	NA	NA
beta-BHC	UG/KG	ND	NA	NA	NA	NA
delta-BHC	UG/KG	ND	NA	NA	NA	NA
Lindane (gamma-BHC)	UG/KG	ND	NA	NA	NA	NA
Heptachlor	UG/KG	ND	NA	NA	NA	NA
Aldrin	UG/KG	ND	NA	NA	NA	NA
Heptachlor epoxide	UG/KG	ND	NA	NA	NA	NA
Endosulfan I	UG/KG	ND	NA	NA	NA	NA
Dieldrin	UG/KG	ND	NA	NA	NA	NA
4,4'-DDE	UG/KG	1600	179.4	392.9	297.3	1851.6
Endrin	UG/KG	ND	NA	NA	NA	NA
Endosulfan II	UG/KG	ND	NA	NA	NA	NA
4,4'-DDD	UG/KG	880 NJ	108.6	228.1	177.0	907.9
Endosulfan sulfate	UG/KG	ND	NA	NA	NA	NA
4,4'-DDT	UG/KG	7300 D	248.4	1289.0	635.0	117.0
Methoxychlor	UG/KG	ND	NA	NA	NA	NA
Endrin ketone	UG/KG	ND	NA	NA	NA	NA
Endrin aldehyde	UG/KG	ND	NA	NA	NA	NA
alpha-Chlordane	UG/KG	65 J	8.5	20.8	14.7	11.5
gamma-Chlordane	UG/KG	11 NJ	5.7	16.7	10.7	6.7
Toxaphene	UG/KG	ND	NA	NA	NA	NA
Aroclor 1016	UG/KG	ND	NA	NA	NA	NA
Aroclor 1221	UG/KG	ND	NA	NA	NA	NA
Aroclor 1232	UG/KG	ND	NA	NA	NA	NA
Aroclor 1242	UG/KG	140 J	106.6	316.4	201.5	119.8
Aroclor 1248	UG/KG	ND	NA	NA	NA	NA
Aroclor 1254	UG/KG	ND	NA	NA	NA	NA
Aroclor 1260	UG/KG	77	104.8	316.3	199.7	114.4

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB01-08	28-W-SB01-04	28-W-SB02-04	28-W-SB02-07	28-W-SB03-03	28-W-SB03-05
Laboratory Sample ID:		940244-10	940244-09	940244-13	940244-14	940244-11	940244-12
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/26/94	3/26/94
Percent Solids		85.0	91.0	96.0	89.0	85.0	84.0
	UNITS						
Aluminum	MG/KG	1090 J	921 J	688 J	832 J	4490 J	2580 J
Antimony	MG/KG	3.7 UJ	5.9 J	9.0 J	3.6 UJ	12.5 J	13.8 J
Arsenic	MG/KG	0.32 U	0.25 U	0.28 U	0.86	2.0	16.7
Barium	MG/KG	4.6	3.5	3.9	3.7	41.3	74.2
Beryllium	MG/KG	0.11 U	0.08 U	0.09 U	0.11 U	0.09 U	0.08 U
Cadmium	MG/KG	0.32 U	0.25 U	0.28 U	0.32 U	0.28 U	1.7
Calcium	MG/KG	275 J	150 J	51.3 J	170 J	98400 J	71400 J
Chromium	MG/KG	3.3 J	2.0 J	0.7 UJ	2.1 J	5.7 J	57.9 J
Cobalt	MG/KG	0.43 U	0.33 U	0.37 U	0.42 U	0.37 U	5.5
Copper	MG/KG	1.3 J				48.4 J	138 J
Iron	MG/KG	915 J	779 J	584 J	765 J	2560 J	78000 J
Lead	MG/KG	2.5 J	0.8 UJ	0.7 UJ	2.2 J	18.1 J	414 J
Magnesium	MG/KG	50.6 J	31.4 J	44.6 J	48.4 J	1040 J	717 J
Manganese	MG/KG	9.8 J	4.7 J	4.6 J	5.7 J	29.9 J	238 J
Mercury	MG/KG	0.03 U	0.02 U	0.03 U	0.03 U	0.06	0.05
Nickel	MG/KG	0.8 UJ	0.6 U	0.7 UJ	0.8 UJ	3.3 J	45.9 J
Potassium	MG/KG	64.1 J	19.1 U	358 J	54.5 J	287 J	195 J
Selenium	MG/KG	0.43 UJ	0.33 UJ	0.37 UJ	0.42 UJ	0.37 UJ	0.31 UJ
Silver	MG/KG	0.6 UJ	0.41 UJ	0.46 UJ	0.5 UJ	0.46 UJ	4.0 J
Sodium	MG/KG	16.5 U	10.7 U	7.8 U	18.3 U	27.0 U	31.0 U
Thallium	MG/KG	0.43 U	0.33 U	0.37 U	0.42 U	0.37 U	0.31 U
Vanadium	MG/KG	1.8	1.4	0.98	1.9	6.5	19.6
Zinc	MG/KG	2.7 J	0.95 J	1.0 J	1.9 J	28.1 J	359 J

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB04-03	28-W-SB04-06	28-W-SB06-05	28-W-SB08-04	28-W-SB09-07	28-W-SB10-03
Laboratory Sample ID:		940250-18	940250-19	940248-06	940248-10	940244-05	940250-24
Date Sampled:		3/26/94	3/26/94	3/27/94	3/27/94	3/25/94	3/26/94
Percent Solids		83.0	85.0	79.0	87.0	83.0	91.0
	UNITS						
Aluminum	MG/KG	2410	3090	10800 J	9590 J	8270 J	2760
Antimony	MG/KG	3.1 UJ	3.6 UJ	20.6 J	4.6 UJ	46.7 J	
Arsenic	MG/KG	0.28 UJ	0.32 UJ	25.1	4.7	19.8	0.31 UJ
Barium	MG/KG	7.7	9.9	198	105	215	15.9
Beryllium	MG/KG	0.09 U	0.11 U	0.12 U	0.14 U	0.12 U	0.11 U
Cadmium	MG/KG	0.77	0.32 U	14.8	4.5	6.3	0.90
Calcium	MG/KG	12000	1010	17200 J	9910 J	20400 J	59800 J
Chromium	MG/KG	5.7	6.0	98.5 J	20.1 J	82.2 J	10.2
Cobalt	MG/KG	0.37 U	0.42 U	15.4	3.1	12.2	0.90
Copper	MG/KG	2.7	1.7	697 J	256 J	3280 J	14.5
Iron	MG/KG	2310	2460	95400 J	9610 J	145000 J	3060
Lead	MG/KG	6.5	5.3	1700 J	299 J	1670 J	36.4 J
Magnesium	MG/KG	227	134	1060 J	616 J	1350 J	869 J
Manganese	MG/KG	12.7 J	9.9 J	1340 J	3340 J	1270 J	43.1
Mercury	MG/KG	0.03 U	0.03 U	0.60	0.45	0.42	0.08
Nickel	MG/KG	0.7 U	1.6	102 J	17.8 J	53.1 J	2.7
Potassium	MG/KG	428 J	111 J	583 J	515 J	501 J	271 J
Selenium	MG/KG	0.37 U	0.42 U	0.48 UJ	0.6 UJ	0.48 UJ	0.42 U
Silver	MG/KG	0.46 UJ	0.5 UJ	9.6 J	6.0 J	9.5 J	0.5 UJ
Sodium	MG/KG	26.9 U	18.1 U	267	201	408	100
Thallium	MG/KG	0.37 U	0.42 U	0.48 U	0.6 U	0.48 U	0.42 U
Vanadium	MG/KG	5.9	6.4	31.8	15.0	45.3	6.3
Zinc	MG/KG	8.6 J	4.1 J	1510 J	4330 J	1870	101

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB10-06	28-W-SB11-03	28-W-SB12-05	28-W-SB13-06	28-W-SB14-02	28-W-SB15-05
Laboratory Sample ID:		940250-25	940248-12	940248-16	940248-18	940248-20	940244-06
Date Sampled:		3/26/94	3/27/94	3/27/94	3/27/94	3/27/94	3/25/94
Percent Solids		91.0	85.0	84.0	60.0	84.0	80.3
	UNITS						
Aluminum	MG/KG	6710	3050 J	10000 J	13800 J	3480 J	9280 J
Antimony	MG/KG	43.0 J	9.8 J	44.0 J	6.2 UJ	7.9 J	19.1 J
Arsenic	MG/KG	2.8 J	3.3	18.7	14.1	3.2	8.9
Barium	MG/KG	84.1	40.2	226	200	21.5	110
Beryllium	MG/KG	0.11 U	0.11 U	0.10 U	1.1	0.12 U	0.12 U
Cadmium	MG/KG	2.0	2.3	10.5	1.6	1.3	7.9
Calcium	MG/KG	7660 J	63200 J	16100 J	18900 J	892 J	55800 J
Chromium	MG/KG	14.5	34.7 J	79.7 J	12.4 J	10.8 J	51.9 J
Cobalt	MG/KG	0.43 U	2.8	10.0	6.0	0.46 U	4.1
Copper	MG/KG	919	33.8 J	531 J	47.8 J	35.1 J	204 J
Iron	MG/KG	7310	35500 J	154000 J	10000 J	16100 J	92600 J
Lead	MG/KG	2060 J	146 J	1670 J	25.1 J	234 J	1300 J
Magnesium	MG/KG	632 J	3660 J	1220 J	1040 J	151 J	812 J
Manganese	MG/KG	70.5	325 J	2100 J	53.2 J	78.8 J	674 J
Mercury	MG/KG	0.22	0.03 U	1.0	0.27	0.03 U	1.0
Nickel	MG/KG	2.5	38.5 J	60.3 J	17.2 J	5.8 J	24.2 J
Potassium	MG/KG	597 J	216 J	450 J	4200 J	235 J	269 J
Selenium	MG/KG	4.3 U	0.44 UJ	0.40 UJ	6.0 J	0.46 UJ	0.47 UJ
Silver	MG/KG	0.6 UJ	0.8 U	18.4 J	0.9 UJ	2.0 J	5.0 J
Sodium	MG/KG	405	53 U	316	1220	27.1 U	399
Thallium	MG/KG	0.43 U	0.44 U	0.40 U	0.7 U	0.46 U	0.47 U
Vanadium	MG/KG	11.4	16.7	35.4	90.7	10.7	24.0
Zinc	MG/KG	1040	343 J	2600 J	39.5 J	133 J	1070 J

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-W-SB16-04	28-W-SB17-05	28-W-SB18-01	28-W-SB19-03	28-W-SB20-01	28-E-SB21-02
Laboratory Sample ID:		940248-22	940240-03	940248-24	940240-04	940240-05	940244-01
Date Sampled:		3/27/94	3/26/94	3/27/94	3/26/94	3/26/94	3/25/94
Percent Solids		83.0	87.2	76.3	81.7	82.9	87.0
	UNITS						
Aluminum	MG/KG	1720 J	12400	20700 J	2710	12000	6360 J
Antimony	MG/KG		19.7 J	30.2 J			3.7 UJ
Arsenic	MG/KG	0.69	9.9	11.3	1.5	5.4	1.9
Barium	MG/KG	9.6	120	269	23.6	147	11.9
Beryllium	MG/KG	0.11 U	0.12 U	0.10 U	0.10 U	0.12 U	0.11 U
Cadmium	MG/KG	0.34 U	9.6	15.6	1.8	9.3	0.33 U
Calcium	MG/KG	1560 J	6370 J	17900 J	32000 J	13400 J	1050 J
Chromium	MG/KG	7.8	34.5	128	10.2	38.0	11.8 J
Cobalt	MG/KG	0.45 U	6.6	7.8	1.2	4.9	0.44 U
Copper	MG/KG	6.2	464	469	43.5	373	2.3 J
Iron	MG/KG	2540 J	54500	92300 J	14400	51900	6680 J
Lead	MG/KG	18.9	1150 J	1670	697 J	572 J	6.8 J
Magnesium	MG/KG	92.2	828 J	1310	523 J	1440 J	343 J
Manganese	MG/KG	17.5	356	1720	165	940	5.5 J
Mercury	MG/KG	0.03 U	0.03 U	1.2	0.15	0.28	0.03 U
Nickel	MG/KG	0.8 U	24.3	39.7	3.3 U	24.9	0.8 UJ
Potassium	MG/KG	169 J	867 J	655 J	189 J	817 J	305 J
Selenium	MG/KG	0.45 U	0.46 U	0.38 U	0.38 U	0.46 U	0.44 UJ
Silver	MG/KG	0.6 U	5.5 J	15.7 J	1.1 J	6.5 J	0.6 UJ
Sodium	MG/KG	18.8 U	363	425	29.7 U	461	27.4 U
Thallium	MG/KG	0.45 U	1.0	0.38 U	0.38 U	0.46 U	0.44 U
Vanadium	MG/KG	5.7	23.0	33.8	8.8	22.1	14.3
Zinc	MG/KG	46.8	737	2420	197	1630	7.4 J

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-E-SB22-02	28-E-SB23-03	28-E-SB24-03	28-E-SB25-03	28-E-SB26-03	28-E-SB27-04
Laboratory Sample ID:		940246-20	940244-07	940244-15	940240-01	940250-12	940246-22
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/26/94	3/28/94
Percent Solids		86.0	87.0	80.9	86.0	70.4	86.0
	UNITS						
Aluminum	MG/KG	4460	3840 J	12200 J	7080	11800	2510 J
Antimony	MG/KG	4.9 UJ	3.8 UJ	3.8 UJ		4.8 UJ	3.3 UJ
Arsenic	MG/KG	1.9	2.6	6.2	0.69	2.0 J	2.9
Barium	MG/KG	12.7	8.4	19.9	16.7	23.8	7.2
Beryllium	MG/KG	0.15 U	0.11 U	0.11 U	0.11 U	0.28	0.10 U
Cadmium	MG/KG	0.43 U	0.34 U	0.34 U	0.31 U	0.99	0.30 U
Calcium	MG/KG	21100	453 J	515 J	711 J	2570	1110 J
Chromium	MG/KG	10.2	9.0 J	30.6 J	8.4	30.4	9.0 J
Cobalt	MG/KG	0.6 U	1.2	0.45 U	0.98	0.6 U	0.39 U
Copper	MG/KG	3.5	2.5 J	3.8 J	3.8	4.3	4.9 J
Iron	MG/KG	5230	5770 J	15500 J	2100	11700	3990 J
Lead	MG/KG	13.4	6.1 J	7.6 J	10.2 J	10.2	14.3 J
Magnesium	MG/KG	637	152 J	503 J	250 J	1160	287 J
Manganese	MG/KG	10.0 J	5.4 J	6.3 J	10.4	11.7 J	6.7 J
Mercury	MG/KG	0.04 U	0.03 U	0.03 U	0.03 U	0.04 U	0.03 U
Nickel	MG/KG	1.0 U	0.8 UJ	0.8 UJ	0.8 U	1.0 U	1.9 UJ
Potassium	MG/KG	261 J	228 J	434 J	214 J	1030 J	419 J
Selenium	MG/KG	0.6 U	0.45 UJ	0.45 UJ	0.42 U	0.6 U	0.39 UJ
Silver	MG/KG	0.7 UJ	0.6 UJ	0.6 UJ	0.5 UJ	0.7 UJ	0.49 UJ
Sodium	MG/KG	553	21.0 U	31.9 U	13.3 U	28.1 U	202
Thallium	MG/KG	0.6 U	0.45 U	0.45 U	0.42 U	0.6 U	0.39 U
Vanadium	MG/KG	12.2	9.9	36.1	8.3	30.9	9.8
Zinc	MG/KG	6.4 J	5.6 J	5.7 J	9.1	8.3 J	31.8 J

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-E-SB28-04	28-E-SB29-02	28-E-SB30-03	28-E-SB30-05	28-E-SB31-02	28-E-SB32-03
Laboratory Sample ID:		940240-02	940246-25	940246-27	940246-28	940244-02	940250-14
Date Sampled:		3/26/94	3/26/94	3/26/94	3/26/94	3/25/94	3/26/94
Percent Solids		72.0	90.0	89.0	87.0	87.0	78.5
	UNITS						
Aluminum	MG/KG	14200	6140 J	1480 J	2490 J	7650 J	1950
Antimony	MG/KG		3.6 UJ	2.8 UJ	4.1 UJ	3.1 UJ	4 UJ
Arsenic	MG/KG	5.8	1.5	1.1	3.0	1.5	0.355 UJ
Barium	MG/KG	17.5	29.0	3.0	5.5	12.3	5.3
Beryllium	MG/KG	0.25	0.11 U	0.09 U	0.12 U	0.09 U	0.12 U
Cadmium	MG/KG	0.34 U	0.31 U	0.25 U	0.37 U	0.27 U	0.355 U
Calcium	MG/KG	132 J	486 J	86.5 J	103 J	1280 J	15.85 U
Chromium	MG/KG	38.2	6.4 J	4.4 J	11.4 J	15.9 J	2.1
Cobalt	MG/KG	1.4	0.42 U	0.33 U	0.49 U	0.36 U	0.47 U
Copper	MG/KG	4.7		1.0 J	2.4 J	2.6 J	0.7 U
Iron	MG/KG	18100	3370 J	1540 J	5560 J	8190 J	873
Lead	MG/KG	10.9 J	4.8 J	1.9 J	6.3 J	8.8 J	2.6
Magnesium	MG/KG	819 J	214 J	53.4 J	182 J	400 J	64.6
Manganese	MG/KG	5.5 J	6.8 J	1.8 J	2.0 J	6.6 J	2.7 J
Mercury	MG/KG	0.03 U	0.02 U	0.03 U	0.03 U	0.03 U	0.025 U
Nickel	MG/KG	1.6 U	2.5 UJ	1.6 UJ	2.0 UJ	0.7 UJ	3.1
Potassium	MG/KG	750 J	159 J	67.9 J	225 J	309 J	419 J
Selenium	MG/KG	0.45 U	0.42 UJ	0.33 UJ	0.49 UJ	0.36 UJ	0.47 U
Silver	MG/KG	1.2 J	0.5 UJ	0.42 UJ	1.8 J	0.46 UJ	0.6 UJ
Sodium	MG/KG	24.9 U	16.4 U	14.1 U	18.6 U	23.8 U	12.4 U
Thallium	MG/KG	0.45 U	0.42 U	0.33 U	0.49 U	0.36 U	0.47 U
Vanadium	MG/KG	43.6	9.8	6.4	10.6	16.6	4.2
Zinc	MG/KG	7.3	1.5 UJ	0.7 UJ	0.8 UJ	8.8	1.1 J

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-E-SB32-06	28-E-SB33-03	28-E-SB33-06	28-E-SB34-03	28-E-SB34-06	28-E-SB35-05
Laboratory Sample ID:		940250-15	940244-03	940244-04	940246-30	940246-31	940246-33
Date Sampled:		3/26/94	3/25/94	3/25/94	3/28/94	3/28/94	3/27/94
Percent Solids		74.3	89.6	84.1	90.2	76.1	83.2
	UNITS						
Aluminum	MG/KG	7950	2220 J	6330 J	3370 J	2830 J	5810 J
Antimony	MG/KG	4.2 UJ	3.0 UJ	3.9 UJ	3.2 UJ	4.0 UJ	3.4 UJ
Arsenic	MG/KG	1.9 UJ	0.26 U	2.4	0.28 U	2.4	5.2
Barium	MG/KG	10.3	5.3	9.7	4.2	7.6	12.4
Beryllium	MG/KG	0.13 U	0.09 U	0.12 U	0.10 U	0.12 U	0.10 U
Cadmium	MG/KG	1.10	0.26 U	0.34 U	0.28 U	0.35 U	0.30 U
Calcium	MG/KG	14 U	199 J	301 J	14.2 UJ	10.6 UJ	107 J
Chromium	MG/KG	13.9	2.7 J	17.0	4.6 J	8.8 J	21.2 J
Cobalt	MG/KG	0.50 U	0.35 U	0.46 U	0.38 U	0.47 U	0.40 U
Copper	MG/KG	2.2		1.8 J		1.6 J	1.8 J
Iron	MG/KG	7930	949 J	10900 J	456 J	2290 J	8550 J
Lead	MG/KG	7.1	2.7 J	5.4 J	2.1 J	4.6 J	5.7 J
Magnesium	MG/KG	414	60.8 J	435 J	96.0 J	234 J	382 J
Manganese	MG/KG	4.3 J	1.5 J	4.0 J	2.1 J	2.2 J	4.4 J
Mercury	MG/KG	0.03 U	0.03 U	0.03 U	0.03 U	0.04 U	0.05
Nickel	MG/KG	3.5	0.6 UJ	0.8 UJ	0.8 UJ	0.8 UJ	0.7 UJ
Potassium	MG/KG	708 J	95.2 J	431 J	137 J	229 J	327 J
Selenium	MG/KG	0.50 U	0.35 UJ	0.46 UJ	0.38 UJ	0.47 UJ	0.40 UJ
Silver	MG/KG	0.60 UJ	0.44 UJ	0.6 UJ	0.47 UJ	0.6 UJ	0.5 UJ
Sodium	MG/KG	25.1 U	9.0 U	24.6 U	14.1 U	21.6 U	66 U
Thallium	MG/KG	0.50 U	0.35 U	0.46 U	0.38 U	0.47 U	0.40 U
Vanadium	MG/KG	18.4	3.2	19.9	4.0	8.4	22.9
Zinc	MG/KG	3.6 J	1.3 J	3.8 J	0.50 UJ	1.4 UJ	1.9 UJ

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-E-SB36-04	28-GW01-01	28-GW01DW-01	28-GW05-04	28-GW06-04	28-GW06-08
Laboratory Sample ID:		940244-08	940320-14	940320-21	940281-06	940289-02	940289-03
Date Sampled:		3/26/94	4/20/94	4/21/94	4/7/94	4/7/94	4/7/94
Percent Solids		82.0	86.0	91.0	79.0	74.0	77.0
	UNITS						
Aluminum	MG/KG	2710 J	4610	2720	6900	7660	4330
Antimony	MG/KG	4.5 UJ	3.8 UJ	3.5 UJ	4.0 UJ	7.8	4.5 U
Arsenic	MG/KG	0.91	3.3	2.4	5.8	1.3	1.8
Barium	MG/KG	9.6	60.8	52.4	9.3	8.1	9.4
Beryllium	MG/KG	0.13 U	0.24	0.10 U	0.12 U	0.10 U	0.14 U
Cadmium	MG/KG	0.40 U	1.1	1.2	0.35 U	0.31 U	0.40 U
Calcium	MG/KG	1490 J	78700 J	155000 J	79.1	396	58.8
Chromium	MG/KG	4.9 J	12.0	9.6	19.6	14.3	12.9
Cobalt	MG/KG	0.6 U	1.6	0.41 U	0.47 U	0.41 U	0.6 U
Copper	MG/KG	7.7 J	40.9	14.3	3.1	0.6 U	1.7
Iron	MG/KG	1750 J	10900	9370	8840	3320	1290
Lead	MG/KG	23.4 J	162	92.1	6.1 J	5.5	9.8
Magnesium	MG/KG	99.7 J	1960	1340	403	268	395
Manganese	MG/KG	10.8 J	188	88.3	4.9	3.0 J	6.0
Mercury	MG/KG	0.03 U	2.8	0.03 U	0.03 U	0.05 U	0.04 U
Nickel	MG/KG	1.9 J	10.9	6.4	1.8 U	0.7 UJ	1.0 UJ
Potassium	MG/KG	674 J	492 J	139 J	399	312 J	540 J
Selenium	MG/KG	0.6 UJ	0.44 UJ	0.41 UJ	0.47 U	0.41 U	0.6 U
Silver	MG/KG	0.7 UJ	0.6 UJ	0.5 UJ	0.6 UJ	0.5 UJ	0.7 UJ
Sodium	MG/KG	21.2 U	146	47.4 U	28.8	11.3 U	14.5 U
Thallium	MG/KG	0.6 U	0.44 U	0.41 U	0.47 U	0.41 UJ	0.6 UJ
Vanadium	MG/KG	6.1	40.6	4.5	21.7	9.5	18.1
Zinc	MG/KG	55.0 J	233	72.7	3.9	1.4 U	2.0 U

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-GW07-01	28-GW07DW-01	28-GW08-05
Laboratory Sample ID:		940289-05	940320-12	940289-25
Date Sampled:		4/8/94	4/18/94	4/9/94
Percent Solids		76.0	82.0	74.0
	UNITS			
Aluminum	MG/KG	3510	2320	9830
Antimony	MG/KG	11.7	4.0 UJ	17.5
Arsenic	MG/KG	1.8	1.3	3.6
Barium	MG/KG	29.9	13.5	32.1
Beryllium	MG/KG	0.09 U	0.12 U	0.18 U
Cadmium	MG/KG	2.0	0.35 U	3.4
Calcium	MG/KG	8600	1750 J	2360
Chromium	MG/KG	35.3	5.8	18.6
Cobalt	MG/KG	3.2	0.47 U	0.7 U
Copper	MG/KG	39.6	12.5	31.3
Iron	MG/KG	9880	4140	13200
Lead	MG/KG	105	27.2	122
Magnesium	MG/KG	8190	107	631
Manganese	MG/KG	131	156	69.8
Mercury	MG/KG	0.12 U	0.03 U	0.05 U
Nickel	MG/KG	48.6	0.8 U	14.5 J
Potassium	MG/KG	159 J	131 J	950 J
Selenium	MG/KG	0.35 U	0.47 UJ	0.7 U
Silver	MG/KG	0.44 UJ	0.6 UJ	0.9 UJ
Sodium	MG/KG	23.6 U	24.1 U	175
Thallium	MG/KG	0.35 UJ	0.47 U	0.7 U
Vanadium	MG/KG	8.8	4.2	20.5
Zinc	MG/KG	271	75.4	160

SITE 28
HADNOT POINT BURN DUMP
SUBSURFACE SOILS - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Percent Solids						
	UNITS					
Aluminum	MG/KG	20700 J	5950.8	4295.4	6963.7	7798.1
Antimony	MG/KG	46.7 J	9.7	11.3	12.5	11.8
Arsenic	MG/KG	25.1	4.3	5.6	5.6	7.9
Barium	MG/KG	269	47.5	67.7	63.5	78.4
Beryllium	MG/KG	1.1	0.14	0.14	0.17	0.14
Cadmium	MG/KG	15.6	2.2	3.7	3.1	3.2
Calcium	MG/KG	155000 J	16059.3	30814.9	23325.7	401391.2
Chromium	MG/KG	128	22.1	26.3	28.3	34.1
Cobalt	MG/KG	15.4	2.1	3.3	2.8	2.7
Copper	MG/KG	3280 J	176.4	522.0	307.4	886.2
Iron	MG/KG	154000 J	21080.9	36215.1	29620.7	40079.2
Lead	MG/KG	2060 J	287.6	564.1	420.6	1724.6
Magnesium	MG/KG	8190	758.5	1246.2	1052.4	1242.0
Manganese	MG/KG	3340 J	271.1	639.2	421.8	1185.5
Mercury	MG/KG	2.8	0.19	0.46	0.30	0.23
Nickel	MG/KG	102 J	11.7	20.5	16.5	23.2
Potassium	MG/KG	4200 J	450.6	592.3	590.3	590.5
Selenium	MG/KG	6 J	0.63	0.95	0.85	0.63
Silver	MG/KG	18.4 J	2.1	3.8	3.0	2.5
Sodium	MG/KG	1220	129.4	217.1	180.6	205.4
Thallium	MG/KG	1	0.45	0.11	0.48	0.48
Vanadium	MG/KG	90.7	16.9	15.7	20.6	24.5
Zinc	MG/KG	4330 J	389.0	851.0	589.7	6828.0

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01DW-01	28-GW01-01	28-GW02-01	28-GW03-01	28-GW04-01	28-GW05-01
Laboratory Sample ID:		940389-04	940341-28	940320-22	940320-24	940320-26	940334-34
Date Sampled:		5/7/94	4/25/94	4/20/94	4/21/94	4/20/94	4/23/94
VOLATILES							
Chloromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene(total)	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethylvinylether	UG/L		1 U	1 U	1 U	1 U	1 U
Bromoform	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01DW-01	28-GW01-01	28-GW02-01	28-GW03-01	28-GW04-01	28-GW05-01
Laboratory Sample ID:		940389-04	940341-28	940320-22	940320-24	940320-26	940334-34
Date Sampled:		5/7/94	4/25/94	4/20/94	4/21/94	4/20/94	4/23/94
SEMIVOLATILES							
Phenol	UG/L	5 U		5 U	5 U	5 U	5 U
bis(2-Chloroethyl) ether	UG/L	5 U		5 U	5 U	5 U	5 U
2-Chlorophenol	UG/L	5 U		5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	UG/L	5 U		5 U	5 U	5 U	5 U
2,2'-oxybis-(1-chloropropane)	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	UG/L	5 U		5 U	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	UG/L	5 U		5 U	5 U	5 U	5 U
Hexachloroethane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Nitrobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Isophorone	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	UG/L	5 U		5 U	5 U	5 U	5 U
2,4-Dimethylphenol	UG/L	5 U		5 U	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	UG/L	5 U		5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Chloroaniline	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Chloro-3-methylphenol	UG/L	5 U		5 U	5 U	5 U	5 U
2-Methylnaphthalene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	UG/L	5 U		5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	UG/L	13 U		13 U	13 U	13 U	13 U
2-Chloronaphthalene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
Dimethyl phthalate	UG/L	5 U	1 J	5 U	5 U	5 U	5 U
Acenaphthylene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
Acenaphthene	UG/L	5 U	5 U	1 J	5 U	5 U	5 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01DW-01	28-GW01-01	28-GW02-01	28-GW03-01	28-GW04-01	28-GW05-01
Laboratory Sample ID:		940389-04	940341-28	940320-22	940320-24	940320-26	940334-34
Date Sampled:		5/7/94	4/25/94	4/20/94	4/21/94	4/20/94	4/23/94
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	13 U		13 U	13 U	13 U	13 U
4-Nitrophenol	UG/L	13 U		13 U	13 U	13 U	13 UJ
Dibenzofuran	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	UG/L	5 U	5 U	5 U	5 U	5 U	5 UJ
4-Chlorophenyl phenyl ether	UG/L	5 U		5 U	5 U	5 U	5 U
Fluorene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
4,6-Dinitro-2-methylphenol	UG/L	13 U		13 U	13 U	13 U	13 U
N-nitrosodiphenylamine	UG/L	5 U		5 U	5 U	5 U	5 U
4-Bromophenyl-phenylether	UG/L	5 U		5 U	5 U	5 U	5 U
Hexachlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Pentachlorophenol	UG/L	13 U		13 U	13 U	13 U	13 U
Phenanthrene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Anthracene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Carbazole	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
di-n-Butylphthalate	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Fluoranthene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Pyrene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Butyl benzyl phthalate	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	UG/L	5 U	5 U	5 U	5 U	5 U	5 UJ
Benzo[a]anthracene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Chrysene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	UG/L	5 U	5 U	5 U	5 U	5 U	1 J
di-n-Octylphthalate	UG/L	5 U	5 UJ	5 U	5 U	5 U	5 U
Benzo[b]fluoranthene	UG/L	5 U	5 UJ	5 U	5 U	5 U	5 U
Benzo[k]fluoranthene	UG/L	5 U	5 UJ	5 U	5 U	5 U	5 U
Benzo[a]pyrene	UG/L	5 U	5 UJ	5 U	5 U	5 U	5 U
Indeno[1,2,3-cd]pyrene	UG/L	5 U	5 UJ	5 U	5 U	5 U	5 U
Dibenz[a,h]anthracene	UG/L	5 U	5 UJ	5 U	5 U	5 U	5 U
Benzo[g,h,i]perylene	UG/L	5 U	5 UJ	5 U	5 U	5 U	5 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW01DW-01	28-GW01-01	28-GW02-01	28-GW03-01	28-GW04-01	28-GW05-01
Laboratory Sample ID:		940389-04	940341-28	940320-22	940320-24	940320-26	940334-34
Date Sampled:		5/7/94	4/25/94	4/20/94	4/21/94	4/20/94	4/23/94
PESTICIDES/PCBs							
alpha-BHC	UG/L	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
beta-BHC	UG/L	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
delta-BHC	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Lindane (gamma-BHC)	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Heptachlor	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Aldrin	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Heptachlor epoxide	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Endosulfan I	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Dieldrin	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
4,4'-DDE	UG/L	0.05 UJ	0.06 J	0.14 J	0.05 UJ	0.05 UJ	0.05 UJ
Endrin	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Endosulfan II	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
4,4'-DDD	UG/L	0.05 UJ	0.06 J	0.22 J	0.05 UJ	0.05 UJ	0.05 UJ
Endosulfan sulfate	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
4,4'-DDT	UG/L	0.05 UJ	0.05 J	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Methoxychlor	UG/L	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ
Endrin ketone	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Endrin aldehyde	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
alpha-Chlordane	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
gamma-Chlordane	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Toxaphene	UG/L	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ
Aroclor 1016	UG/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Aroclor 1221	UG/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor 1232	UG/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Aroclor 1242	UG/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Aroclor 1248	UG/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Aroclor 1254	UG/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Aroclor 1260	UG/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-01	28-GW07-01	28-GW07DW-01	28-GW08-01	28-GW09DW-01	28-MW13-01
Laboratory Sample ID:		940334-01	940334-03	940389-15	940334-07	940341-30	940320-28
Date Sampled:		4/21/94	4/21/94	5/8/94	4/21/94	4/25/94	4/21/94
VOLATILES							
Chloromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene(total)	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethylvinylether	UG/L	1 U	1 U		1 U	1 U	1 U
Bromoform	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	UG/L	1 U	3	1 U	1 U	1 U	1 U
Chlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	UG/L	1 U	1 U	1 U	1 U	1 U	1 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-01	28-GW07-01	28-GW07DW-01	28-GW08-01	28-GW09DW-01	28-MW13-01
Laboratory Sample ID:		940334-01	940334-03	940389-15	940334-07	940341-30	940320-28
Date Sampled:		4/21/94	4/21/94	5/8/94	4/21/94	4/25/94	4/21/94
SEMIVOLATILES							
Phenol	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethyl) ether	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorophenol	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	UG/L	5 U	1 J	5 U	5 U	5 U	5 U
2,2'-oxybis-(1-chloropropane)	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	UG/L	5 U	29	5 U	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Nitrobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Isophorone	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	UG/L	5 U	2 J	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Chloroaniline	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Chloro-3-methylphenol	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
2-Chloronaphthalene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
Dimethyl phthalate	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthylene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
Acenaphthene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-01	28-GW07-01	28-GW07DW-01	28-GW08-01	28-GW09DW-01	28-MW13-01
Laboratory Sample ID:		940334-01	940334-03	940389-15	940334-07	940341-30	940320-28
Date Sampled:		4/21/94	4/21/94	5/8/94	4/21/94	4/25/94	4/21/94
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
4-Nitrophenol	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
Dibenzofuran	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorophenyl phenyl ether	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Fluorene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
4,6-Dinitro-2-methylphenol	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
N-nitrosodiphenylamine	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Bromophenyl-phenylether	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Pentachlorophenol	UG/L	13 U	13 U	13 U	13 U	13 U	13 U
Phenanthrene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Anthracene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Carbazole	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
di-n-Butylphthalate	UG/L	1 J	5 U	5 U	5 U	5 U	5 U
Fluoranthene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Pyrene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Butyl benzyl phthalate	UG/L	5 U	5 U	5 UJ	5 U	5 U	5 U
3,3'-Dichlorobenzidine	UG/L	5 U	5 UJ	5 U	5 U	5 U	5 U
Benzo[a]anthracene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Chrysene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	UG/L	5 U	17	5 UJ	5 U	5 U	1 J
di-n-Octylphthalate	UG/L	5 U	5 U	5 UJ	5 U	5 U	5 U
Benzo[b]fluoranthene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Benzo[k]fluoranthene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Benzo[a]pyrene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Indeno[1,2,3-cd]pyrene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Dibenz[a,h]anthracene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Benzo[g,h,i]perylene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-GW06-01	28-GW07-01	28-GW07DW-01	28-GW08-01	28-GW09DW-01	28-MW13-01
Laboratory Sample ID:		940334-01	940334-03	940389-15	940334-07	940341-30	940320-28
Date Sampled:		4/21/94	4/21/94	5/8/94	4/21/94	4/25/94	4/21/94
PESTICIDES/PCBs							
alpha-BHC	UG/L	0.03 UJ	0.25 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
beta-BHC	UG/L	0.03 UJ	0.25 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
delta-BHC	UG/L	0.03 UJ	0.25 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Lindane (gamma-BHC)	UG/L	0.03 UJ	0.25 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Heptachlor	UG/L	0.03 UJ	0.25 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Aldrin	UG/L	0.03 UJ	0.25 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Heptachlor epoxide	UG/L	0.03 UJ	0.25 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Endosulfan I	UG/L	0.03 UJ	0.25 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Dieldrin	UG/L	0.05 UJ	0.5 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
4,4'-DDE	UG/L	0.05 UJ	0.67 J	0.05 UJ	0.23 J	0.05 UJ	0.05 UJ
Endrin	UG/L	0.05 UJ	0.5 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Endosulfan II	UG/L	0.05 UJ	0.5 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
4,4'-DDD	UG/L	0.05 UJ	9.0	0.05 UJ	0.10 J	0.05 UJ	0.34 J
Endosulfan sulfate	UG/L	0.05 UJ	0.5 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
4,4'-DDT	UG/L	0.05 UJ	0.5 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Methoxychlor	UG/L	0.25 UJ	2.5 U	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ
Endrin ketone	UG/L	0.05 UJ	0.5 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Endrin aldehyde	UG/L	0.05 UJ	0.5 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
alpha-Chlordane	UG/L	0.03 UJ	0.25 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
gamma-Chlordane	UG/L	0.03 UJ	0.25 U	0.03 UJ	0.049 J	0.03 UJ	0.03 UJ
Toxaphene	UG/L	2.5 UJ	25 U	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ
Aroclor 1016	UG/L	0.5 UJ	5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Aroclor 1221	UG/L	1.0 UJ	10 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor 1232	UG/L	0.5 UJ	5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Aroclor 1242	UG/L	0.5 UJ	5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Aroclor 1248	UG/L	0.5 UJ	5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Aroclor 1254	UG/L	0.5 UJ	5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Aroclor 1260	UG/L	0.5 UJ	5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-TGWPA01
Laboratory Sample ID:		940320-18
Date Sampled:		4/20/94
VOLATILES		
Chloromethane	UG/L	1 U
Bromomethane	UG/L	1 U
Vinyl chloride	UG/L	1 U
Chloroethane	UG/L	1 U
Methylene chloride	UG/L	1 U
1,1-Dichloroethene	UG/L	1 U
1,1-Dichloroethane	UG/L	1 U
1,2-Dichloroethene(total)	UG/L	1 U
Chloroform	UG/L	2
1,2-Dichloroethane	UG/L	1 U
1,1,1-Trichloroethane	UG/L	1 U
Carbon tetrachloride	UG/L	1 U
Bromodichloromethane	UG/L	1 U
1,2-Dichloropropane	UG/L	1 U
cis-1,3-Dichloropropene	UG/L	1 U
Trichloroethene	UG/L	1 U
Dibromochloromethane	UG/L	1 U
1,1,2-Trichloroethane	UG/L	1 U
Benzene	UG/L	1 U
trans-1,3-Dichloropropene	UG/L	1 U
2-Chloroethylvinylether	UG/L	1 U
Bromoform	UG/L	1 U
Tetrachloroethene	UG/L	1 U
1,1,2,2-Tetrachloroethane	UG/L	1 U
Toluene	UG/L	2
Chlorobenzene	UG/L	1 U
Ethylbenzene	UG/L	5
Xylene (total)	UG/L	19
1,3-Dichlorobenzene	UG/L	1 U
1,4-Dichlorobenzene	UG/L	1 U
1,2-Dichlorobenzene	UG/L	1 U
Trichlorofluoromethane	UG/L	1 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-TGWPA01
Laboratory Sample ID:	940320-18
Date Sampled:	4/20/94

SEMIVOLATILES		
Phenol	UG/L	5 U
bis(2-Chloroethyl) ether	UG/L	5 U
2-Chlorophenol	UG/L	5 U
1,3-Dichlorobenzene	UG/L	5 U
1,4-Dichlorobenzene	UG/L	5 U
1,2-Dichlorobenzene	UG/L	5 U
2-Methylphenol	UG/L	5 U
2,2'-oxybis-(1-chloropropane)	UG/L	5 U
4-Methylphenol	UG/L	5 U
N-Nitroso-di-n-propylamine	UG/L	5 U
Hexachloroethane	UG/L	5 U
Nitrobenzene	UG/L	5 U
Isophorone	UG/L	5 U
2-Nitrophenol	UG/L	5 U
2,4-Dimethylphenol	UG/L	4 J
bis(2-Chloroethoxy) methane	UG/L	5 U
2,4-Dichlorophenol	UG/L	2 J
1,2,4-Trichlorobenzene	UG/L	5 U
Naphthalene	UG/L	99
4-Chloroaniline	UG/L	5 U
Hexachlorobutadiene	UG/L	5 U
4-Chloro-3-methylphenol	UG/L	5 U
2-Methylnaphthalene	UG/L	33
Hexachlorocyclopentadiene	UG/L	5 U
2,4,6-Trichlorophenol	UG/L	5 U
2,4,5-Trichlorophenol	UG/L	13 U
2-Chloronaphthalene	UG/L	5 U
2-Nitroaniline	UG/L	13 U
Dimethyl phthalate	UG/L	5 U
Acenaphthylene	UG/L	5 U
2,6-Dinitrotoluene	UG/L	5 U
3-Nitroaniline	UG/L	13 U
Acenaphthene	UG/L	31

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-TGWPA01
Laboratory Sample ID:		940320-18
Date Sampled:		4/20/94
SEMIVOLATILES Cont.		
2,4-Dinitrophenol	UG/L	13 U
4-Nitrophenol	UG/L	13 U
Dibenzofuran	UG/L	12
2,4-Dinitrotoluene	UG/L	5 U
Diethylphthalate	UG/L	5 U
4-Chlorophenyl phenyl ether	UG/L	5 U
Fluorene	UG/L	18
4-Nitroaniline	UG/L	13 U
4,6-Dinitro-2-methylphenol	UG/L	13 U
N-nitrosodiphenylamine	UG/L	5 U
4-Bromophenyl-phenylether	UG/L	5 U
Hexachlorobenzene	UG/L	5 U
Pentachlorophenol	UG/L	13 U
Phenanthrene	UG/L	14
Anthracene	UG/L	3 J
Carbazole	UG/L	11
di-n-Butylphthalate	UG/L	5 U
Fluoranthene	UG/L	2 J
Pyrene	UG/L	1 J
Butyl benzyl phthalate	UG/L	5 U
3,3'-Dichlorobenzidine	UG/L	5 U
Benzo[a]anthracene	UG/L	5 U
Chrysene	UG/L	5 U
bis(2-Ethylhexyl)phthalate	UG/L	1 J
di-n-Octylphthalate	UG/L	5 U
Benzo[b]fluoranthene	UG/L	5 U
Benzo[k]fluoranthene	UG/L	5 U
Benzo[a]pyrene	UG/L	5 U
Indeno[1,2,3-cd]pyrene	UG/L	5 U
Dibenz[a,h]anthracene	UG/L	5 U
Benzo[g,h,i]perylene	UG/L	5 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-TGWPA01
Laboratory Sample ID:	940320-18
Date Sampled:	4/20/94

PESTICIDES/PCBs		
alpha-BHC	UG/L	0.03 UJ
beta-BHC	UG/L	0.03 UJ
delta-BHC	UG/L	0.03 UJ
Lindane (gamma-BHC)	UG/L	0.03 UJ
Heptachlor	UG/L	0.03 UJ
Aldrin	UG/L	0.03 UJ
Heptachlor epoxide	UG/L	0.03 UJ
Endosulfan I	UG/L	0.06 UJ
Dieldrin	UG/L	0.05 UJ
4,4'-DDE	UG/L	6.6 J
Endrin	UG/L	0.05 UJ
Endosulfan II	UG/L	0.05 UJ
4,4'-DDD	UG/L	4.6 J
Endosulfan sulfate	UG/L	0.05 UJ
4,4'-DDT	UG/L	0.37 J
Methoxychlor	UG/L	0.25 UJ
Endrin ketone	UG/L	0.05 UJ
Endrin aldehyde	UG/L	0.05 UJ
alpha-Chlordane	UG/L	0.03 UJ
gamma-Chlordane	UG/L	0.03 UJ
Toxaphene	UG/L	2.5 UJ
Aroclor 1016	UG/L	0.5 UJ
Aroclor 1221	UG/L	1.0 UJ
Aroclor 1232	UG/L	0.5 UJ
Aroclor 1242	UG/L	0.5 UJ
Aroclor 1248	UG/L	0.5 UJ
Aroclor 1254	UG/L	0.5 UJ
Aroclor 1260	UG/L	0.5 UJ

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/L	ND	NA	NA	NA	NA
Bromomethane	UG/L	ND	NA	NA	NA	NA
Vinyl chloride	UG/L	ND	NA	NA	NA	NA
Chloroethane	UG/L	ND	NA	NA	NA	NA
Methylene chloride	UG/L	ND	NA	NA	NA	NA
1,1-Dichloroethene	UG/L	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/L	ND	NA	NA	NA	NA
Chloroform	UG/L	2	1.1	0.3	1.2	1.2
1,2-Dichloroethane	UG/L	ND	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/L	ND	NA	NA	NA	NA
Carbon tetrachloride	UG/L	ND	NA	NA	NA	NA
Bromodichloromethane	UG/L	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/L	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/L	ND	NA	NA	NA	NA
Trichloroethene	UG/L	ND	NA	NA	NA	NA
Dibromochloromethane	UG/L	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/L	ND	NA	NA	NA	NA
Benzene	UG/L	ND	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/L	ND	NA	NA	NA	NA
2-Chloroethylvinylether	UG/L	2 R	NA	NA	NA	NA
Bromoform	UG/L	ND	NA	NA	NA	NA
Tetrachloroethene	UG/L	ND	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/L	ND	NA	NA	NA	NA
Toluene	UG/L	3	1.3	0.6	1.6	1.5
Chlorobenzene	UG/L	ND	NA	NA	NA	NA
Ethylbenzene	UG/L	5	1.3	1.2	1.9	1.6
Xylene (total)	UG/L	19	2.5	5.2	5.1	3.3
1,3-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
Trichlorofluoromethane	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/L	10 R	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/L	10 R	NA	NA	NA	NA
2-Chlorophenol	UG/L	10 R	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
2-Methylphenol	UG/L	10 R	4.7	1.1	5.2	6.1
2,2'-oxybis-(1-chloropropane)	UG/L	ND	NA	NA	NA	NA
4-Methylphenol	UG/L	29	7.2	7.2	10.9	9.3
N-Nitroso-di-n-propylamine	UG/L	10 R	NA	NA	NA	NA
Hexachloroethane	UG/L	ND	NA	NA	NA	NA
Nitrobenzene	UG/L	ND	NA	NA	NA	NA
Isophorone	UG/L	ND	NA	NA	NA	NA
2-Nitrophenol	UG/L	10 R	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	10 R	4.7	0.8	5.1	5.4
bis(2-Chloroethoxy) methane	UG/L	ND	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	10 R	4.7	1.0	5.2	5.9
1,2,4-Trichlorobenzene	UG/L	ND	NA	NA	NA	NA
Naphthalene	UG/L	99	12.8	27.1	26.2	16.9
4-Chloroaniline	UG/L	ND	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	ND	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	10 R	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	33	7.3	8.1	11.3	9.3
Hexachlorocyclopentadiene	UG/L	ND	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/L	10 R	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/L	25 R	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	ND	NA	NA	NA	NA
2-Nitroaniline	UG/L	ND	NA	NA	NA	NA
Dimethyl phthalate	UG/L	1.4 J	4.7	1.0	5.2	5.9
Acenaphthylene	UG/L	ND	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	ND	NA	NA	NA	NA
3-Nitroaniline	UG/L	ND	NA	NA	NA	NA
Acenaphthene	UG/L	31	6.9	7.7	10.7	10.1

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/L	25 R	NA	NA	NA	NA
4-Nitrophenol	UG/L	25 R	NA	NA	NA	NA
Dibenzofuran	UG/L	12	5.6	2.0	6.6	6.3
2,4-Dinitrotoluene	UG/L	ND	NA	NA	NA	NA
Diethylphthalate	UG/L	ND	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/L	10 R	NA	NA	NA	NA
Fluorene	UG/L	18	6.1	3.8	7.9	7.2
4-Nitroaniline	UG/L	ND	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	25 R	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/L	10 R	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	10 R	NA	NA	NA	NA
Hexachlorobenzene	UG/L	ND	NA	NA	NA	NA
Pentachlorophenol	UG/L	25 R	NA	NA	NA	NA
Phenanthrene	UG/L	14	5.8	2.6	7.0	6.6
Anthracene	UG/L	2.6 J	4.8	0.7	5.1	5.3
Carbazole	UG/L	11	5.5	1.7	6.4	6.1
di-n-Butylphthalate	UG/L	1 J	4.7	1.2	5.2	6.4
Fluoranthene	UG/L	1.7 J	4.7	1.0	5.2	5.7
Pyrene	UG/L	1 J	4.7	1.2	5.2	6.4
Butyl benzyl phthalate	UG/L	ND	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	ND	NA	NA	NA	NA
Benzo[a]anthracene	UG/L	ND	NA	NA	NA	NA
Chrysene	UG/L	ND	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	17	5.1	4.1	7.1	8.8
di-n-Octylphthalate	UG/L	ND	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/L	ND	NA	NA	NA	NA
Benzo[k]fluoranthene	UG/L	ND	NA	NA	NA	NA
Benzo[a]pyrene	UG/L	ND	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	UG/L	ND	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/L	ND	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
PESTICIDES/PCBs						
alpha-BHC	UG/L	ND	NA	NA	NA	NA
beta-BHC	UG/L	ND	NA	NA	NA	NA
delta-BHC	UG/L	ND	NA	NA	NA	NA
Lindane (gamma-BHC)	UG/L	ND	NA	NA	NA	NA
Heptachlor	UG/L	ND	NA	NA	NA	NA
Aldrin	UG/L	ND	NA	NA	NA	NA
Heptachlor epoxide	UG/L	ND	NA	NA	NA	NA
Endosulfan I	UG/L	ND	NA	NA	NA	NA
Dieldrin	UG/L	ND	NA	NA	NA	NA
4,4'-DDE	UG/L	6.6 J	0.7	1.9	1.6	1.6
Endrin	UG/L	ND	NA	NA	NA	NA
Endosulfan II	UG/L	ND	NA	NA	NA	NA
4,4'-DDD	UG/L	9	1.2	2.8	2.6	9.0
Endosulfan sulfate	UG/L	ND	NA	NA	NA	NA
4,4'-DDT	UG/L	0.37 J	0.11	0.15	0.19	0.18
Methoxychlor	UG/L	ND	NA	NA	NA	NA
Endrin ketone	UG/L	ND	NA	NA	NA	NA
Endrin aldehyde	UG/L	ND	NA	NA	NA	NA
alpha-Chlordane	UG/L	ND	NA	NA	NA	NA
gamma-Chlordane	UG/L	0.049 J	0.05	0.06	0.08	0.06
Toxaphene	UG/L	ND	NA	NA	NA	NA
Aroclor 1016	UG/L	ND	NA	NA	NA	NA
Aroclor 1221	UG/L	ND	NA	NA	NA	NA
Aroclor 1232	UG/L	ND	NA	NA	NA	NA
Aroclor 1242	UG/L	ND	NA	NA	NA	NA
Aroclor 1248	UG/L	ND	NA	NA	NA	NA
Aroclor 1254	UG/L	ND	NA	NA	NA	NA
Aroclor 1260	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-GW01-01	28-GW01DW-01	28-GW02-01	28-GW03-01	28-GW04-01	28-GW05-01
Laboratory Sample ID:		940341-28	940389-04	940320-22	940320-24	940320-26	940334-34
Date Sampled:		4/25/94	5/7/94	4/20/94	4/21/94	4/20/94	4/23/94
	UNITS						
Aluminum	UG/L	95900 J	253	16.5 U	37100	50800	100000 J
Antimony	UG/L	17.0 UJ	17.0 U	42.7	17.0 U	17.0 U	17.0 UJ
Arsenic	UG/L	15.8	5.2	10.3	15.6	13.9	13.2
Barium	UG/L	183	29.1	3.5 U	248	503	220
Beryllium	UG/L	1.9	0.5 U	0.5 U	1.1	9.6	0.5 U
Cadmium	UG/L	9.6	1.5 UJ	5.2	3.5	8.1	7.4
Calcium	UG/L	75700	96200	3.5 U	17400	178000	16100
Chromium	UG/L	172 J	3.5 UJ	3.5 UJ	90.9 J	196 J	122 J
Cobalt	UG/L	8.6	2.6 U	2.0 U	2.0 U	28.4	2.0 UJ
Copper	UG/L	35.4	3.0 U	3.0 U	7.2 U	11.5 U	20.3
Iron	UG/L	87800	417	2.5 U	35800	37400	91800 J
Lead	UG/L	114	1.5	449	27.7	21.2	95.5 J
Magnesium	UG/L	22500	13600	13.5 U	3830	8990	7790
Manganese	UG/L	186	29.6	2.7 U	61.5	207	100
Mercury	UG/L	0.21	0.07 U	1.7 J	0.07 U	0.17 J	0.37
Nickel	UG/L	3.5 UJ	10.4	3.5 U	12.9	86.5	15.8
Potassium	UG/L	16100 J	17100	88 U	3210	5470	4790 J
Selenium	UG/L	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Silver	UG/L	2.5 UJ	2.5 UJ	2.5 UJ	4.4 UJ	2.5 UJ	6.4 J
Sodium	UG/L	14000	744000	151 U	10100	15000	13200
Thallium	UG/L	2.0 U	6.9 J	2.0 UJ	2.0 UJ	2.0 UJ	2.0 U
Vanadium	UG/L	190 J	1.5 U	1.5 U	83.6	107	105
Zinc	UG/L	129	7.5 U	1.5 U	34.2	251	72.2

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-GW06-01	28-GW07-01	28-GW07DW-01	28-GW08-01	28-GW09DW-01	28-MW13-01
Laboratory Sample ID:		940334-01	940334-03	940389-15	940334-07	940341-30	940320-28
Date Sampled:		4/21/94	4/21/94	5/8/94	4/21/94	4/25/94	4/21/94
	UNITS						
Aluminum	UG/L	81500	72800	225	11600	10600 J	21600
Antimony	UG/L	74.4	5340	17.0 U	17.0 U	28.1 UJ	17.0 U
Arsenic	UG/L	34.5	76.7	1.5 U	8.9	1.5 U	10.5
Barium	UG/L	1270	1980	13.7	433	75.8	142
Beryllium	UG/L	5.6	3.5	0.5 U	0.5 U	0.5 U	0.5 U
Cadmium	UG/L	3.3	35.4	1.5 UJ	4.8	1.5 U	3.2
Calcium	UG/L	17800	200000	27600	69400	175000	245000
Chromium	UG/L	188 J	308 J	3.5 UJ	43.2 J	44.4 J	33.2 J
Cobalt	UG/L	8.2	30.4	2.0 U	2.0 U	4.1	2.0 U
Copper	UG/L	12.2	2250	3.0 U	398	95.5	7.3 U
Iron	UG/L	46400	245000	15.1 U	29900	9320	44200
Lead	UG/L	70.8	4810	0.5 U	704	18.0	15.9
Magnesium	UG/L	9180	52900	498	37400	5380	12900
Manganese	UG/L	397	3330	0.8 U	1350	116	527
Mercury	UG/L	0.16 J	2.0 J	0.07 U	0.41 J	0.07 U	0.18 J
Nickel	UG/L	18.0	165	3.5 U	45.2	3.5 UJ	10.5
Potassium	UG/L	6370	63500	2100	60900	4830 J	6360
Selenium	UG/L	2.0 UJ	5.6 J	2.0 UJ	2.0 UJ	2.0 U	2.0 UJ
Silver	UG/L	2.5 UJ	37.9 J	2.5 UJ	5.4 J	2.5 UJ	3.6 UJ
Sodium	UG/L	6770	223000	11900	183000	27200	22600
Thallium	UG/L	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 U	2.0 UJ
Vanadium	UG/L	135	120	1.5 U	13.4	32.3 J	44.3
Zinc	UG/L	110	9220	1.5 U	1450	89.5	23.1

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:	28-TGWPA01
Laboratory Sample ID:	940320-18
Date Sampled:	4/20/94

	UNITS	
Aluminum	UG/L	21300
Antimony	UG/L	139
Arsenic	UG/L	23.9
Barium	UG/L	335
Beryllium	UG/L	0.5 U
Cadmium	UG/L	8.0
Calcium	UG/L	120000
Chromium	UG/L	83.6
Cobalt	UG/L	11.3
Copper	UG/L	386
Iron	UG/L	56500
Lead	UG/L	1210
Magnesium	UG/L	3020
Manganese	UG/L	704
Mercury	UG/L	1.5
Nickel	UG/L	48.1
Potassium	UG/L	43400
Selenium	UG/L	2.0 U
Silver	UG/L	17.4
Sodium	UG/L	144000
Thallium	UG/L	2.0 U
Vanadium	UG/L	27.9
Zinc	UG/L	2490

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
	UNITS					
Aluminum	UG/L	100000 J	38745.7	37357.8	57209.3	128627056.9
Antimony	UG/L	5340	443.1	1471.8	1170.5	1112.6
Arsenic	UG/L	76.7	17.8	19.8	27.6	57.6
Barium	UG/L	1980	418.2	576.1	702.9	8895.9
Beryllium	UG/L	9.6	2.0	2.8	3.3	5.2
Cadmium	UG/L	35.4	7.2	8.9	11.6	14.0
Calcium	UG/L	245000	95246.4	81772.8	135661.6	814302436.8
Chromium	UG/L	308 J	99.4	93.5	145.6	1273.7
Cobalt	UG/L	30.4	8.1	10.0	13.0	21.5
Copper	UG/L	2250	248.6	617.6	553.9	10291.3
Iron	UG/L	245000	52658.0	65239.4	84901.8	64452354225.4
Lead	UG/L	4810	579.9	1321.5	1233.0	324194.2
Magnesium	UG/L	52900	13692.4	15535.6	21370.7	2017009.3
Manganese	UG/L	3330	539.4	920.4	994.3	107381.8
Mercury	UG/L	2 J	0.5	0.7	0.9	2.2
Nickel	UG/L	165	32.8	46.6	55.8	143.9
Potassium	UG/L	63500	18016.8	22598.5	29185.8	276756.5
Selenium	UG/L	5.6 J	2.3	1.0	2.8	2.6
Silver	UG/L	37.9 J	7.1	10.1	12.1	12.5
Sodium	UG/L	744000	108840.1	205269.2	210291.9	8155153.7
Thallium	UG/L	6.9 J	2.4	1.4	3.0	2.8
Vanadium	UG/L	190 J	66.4	61.1	96.6	1786.6
Zinc	UG/L	9220	1067.7	2559.3	2332.5	571740.5

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:		28-GW01D-01	28-GW01DWD-01	28-GW02D-01	28-GW03D-01	28-GW04D-01	28-GW05D-01
Laboratory Sample ID:		940341-29	940389-06	940320-23	940320-25	940320-27	940334-35
Date Sampled:		4/24/94	5/7/94	4/20/94	4/21/94	4/20/94	4/23/94
	UNITS						
Aluminum	UG/L	33.4 J	16.5 U	16.5 U	16.5 U	16.5 U	23.0 UJ
Antimony	UG/L	31.5 UJ	17.0 U	17.0 U	17.0 U	17.0 U	34.5 J
Arsenic	UG/L	1.5 U	4.6	3.1	1.5 U	1.5 U	1.5 U
Barium	UG/L	21.5	23.8	423	3.5 U	24.8	43.0
Beryllium	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cadmium	UG/L	1.5 U	1.5 UJ	1.5 U	1.5 U	1.5 U	1.5 U
Calcium	UG/L	67700	90400	48700	8810	73200	12200
Chromium	UG/L	3.5 UJ	3.5 UJ	3.5 UJ	3.5 UJ	3.5 UJ	3.5 UJ
Cobalt	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ
Copper	UG/L	3.0 U	3.0 U	3.2 U	3.6 U	3.0 U	3.0 U
Iron	UG/L	5760	11.7 U	33.4 U	2160	23.1 U	30200 J
Lead	UG/L	0.7 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
Magnesium	UG/L	16100	13900	23800	1160	2920	4430
Manganese	UG/L	91.7	31.0	136	20.2	53.2	39.3
Mercury	UG/L	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Nickel	UG/L	3.5 UJ	7.1	9.5	3.5 U	3.5 U	3.5 U
Potassium	UG/L	12100 J	17300	41700	453 UJ	1070	1730 J
Selenium	UG/L	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Silver	UG/L	2.5 UJ	2.5 UJ	2.8 UJ	7.8	2.5 UJ	2.5 UJ
Sodium	UG/L	14500	778000	71800	8090	12900	16900
Thallium	UG/L	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 U
Vanadium	UG/L	1.5 UJ	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Zinc	UG/L	10.3	2.4 U	1.8 U	2.7 U	2.5 U	4.4 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:		28-GW06D-01	28-GW07D-01	28-GW07DWD-01	28-GW08D-01	28-GW09DWD-01	28-MW13D-01
Laboratory Sample ID:		940334-02	940334-05	940389-16	940334-08	940341-31	940320-29
Date Sampled:		4/21/94	4/21/94	5/8/94	4/21/94	4/25/94	4/21/94
	UNITS						
Aluminum	UG/L	112	16.5 U	50.8	49.1	35.2 J	205
Antimony	UG/L	17.0 U	17.0 U	17.0 U	17.0 U	18.6 UJ	17.0 U
Arsenic	UG/L	1.5 U	4.0	1.5 U	1.5 U	1.5 U	4.4
Barium	UG/L	39.5	412	3.5 U	180	26.5	72.1
Beryllium	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cadmium	UG/L	1.5 U	1.5 U	1.5 UJ	1.5 U	1.5 U	1.5 U
Calcium	UG/L	6400	105000	7620	57300	34100	187000
Chromium	UG/L	3.5 UJ	3.5 UJ	3.5 UJ	3.5 UJ	3.5 UJ	7.5 J
Cobalt	UG/L	4.5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Copper	UG/L	3.0 U	3.0 U	3.0 U	3.0 U	11.3	3.0 U
Iron	UG/L	112	15100	10.3 U	57.8	2.5 UJ	14100
Lead	UG/L	1.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Magnesium	UG/L	3370	41200	455	34100	1240	9690
Manganese	UG/L	115	264	7.1	603	1.7 J	385
Mercury	UG/L	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Nickel	UG/L	7.1	3.5 U	3.5 U	3.5 U	3.5 UJ	3.5 U
Potassium	UG/L	1760	61700	2140	59600	2860 J	4540
Selenium	UG/L	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 U	2.0 UJ
Silver	UG/L	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ
Sodium	UG/L	7280	233000	11300	194000	26600	17600
Thallium	UG/L	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 U	2.0 UJ
Vanadium	UG/L	1.5 U	1.5 U	4.2	1.5 U	1.5 UJ	1.5 U
Zinc	UG/L	44.6	8.7 U	2.3 U	2.55 U	7.3	2.05 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:	28-TGWPAD01
Laboratory Sample ID:	940320-19
Date Sampled:	4/20/94

	UNITS	
Aluminum	UG/L	706
Antimony	UG/L	70.2
Arsenic	UG/L	7.8
Barium	UG/L	50.0
Beryllium	UG/L	0.5 U
Cadmium	UG/L	1.5 U
Calcium	UG/L	83200
Chromium	UG/L	3.5 U
Cobalt	UG/L	2.0 U
Copper	UG/L	8.7 U
Iron	UG/L	23.9 U
Lead	UG/L	0.5 U
Magnesium	UG/L	76 U
Manganese	UG/L	0.5 U
Mercury	UG/L	0.07 U
Nickel	UG/L	12.1 U
Potassium	UG/L	42900
Selenium	UG/L	2.0 U
Silver	UG/L	2.5 U
Sodium	UG/L	151000
Thallium	UG/L	2.0 U
Vanadium	UG/L	1.5 U
Zinc	UG/L	1.5 U

SITE 28
HADNOT POINT BURN DUMP
SHALLOW AND DEEP GROUNDWATER
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	UPPER 95% CONFIDENCE INTERVAL	UPPER 95% CONFIDENCE INTERVAL
	UNITS					
Aluminum	UG/L	706	99.8	189.9	193.6	253.8
Antimony	UG/L	70.2	23.7	15.2	31.2	30.3
Arsenic	UG/L	7.8	2.8	2.0	3.7	4.0
Barium	UG/L	423	101.8	147.2	174.5	628.1
Beryllium	UG/L	ND	NA	NA	NA	NA
Cadmium	UG/L	ND	NA	NA	NA	NA
Calcium	UG/L	187000	60125.4	50971.7	85317.5	209801.5
Chromium	UG/L	7.5 J	3.8	1.1	4.4	4.3
Cobalt	UG/L	4.5	2.2	0.7	2.5	2.5
Copper	UG/L	11.3	4.1	2.7	5.4	5.3
Iron	UG/L	30200 J	5199.6	9243.3	9768.0	100889886.2
Lead	UG/L	1.8	0.61	0.36	0.79	0.74
Magnesium	UG/L	41200	11726.2	13626.2	18460.8	309047.0
Manganese	UG/L	603	134.4	180.9	223.8	12229.4
Mercury	UG/L	ND	NA	NA	NA	NA
Nickel	UG/L	9.5	5.2	2.9	6.6	6.8
Potassium	UG/L	61700	19219.5	23492.6	30830.4	227383.6
Selenium	UG/L	ND	NA	NA	NA	NA
Silver	UG/L	7.8	2.9	1.5	3.7	3.5
Sodium	UG/L	778000	118690.0	212907.6	223917.0	786755.6
Thallium	UG/L	ND	NA	NA	NA	NA
Vanadium	UG/L	4.2	1.7	0.7	2.1	2.0
Zinc	UG/L	44.6	7.2	11.6	12.9	13.8

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-OP-SW01	28-OP-SW02
Laboratory Sample ID:		940250-04	940250-06
Date Sampled:		3/28/94	3/28/94
	UNITS		
VOLATILES			
Chloromethane	UG/L	5 U	5 U
Bromomethane	UG/L	5 U	5 U
Vinyl chloride	UG/L	5 U	5 U
Chloroethane	UG/L	5 U	5 U
Methylene chloride	UG/L	10	7 J
Acetone	UG/L	5 U	5 U
Carbon Disulfide	UG/L	5 U	5 U
1,1-Dichloroethene	UG/L	5 U	5 U
1,1-Dichloroethane	UG/L	5 U	5 U
1,2-Dichloroethene(total)	UG/L	5 U	5 U
Chloroform	UG/L	5 U	5 U
1,2-Dichloroethane	UG/L	5 U	5 U
2-Butanone	UG/L	5 U	5 U
1,1,1-Trichloroethane	UG/L	5 U	5 U
Carbon tetrachloride	UG/L	5 U	5 U
Bromodichloromethane	UG/L	5 U	5 U
1,2-Dichloropropane	UG/L	5 U	5 U
cis-1,3-Dichloropropene	UG/L	5 U	5 U
Trichloroethene	UG/L	5 U	5 U
Dibromochloromethane	UG/L	5 U	5 U
1,1,2-Trichloroethane	UG/L	5 U	5 U
Benzene	UG/L	5 U	5 U
trans-1,3-Dichloropropene	UG/L	5 U	5 U
Bromoform	UG/L	5 U	5 U
4-Methyl-2-pentanone	UG/L	5 U	5 U
2-Hexanone	UG/L	5 U	5 U
Tetrachloroethene	UG/L	5 U	5 U
1,1,2,2-Tetrachloroethane	UG/L	5 U	5 U
Toluene	UG/L	5 U	5 U
Chlorobenzene	UG/L	5 U	5 U
Ethylbenzene	UG/L	5 U	5 U
Styrene	UG/L	5 U	5 U
Xylenes (total)	UG/L	5 U	5 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-OP-SW01	28-OP-SW02
Laboratory Sample ID:		940250-04	940250-06
Date Sampled:		3/28/94	3/28/94
	UNITS		
SEMIVOLATILES			
Phenol	UG/L	5 U	5 U
bis(2-Chloroethyl) ether	UG/L	5 U	5 U
2-Chlorophenol	UG/L	5 U	5 U
1,3-Dichlorobenzene	UG/L	5 U	5 U
1,4-Dichlorobenzene	UG/L	5 U	5 U
1,2-Dichlorobenzene	UG/L	5 U	5 U
2-Methylphenol	UG/L	5 U	5 U
2,2'-oxybis-(1-chloropropane)	UG/L	5 U	5 U
4-Methylphenol	UG/L	5 U	5 U
N-Nitroso-di-n-propylamine	UG/L	5 U	5 U
Hexachloroethane	UG/L	5 U	5 U
Nitrobenzene	UG/L	5 U	5 U
Isophorone	UG/L	5 U	5 U
2-Nitrophenol	UG/L	5 U	5 U
2,4-Dimethylphenol	UG/L	5 U	5 U
bis(2-Chloroethoxy) methane	UG/L	5 U	5 U
2,4-Dichlorophenol	UG/L	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5 U	5 U
Naphthalene	UG/L	5 U	5 U
4-Chloroaniline	UG/L	5 U	5 U
Hexachlorobutadiene	UG/L	5 U	5 U
4-Chloro-3-methylphenol	UG/L	5 U	5 U
2-Methylnaphthalene	UG/L	5 U	5 U
Hexachlorocyclopentadiene	UG/L	5 U	5 U
2,4,6-Trichlorophenol	UG/L	5 U	5 U
2,4,5-Trichlorophenol	UG/L	13 U	13 U
2-Chloronaphthalene	UG/L	5 U	5 U
2-Nitroaniline	UG/L	13 U	13 U
Dimethyl phthalate	UG/L	5 U	5 U
Acenaphthylene	UG/L	5 U	5 U
2,6-Dinitrotoluene	UG/L	5 U	5 U
3-Nitroaniline	UG/L	13 U	13 U
Acenaphthene	UG/L	5 U	5 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-OP-SW01	28-OP-SW02
Laboratory Sample ID:		940250-04	940250-06
Date Sampled:		3/28/94	3/28/94
	UNITS		
SEMIVOLATILES Cont.			
2,4-Dinitrophenol	UG/L	13 U	13 U
4-Nitrophenol	UG/L	13 U	13 U
Dibenzofuran	UG/L	5 U	5 U
2,4-Dinitrotoluene	UG/L	5 U	5 U
Diethylphthalate	UG/L	5 U	5 U
4-Chlorophenyl phenyl ether	UG/L	5 U	5 U
Fluorene	UG/L	5 U	5 U
4-Nitroaniline	UG/L	13 U	13 U
4,6-Dinitro-2-methylphenol	UG/L	13 U	13 U
N-nitrosodiphenylamine	UG/L	5 U	5 U
4-Bromophenyl-phenylether	UG/L	5 U	5 U
Hexachlorobenzene	UG/L	5 U	5 U
Pentachlorophenol	UG/L	13 U	13 U
Phenanthrene	UG/L	5 U	5 U
Anthracene	UG/L	5 U	5 U
Carbazole	UG/L	5 UJ	5 UJ
di-n-Butylphthalate	UG/L	5 U	5 U
Fluoranthene	UG/L	5 U	5 U
Pyrene	UG/L	5 U	5 U
Butyl benzyl phthalate	UG/L	5 U	5 U
3,3'-Dichlorobenzidine	UG/L	5 U	5 U
Benzo[a]anthracene	UG/L	5 U	5 U
Chrysene	UG/L	5 U	5 U
bis(2-Ethylhexyl)phthalate	UG/L	5 U	5 U
di-n-Octylphthalate	UG/L	5 U	5 U
Benzo[b]fluoranthene	UG/L	5 U	5 U
Benzo[k]fluoranthene	UG/L	5 U	5 U
Benzo[a]pyrene	UG/L	5 U	5 U
Indeno[1,2,3-cd]pyrene	UG/L	5 U	5 U
Dibenz[a,h]anthracene	UG/L	5 U	5 U
Benzo[g,h,i]perylene	UG/L	5 U	5 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-OP-SW01	28-OP-SW02
Laboratory Sample ID:		940250-04	940250-06
Date Sampled:		3/28/94	3/28/94
	UNITS		
PESTICIDES/PCBs			
alpha-BHC	UG/L	0.03 U	0.03 U
beta-BHC	UG/L	0.03 U	0.03 U
delta-BHC	UG/L	0.03 U	0.03 U
Lindane (gamma-BHC)	UG/L	0.03 U	0.03 U
Heptachlor	UG/L	0.03 U	0.03 U
Aldrin	UG/L	0.03 U	0.03 U
Heptachlor epoxide	UG/L	0.03 U	0.03 U
Endosulfan I	UG/L	0.03 U	0.03 U
Dieldrin	UG/L	0.05 U	0.05 U
4,4'-DDE	UG/L	0.05 U	0.05 U
Endrin	UG/L	0.05 U	0.05 U
Endosulfan II	UG/L	0.05 U	0.05 U
4,4'-DDD	UG/L	0.05 U	0.05 U
Endosulfan sulfate	UG/L	0.05 U	0.05 U
4,4'-DDT	UG/L	0.05 U	0.05 U
Methoxychlor	UG/L	0.25 U	0.25 U
Endrin ketone	UG/L	0.05 U	0.05 U
Endrin aldehyde	UG/L	0.05 U	0.05 U
alpha-Chlordane	UG/L	0.03 U	0.03 U
gamma-Chlordane	UG/L	0.03 U	0.03 U
Toxaphene	UG/L	2.5 U	2.5 U
Aroclor 1016	UG/L	0.5 U	0.5 U
Aroclor 1221	UG/L	1.0 U	1.0 U
Aroclor 1232	UG/L	0.5 U	0.5 U
Aroclor 1242	UG/L	0.5 U	0.5 U
Aroclor 1248	UG/L	0.5 U	0.5 U
Aroclor 1254	UG/L	0.5 U	0.5 U
Aroclor 1260	UG/L	0.5 U	0.5 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/L	ND	NA	NA	NA	NA
Bromomethane	UG/L	ND	NA	NA	NA	NA
Vinyl chloride	UG/L	ND	NA	NA	NA	NA
Chloroethane	UG/L	ND	NA	NA	NA	NA
Methylene chloride	UG/L	10	8.5	2.1	18.0	NA
Acetone	UG/L	ND	NA	NA	NA	NA
Carbon Disulfide	UG/L	ND	NA	NA	NA	NA
1,1-Dichloroethene	UG/L	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/L	ND	NA	NA	NA	NA
Chloroform	UG/L	ND	NA	NA	NA	NA
1,2-Dichloroethane	UG/L	ND	NA	NA	NA	NA
2-Butanone	UG/L	ND	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/L	ND	NA	NA	NA	NA
Carbon tetrachloride	UG/L	ND	NA	NA	NA	NA
Bromodichloromethane	UG/L	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/L	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/L	ND	NA	NA	NA	NA
Trichloroethene	UG/L	ND	NA	NA	NA	NA
Dibromochloromethane	UG/L	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/L	ND	NA	NA	NA	NA
Benzene	UG/L	ND	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/L	ND	NA	NA	NA	NA
Bromoform	UG/L	ND	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/L	ND	NA	NA	NA	NA
2-Hexanone	UG/L	ND	NA	NA	NA	NA
Tetrachloroethene	UG/L	ND	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/L	ND	NA	NA	NA	NA
Toluene	UG/L	ND	NA	NA	NA	NA
Chlorobenzene	UG/L	ND	NA	NA	NA	NA
Ethylbenzene	UG/L	ND	NA	NA	NA	NA
Styrene	UG/L	ND	NA	NA	NA	NA
Xylenes (total)	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/L	ND	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/L	ND	NA	NA	NA	NA
2-Chlorophenol	UG/L	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
2-Methylphenol	UG/L	ND	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/L	ND	NA	NA	NA	NA
4-Methylphenol	UG/L	ND	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/L	ND	NA	NA	NA	NA
Hexachloroethane	UG/L	ND	NA	NA	NA	NA
Nitrobenzene	UG/L	ND	NA	NA	NA	NA
Isophorone	UG/L	ND	NA	NA	NA	NA
2-Nitrophenol	UG/L	ND	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	ND	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/L	ND	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	ND	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	ND	NA	NA	NA	NA
Naphthalene	UG/L	ND	NA	NA	NA	NA
4-Chloroaniline	UG/L	ND	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	ND	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	ND	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	ND	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/L	ND	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/L	ND	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/L	ND	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	ND	NA	NA	NA	NA
2-Nitroaniline	UG/L	ND	NA	NA	NA	NA
Dimethyl phthalate	UG/L	ND	NA	NA	NA	NA
Acenaphthylene	UG/L	ND	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	ND	NA	NA	NA	NA
3-Nitroaniline	UG/L	ND	NA	NA	NA	NA
Acenaphthene	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/L	ND	NA	NA	NA	NA
4-Nitrophenol	UG/L	ND	NA	NA	NA	NA
Dibenzofuran	UG/L	ND	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	ND	NA	NA	NA	NA
Diethylphthalate	UG/L	ND	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/L	ND	NA	NA	NA	NA
Fluorene	UG/L	ND	NA	NA	NA	NA
4-Nitroaniline	UG/L	ND	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	ND	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/L	ND	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	ND	NA	NA	NA	NA
Hexachlorobenzene	UG/L	ND	NA	NA	NA	NA
Pentachlorophenol	UG/L	ND	NA	NA	NA	NA
Phenanthrene	UG/L	ND	NA	NA	NA	NA
Anthracene	UG/L	ND	NA	NA	NA	NA
Carbazole	UG/L	ND	NA	NA	NA	NA
di-n-Butylphthalate	UG/L	ND	NA	NA	NA	NA
Fluoranthene	UG/L	ND	NA	NA	NA	NA
Pyrene	UG/L	ND	NA	NA	NA	NA
Butyl benzyl phthalate	UG/L	ND	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	ND	NA	NA	NA	NA
Benzo[a]anthracene	UG/L	ND	NA	NA	NA	NA
Chrysene	UG/L	ND	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	ND	NA	NA	NA	NA
di-n-Octylphthalate	UG/L	ND	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/L	ND	NA	NA	NA	NA
Benzo[k]fluoranthene	UG/L	ND	NA	NA	NA	NA
Benzo[a]pyrene	UG/L	ND	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	UG/L	ND	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/L	ND	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
PESTICIDES/PCBs						
alpha-BHC	UG/L	ND	NA	NA	NA	NA
beta-BHC	UG/L	ND	NA	NA	NA	NA
delta-BHC	UG/L	ND	NA	NA	NA	NA
Lindane (gamma-BHC)	UG/L	ND	NA	NA	NA	NA
Heptachlor	UG/L	ND	NA	NA	NA	NA
Aldrin	UG/L	ND	NA	NA	NA	NA
Heptachlor epoxide	UG/L	ND	NA	NA	NA	NA
Endosulfan I	UG/L	ND	NA	NA	NA	NA
Dieldrin	UG/L	ND	NA	NA	NA	NA
4,4'-DDE	UG/L	ND	NA	NA	NA	NA
Endrin	UG/L	ND	NA	NA	NA	NA
Endosulfan II	UG/L	ND	NA	NA	NA	NA
4,4'-DDD	UG/L	ND	NA	NA	NA	NA
Endosulfan sulfate	UG/L	ND	NA	NA	NA	NA
4,4'-DDT	UG/L	ND	NA	NA	NA	NA
Methoxychlor	UG/L	ND	NA	NA	NA	NA
Endrin ketone	UG/L	ND	NA	NA	NA	NA
Endrin aldehyde	UG/L	ND	NA	NA	NA	NA
alpha-Chlordane	UG/L	ND	NA	NA	NA	NA
gamma-Chlordane	UG/L	ND	NA	NA	NA	NA
Toxaphene	UG/L	ND	NA	NA	NA	NA
Aroclor 1016	UG/L	ND	NA	NA	NA	NA
Aroclor 1221	UG/L	ND	NA	NA	NA	NA
Aroclor 1232	UG/L	ND	NA	NA	NA	NA
Aroclor 1242	UG/L	ND	NA	NA	NA	NA
Aroclor 1248	UG/L	ND	NA	NA	NA	NA
Aroclor 1254	UG/L	ND	NA	NA	NA	NA
Aroclor 1260	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
METALS

Client Sample ID:		28-OP-SW01	28-OP-SW02
Laboratory Sample ID:		940250-04	940250-06
Date Sampled:		3/28/94	3/28/94
	UNITS		
Aluminum	UG/L	170	97.5
Antimony	UG/L	17.0 U	17.0 U
Arsenic	UG/L	1.5 U	1.5 U
Barium	UG/L	3.5 U	3.5 U
Beryllium	UG/L	0.5 U	0.5 U
Cadmium	UG/L	1.5 U	1.5 U
Calcium	UG/L	7610	8460
Chromium	UG/L	3.5 U	3.5 U
Cobalt	UG/L	2.0 U	2.0 U
Copper	UG/L	3.0 U	3.0 U
Iron	UG/L	421 J	431 J
Lead	UG/L	0.5 U	0.5 U
Magnesium	UG/L	693	752
Manganese	UG/L	0.5 UJ	0.5 UJ
Mercury	UG/L	0.07 U	0.07 U
Nickel	UG/L	3.5 U	12.8
Potassium	UG/L	1100 J	1180 J
Selenium	UG/L	2.0 U	2.0 U
Silver	UG/L	2.5 UJ	2.5 UJ
Sodium	UG/L	3070 J	3470 J
Thallium	UG/L	2.0 U	4.7
Vanadium	UG/L	1.5 U	1.5 U
Zinc	UG/L	1.9 U	33.1 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Aluminum	UG/L	170	133.8	51.3	362.6	NA
Antimony	UG/L	ND	NA	NA	NA	NA
Arsenic	UG/L	ND	NA	NA	NA	NA
Barium	UG/L	ND	NA	NA	NA	NA
Beryllium	UG/L	ND	NA	NA	NA	NA
Cadmium	UG/L	ND	NA	NA	NA	NA
Calcium	UG/L	8460	8035.0	601.0	10718.5	NA
Chromium	UG/L	ND	NA	NA	NA	NA
Cobalt	UG/L	ND	NA	NA	NA	NA
Copper	UG/L	ND	NA	NA	NA	NA
Iron	UG/L	431 J	426.0	7.1	457.6	NA
Lead	UG/L	ND	NA	NA	NA	NA
Magnesium	UG/L	752	722.5	41.7	908.8	NA
Manganese	UG/L	ND	NA	NA	NA	NA
Mercury	UG/L	ND	NA	NA	NA	NA
Nickel	UG/L	12.8	8.2	6.6	37.5	NA
Potassium	UG/L	1180 J	1140.0	56.6	1392.6	NA
Selenium	UG/L	ND	NA	NA	NA	NA
Silver	UG/L	ND	NA	NA	NA	NA
Sodium	UG/L	3470 J	3270.0	282.8	4532.8	NA
Thallium	UG/L	4.7	3.4	1.9	11.9	NA
Vanadium	UG/L	ND	NA	NA	NA	NA
Zinc	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SW01	28-CC-SW02	28-CC-SW03	28-CC-SW04	28-CC-SW05	28-CC-SW06
Laboratory Sample ID:		940250-01	940246-13	940246-14	940246-15	940246-16	940246-17
Date Sampled:		3/28/94	3/27/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
VOLATILES							
Chloromethane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	UG/L	4 J	5 U	5 U	5 U	5 U	5 U
Acetone	UG/L	7 U	8 U	10 U	5 U	5 U	6 U
Carbon Disulfide	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	UG/L	5 U	16	5 U	5 U	5 U	5 U
Tetrachloroethene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Xylenes (total)	UG/L	5 U	5 U	5 U	5 U	5 U	5 U

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SW01	28-CC-SW02	28-CC-SW03	28-CC-SW04	28-CC-SW05	28-CC-SW06
Laboratory Sample ID:		940250-01	940246-13	940246-14	940246-15	940246-16	940246-17
Date Sampled:		3/28/94	3/27/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
bis(2-Chloroethyl) ether	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
2-Chlorophenol	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
1,3-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
1,4-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
1,2-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
2-Methylphenol	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
2,2'-oxybis-(1-chloropropane)	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
4-Methylphenol	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
N-Nitroso-di-n-propylamine	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Hexachloroethane	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Nitrobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Isophorone	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
2-Nitrophenol	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
2,4-Dimethylphenol	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
bis(2-Chloroethoxy) methane	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
2,4-Dichlorophenol	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
1,2,4-Trichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Naphthalene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
4-Chloroaniline	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Hexachlorobutadiene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
4-Chloro-3-methylphenol	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
2-Methylnaphthalene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Hexachlorocyclopentadiene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
2,4,6-Trichlorophenol	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
2,4,5-Trichlorophenol	UG/L	13 U	13 U	13 U	13 U	13 U	25 U
2-Chloronaphthalene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
2-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U	25 U
Dimethyl phthalate	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Acenaphthylene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
2,6-Dinitrotoluene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
3-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U	25 U
Acenaphthene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SW01	28-CC-SW02	28-CC-SW03	28-CC-SW04	28-CC-SW05	28-CC-SW06
Laboratory Sample ID:		940250-01	940246-13	940246-14	940246-15	940246-16	940246-17
Date Sampled:		3/28/94	3/27/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/L	13 U	13 U	13 U	13 U	13 U	25 U
4-Nitrophenol	UG/L	13 U	13 U	13 U	13 U	13 U	25 U
Dibenzofuran	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
2,4-Dinitrotoluene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Diethylphthalate	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
4-Chlorophenyl phenyl ether	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Fluorene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
4-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U	25 U
4,6-Dinitro-2-methylphenol	UG/L	13 U	13 U	13 U	13 U	13 U	25 U
N-nitrosodiphenylamine	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
4-Bromophenyl-phenylether	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Hexachlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Pentachlorophenol	UG/L	13 U	13 U	13 U	13 U	13 U	25 U
Phenanthrene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Anthracene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Carbazole	UG/L	5 UJ	5 U	5 U	5 U	5 U	10 U
di-n-Butylphthalate	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Fluoranthene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Pyrene	UG/L	5 U	5 U	5 U	5 U	5 UJ	10 U
Butyl benzyl phthalate	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
3,3'-Dichlorobenzidine	UG/L	5 U	5 U	5 U	5 U	5 UJ	10 U
Benzo[a]anthracene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Chrysene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
di-n-Octylphthalate	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Benzo[b]fluoranthene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Benzo[k]fluoranthene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Benzo[a]pyrene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Indeno[1,2,3-cd]pyrene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Dibenz[a,h]anthracene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U
Benzo[g,h,i]perylene	UG/L	5 U	5 U	5 U	5 U	5 U	10 U

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SW01	28-CC-SW02	28-CC-SW03	28-CC-SW04	28-CC-SW05	28-CC-SW06
Laboratory Sample ID:		940250-01	940246-13	940246-14	940246-15	940246-16	940246-17
Date Sampled:		3/28/94	3/27/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.025 U	0.03 UJ
beta-BHC	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.025 U	0.03 UJ
delta-BHC	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.025 U	0.03 UJ
Lindane (gamma-BHC)	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.025 U	0.03 UJ
Heptachlor	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.025 U	0.03 UJ
Aldrin	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.025 U	0.03 UJ
Heptachlor epoxide	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.025 U	0.03 UJ
Endosulfan I	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.025 U	0.03 UJ
Dieldrin	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.025 U	0.05 UJ
4,4'-DDE	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
Endrin	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
Endosulfan II	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
4,4'-DDD	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
Endosulfan sulfate	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
4,4'-DDT	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
Methoxychlor	UG/L	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 U	0.25 UJ
Endrin ketone	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
Endrin aldehyde	UG/L	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
alpha-Chlordane	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.025 U	0.03 UJ
gamma-Chlordane	UG/L	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.025 U	0.03 UJ
Toxaphene	UG/L	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 U	2.5 UJ
Aroclor 1016	UG/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
Aroclor 1221	UG/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ
Aroclor 1232	UG/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
Aroclor 1242	UG/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
Aroclor 1248	UG/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
Aroclor 1254	UG/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
Aroclor 1260	UG/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-CC-SW07
Laboratory Sample ID:	940246-18
Date Sampled:	3/27/94

	UNITS	
VOLATILES		
Chloromethane	UG/L	5 U
Bromomethane	UG/L	5 U
Vinyl chloride	UG/L	5 U
Chloroethane	UG/L	5 U
Methylene chloride	UG/L	5 U
Acetone	UG/L	12
Carbon Disulfide	UG/L	5 U
1,1-Dichloroethene	UG/L	5 U
1,1-Dichloroethane	UG/L	5 U
1,2-Dichloroethene(total)	UG/L	5 U
Chloroform	UG/L	5 U
1,2-Dichloroethane	UG/L	5 U
2-Butanone	UG/L	5 U
1,1,1-Trichloroethane	UG/L	5 U
Carbon tetrachloride	UG/L	5 U
Bromodichloromethane	UG/L	5 U
1,2-Dichloropropane	UG/L	5 U
cis-1,3-Dichloropropene	UG/L	5 U
Trichloroethene	UG/L	5 U
Dibromochloromethane	UG/L	5 U
1,1,2-Trichloroethane	UG/L	5 U
Benzene	UG/L	5 U
trans-1,3-Dichloropropene	UG/L	5 U
Bromoform	UG/L	5 U
4-Methyl-2-pentanone	UG/L	5 U
2-Hexanone	UG/L	5 U
Tetrachloroethene	UG/L	5 U
1,1,2,2-Tetrachloroethane	UG/L	5 U
Toluene	UG/L	5 U
Chlorobenzene	UG/L	5 U
Ethylbenzene	UG/L	5 U
Styrene	UG/L	5 U
Xylenes (total)	UG/L	5 U

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-CC-SW07
Laboratory Sample ID:	940246-18
Date Sampled:	3/27/94

	UNITS	
SEMIVOLATILES		
Phenol	UG/L	5 U
bis(2-Chloroethyl) ether	UG/L	5 U
2-Chlorophenol	UG/L	5 U
1,3-Dichlorobenzene	UG/L	5 U
1,4-Dichlorobenzene	UG/L	5 U
1,2-Dichlorobenzene	UG/L	5 U
2-Methylphenol	UG/L	5 U
2,2'-oxybis-(1-chloropropane)	UG/L	5 U
4-Methylphenol	UG/L	5 U
N-Nitroso-di-n-propylamine	UG/L	5 U
Hexachloroethane	UG/L	5 U
Nitrobenzene	UG/L	5 U
Isophorone	UG/L	5 U
2-Nitrophenol	UG/L	5 U
2,4-Dimethylphenol	UG/L	5 U
bis(2-Chloroethoxy) methane	UG/L	5 U
2,4-Dichlorophenol	UG/L	5 U
1,2,4-Trichlorobenzene	UG/L	5 U
Naphthalene	UG/L	5 U
4-Chloroaniline	UG/L	5 U
Hexachlorobutadiene	UG/L	5 U
4-Chloro-3-methylphenol	UG/L	5 U
2-Methylnaphthalene	UG/L	5 U
Hexachlorocyclopentadiene	UG/L	5 U
2,4,6-Trichlorophenol	UG/L	5 U
2,4,5-Trichlorophenol	UG/L	13 U
2-Chloronaphthalene	UG/L	5 U
2-Nitroaniline	UG/L	13 U
Dimethyl phthalate	UG/L	5 U
Acenaphthylene	UG/L	5 U
2,6-Dinitrotoluene	UG/L	5 U
3-Nitroaniline	UG/L	13 U
Acenaphthene	UG/L	5 U

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-CC-SW07
Laboratory Sample ID:	940246-18
Date Sampled:	3/27/94

SEMIVOLATILES Cont.	UNITS	
2,4-Dinitrophenol	UG/L	13 U
4-Nitrophenol	UG/L	13 U
Dibenzofuran	UG/L	5 U
2,4-Dinitrotoluene	UG/L	5 U
Diethylphthalate	UG/L	5 U
4-Chlorophenyl phenyl ether	UG/L	5 U
Fluorene	UG/L	5 U
4-Nitroaniline	UG/L	13 U
4,6-Dinitro-2-methylphenol	UG/L	13 U
N-nitrosodiphenylamine	UG/L	5 U
4-Bromophenyl-phenylether	UG/L	5 U
Hexachlorobenzene	UG/L	5 U
Pentachlorophenol	UG/L	13 U
Phenanthrene	UG/L	5 U
Anthracene	UG/L	5 U
Carbazole	UG/L	5 U
di-n-Butylphthalate	UG/L	5 U
Fluoranthene	UG/L	5 U
Pyrene	UG/L	5 U
Butyl benzyl phthalate	UG/L	5 U
3,3'-Dichlorobenzidine	UG/L	5 U
Benzo[a]anthracene	UG/L	5 U
Chrysene	UG/L	5 U
bis(2-Ethylhexyl)phthalate	UG/L	5 U
di-n-Octylphthalate	UG/L	5 U
Benzo[b]fluoranthene	UG/L	5 U
Benzo[k]fluoranthene	UG/L	5 U
Benzo[a]pyrene	UG/L	5 U
Indeno[1,2,3-cd]pyrene	UG/L	5 U
Dibenz[a,h]anthracene	UG/L	5 U
Benzo[g,h,i]perylene	UG/L	5 U

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-CC-SW07
Laboratory Sample ID:	940246-18
Date Sampled:	3/27/94

PESTICIDES/PCBs	UNITS	
alpha-BHC	UG/L	0.03 UJ
beta-BHC	UG/L	0.03 UJ
delta-BHC	UG/L	0.03 UJ
Lindane (gamma-BHC)	UG/L	0.03 UJ
Heptachlor	UG/L	0.03 UJ
Aldrin	UG/L	0.03 UJ
Heptachlor epoxide	UG/L	0.03 UJ
Endosulfan I	UG/L	0.03 UJ
Dieldrin	UG/L	0.05 UJ
4,4'-DDE	UG/L	0.05 UJ
Endrin	UG/L	0.05 UJ
Endosulfan II	UG/L	0.05 UJ
4,4'-DDD	UG/L	0.05 UJ
Endosulfan sulfate	UG/L	0.05 UJ
4,4'-DDT	UG/L	0.05 UJ
Methoxychlor	UG/L	0.25 UJ
Endrin ketone	UG/L	0.05 UJ
Endrin aldehyde	UG/L	0.05 UJ
alpha-Chlordane	UG/L	0.03 UJ
gamma-Chlordane	UG/L	0.03 UJ
Toxaphene	UG/L	2.5 UJ
Aroclor 1016	UG/L	0.5 UJ
Aroclor 1221	UG/L	1.0 UJ
Aroclor 1232	UG/L	0.5 UJ
Aroclor 1242	UG/L	0.5 UJ
Aroclor 1248	UG/L	0.5 UJ
Aroclor 1254	UG/L	0.5 UJ
Aroclor 1260	UG/L	0.5 UJ

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/L	ND	NA	NA	NA	NA
Bromomethane	UG/L	ND	NA	NA	NA	NA
Vinyl chloride	UG/L	ND	NA	NA	NA	NA
Chloroethane	UG/L	ND	NA	NA	NA	NA
Methylene chloride	UG/L	4 J	4.9	0.4	5.1	5.2
Acetone	UG/L	12	7.4	2.6	9.4	10.2
Carbon Disulfide	UG/L	ND	NA	NA	NA	NA
1,1-Dichloroethene	UG/L	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/L	ND	NA	NA	NA	NA
Chloroform	UG/L	ND	NA	NA	NA	NA
1,2-Dichloroethane	UG/L	ND	NA	NA	NA	NA
2-Butanone	UG/L	ND	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/L	ND	NA	NA	NA	NA
Carbon tetrachloride	UG/L	ND	NA	NA	NA	NA
Bromodichloromethane	UG/L	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/L	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/L	ND	NA	NA	NA	NA
Trichloroethene	UG/L	ND	NA	NA	NA	NA
Dibromochloromethane	UG/L	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/L	ND	NA	NA	NA	NA
Benzene	UG/L	ND	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/L	ND	NA	NA	NA	NA
Bromoform	UG/L	ND	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/L	ND	NA	NA	NA	NA
2-Hexanone	UG/L	16	6.6	4.2	9.6	10.1
Tetrachloroethene	UG/L	ND	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/L	ND	NA	NA	NA	NA
Toluene	UG/L	ND	NA	NA	NA	NA
Chlorobenzene	UG/L	ND	NA	NA	NA	NA
Ethylbenzene	UG/L	ND	NA	NA	NA	NA
Styrene	UG/L	ND	NA	NA	NA	NA
Xylenes (total)	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/L	ND	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/L	ND	NA	NA	NA	NA
2-Chlorophenol	UG/L	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
2-Methylphenol	UG/L	ND	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/L	ND	NA	NA	NA	NA
4-Methylphenol	UG/L	ND	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/L	ND	NA	NA	NA	NA
Hexachloroethane	UG/L	ND	NA	NA	NA	NA
Nitrobenzene	UG/L	ND	NA	NA	NA	NA
Isophorone	UG/L	ND	NA	NA	NA	NA
2-Nitrophenol	UG/L	ND	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	ND	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/L	ND	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	ND	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	ND	NA	NA	NA	NA
Naphthalene	UG/L	ND	NA	NA	NA	NA
4-Chloroaniline	UG/L	ND	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	ND	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	ND	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	ND	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/L	ND	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/L	ND	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/L	ND	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	ND	NA	NA	NA	NA
2-Nitroaniline	UG/L	ND	NA	NA	NA	NA
Dimethyl phthalate	UG/L	ND	NA	NA	NA	NA
Acenaphthylene	UG/L	ND	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	ND	NA	NA	NA	NA
3-Nitroaniline	UG/L	ND	NA	NA	NA	NA
Acenaphthene	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/L	ND	NA	NA	NA	NA
4-Nitrophenol	UG/L	ND	NA	NA	NA	NA
Dibenzofuran	UG/L	ND	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	ND	NA	NA	NA	NA
Diethylphthalate	UG/L	ND	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/L	ND	NA	NA	NA	NA
Fluorene	UG/L	ND	NA	NA	NA	NA
4-Nitroaniline	UG/L	ND	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	ND	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/L	ND	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	ND	NA	NA	NA	NA
Hexachlorobenzene	UG/L	ND	NA	NA	NA	NA
Pentachlorophenol	UG/L	ND	NA	NA	NA	NA
Phenanthrene	UG/L	ND	NA	NA	NA	NA
Anthracene	UG/L	ND	NA	NA	NA	NA
Carbazole	UG/L	ND	NA	NA	NA	NA
di-n-Butylphthalate	UG/L	ND	NA	NA	NA	NA
Fluoranthene	UG/L	ND	NA	NA	NA	NA
Pyrene	UG/L	ND	NA	NA	NA	NA
Butyl benzyl phthalate	UG/L	ND	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	ND	NA	NA	NA	NA
Benzo[a]anthracene	UG/L	ND	NA	NA	NA	NA
Chrysene	UG/L	ND	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	ND	NA	NA	NA	NA
di-n-Octylphthalate	UG/L	ND	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/L	ND	NA	NA	NA	NA
Benzo[k]fluoranthene	UG/L	ND	NA	NA	NA	NA
Benzo[a]pyrene	UG/L	ND	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	UG/L	ND	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/L	ND	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
PESTICIDES/PCBs						
alpha-BHC	UG/L	ND	NA	NA	NA	NA
beta-BHC	UG/L	ND	NA	NA	NA	NA
delta-BHC	UG/L	ND	NA	NA	NA	NA
Lindane (gamma-BHC)	UG/L	ND	NA	NA	NA	NA
Heptachlor	UG/L	ND	NA	NA	NA	NA
Aldrin	UG/L	ND	NA	NA	NA	NA
Heptachlor epoxide	UG/L	ND	NA	NA	NA	NA
Endosulfan I	UG/L	ND	NA	NA	NA	NA
Dieldrin	UG/L	ND	NA	NA	NA	NA
4,4'-DDE	UG/L	ND	NA	NA	NA	NA
Endrin	UG/L	ND	NA	NA	NA	NA
Endosulfan II	UG/L	ND	NA	NA	NA	NA
4,4'-DDD	UG/L	ND	NA	NA	NA	NA
Endosulfan sulfate	UG/L	ND	NA	NA	NA	NA
4,4'-DDT	UG/L	ND	NA	NA	NA	NA
Methoxychlor	UG/L	ND	NA	NA	NA	NA
Endrin ketone	UG/L	ND	NA	NA	NA	NA
Endrin aldehyde	UG/L	ND	NA	NA	NA	NA
alpha-Chlordane	UG/L	ND	NA	NA	NA	NA
gamma-Chlordane	UG/L	ND	NA	NA	NA	NA
Toxaphene	UG/L	ND	NA	NA	NA	NA
Aroclor 1016	UG/L	ND	NA	NA	NA	NA
Aroclor 1221	UG/L	ND	NA	NA	NA	NA
Aroclor 1232	UG/L	ND	NA	NA	NA	NA
Aroclor 1242	UG/L	ND	NA	NA	NA	NA
Aroclor 1248	UG/L	ND	NA	NA	NA	NA
Aroclor 1254	UG/L	ND	NA	NA	NA	NA
Aroclor 1260	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-CC-SW01	28-CC-SW02	28-CC-SW03	28-CC-SW04	28-CC-SW05	28-CC-SW06
Laboratory Sample ID:		940250-01	940246-13	940246-14	940246-15	940246-16	940246-17
Date Sampled:		3/28/94	3/27/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
Aluminum	UG/L	936	672	773	866	767	347
Antimony	UG/L	17.0 U	17.0 U	17.0 U	17.0 U	17.0 U	17.0 U
Arsenic	UG/L	1.5 U	1.5 U	3.9	1.5 U	1.5 U	1.5 U
Barium	UG/L	21.0	18.4	15.9	17.8	13.2	17.1
Beryllium	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cadmium	UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Calcium	UG/L	40400	35400	32900	34900	29500	45900
Chromium	UG/L	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Cobalt	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Copper	UG/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	6.2
Iron	UG/L	1390 J	1090 J	985 J	1140 J	950 J	838 J
Lead	UG/L	1.9	3.0	3.5	2.9	2.4	4.2
Magnesium	UG/L	4550	22500	14900	3690	3030	7310
Manganese	UG/L	56.1	45.3	23.8	39.7	24.0	23.6
Mercury	UG/L	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Nickel	UG/L	7.2	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Potassium	UG/L	2250 J	7720 J	5440 J	1870 J	1660 J	2550 J
Selenium	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Silver	UG/L	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ
Sodium	UG/L	26100 J	183000 J	120000 J	20900 J	15200 J	42900 J
Thallium	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	UG/L	3.6	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Zinc	UG/L	7.1 U	13.0	10.9	10.0	10.8	10.0

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:	28-CC-SW07
Laboratory Sample ID:	940246-18
Date Sampled:	3/27/94

	UNITS		
Aluminum	UG/L	699	
Antimony	UG/L	17.0	U
Arsenic	UG/L	1.5	U
Barium	UG/L	12.8	
Beryllium	UG/L	0.5	U
Cadmium	UG/L	1.5	U
Calcium	UG/L	35200	
Chromium	UG/L	3.5	U
Cobalt	UG/L	2.0	U
Copper	UG/L	3.0	U
Iron	UG/L	948	J
Lead	UG/L	2.7	
Magnesium	UG/L	5500	
Manganese	UG/L	20.2	
Mercury	UG/L	0.07	U
Nickel	UG/L	3.5	U
Potassium	UG/L	1770	J
Selenium	UG/L	2.0	U
Silver	UG/L	2.5	UJ
Sodium	UG/L	29900	J
Thallium	UG/L	2.0	U
Vanadium	UG/L	1.5	U
Zinc	UG/L	8.0	

SITE 28
HADNOT POINT BURN DUMP - CODGELS CREEK
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
	UNITS					
Aluminum	UG/L	936	722.9	189.2	861.8	994.3
Antimony	UG/L	ND	NA	NA	NA	NA
Arsenic	UG/L	3.9	1.8	0.9	2.5	2.6
Barium	UG/L	21	16.6	2.9	18.7	19.2
Beryllium	UG/L	ND	NA	NA	NA	NA
Cadmium	UG/L	ND	NA	NA	NA	NA
Calcium	UG/L	45900	36314.3	5334.6	40231.9	40828.4
Chromium	UG/L	ND	NA	NA	NA	NA
Cobalt	UG/L	ND	NA	NA	NA	NA
Copper	UG/L	6.2	3.5	1.2	4.3	4.4
Iron	UG/L	1390 J	1048.7	180.2	1181.1	1200.1
Lead	UG/L	4.2	2.9	0.7	3.5	3.7
Magnesium	UG/L	22500	8782.9	7251.2	14108.0	23260.5
Manganese	UG/L	56.1	33.2	13.8	43.4	48.6
Mercury	UG/L	ND	NA	NA	NA	NA
Nickel	UG/L	7.2	4.0	1.4	5.1	5.1
Potassium	UG/L	7720 J	3322.9	2340.0	5041.3	6830.7
Selenium	UG/L	ND	NA	NA	NA	NA
Silver	UG/L	ND	NA	NA	NA	NA
Sodium	UG/L	183000 J	62571.4	63987.2	109562.7	260641.2
Thallium	UG/L	ND	NA	NA	NA	NA
Vanadium	UG/L	3.6	1.8	0.8	2.4	2.4
Zinc	UG/L	13	10.0	2.0	11.4	11.9

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SW01	28-NR-SW02	28-NR-SW03	28-NR-SW04	28-NR-SW05
Laboratory Sample ID:		940248-31	940248-32	940250-10	940250-27	940250-29
Date Sampled:		3/28/94	3/28/94	3/28/94	3/29/94	3/29/94
	UNITS					
VOLATILES						
Chloromethane	UG/L	5 U	5 U	5 U	5 U	5 U
Bromomethane	UG/L	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	UG/L	5 U	5 U	5 U	5 U	5 U
Chloroethane	UG/L	5 U	5 U	5 U	5 U	5 U
Methylene chloride	UG/L	5 U	5 U	5 U	5 U	5 U
Acetone	UG/L	5 U	5 U	5 U	5 U	14 J
Carbon Disulfide	UG/L	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	UG/L	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	UG/L	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	UG/L	5 U	5 U	5 U	5 U	5 U
Chloroform	UG/L	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	UG/L	5 U	5 U	5 U	5 U	5 U
2-Butanone	UG/L	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	UG/L	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	UG/L	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	UG/L	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	UG/L	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	UG/L	5 U	5 U	5 U	5 U	5 U
Trichloroethene	UG/L	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	UG/L	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	UG/L	5 U	5 U	5 U	5 U	5 U
Benzene	UG/L	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	UG/L	5 U	5 U	5 U	5 U	5 U
Bromoform	UG/L	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	UG/L	5 U	5 U	5 U	5 U	5 U
2-Hexanone	UG/L	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	UG/L	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	UG/L	5 U	5 U	5 U	5 U	5 U
Toluene	UG/L	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	UG/L	5 U	5 U	5 U	5 U	5 U
Styrene	UG/L	5 U	5 U	5 U	5 U	5 U
Xylenes (total)	UG/L	5 U	5 U	5 U	5 U	5 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SW01	28-NR-SW02	28-NR-SW03	28-NR-SW04	28-NR-SW05
Laboratory Sample ID:		940248-31	940248-32	940250-10	940250-27	940250-29
Date Sampled:		3/28/94	3/28/94	3/28/94	3/29/94	3/29/94
	UNITS					
SEMIVOLATILES						
Phenol	UG/L	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethyl) ether	UG/L	5 U	5 U	5 U	5 U	5 U
2-Chlorophenol	UG/L	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	UG/L	5 U	5 U	5 U	5 U	5 U
2,2'-oxybis-(1-chloropropane)	UG/L	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	UG/L	5 U	5 U	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	UG/L	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	UG/L	5 U	5 U	5 U	5 U	5 U
Nitrobenzene	UG/L	5 U	5 U	5 U	5 U	5 U
Isophorone	UG/L	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	UG/L	5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	UG/L	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	UG/L	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	UG/L	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U
Naphthalene	UG/L	5 U	5 U	5 U	5 U	5 U
4-Chloroaniline	UG/L	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	UG/L	5 U	5 U	5 U	5 U	5 U
4-Chloro-3-methylphenol	UG/L	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	UG/L	5 U	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	UG/L	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	UG/L	5 U	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	UG/L	13 U	13 U	13 U	13 U	13 U
2-Chloronaphthalene	UG/L	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U
Dimethyl phthalate	UG/L	5 U	5 U	5 U	5 U	5 U
Acenaphthylene	UG/L	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	UG/L	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U
Acenaphthene	UG/L	5 U	5 U	5 U	5 U	5 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SW01	28-NR-SW02	28-NR-SW03	28-NR-SW04	28-NR-SW05
Laboratory Sample ID:		940248-31	940248-32	940250-10	940250-27	940250-29
Date Sampled:		3/28/94	3/28/94	3/28/94	3/29/94	3/29/94
	UNITS					
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/L	13 U	13 U	13 U	13 U	13 U
4-Nitrophenol	UG/L	13 U	13 U	13 U	13 U	13 U
Dibenzofuran	UG/L	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	UG/L	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	UG/L	5 U	5 U	5 U	5 U	5 U
4-Chlorophenyl phenyl ether	UG/L	5 U	5 U	5 U	5 U	5 U
Fluorene	UG/L	5 U	5 U	5 U	5 U	5 U
4-Nitroaniline	UG/L	13 U	13 U	13 U	13 U	13 U
4,6-Dinitro-2-methylphenol	UG/L	13 U	13 U	13 U	13 U	13 U
N-nitrosodiphenylamine	UG/L	5 U	5 U	5 U	5 U	5 U
4-Bromophenyl-phenylether	UG/L	5 U	5 U	5 U	5 U	5 U
Hexachlorobenzene	UG/L	5 U	5 U	5 U	5 U	5 U
Pentachlorophenol	UG/L	13 U	13 U	13 U	13 U	13 U
Phenanthrene	UG/L	5 U	1 J	5 U	5 U	5 U
Anthracene	UG/L	5 U	5 U	5 U	5 U	5 U
Carbazole	UG/L	5 U	5 U	5 UJ	5 UJ	5 UJ
di-n-Butylphthalate	UG/L	5 U	5 U	5 U	5 U	5 U
Fluoranthene	UG/L	5 U	5 U	5 U	5 U	5 U
Pyrene	UG/L	5 U	5 U	5 U	5 U	5 U
Butyl benzyl phthalate	UG/L	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	UG/L	5 U	5 U	5 U	5 U	5 U
Benzo[a]anthracene	UG/L	5 U	5 U	5 U	5 U	5 U
Chrysene	UG/L	5 U	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	UG/L	5 U	2 J	5 U	1 J	600
di-n-Octylphthalate	UG/L	5 U	5 U	5 U	5 U	5 U
Benzo[b]fluoranthene	UG/L	5 U	5 U	5 U	5 U	5 U
Benzo[k]fluoranthene	UG/L	5 U	5 U	5 U	5 U	5 U
Benzo[a]pyrene	UG/L	5 U	5 U	5 U	5 U	5 U
Indeno[1,2,3-cd]pyrene	UG/L	5 U	5 U	5 U	5 U	5 U
Dibenz[a,h]anthracene	UG/L	5 U	5 U	5 U	5 U	5 U
Benzo[g,h,i]perylene	UG/L	5 U	5 U	5 U	5 U	5 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SW01	28-NR-SW02	28-NR-SW03	28-NR-SW04	28-NR-SW05
Laboratory Sample ID:		940248-31	940248-32	940250-10	940250-27	940250-29
Date Sampled:		3/28/94	3/28/94	3/28/94	3/29/94	3/29/94
	UNITS					
PESTICIDES/PCBs						
alpha-BHC	UG/L	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
beta-BHC	UG/L	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
delta-BHC	UG/L	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Lindane (gamma-BHC)	UG/L	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Heptachlor	UG/L	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Aldrin	UG/L	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Heptachlor epoxide	UG/L	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Endosulfan I	UG/L	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Dieldrin	UG/L	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
4,4'-DDE	UG/L	0.05 U	0.05 UJ	0.04 J	0.05 UJ	0.05 UJ
Endrin	UG/L	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Endosulfan II	UG/L	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
4,4'-DDD	UG/L	0.05 U	0.05 UJ	0.05 J	0.05 UJ	0.05 UJ
Endosulfan sulfate	UG/L	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
4,4'-DDT	UG/L	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Methoxychlor	UG/L	0.25 U	0.25 UJ	0.25 U	0.25 UJ	0.25 UJ
Endrin ketone	UG/L	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Endrin aldehyde	UG/L	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
alpha-Chlordane	UG/L	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
gamma-Chlordane	UG/L	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Toxaphene	UG/L	2.5 U	2.5 UJ	2.5 U	2.5 UJ	2.5 UJ
Aroclor 1016	UG/L	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
Aroclor 1221	UG/L	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ
Aroclor 1232	UG/L	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
Aroclor 1242	UG/L	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
Aroclor 1248	UG/L	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
Aroclor 1254	UG/L	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
Aroclor 1260	UG/L	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/L	ND	NA	NA	NA	NA
Bromomethane	UG/L	ND	NA	NA	NA	NA
Vinyl chloride	UG/L	ND	NA	NA	NA	NA
Chloroethane	UG/L	ND	NA	NA	NA	NA
Methylene chloride	UG/L	ND	NA	NA	NA	NA
Acetone	UG/L	14 J	6.8	4.0	10.6	13.5
Carbon Disulfide	UG/L	ND	NA	NA	NA	NA
1,1-Dichloroethene	UG/L	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/L	ND	NA	NA	NA	NA
Chloroform	UG/L	ND	NA	NA	NA	NA
1,2-Dichloroethane	UG/L	ND	NA	NA	NA	NA
2-Butanone	UG/L	ND	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/L	ND	NA	NA	NA	NA
Carbon tetrachloride	UG/L	ND	NA	NA	NA	NA
Bromodichloromethane	UG/L	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/L	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/L	ND	NA	NA	NA	NA
Trichloroethene	UG/L	ND	NA	NA	NA	NA
Dibromochloromethane	UG/L	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/L	ND	NA	NA	NA	NA
Benzene	UG/L	ND	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/L	ND	NA	NA	NA	NA
Bromoform	UG/L	ND	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/L	ND	NA	NA	NA	NA
2-Hexanone	UG/L	ND	NA	NA	NA	NA
Tetrachloroethene	UG/L	ND	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/L	ND	NA	NA	NA	NA
Toluene	UG/L	ND	NA	NA	NA	NA
Chlorobenzene	UG/L	ND	NA	NA	NA	NA
Ethylbenzene	UG/L	ND	NA	NA	NA	NA
Styrene	UG/L	ND	NA	NA	NA	NA
Xylenes (total)	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/L	ND	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/L	ND	NA	NA	NA	NA
2-Chlorophenol	UG/L	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
2-Methylphenol	UG/L	ND	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/L	ND	NA	NA	NA	NA
4-Methylphenol	UG/L	ND	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/L	ND	NA	NA	NA	NA
Hexachloroethane	UG/L	ND	NA	NA	NA	NA
Nitrobenzene	UG/L	ND	NA	NA	NA	NA
Isophorone	UG/L	ND	NA	NA	NA	NA
2-Nitrophenol	UG/L	ND	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	ND	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/L	ND	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	ND	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	ND	NA	NA	NA	NA
Naphthalene	UG/L	ND	NA	NA	NA	NA
4-Chloroaniline	UG/L	ND	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	ND	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	ND	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	ND	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/L	ND	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/L	ND	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/L	ND	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	ND	NA	NA	NA	NA
2-Nitroaniline	UG/L	ND	NA	NA	NA	NA
Dimethyl phthalate	UG/L	ND	NA	NA	NA	NA
Acenaphthylene	UG/L	ND	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	ND	NA	NA	NA	NA
3-Nitroaniline	UG/L	ND	NA	NA	NA	NA
Acenaphthene	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/L	ND	NA	NA	NA	NA
4-Nitrophenol	UG/L	ND	NA	NA	NA	NA
Dibenzofuran	UG/L	ND	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	ND	NA	NA	NA	NA
Diethylphthalate	UG/L	ND	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/L	ND	NA	NA	NA	NA
Fluorene	UG/L	ND	NA	NA	NA	NA
4-Nitroaniline	UG/L	ND	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	ND	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/L	ND	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	ND	NA	NA	NA	NA
Hexachlorobenzene	UG/L	ND	NA	NA	NA	NA
Pentachlorophenol	UG/L	ND	NA	NA	NA	NA
Phenanthrene	UG/L	1.4 J	4.3	1.6	5.8	11.6
Anthracene	UG/L	ND	NA	NA	NA	NA
Carbazole	UG/L	ND	NA	NA	NA	NA
di-n-Butylphthalate	UG/L	ND	NA	NA	NA	NA
Fluoranthene	UG/L	ND	NA	NA	NA	NA
Pyrene	UG/L	ND	NA	NA	NA	NA
Butyl benzyl phthalate	UG/L	ND	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	ND	NA	NA	NA	NA
Benzo[a]anthracene	UG/L	ND	NA	NA	NA	NA
Chrysene	UG/L	ND	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	600	122.6	266.9	377.1	7153824954.6
di-n-Octylphthalate	UG/L	ND	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/L	ND	NA	NA	NA	NA
Benzo[k]fluoranthene	UG/L	ND	NA	NA	NA	NA
Benzo[a]pyrene	UG/L	ND	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	UG/L	ND	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/L	ND	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
PESTICIDES/PCBs						
alpha-BHC	UG/L	ND	NA	NA	NA	NA
beta-BHC	UG/L	ND	NA	NA	NA	NA
delta-BHC	UG/L	ND	NA	NA	NA	NA
Lindane (gamma-BHC)	UG/L	ND	NA	NA	NA	NA
Heptachlor	UG/L	ND	NA	NA	NA	NA
Aldrin	UG/L	ND	NA	NA	NA	NA
Heptachlor epoxide	UG/L	ND	NA	NA	NA	NA
Endosulfan I	UG/L	ND	NA	NA	NA	NA
Dieldrin	UG/L	ND	NA	NA	NA	NA
4,4'-DDE	UG/L	0.04 J	0.048	0.004	0.052	0.053
Endrin	UG/L	ND	NA	NA	NA	NA
Endosulfan II	UG/L	ND	NA	NA	NA	NA
4,4'-DDD	UG/L	0.05 J	0.050	0.000	0.050	0.050
Endosulfan sulfate	UG/L	ND	NA	NA	NA	NA
4,4'-DDT	UG/L	ND	NA	NA	NA	NA
Methoxychlor	UG/L	ND	NA	NA	NA	NA
Endrin ketone	UG/L	ND	NA	NA	NA	NA
Endrin aldehyde	UG/L	ND	NA	NA	NA	NA
alpha-Chlordane	UG/L	ND	NA	NA	NA	NA
gamma-Chlordane	UG/L	ND	NA	NA	NA	NA
Toxaphene	UG/L	ND	NA	NA	NA	NA
Aroclor 1016	UG/L	ND	NA	NA	NA	NA
Aroclor 1221	UG/L	ND	NA	NA	NA	NA
Aroclor 1232	UG/L	ND	NA	NA	NA	NA
Aroclor 1242	UG/L	ND	NA	NA	NA	NA
Aroclor 1248	UG/L	ND	NA	NA	NA	NA
Aroclor 1254	UG/L	ND	NA	NA	NA	NA
Aroclor 1260	UG/L	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-NR-SW01	28-NR-SW02	28-NR-SW03	28-NR-SW04	28-NR-SW05
Laboratory Sample ID:		940248-31	940248-32	940250-10	940250-27	940250-29
Date Sampled:		3/28/94	3/28/94	3/28/94	3/29/94	3/29/94
Aluminum	UG/L	1660	1660	1090	817	1270
Antimony	UG/L	17.0 U	17.0 U	17.0 U	17.0 U	17.0 U
Arsenic	UG/L	1.5 UJ	4.3 J	4.3	1.5 U	4.2
Barium	UG/L	20.5	17.4	16.8	17.3	17.7
Beryllium	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cadmium	UG/L	1.5 U	4.2	3.8	1.5 U	1.5 U
Calcium	UG/L	130000	119000	115000	36700	47600
Chromium	UG/L	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Cobalt	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Copper	UG/L	18.1	7.2	6.6	3.0 U	3.0 U
Iron	UG/L	2010 J	1530 J	1440 J	1190	1590
Lead	UG/L	23.4	0.5 U	3.1	0.5 U	1.7
Magnesium	UG/L	396000	362000	337000	4910 J	55300 J
Manganese	UG/L	24.3 J	20.7 J	29.1	49.8	43.4
Mercury	UG/L	0.07 U	0.08 U	0.07 U	0.07 U	0.07 U
Nickel	UG/L	3.5 U	3.5 U	3.5 U	3.5 U	8.2
Potassium	UG/L	131000 J	119000 J	109000 J	2310 J	17700 J
Selenium	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Silver	UG/L	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ
Sodium	UG/L	3430000 J	3040000 J	3040000 J	31100 J	443000 J
Thallium	UG/L	2.0 U	2.0 U	2.0 U	5.6 J	2.0 U
Vanadium	UG/L	4.9	6.1	3.6	1.5 U	1.5 U
Zinc	UG/L	27.4	10.4	363	4.6 U	3.4 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Aluminum	UG/L	1660	1299.4	366.6	1648.9	1955.2
Antimony	UG/L	ND	NA	NA	NA	NA
Arsenic	UG/L	4.3 J	3.2	1.5	4.6	8.5
Barium	UG/L	20.5	17.9	1.5	19.3	19.4
Beryllium	UG/L	ND	NA	NA	NA	NA
Cadmium	UG/L	4.2	2.5	1.4	3.8	6.2
Calcium	UG/L	130000	89660.0	43886.4	131503.9	249480.0
Chromium	UG/L	ND	NA	NA	NA	NA
Cobalt	UG/L	ND	NA	NA	NA	NA
Copper	UG/L	18.1	7.6	6.2	13.5	36.0
Iron	UG/L	2010 J	1552.0	298.0	1836.2	1916.7
Lead	UG/L	23.4	5.8	9.9	15.3	4954.5
Magnesium	UG/L	396000	231042.0	185478.5	407888.3	4800324652.4
Manganese	UG/L	49.8	33.5	12.6	45.4	55.8
Mercury	UG/L	ND	NA	NA	NA	NA
Nickel	UG/L	8.2	4.4	2.1	6.4	7.4
Potassium	UG/L	131000 J	75802.0	60811.0	133782.8	666701643.1
Selenium	UG/L	ND	NA	NA	NA	NA
Silver	UG/L	ND	NA	NA	NA	NA
Sodium	UG/L	3430000 J	1996820.0	1620869.0	3542252.8	962932298552.1
Thallium	UG/L	5.6 J	2.7	1.6	4.3	5.4
Vanadium	UG/L	6.1	3.5	2.0	5.5	12.5
Zinc	UG/L	363	81.8	157.5	231.9	706282.3

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SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SURFACE WATER - POSITIVE DETECTION SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SW02	28-NR-SW03	28-NR-SW04	28-NR-SW05
Laboratory Sample ID:		940248-32	940250-10	940250-27	940250-29
Date Sampled:		3/28/94	3/28/94	3/29/94	3/29/94
VOLATILES					
Acetone	UG/L	ND	ND	ND	14 J
SEMIVOLATILES					
Phenanthrene	UG/L	1 J	ND	ND	ND
bis(2-Ethylhexyl)phthalate	UG/L	2 J	ND	1 J	600
PESTICIDES/PCBs					
4,4'-DDE	UG/L	ND	0.04 J	ND	ND
4,4'-DDD	UG/L	ND	0.05 J	ND	ND

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-OP-SD02-612	28-OP-SD01-06	28-OP-SD01-612	28-OP-SD02-06
Laboratory Sample ID:		940248-37	940248-33	940248-35	940248-36
Date Sampled:		3/28/94	3/28/94	3/28/94	3/28/94
	UNITS				
VOLATILES					
Chloromethane	UG/KG	10 U	7 U	9 U	7 U
Bromomethane	UG/KG	10 U	7 U	9 U	7 U
Vinyl chloride	UG/KG	10 U	7 U	9 U	7 U
Chloroethane	UG/KG	10 U	7 U	9 U	7 U
Methylene chloride	UG/KG	10 U	7 U	9 U	7 U
Acetone	UG/KG	130 J	79 J	46 J	37 J
Carbon Disulfide	UG/KG	10 U	7 U	9 U	7 U
1,1-Dichloroethene	UG/KG	10 U	7 U	9 U	7 U
1,1-Dichloroethane	UG/KG	10 U	7 U	9 U	7 U
1,2-Dichloroethene(total)	UG/KG	10 U	7 U	9 U	7 U
Chloroform	UG/KG	10 U	7 U	9 U	7 U
1,2-Dichloroethane	UG/KG	10 U	7 U	9 U	7 U
2-Butanone	UG/KG	35 J	19 J	9 U	14 J
1,1,1-Trichloroethane	UG/KG	10 U	7 U	9 U	7 U
Carbon tetrachloride	UG/KG	10 U	7 U	9 U	7 U
Bromodichloromethane	UG/KG	10 U	7 U	9 U	7 U
1,2-Dichloropropane	UG/KG	10 U	7 U	9 U	7 U
cis-1,3-Dichloropropene	UG/KG	10 U	7 U	9 U	7 U
Trichloroethene	UG/KG	10 U	7 U	9 U	7 U
Dibromochloromethane	UG/KG	10 U	7 U	9 U	7 U
1,1,2-Trichloroethane	UG/KG	10 U	7 U	9 U	7 U
Benzene	UG/KG	10 U	7 U	9 U	7 U
trans-1,3-Dichloropropene	UG/KG	10 U	7 U	9 U	7 U
Bromoform	UG/KG	10 U	7 U	9 U	7 U
4-Methyl-2-pentanone	UG/KG	10 U	7 U	9 U	7 U
2-Hexanone	UG/KG	10 U	7 U	9 U	7 U
Tetrachloroethene	UG/KG	10 U	7 U	9 U	7 U
1,1,2,2-Tetrachloroethane	UG/KG	10 U	7 U	9 U	7 U
Toluene	UG/KG	4 J	7 U	9 U	2 J
Chlorobenzene	UG/KG	10 U	7 U	9 U	7 U
Ethylbenzene	UG/KG	10 U	7 U	9 U	7 U
Styrene	UG/KG	10 U	7 U	9 U	7 U
Xylenes (total)	UG/KG	10 U	7 U	9 U	7 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-OP-SD02-612	28-OP-SD01-06	28-OP-SD01-612	28-OP-SD02-06
Laboratory Sample ID:		940248-37	940248-33	940248-35	940248-36
Date Sampled:		3/28/94	3/28/94	3/28/94	3/28/94
	UNITS				
SEMIVOLATILES					
Phenol	UG/KG	200 U	235 U	240 U	NA
bis(2-Chloroethyl) ether	UG/KG	200 U	235 U	240 U	NA
2-Chlorophenol	UG/KG	200 U	235 U	240 U	NA
1,3-Dichlorobenzene	UG/KG	200 U	235 U	240 U	NA
1,4-Dichlorobenzene	UG/KG	200 U	235 U	240 U	NA
1,2-Dichlorobenzene	UG/KG	200 U	235 U	240 U	NA
2-Methylphenol	UG/KG	200 U	235 U	240 U	NA
2,2'-oxybis-(1-chloropropane)	UG/KG	200 U	235 U	240 U	NA
4-Methylphenol	UG/KG	200 U	235 U	240 U	NA
N-Nitroso-di-n-propylamine	UG/KG	200 U	235 U	240 U	NA
Hexachloroethane	UG/KG	200 U	235 U	240 U	NA
Nitrobenzene	UG/KG	200 U	235 U	240 U	NA
Isophorone	UG/KG	200 U	235 U	240 U	NA
2-Nitrophenol	UG/KG	200 U	235 U	240 U	NA
2,4-Dimethylphenol	UG/KG	200 U	235 U	240 U	NA
bis(2-Chloroethoxy) methane	UG/KG	200 U	235 U	240 U	NA
2,4-Dichlorophenol	UG/KG	200 U	235 U	240 U	NA
1,2,4-Trichlorobenzene	UG/KG	200 U	235 U	240 U	NA
Naphthalene	UG/KG	200 U	235 U	240 U	NA
4-Chloroaniline	UG/KG	200 U	235 UJ	240 U	NA
Hexachlorobutadiene	UG/KG	200 U	235 U	240 U	NA
4-Chloro-3-methylphenol	UG/KG	200 U	235 U	240 U	NA
2-Methylnaphthalene	UG/KG	200 U	235 U	240 U	NA
Hexachlorocyclopentadiene	UG/KG	200 U	235 U	240 U	NA
2,4,6-Trichlorophenol	UG/KG	200 U	235 U	240 U	NA
2,4,5-Trichlorophenol	UG/KG	490 U	550 U	600 U	NA
2-Chloronaphthalene	UG/KG	200 U	235 U	240 U	NA
2-Nitroaniline	UG/KG	490 U	550 U	600 U	NA
Dimethyl phthalate	UG/KG	200 U	235 U	240 U	NA
Acenaphthylene	UG/KG	200 U	235 U	240 U	NA
2,6-Dinitrotoluene	UG/KG	200 U	235 U	240 U	NA
3-Nitroaniline	UG/KG	490 U	550 U	600 U	NA
Acenaphthene	UG/KG	200 U	235 U	240 U	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-OP-SD02-612	28-OP-SD01-06	28-OP-SD01-612	28-OP-SD02-06
Laboratory Sample ID:	940248-37	940248-33	940248-35	940248-36
Date Sampled:	3/28/94	3/28/94	3/28/94	3/28/94

	UNITS				
SEMIVOLATILES Cont.					
2,4-Dinitrophenol	UG/KG	490 U	550 U	600 U	NA
4-Nitrophenol	UG/KG	490 U	550 U	600 U	NA
Dibenzofuran	UG/KG	200 U	235 U	240 U	NA
2,4-Dinitrotoluene	UG/KG	200 U	235 U	240 U	NA
Diethylphthalate	UG/KG	200 U	235 U	240 U	NA
4-Chlorophenyl phenyl ether	UG/KG	200 U	235 U	240 U	NA
Fluorene	UG/KG	200 U	235 U	240 U	NA
4-Nitroaniline	UG/KG	490 U	550 UJ	600 U	NA
4,6-Dinitro-2-methylphenol	UG/KG	490 U	550 U	600 U	NA
N-nitrosodiphenylamine	UG/KG	200 U	235 U	240 U	NA
4-Bromophenyl-phenylether	UG/KG	200 U	235 U	240 U	NA
Hexachlorobenzene	UG/KG	200 U	235 U	240 U	NA
Pentachlorophenol	UG/KG	490 U	550 U	600 U	NA
Phenanthrene	UG/KG	200 U	235 U	240 U	NA
Anthracene	UG/KG	200 U	235 U	240 U	NA
Carbazole	UG/KG	200 U	235 U	240 U	NA
di-n-Butylphthalate	UG/KG	200 U	235 U	240 U	NA
Fluoranthene	UG/KG	200 U	235 U	240 U	NA
Pyrene	UG/KG	200 U	235 U	240 U	NA
Butyl benzyl phthalate	UG/KG	200 U	235 U	240 U	NA
3,3'-Dichlorobenzidine	UG/KG	200 U	235 U	240 U	NA
Benzo[a]anthracene	UG/KG	200 U	235 U	240 U	NA
Chrysene	UG/KG	200 U	235 U	240 U	NA
bis(2-Ethylhexyl)phthalate	UG/KG	430	120 J	120 J	NA
di-n-Octylphthalate	UG/KG	200 U	235 U	240 U	NA
Benzo[b]fluoranthene	UG/KG	200 U	235 U	240 U	NA
Benzo[k]fluoranthene	UG/KG	200 U	235 U	240 U	NA
Benzo[a]pyrene	UG/KG	200 U	235 U	240 U	NA
Indeno[1,2,3-cd]pyrene	UG/KG	200 U	235 U	240 U	NA
Dibenz[a,h]anthracene	UG/KG	200 U	235 U	240 U	NA
Benzo[g,h,i]perylene	UG/KG	200 U	235 U	240 U	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-OP-SD02-612	28-OP-SD01-06	28-OP-SD01-612	28-OP-SD02-06
Laboratory Sample ID:		940248-37	940248-33	940248-35	940248-36
Date Sampled:		3/28/94	3/28/94	3/28/94	3/28/94
	UNITS				
PESTICIDES/PCBs					
alpha-BHC	UG/KG	1.1 UJ	1.2 UJ		NA
beta-BHC	UG/KG	1.1 U	1.2 UJ		NA
delta-BHC	UG/KG	1.1 U	1.2 UJ		NA
Lindane (gamma-BHC)	UG/KG	1.1 UJ	1.2 UJ		NA
Heptachlor	UG/KG	1.1 U	1.2 UJ		NA
Aldrin	UG/KG	1.1 U	1.2 UJ		NA
Heptachlor epoxide	UG/KG	1.1 U	1.2 UJ		NA
Endosulfan I	UG/KG	1.1 U	1.2 UJ		NA
Dieldrin	UG/KG	2.0 U	2.4 UJ		NA
4,4'-DDE	UG/KG	2.0 U	2.4 UJ		NA
Endrin	UG/KG	2.0 U			NA
Endosulfan II	UG/KG	2.0 U	2.4 UJ		NA
4,4'-DDD	UG/KG	2.0 U	8.3 J		NA
Endosulfan sulfate	UG/KG	2.0 U	2.4 UJ		NA
4,4'-DDT	UG/KG	2.0 UJ	2.4 UJ		NA
Methoxychlor	UG/KG	11 U	12 UJ		NA
Endrin ketone	UG/KG	2.0 U	2.4 UJ		NA
Endrin aldehyde	UG/KG	2.0 U	2.4 UJ		NA
alpha-Chlordane	UG/KG	1.1 U	1.2 UJ		NA
gamma-Chlordane	UG/KG	1.1 U	1.2 UJ		NA
Toxaphene	UG/KG	105 U	120 UJ		NA
Aroclor 1016	UG/KG	20 U	24 UJ		NA
Aroclor 1221	UG/KG	41 U	48 UJ		NA
Aroclor 1232	UG/KG	20 U	24 UJ		NA
Aroclor 1242	UG/KG	20 U	24 UJ		NA
Aroclor 1248	UG/KG	20 U	24 UJ		NA
Aroclor 1254	UG/KG	20 U	24 UJ		NA
Aroclor 1260	UG/KG	20 U	24 UJ		NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/KG	ND	NA	NA	NA	NA
Bromomethane	UG/KG	ND	NA	NA	NA	NA
Vinyl chloride	UG/KG	ND	NA	NA	NA	NA
Chloroethane	UG/KG	ND	NA	NA	NA	NA
Methylene chloride	UG/KG	ND	NA	NA	NA	NA
Acetone	UG/KG	130 J	73.0	42.1	122.5	462.1
Carbon Disulfide	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethene	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/KG	ND	NA	NA	NA	NA
Chloroform	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
2-Butanone	UG/KG	35 J	19.1	11.4	32.6	133.1
1,1,1-Trichloroethane	UG/KG	ND	NA	NA	NA	NA
Carbon tetrachloride	UG/KG	ND	NA	NA	NA	NA
Bromodichloromethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/KG	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Trichloroethene	UG/KG	ND	NA	NA	NA	NA
Dibromochloromethane	UG/KG	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/KG	ND	NA	NA	NA	NA
Benzene	UG/KG	ND	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Bromoform	UG/KG	ND	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/KG	ND	NA	NA	NA	NA
2-Hexanone	UG/KG	ND	NA	NA	NA	NA
Tetrachloroethene	UG/KG	ND	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	ND	NA	NA	NA	NA
Toluene	UG/KG	4 J	5.4	2.9	8.8	63.4
Chlorobenzene	UG/KG	ND	NA	NA	NA	NA
Ethylbenzene	UG/KG	ND	NA	NA	NA	NA
Styrene	UG/KG	ND	NA	NA	NA	NA
Xylenes (total)	UG/KG	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/KG	ND	NA	NA	NA	NA
2-Chlorophenol	UG/KG	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
2-Methylphenol	UG/KG	ND	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/KG	ND	NA	NA	NA	NA
4-Methylphenol	UG/KG	ND	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/KG	ND	NA	NA	NA	NA
Hexachloroethane	UG/KG	ND	NA	NA	NA	NA
Nitrobenzene	UG/KG	ND	NA	NA	NA	NA
Isophorone	UG/KG	ND	NA	NA	NA	NA
2-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
2,4-Dimethylphenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/KG	ND	NA	NA	NA	NA
2,4-Dichlorophenol	UG/KG	ND	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	ND	NA	NA	NA	NA
Naphthalene	UG/KG	ND	NA	NA	NA	NA
4-Chloroaniline	UG/KG	ND	NA	NA	NA	NA
Hexachlorobutadiene	UG/KG	ND	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/KG	ND	NA	NA	NA	NA
2-Methylnaphthalene	UG/KG	ND	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/KG	ND	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2-Chloronaphthalene	UG/KG	ND	NA	NA	NA	NA
2-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Dimethyl phthalate	UG/KG	ND	NA	NA	NA	NA
Acenaphthylene	UG/KG	ND	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
3-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Acenaphthene	UG/KG	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
	UNITS					
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	ND	NA	NA	NA	NA
4-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
Dibenzofuran	UG/KG	ND	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
Diethylphthalate	UG/KG	ND	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/KG	ND	NA	NA	NA	NA
Fluorene	UG/KG	ND	NA	NA	NA	NA
4-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/KG	ND	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/KG	ND	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/KG	ND	NA	NA	NA	NA
Hexachlorobenzene	UG/KG	ND	NA	NA	NA	NA
Pentachlorophenol	UG/KG	ND	NA	NA	NA	NA
Phenanthrene	UG/KG	ND	NA	NA	NA	NA
Anthracene	UG/KG	ND	NA	NA	NA	NA
Carbazole	UG/KG	ND	NA	NA	NA	NA
di-n-Butylphthalate	UG/KG	ND	NA	NA	NA	NA
Fluoranthene	UG/KG	ND	NA	NA	NA	NA
Pyrene	UG/KG	ND	NA	NA	NA	NA
Butyl benzyl phthalate	UG/KG	ND	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/KG	ND	NA	NA	NA	NA
Benzo[a]anthracene	UG/KG	ND	NA	NA	NA	NA
Chrysene	UG/KG	ND	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/KG	430	223.3	179.0	525.1	55210.4
di-n-Octylphthalate	UG/KG	ND	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/KG	ND	NA	NA	NA	NA
Benzo[k]fluoranthene	UG/KG	ND	NA	NA	NA	NA
Benzo[a]pyrene	UG/KG	ND	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	UG/KG	ND	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/KG	ND	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/KG	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
	UNITS					
PESTICIDES/PCBs						
alpha-BHC	UG/KG	2.5 R	NA	NA	NA	NA
beta-BHC	UG/KG	2.5 R	NA	NA	NA	NA
delta-BHC	UG/KG	2.5 R	NA	NA	NA	NA
Lindane (gamma-BHC)	UG/KG	2.5 R	NA	NA	NA	NA
Heptachlor	UG/KG	2.5 R	NA	NA	NA	NA
Aldrin	UG/KG	2.5 R	NA	NA	NA	NA
Heptachlor epoxide	UG/KG	2.5 R	NA	NA	NA	NA
Endosulfan I	UG/KG	2.5 R	NA	NA	NA	NA
Dieldrin	UG/KG	4.8 R	NA	NA	NA	NA
4,4'-DDE	UG/KG	4.8 R	NA	NA	NA	NA
Endrin	UG/KG	4.8 R	NA	NA	NA	NA
Endosulfan II	UG/KG	4.8 R	NA	NA	NA	NA
4,4'-DDD	UG/KG	8.3 J	5.2	4.5	25.0	NA
Endosulfan sulfate	UG/KG	4.8 R	NA	NA	NA	NA
4,4'-DDT	UG/KG	4.8 R	NA	NA	NA	NA
Methoxychlor	UG/KG	25 R	NA	NA	NA	NA
Endrin ketone	UG/KG	4.8 R	NA	NA	NA	NA
Endrin aldehyde	UG/KG	4.8 R	NA	NA	NA	NA
alpha-Chlordane	UG/KG	2.5 R	NA	NA	NA	NA
gamma-Chlordane	UG/KG	2.5 R	NA	NA	NA	NA
Toxaphene	UG/KG	250 R	NA	NA	NA	NA
Aroclor 1016	UG/KG	48 R	NA	NA	NA	NA
Aroclor 1221	UG/KG	97 R	NA	NA	NA	NA
Aroclor 1232	UG/KG	48 R	NA	NA	NA	NA
Aroclor 1242	UG/KG	48 R	NA	NA	NA	NA
Aroclor 1248	UG/KG	48 R	NA	NA	NA	NA
Aroclor 1254	UG/KG	48 R	NA	NA	NA	NA
Aroclor 1260	UG/KG	48 R	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-OP-SD01-06	28-OP-SD01-612	28-OP-SD02-612
Laboratory Sample ID:		940248-33	940248-35	940248-36
Date Sampled:		3/28/94	3/28/94	3/28/94
Percent Solids		70.0	68.0	81.0
	UNITS			
Aluminum	MG/KG	4340 J	4880 J	2060 J
Antimony	MG/KG			
Arsenic	MG/KG	2.3	6.4	0.37 U
Barium	MG/KG	13.5	15.8	6.6
Beryllium	MG/KG	0.14 U	0.32	0.13 U
Cadmium	MG/KG	0.5 U	0.42 U	0.37 U
Calcium	MG/KG	1540 J	1790 J	271 J
Chromium	MG/KG	10.9	11.8	3.6
Cobalt	MG/KG	0.6 U	1.7	0.49 U
Copper	MG/KG	1.7	0.8 U	1.7
Iron	MG/KG	4050 J	4550 J	1240 J
Lead	MG/KG	8.3	7.9	3.8
Magnesium	MG/KG	298	412	52.8
Manganese	MG/KG	6.9	9.8	1.8 J
Mercury	MG/KG	0.03 U	0.03 U	0.03 U
Nickel	MG/KG	2.1	2.2	0.9 U
Potassium	MG/KG	253 J	202 J	59.8 J
Selenium	MG/KG	0.6 U	0.6 U	0.49 U
Silver	MG/KG	0.7 UJ	0.7 UJ	0.6 UJ
Sodium	MG/KG	26.2 U	30.5 U	19.0 U
Thallium	MG/KG	0.6 U	0.6 U	0.49 U
Vanadium	MG/KG	11.3	11.5	4.0
Zinc	MG/KG	4.2	4.4	1.3

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Percent Solids						
	UNITS					
Aluminum	MG/KG	4880 J	3760.0	1496.8	6283.4	33658.5
Antimony	MG/KG	9.3 R	NA	NA	NA	NA
Arsenic	MG/KG	6.4	3.0	3.1	8.2	2453934827.0
Barium	MG/KG	15.8	12.0	4.8	20.0	105.8
Beryllium	MG/KG	0.32	0.2	0.1	0.4	3.6
Cadmium	MG/KG	ND	NA	NA	NA	NA
Calcium	MG/KG	1790 J	1200.3	814.5	2573.4	287415033.3
Chromium	MG/KG	11.8	8.8	4.5	16.3	696.6
Cobalt	MG/KG	1.7	0.9	0.7	2.1	82.1
Copper	MG/KG	1.7	1.4	0.5	2.3	10.7
Iron	MG/KG	4550 J	3280.0	1784.3	6288.1	740079.5
Lead	MG/KG	8.3	6.7	2.5	10.9	51.6
Magnesium	MG/KG	412	254.3	183.6	563.7	118826322.3
Manganese	MG/KG	9.8	6.2	4.1	13.0	12405.8
Mercury	MG/KG	ND	NA	NA	NA	NA
Nickel	MG/KG	2.2	1.7	0.8	3.0	35.1
Potassium	MG/KG	253 J	171.6	100.1	340.4	59969.0
Selenium	MG/KG	ND	NA	NA	NA	NA
Silver	MG/KG	ND	NA	NA	NA	NA
Sodium	MG/KG	ND	NA	NA	NA	NA
Thallium	MG/KG	ND	NA	NA	NA	NA
Vanadium	MG/KG	11.5	8.9	4.3	16.1	476.7
Zinc	MG/KG	4.4	3.3	1.7	6.2	315.4

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD01-06	28-CC-SD01-612	28-CC-SD02-06	28-CC-SD02-612	28-CC-SD03-06	28-CC-SD03-612
Laboratory Sample ID:		940241-18	940241-19	940246-05	940246-06	940248-26	940248-27
Date Sampled:		3/26/94	3/26/94	3/27/94	3/27/94	3/28/94	3/28/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Bromomethane	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Vinyl chloride	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Chloroethane	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Methylene chloride	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Acetone	UG/KG	16 U	44 U	22 U	45 U	7 J	7 U
Carbon Disulfide	UG/KG	13 U	9 J	6 U	7 U	7 U	7 U
1,1-Dichloroethene	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
1,1-Dichloroethane	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
1,2-Dichloroethene(total)	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Chloroform	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
1,2-Dichloroethane	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
2-Butanone	UG/KG	13 U	12 U	6 U	9 J	7 U	7 U
1,1,1-Trichloroethane	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Carbon tetrachloride	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Bromodichloromethane	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
1,2-Dichloropropane	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
cis-1,3-Dichloropropene	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Trichloroethene	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Dibromochloromethane	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
1,1,2-Trichloroethane	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Benzene	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
trans-1,3-Dichloropropene	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Bromoform	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
4-Methyl-2-pentanone	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
2-Hexanone	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Tetrachloroethene	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
1,1,2,2-Tetrachloroethane	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Toluene	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Chlorobenzene	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Ethylbenzene	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Styrene	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U
Xylenes (total)	UG/KG	13 U	12 U	6 U	7 U	7 U	7 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD01-06	28-CC-SD01-612	28-CC-SD02-06	28-CC-SD02-612	28-CC-SD03-06	28-CC-SD03-612
Laboratory Sample ID:		940241-18	940241-19	940246-05	940246-06	940248-26	940248-27
Date Sampled:		3/26/94	3/26/94	3/27/94	3/27/94	3/28/94	3/28/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	495 U	600 U	205 U	220 U	210 U	215 U
bis(2-Chloroethyl) ether	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
2-Chlorophenol	UG/KG	495 U	600 U	205 U	220 U	210 U	215 U
1,3-Dichlorobenzene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
1,4-Dichlorobenzene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
1,2-Dichlorobenzene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
2-Methylphenol	UG/KG	495 U	600 U	205 U	220 U	210 U	215 U
2,2'-oxybis-(1-chloropropane)	UG/KG	495 UJ	600 UJ	205 UJ	220 U	210 U	215 U
4-Methylphenol	UG/KG	495 U	600 U	205 U	220 U	210 U	215 U
N-Nitroso-di-n-propylamine	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
Hexachloroethane	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
Nitrobenzene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
Isophorone	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
2-Nitrophenol	UG/KG	495 U	600 U	205 U	220 U	210 U	215 U
2,4-Dimethylphenol	UG/KG	495 U	600 U	205 U	220 U	210 U	215 U
bis(2-Chloroethoxy) methane	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
2,4-Dichlorophenol	UG/KG	495 U	600 U	205 U	220 U	210 U	215 U
1,2,4-Trichlorobenzene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
Naphthalene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
4-Chloroaniline	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
Hexachlorobutadiene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
4-Chloro-3-methylphenol	UG/KG	495 U	600 U	205 U	220 U	210 U	215 U
2-Methylnaphthalene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
Hexachlorocyclopentadiene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
2,4,6-Trichlorophenol	UG/KG	495 U	600 U	205 U	220 U	210 U	215 U
2,4,5-Trichlorophenol	UG/KG	1200 U	1450 U	500 U	550 U	500 U	500 U
2-Chloronaphthalene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
2-Nitroaniline	UG/KG	1200 U	1450 U	500 UJ	550 U	500 U	500 U
Dimethyl phthalate	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
Acenaphthylene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
2,6-Dinitrotoluene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
3-Nitroaniline	UG/KG	1200 U	1450 U	500 UJ	550 U	500 U	500 U
Acenaphthene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD01-06	28-CC-SD01-612	28-CC-SD02-06	28-CC-SD02-612	28-CC-SD03-06	28-CC-SD03-612
Laboratory Sample ID:		940241-18	940241-19	940246-05	940246-06	940248-26	940248-27
Date Sampled:		3/26/94	3/26/94	3/27/94	3/27/94	3/28/94	3/28/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	1200 U	1450 U	500 U	550 U	500 U	500 U
4-Nitrophenol	UG/KG	1200 U	1450 U	500 U	550 U	500 U	500 U
Dibenzofuran	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
2,4-Dinitrotoluene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
Diethylphthalate	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
4-Chlorophenyl phenyl ether	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
Fluorene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
4-Nitroaniline	UG/KG	1200 U	1450 U	500 UJ	550 U	500 U	500 U
4,6-Dinitro-2-methylphenol	UG/KG	1200 U	1450 U	500 U	550 U	500 U	500 U
N-nitrosodiphenylamine	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
4-Bromophenyl-phenylether	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
Hexachlorobenzene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
Pentachlorophenol	UG/KG	1200 U	1450 U	500 U	550 U	500 U	500 U
Phenanthrene	UG/KG	495 U	600 U	205 UJ	220 U	260 J	215 U
Anthracene	UG/KG	495 U	600 U	205 UJ	220 U	61 J	215 U
Carbazole	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
di-n-Butylphthalate	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
Fluoranthene	UG/KG	495 U	600 U	81 J	220 U	340 J	77 J
Pyrene	UG/KG	140 J	140 J	73 J	220 U	250 J	63 J
Butyl benzyl phthalate	UG/KG	495 U	600 U	410 J	220 U	210 U	215 U
3,3'-Dichlorobenzidine	UG/KG	495 U	600 U	410 J	220 U	210 U	215 U
Benzo[a]anthracene	UG/KG	495 U	600 U	56 J	220 U	140 J	215 U
Chrysene	UG/KG	495 U	600 U	58 J	220 U	160 J	215 U
bis(2-Ethylhexyl)phthalate	UG/KG	495 U	600 U	140 J	250 J	300 J	210 J
di-n-Octylphthalate	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
Benzo[b]fluoranthene	UG/KG	495 U	600 U	63 J	220 U	210 U	215 U
Benzo[k]fluoranthene	UG/KG	495 U	600 U	42 J	220 U	210 U	215 U
Benzo[a]pyrene	UG/KG	495 U	600 U	47 J	220 U	140 J	215 U
Indeno[1,2,3-cd]pyrene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
Dibenz[a,h]anthracene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U
Benzo[g,h,i]perylene	UG/KG	495 U	600 U	205 UJ	220 U	210 U	215 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD01-06	28-CC-SD01-612	28-CC-SD02-06	28-CC-SD02-612	28-CC-SD03-06	28-CC-SD03-612
Laboratory Sample ID:		940241-18	940241-19	940246-05	940246-06	940248-26	940248-27
Date Sampled:		3/26/94	3/26/94	3/27/94	3/27/94	3/28/94	3/28/94
PESTICIDES/PCBs	UNITS						
alpha-BHC	UG/KG	26 U	31 U	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
beta-BHC	UG/KG	26 U	31 U	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
delta-BHC	UG/KG	26 U	31 U	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
Lindane (gamma-BHC)	UG/KG	26 U	31 U	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
Heptachlor	UG/KG	26 U	31 U	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
Aldrin	UG/KG	26 U	31 U	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
Heptachlor epoxide	UG/KG	26 U	31 U	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
Endosulfan I	UG/KG	26 U	31 U	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
Dieldrin	UG/KG	50 U	60 U	2.1 U	2.2 UJ	2.1 UJ	2.2 UJ
4,4'-DDE	UG/KG	160 J	200 J	2.1 U	9.5 J	6.4 J	2.2 UJ
Endrin	UG/KG	50 U	60 U	2.1 U	2.2 UJ	2.1 UJ	2.2 UJ
Endosulfan II	UG/KG	50 U	60 U	2.1 U	2.2 UJ	2.1 UJ	2.2 UJ
4,4'-DDD	UG/KG	370	450 J	2.1 U	2.2 UJ	13 J	4.3 J
Endosulfan sulfate	UG/KG	50 U	60 U	2.1 U	2.2 UJ	2.1 UJ	2.2 UJ
4,4'-DDT	UG/KG	50 U	60 U	2.1 U	2.2 UJ	2.1 UJ	2.2 UJ
Methoxychlor	UG/KG	255 U	305 U	11 U	11 UJ	11 UJ	11 UJ
Endrin ketone	UG/KG	50 U	60 U	2.1 U	2.2 UJ	2.1 UJ	2.2 UJ
Endrin aldehyde	UG/KG	50 U	60 U	2.1 U	2.2 UJ	2.1 UJ	2.2 UJ
alpha-Chlordane	UG/KG	26 U	31 U	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
gamma-Chlordane	UG/KG	26 U	31 U	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
Toxaphene	UG/KG	2550 U	3050 U	105 U	110 UJ	110 UJ	110 UJ
Aroclor 1016	UG/KG	495 U	600 U	21 U	22 UJ	21 UJ	22 UJ
Aroclor 1221	UG/KG	1000 U	1200 U	42 U	44 UJ	43 UJ	44 UJ
Aroclor 1232	UG/KG	495 U	600 U	21 U	22 UJ	21 UJ	22 UJ
Aroclor 1242	UG/KG	495 U	600 U	21 U	22 UJ	21 UJ	22 UJ
Aroclor 1248	UG/KG	495 U	600 U	21 U	22 UJ	21 UJ	22 UJ
Aroclor 1254	UG/KG	495 U	600 U	21 U	22 UJ	21 UJ	22 UJ
Aroclor 1260	UG/KG	495 U	600 U	21 U	22 UJ	21 UJ	22 UJ

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD04-06	28-CC-SD04-612	28-CC-SD05-06	28-CC-SD05-612	28-CC-SD06-06	28-CC-SD06-612
Laboratory Sample ID:		940248-28	940248-30	940246-07	940246-08	940246-09	940246-10
Date Sampled:		3/28/94	3/28/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Bromomethane	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Vinyl chloride	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Chloroethane	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Methylene chloride	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Acetone	UG/KG	46 J	58 J	55 U	48 U	12 U	105 U
Carbon Disulfide	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
1,1-Dichloroethene	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
1,1-Dichloroethane	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
1,2-Dichloroethene(total)	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Chloroform	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
1,2-Dichloroethane	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
2-Butanone	UG/KG	16 J	14 J	25 U	42 U	9 U	34 U
1,1,1-Trichloroethane	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Carbon tetrachloride	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Bromodichloromethane	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
1,2-Dichloropropane	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
cis-1,3-Dichloropropene	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Trichloroethene	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Dibromochloromethane	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
1,1,2-Trichloroethane	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Benzene	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
trans-1,3-Dichloropropene	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Bromoform	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
4-Methyl-2-pentanone	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
2-Hexanone	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Tetrachloroethene	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
1,1,2,2-Tetrachloroethane	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Toluene	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Chlorobenzene	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Ethylbenzene	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Styrene	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U
Xylenes (total)	UG/KG	9 U	8 U	25 U	42 U	9 U	34 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD04-06	28-CC-SD04-612	28-CC-SD05-06	28-CC-SD05-612	28-CC-SD06-06	28-CC-SD06-612
Laboratory Sample ID:		940248-28	940248-30	940246-07	940246-08	940246-09	940246-10
Date Sampled:		3/28/94	3/28/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	215 U	210 U	800 U	1350 U	285 U	1100 U
bis(2-Chloroethyl) ether	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
2-Chlorophenol	UG/KG	215 U	210 U	800 U	1350 U	285 U	1100 U
1,3-Dichlorobenzene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
1,4-Dichlorobenzene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
1,2-Dichlorobenzene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
2-Methylphenol	UG/KG	215 U	210 U	800 U	1350 U	285 U	1100 U
2,2'-oxybis-(1-chloropropane)	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
4-Methylphenol	UG/KG	215 U	210 U	800 U	1350 U	285 U	1100 U
N-Nitroso-di-n-propylamine	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Hexachloroethane	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Nitrobenzene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Isophorone	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
2-Nitrophenol	UG/KG	215 U	210 U	800 U	1350 U	285 U	1100 U
2,4-Dimethylphenol	UG/KG	215 U	210 U	800 U	1350 U	285 U	1100 U
bis(2-Chloroethoxy) methane	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
2,4-Dichlorophenol	UG/KG	215 U	210 U	800 U	1350 U	285 U	1100 U
1,2,4-Trichlorobenzene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Naphthalene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
4-Chloroaniline	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Hexachlorobutadiene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
4-Chloro-3-methylphenol	UG/KG	215 U	210 U	800 U	1350 U	285 U	1100 U
2-Methylnaphthalene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Hexachlorocyclopentadiene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
2,4,6-Trichlorophenol	UG/KG	215 U	210 U	800 U	1350 U	285 U	1100 U
2,4,5-Trichlorophenol	UG/KG	500 U	500 U	1950 U	3300 U	700 U	2650 U
2-Chloronaphthalene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
2-Nitroaniline	UG/KG	500 U	500 U	1950 U	3300 UJ	700 U	2650 U
Dimethyl phthalate	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Acenaphthylene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
2,6-Dinitrotoluene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
3-Nitroaniline	UG/KG	500 U	500 U	1950 U	3300 UJ	700 U	2650 U
Acenaphthene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD04-06	28-CC-SD04-612	28-CC-SD05-06	28-CC-SD05-612	28-CC-SD06-06	28-CC-SD06-612
Laboratory Sample ID:		940248-28	940248-30	940246-07	940246-08	940246-09	940246-10
Date Sampled:		3/28/94	3/28/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	500 U	500 U	1950 U	3300 U	700 U	2650 U
4-Nitrophenol	UG/KG	500 U	500 U	1950 U	3300 U	700 U	2650 U
Dibenzofuran	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
2,4-Dinitrotoluene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Diethylphthalate	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
4-Chlorophenyl phenyl ether	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Fluorene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
4-Nitroaniline	UG/KG	500 U	500 U	1950 U	3300 UJ	700 U	2650 U
4,6-Dinitro-2-methylphenol	UG/KG	500 U	500 U	1950 U	3300 U	700 U	2650 U
N-nitrosodiphenylamine	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
4-Bromophenyl-phenylether	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Hexachlorobenzene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Pentachlorophenol	UG/KG	500 U	500 U	1950 U	3300 U	700 U	2650 U
Phenanthrene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Anthracene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Carbazole	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
di-n-Butylphthalate	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Fluoranthene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Pyrene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Butyl benzyl phthalate	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
3,3'-Dichlorobenzidine	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Benzo[a]anthracene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Chrysene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
bis(2-Ethylhexyl)phthalate	UG/KG	110 J	200 J	220 J	480 J	100 J	1700 J
di-n-Octylphthalate	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Benzo[b]fluoranthene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Benzo[k]fluoranthene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Benzo[a]pyrene	UG/KG	440	500	240 J	1700 J	73 J	510 J
Indeno[1,2,3-cd]pyrene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Dibenz[a,h]anthracene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U
Benzo[g,h,i]perylene	UG/KG	215 U	210 U	800 U	1350 UJ	285 U	1100 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD04-06	28-CC-SD04-612	28-CC-SD05-06	28-CC-SD05-612	28-CC-SD06-06	28-CC-SD06-612
Laboratory Sample ID:		940248-28	940248-30	940246-07	940246-08	940246-09	940246-10
Date Sampled:		3/28/94	3/28/94	3/27/94	3/27/94	3/27/94	3/27/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	1.1 UJ	1.1 UJ	4.2 UJ	7 UJ	1.5 UJ	6 UJ
beta-BHC	UG/KG	1.1 UJ	1.1 UJ	4.2 UJ	7 UJ	1.5 UJ	6 UJ
delta-BHC	UG/KG	1.1 UJ	1.1 UJ	4.2 UJ	7 UJ	1.5 UJ	6 UJ
Lindane (gamma-BHC)	UG/KG	1.1 UJ	1.1 UJ	4.2 UJ	7 UJ	1.5 UJ	6 UJ
Heptachlor	UG/KG	1.1 UJ	1.1 UJ	4.2 UJ	7 UJ	1.5 UJ	6 UJ
Aldrin	UG/KG	1.1 UJ	1.1 UJ	4.2 UJ	7 UJ	1.5 UJ	6 UJ
Heptachlor epoxide	UG/KG	1.1 UJ	1.1 UJ	4.2 UJ	7 UJ	1.5 UJ	6 UJ
Endosulfan I	UG/KG	1.1 UJ	1.1 UJ	4.2 UJ	7 UJ	1.5 UJ	6 UJ
Dieldrin	UG/KG	2.2 UJ	2.1 UJ	8 UJ	14 UJ	2.9 UJ	11 UJ
4,4'-DDE	UG/KG	2.2 UJ	2.1 UJ	28 J	14 UJ	23 J	20 J
Endrin	UG/KG	2.2 UJ	2.1 UJ	8 UJ	14 UJ	2.9 UJ	11 UJ
Endosulfan II	UG/KG	2.2 UJ	2.1 UJ	8 UJ	14 UJ	2.9 UJ	11 UJ
4,4'-DDD	UG/KG	2.2 UJ	2.1 UJ	8 UJ	14 UJ	2.9 UJ	38 J
Endosulfan sulfate	UG/KG	2.2 UJ	2.1 UJ	8 UJ	14 UJ	2.9 UJ	11 UJ
4,4'-DDT	UG/KG	2.2 UJ	2.1 UJ	8 UJ	14 UJ	2.9 UJ	11 UJ
Methoxychlor	UG/KG	11 UJ	11 UJ	42 UJ	70 UJ	15 UJ	55 UJ
Endrin ketone	UG/KG	2.2 UJ	2.1 UJ	8 UJ	14 UJ	2.9 UJ	11 UJ
Endrin aldehyde	UG/KG	2.2 UJ	2.1 UJ	8 UJ	14 UJ	2.9 UJ	11 UJ
alpha-Chlordane	UG/KG	1.1 UJ	2.6 NJ	4.2 UJ	7 UJ	5.9 NJ	6 UJ
gamma-Chlordane	UG/KG	1.1 UJ	1.1 UJ	4.2 UJ	7 UJ	6.1 J	6 UJ
Toxaphene	UG/KG	110 UJ	110 UJ	420 UJ	700 UJ	145 UJ	550 UJ
Aroclor 1016	UG/KG	22 UJ	21 UJ	80 UJ	135 UJ	29 UJ	110 UJ
Aroclor 1221	UG/KG	44 UJ	43 UJ	165 UJ	275 UJ	60 UJ	220 UJ
Aroclor 1232	UG/KG	22 UJ	21 UJ	80 UJ	135 UJ	29 UJ	110 UJ
Aroclor 1242	UG/KG	22 UJ	21 UJ	80 UJ	135 UJ	29 UJ	110 UJ
Aroclor 1248	UG/KG	22 UJ	21 UJ	80 UJ	135 UJ	29 UJ	110 UJ
Aroclor 1254	UG/KG	22 UJ	21 UJ	80 UJ	135 UJ	29 UJ	110 UJ
Aroclor 1260	UG/KG	22 UJ	21 UJ	80 UJ	135 UJ	29 UJ	110 UJ

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD07-06	28-CC-SD07-612
Laboratory Sample ID:		940246-11	940246-12
Date Sampled:		3/27/94	3/27/94
	UNITS		
VOLATILES			
Chloromethane	UG/KG	19 U	55 U
Bromomethane	UG/KG	19 U	55 U
Vinyl chloride	UG/KG	19 U	55 U
Chloroethane	UG/KG	19 U	55 U
Methylene chloride	UG/KG	19 U	55 U
Acetone	UG/KG	90 U	90 U
Carbon Disulfide	UG/KG	13 J	55 U
1,1-Dichloroethene	UG/KG	19 U	55 U
1,1-Dichloroethane	UG/KG	19 U	55 U
1,2-Dichloroethene(total)	UG/KG	19 U	55 U
Chloroform	UG/KG	19 U	55 U
1,2-Dichloroethane	UG/KG	19 U	55 U
2-Butanone	UG/KG	38 J	55 U
1,1,1-Trichloroethane	UG/KG	19 U	55 U
Carbon tetrachloride	UG/KG	19 U	55 U
Bromodichloromethane	UG/KG	19 U	55 U
1,2-Dichloropropane	UG/KG	19 U	55 U
cis-1,3-Dichloropropene	UG/KG	19 U	55 U
Trichloroethene	UG/KG	19 U	55 U
Dibromochloromethane	UG/KG	19 U	55 U
1,1,2-Trichloroethane	UG/KG	19 U	55 U
Benzene	UG/KG	19 U	55 U
trans-1,3-Dichloropropene	UG/KG	19 U	55 U
Bromoform	UG/KG	19 U	55 U
4-Methyl-2-pentanone	UG/KG	19 U	55 U
2-Hexanone	UG/KG	19 U	55 U
Tetrachloroethene	UG/KG	19 U	55 U
1,1,2,2-Tetrachloroethane	UG/KG	19 U	55 U
Toluene	UG/KG	19 U	55 U
Chlorobenzene	UG/KG	19 U	55 U
Ethylbenzene	UG/KG	19 U	55 U
Styrene	UG/KG	19 U	55 U
Xylenes (total)	UG/KG	19 U	55 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD07-06	28-CC-SD07-612
Laboratory Sample ID:		940246-11	940246-12
Date Sampled:		3/27/94	3/27/94
	UNITS		
SEMIVOLATILES			
Phenol	UG/KG	650 U	1150 U
bis(2-Chloroethyl) ether	UG/KG	650 U	1150 U
2-Chlorophenol	UG/KG	650 U	1150 U
1,3-Dichlorobenzene	UG/KG	650 U	1150 U
1,4-Dichlorobenzene	UG/KG	650 U	1150 U
1,2-Dichlorobenzene	UG/KG	650 U	1150 U
2-Methylphenol	UG/KG	650 U	1150 U
2,2'-oxybis-(1-chloropropane)	UG/KG	650 U	1150 U
4-Methylphenol	UG/KG	650 U	1150 U
N-Nitroso-di-n-propylamine	UG/KG	650 U	1150 U
Hexachloroethane	UG/KG	650 U	1150 U
Nitrobenzene	UG/KG	650 U	1150 U
Isophorone	UG/KG	650 U	1150 U
2-Nitrophenol	UG/KG	650 U	1150 U
2,4-Dimethylphenol	UG/KG	650 U	1150 U
bis(2-Chloroethoxy) methane	UG/KG	650 U	1150 U
2,4-Dichlorophenol	UG/KG	650 U	1150 U
1,2,4-Trichlorobenzene	UG/KG	650 U	1150 U
Naphthalene	UG/KG	650 U	1150 U
4-Chloroaniline	UG/KG	650 U	1150 U
Hexachlorobutadiene	UG/KG	650 U	1150 U
4-Chloro-3-methylphenol	UG/KG	650 U	1150 U
2-Methylnaphthalene	UG/KG	650 U	1150 U
Hexachlorocyclopentadiene	UG/KG	650 U	1150 U
2,4,6-Trichlorophenol	UG/KG	650 U	1150 U
2,4,5-Trichlorophenol	UG/KG	1550 U	2800 U
2-Chloronaphthalene	UG/KG	650 U	1150 U
2-Nitroaniline	UG/KG	1550 U	2800 U
Dimethyl phthalate	UG/KG	650 U	1150 U
Acenaphthylene	UG/KG	650 U	1150 U
2,6-Dinitrotoluene	UG/KG	650 U	1150 U
3-Nitroaniline	UG/KG	1550 U	2800 U
Acenaphthene	UG/KG	650 U	1150 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:	28-CC-SD07-06	28-CC-SD07-612
Laboratory Sample ID:	940246-11	940246-12
Date Sampled:	3/27/94	3/27/94

	UNITS		
SEMIVOLATILES Cont.			
2,4-Dinitrophenol	UG/KG	1550 U	2800 U
4-Nitrophenol	UG/KG	1550 U	2800 U
Dibenzofuran	UG/KG	650 U	1150 U
2,4-Dinitrotoluene	UG/KG	650 U	1150 U
Diethylphthalate	UG/KG	650 U	1150 U
4-Chlorophenyl phenyl ether	UG/KG	650 U	1150 U
Fluorene	UG/KG	650 U	1150 U
4-Nitroaniline	UG/KG	1550 U	2800 U
4,6-Dinitro-2-methylphenol	UG/KG	1550 U	2800 U
N-nitrosodiphenylamine	UG/KG	650 U	1150 U
4-Bromophenyl-phenylether	UG/KG	650 U	1150 U
Hexachlorobenzene	UG/KG	650 U	1150 U
Pentachlorophenol	UG/KG	1550 U	2800 U
Phenanthrene	UG/KG	650 U	1150 U
Anthracene	UG/KG	650 U	1150 U
Carbazole	UG/KG	650 U	1150 U
di-n-Butylphthalate	UG/KG	650 U	1150 U
Fluoranthene	UG/KG	650 U	1150 U
Pyrene	UG/KG	650 U	1150 U
Butyl benzyl phthalate	UG/KG	650 U	1150 U
3,3'-Dichlorobenzidine	UG/KG	650 U	1150 U
Benzo[a]anthracene	UG/KG	650 U	1150 U
Chrysene	UG/KG	650 U	1150 U
bis(2-Ethylhexyl)phthalate	UG/KG	740 J	240 J
di-n-Octylphthalate	UG/KG	650 U	1150 U
Benzo[b]fluoranthene	UG/KG	650 U	1150 U
Benzo[k]fluoranthene	UG/KG	650 U	1150 U
Benzo[a]pyrene	UG/KG	650 U	700 J
Indeno[1,2,3-cd]pyrene	UG/KG	650 U	1150 U
Dibenz[a,h]anthracene	UG/KG	650 U	1150 U
Benzo[g,h,i]perylene	UG/KG	650 U	1150 U

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-CC-SD07-06	28-CC-SD07-612
Laboratory Sample ID:		940246-11	940246-12
Date Sampled:		3/27/94	3/27/94
	UNITS		
PESTICIDES/PCBs			
alpha-BHC	UG/KG	3.3 UJ	6 UJ
beta-BHC	UG/KG	3.3 UJ	6 UJ
delta-BHC	UG/KG	3.3 UJ	6 UJ
Lindane (gamma-BHC)	UG/KG	3.3 UJ	6 UJ
Heptachlor	UG/KG	3.3 UJ	6 UJ
Aldrin	UG/KG	3.3 UJ	6 UJ
Heptachlor epoxide	UG/KG	3.3 UJ	6 UJ
Endosulfan I	UG/KG	3.3 UJ	6 UJ
Dieldrin	UG/KG	7 UJ	12 UJ
4,4'-DDE	UG/KG	12 J	9 J
Endrin	UG/KG	7 UJ	12 UJ
Endosulfan II	UG/KG	7 UJ	12 UJ
4,4'-DDD	UG/KG	37 J	16 J
Endosulfan sulfate	UG/KG	7 UJ	12 UJ
4,4'-DDT	UG/KG	50 J	12 UJ
Methoxychlor	UG/KG	33 UJ	60 UJ
Endrin ketone	UG/KG	7 UJ	12 UJ
Endrin aldehyde	UG/KG	7 UJ	12 UJ
alpha-Chlordane	UG/KG	3.3 UJ	6 UJ
gamma-Chlordane	UG/KG	8.4 J	6 UJ
Toxaphene	UG/KG	325 UJ	600 UJ
Aroclor 1016	UG/KG	65 UJ	115 UJ
Aroclor 1221	UG/KG	130 UJ	235 UJ
Aroclor 1232	UG/KG	65 UJ	115 UJ
Aroclor 1242	UG/KG	65 UJ	115 UJ
Aroclor 1248	UG/KG	65 UJ	115 UJ
Aroclor 1254	UG/KG	65 UJ	115 UJ
Aroclor 1260	UG/KG	65 UJ	115 UJ

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/KG	ND	NA	NA	NA	NA
Bromomethane	UG/KG	ND	NA	NA	NA	NA
Vinyl chloride	UG/KG	ND	NA	NA	NA	NA
Chloroethane	UG/KG	ND	NA	NA	NA	NA
Methylene chloride	UG/KG	ND	NA	NA	NA	NA
Acetone	UG/KG	58 J	46.0	32.0	61.1	105.7
Carbon Disulfide	UG/KG	13 J	17.2	15.6	24.5	28.6
1,1-Dichloroethene	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/KG	ND	NA	NA	NA	NA
Chloroform	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
2-Butanone	UG/KG	38 J	20.3	15.7	27.7	34.7
1,1,1-Trichloroethane	UG/KG	ND	NA	NA	NA	NA
Carbon tetrachloride	UG/KG	ND	NA	NA	NA	NA
Bromodichloromethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/KG	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Trichloroethene	UG/KG	ND	NA	NA	NA	NA
Dibromochloromethane	UG/KG	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/KG	ND	NA	NA	NA	NA
Benzene	UG/KG	ND	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Bromoform	UG/KG	ND	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/KG	ND	NA	NA	NA	NA
2-Hexanone	UG/KG	ND	NA	NA	NA	NA
Tetrachloroethene	UG/KG	ND	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	ND	NA	NA	NA	NA
Toluene	UG/KG	ND	NA	NA	NA	NA
Chlorobenzene	UG/KG	ND	NA	NA	NA	NA
Ethylbenzene	UG/KG	ND	NA	NA	NA	NA
Styrene	UG/KG	ND	NA	NA	NA	NA
Xylenes (total)	UG/KG	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/KG	ND	NA	NA	NA	NA
2-Chlorophenol	UG/KG	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
2-Methylphenol	UG/KG	ND	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/KG	ND	NA	NA	NA	NA
4-Methylphenol	UG/KG	ND	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/KG	ND	NA	NA	NA	NA
Hexachloroethane	UG/KG	ND	NA	NA	NA	NA
Nitrobenzene	UG/KG	ND	NA	NA	NA	NA
Isophorone	UG/KG	ND	NA	NA	NA	NA
2-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
2,4-Dimethylphenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/KG	ND	NA	NA	NA	NA
2,4-Dichlorophenol	UG/KG	ND	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	ND	NA	NA	NA	NA
Naphthalene	UG/KG	ND	NA	NA	NA	NA
4-Chloroaniline	UG/KG	ND	NA	NA	NA	NA
Hexachlorobutadiene	UG/KG	ND	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/KG	ND	NA	NA	NA	NA
2-Methylnaphthalene	UG/KG	ND	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/KG	ND	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2-Chloronaphthalene	UG/KG	ND	NA	NA	NA	NA
2-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Dimethyl phthalate	UG/KG	ND	NA	NA	NA	NA
Acenaphthylene	UG/KG	ND	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
3-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Acenaphthene	UG/KG	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	ND	NA	NA	NA	NA
4-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
Dibenzofuran	UG/KG	ND	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
Diethylphthalate	UG/KG	ND	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/KG	ND	NA	NA	NA	NA
Fluorene	UG/KG	ND	NA	NA	NA	NA
4-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/KG	ND	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/KG	ND	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/KG	ND	NA	NA	NA	NA
Hexachlorobenzene	UG/KG	ND	NA	NA	NA	NA
Pentachlorophenol	UG/KG	ND	NA	NA	NA	NA
Phenanthrene	UG/KG	260 J	553.9	402.2	744.3	925.0
Anthracene	UG/KG	61 J	539.7	416.6	736.9	1107.5
Carbazole	UG/KG	ND	NA	NA	NA	NA
di-n-Butylphthalate	UG/KG	ND	NA	NA	NA	NA
Fluoranthene	UG/KG	340 J	540.9	418.2	738.9	1209.2
Pyrene	UG/KG	250 J	474.7	446.7	686.1	1254.3
Butyl benzyl phthalate	UG/KG	410 J	565.0	395.3	752.1	934.8
3,3'-Dichlorobenzidine	UG/KG	410 J	565.0	395.3	752.1	934.8
Benzo[a]anthracene	UG/KG	140 J	534.7	421.4	734.2	1193.0
Chrysene	UG/KG	160 J	536.3	419.8	735.0	1175.0
bis(2-Ethylhexyl)phthalate	UG/KG	1700 J	413.2	417.6	610.9	700.9
di-n-Octylphthalate	UG/KG	ND	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/KG	63 J	540.2	416.1	737.2	1100.3
Benzo[k]fluoranthene	UG/KG	42 J	538.7	418.0	736.6	1249.5
Benzo[a]pyrene	UG/KG	1700 J	466.4	415.5	663.1	1079.3
Indeno[1,2,3-cd]pyrene	UG/KG	ND	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/KG	ND	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/KG	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
PESTICIDES/PCBs						
alpha-BHC	UG/KG	ND	NA	NA	NA	NA
beta-BHC	UG/KG	ND	NA	NA	NA	NA
delta-BHC	UG/KG	ND	NA	NA	NA	NA
Lindane (gamma-BHC)	UG/KG	ND	NA	NA	NA	NA
Heptachlor	UG/KG	ND	NA	NA	NA	NA
Aldrin	UG/KG	ND	NA	NA	NA	NA
Heptachlor epoxide	UG/KG	ND	NA	NA	NA	NA
Endosulfan I	UG/KG	ND	NA	NA	NA	NA
Dieldrin	UG/KG	ND	NA	NA	NA	NA
4,4'-DDE	UG/KG	200 J	35.0	62.5	64.6	159.6
Endrin	UG/KG	ND	NA	NA	NA	NA
Endosulfan II	UG/KG	ND	NA	NA	NA	NA
4,4'-DDD	UG/KG	450 J	68.7	146.0	137.7	668.0
Endosulfan sulfate	UG/KG	ND	NA	NA	NA	NA
4,4'-DDT	UG/KG	50 J	15.6	20.9	25.5	63.5
Methoxychlor	UG/KG	ND	NA	NA	NA	NA
Endrin ketone	UG/KG	ND	NA	NA	NA	NA
Endrin aldehyde	UG/KG	ND	NA	NA	NA	NA
alpha-Chlordane	UG/KG	5.9 NJ	6.9	9.3	11.2	19.0
gamma-Chlordane	UG/KG	8.4 J	7.1	9.3	11.5	22.0
Toxaphene	UG/KG	ND	NA	NA	NA	NA
Aroclor 1016	UG/KG	ND	NA	NA	NA	NA
Aroclor 1221	UG/KG	ND	NA	NA	NA	NA
Aroclor 1232	UG/KG	ND	NA	NA	NA	NA
Aroclor 1242	UG/KG	ND	NA	NA	NA	NA
Aroclor 1248	UG/KG	ND	NA	NA	NA	NA
Aroclor 1254	UG/KG	ND	NA	NA	NA	NA
Aroclor 1260	UG/KG	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-CC-SD01-06	28-CC-SD01-612	28-CC-SD02-06	28-CC-SD02-612	28-CC-SD03-06	28-CC-SD03-612
Laboratory Sample ID:		940241-18	940241-19	940246-05	940246-06	940248-26	940248-27
Date Sampled:		3/26/94	3/26/94	3/27/94	3/27/94	3/28/94	3/28/94
Percent Solids		33.0	28.0	80.0	75.0	78.0	77.0
	UNITS						
Aluminum	MG/KG	29900	3920	678	2330	4020 J	403 J
Antimony	MG/KG	9.0 UJ	26.2 UJ	3.0 UJ	4.1 UJ		
Arsenic	MG/KG	11.9	2.3 UJ	0.67	1.8	1.5	0.39 U
Barium	MG/KG	37.3	12.0	2.7	3.8	8.7	2.1
Beryllium	MG/KG	0.57	0.8 U	0.09 U	0.12 U	0.12 U	0.13 U
Cadmium	MG/KG	2.2	2.3 U	0.27 U	0.36 U	0.7 U	0.48 U
Calcium	MG/KG	4990	8480	9390	173	1980 J	341 J
Chromium	MG/KG	47.2	5.4 U	2.7	6.0	9.6	2.5
Cobalt	MG/KG	3.2	3.1 U	0.36 U	0.48 U	0.48 U	0.5 U
Copper	MG/KG	47.2	4.6 U	2.2	2.7	43.7	4.1
Iron	MG/KG	27100	3700	1480	3100	6220 J	1680 J
Lead	MG/KG	130	12.7	7.8	6.8	69.7	30.7
Magnesium	MG/KG	4560	7480	223	259 J	482	79.6
Manganese	MG/KG	91.7	0.8 UJ	10.9 J	2.4 J	63.0	5.7 J
Mercury	MG/KG	0.41	0.19 U	0.03 U	0.03 U	0.29	0.03 U
Nickel	MG/KG	8.5	5.4 U	0.6 U	0.9 U	3.1	2.2
Potassium	MG/KG	2650 J	1020 J	70.1 J	199 J	337 J	19.5 U
Selenium	MG/KG	1.1 U	3.1 U	0.36 U	0.48 U	0.48 U	0.5 U
Silver	MG/KG	1.3 UJ	3.9 UJ	0.45 UJ	0.6 UJ	0.6 UJ	0.7 UJ
Sodium	MG/KG	5530	16800	232	194	529	226
Thallium	MG/KG	4.1	3.1 U	0.36 U	0.48 U	0.48 U	0.5 U
Vanadium	MG/KG	56.0	8.9	2.9	6.5	8.7	1.9
Zinc	MG/KG	222	25.0	19.1 J	9.3 J	105	26.6

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-CC-SD04-06	28-CC-SD04-612	28-CC-SD05-06	28-CC-SD05-612	28-CC-SD06-06	28-CC-SD06-612
Laboratory Sample ID:		940248-28	940248-30	940246-07	940246-08	940246-09	940246-10
Date Sampled:		3/28/94	3/28/94	3/27/94	3/27/94	3/27/94	3/27/94
Percent Solids		76.0	77.0	20.0	12.0	57.0	15.0
	UNITS						
Aluminum	MG/KG	864 J	3060 J	13700	6360	4320	4760
Antimony	MG/KG			16.2 UJ	25.7 UJ	3.7 UJ	3.7 UJ
Arsenic	MG/KG	0.40 U	2.1	6.4	2.3 U	1.0	1.2
Barium	MG/KG	47.8	59.4	29.7	22.6	10.4	11.5
Beryllium	MG/KG	0.13 U	0.12 U	0.48 U	0.8 U	0.11 U	0.11 U
Cadmium	MG/KG	0.7 U	1.8 U	1.5 U	2.3 U	0.32 U	0.32 U
Calcium	MG/KG	496 J	5470 J	8420	13000	2650	2050
Chromium	MG/KG	4.0	16.5	17.7	13.3	16.7	20.9
Cobalt	MG/KG	0.6 U	0.93	1.9 U	3.0 U	0.43 U	0.43 U
Copper	MG/KG	5.3	63.7	20.5	15.2	6.5	6.8
Iron	MG/KG	1980 J	36000 J	13300	11300	2510	2600
Lead	MG/KG	15.3	202	91.9	30.4	33.4	43.4
Magnesium	MG/KG	412	1210	3050	4640	717	247
Manganese	MG/KG	17.7	226	50.3 J	31.9 J	9.0 J	3.7 J
Mercury	MG/KG	0.03 U	0.25	0.29	0.17 U	0.12	0.15
Nickel	MG/KG	0.9 U	6.3	3.4 U	5.3 U	1.9	0.8 U
Potassium	MG/KG	129 J	161 J	685 J	476 J	171 J	167 J
Selenium	MG/KG	0.6 U	0.47 U	1.9 U	3.0 U	0.43 U	0.43 U
Silver	MG/KG	0.7 UJ	2.0 J	2.4 UJ	3.8 UJ	0.6 UJ	0.6 UJ
Sodium	MG/KG	104	133	2710	4590	359	154
Thallium	MG/KG	0.6 U	0.47 U	1.9 U	3.0 U	0.43 U	0.43 U
Vanadium	MG/KG	3.1	11.3	31.2	13.4	9.8	10.0
Zinc	MG/KG	22.0	303	94.7 J	36.6 J	36.1 J	39.0 J

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-CC-SD07-06	28-CC-SD07-612
Laboratory Sample ID:		940246-11	940246-12
Date Sampled:		3/27/94	3/27/94
Percent Solids		26.0	14.0
	UNITS		
Aluminum	MG/KG	12700	12000
Antimony	MG/KG	8.0 UJ	22.4 UJ
Arsenic	MG/KG	2.8	5.8
Barium	MG/KG	26.9	48.3
Beryllium	MG/KG	0.24 U	0.7 U
Cadmium	MG/KG	1.5	2.0 U
Calcium	MG/KG	3830	13700
Chromium	MG/KG	18.4	14.5
Cobalt	MG/KG	2.3	2.7 U
Copper	MG/KG	14.5	17.6
Iron	MG/KG	6780	16900
Lead	MG/KG	80.3	55.4
Magnesium	MG/KG	1650	4670
Manganese	MG/KG	16.3 J	31.3 J
Mercury	MG/KG	0.06 U	0.16 U
Nickel	MG/KG	1.7 U	4.6 U
Potassium	MG/KG	693 J	531 J
Selenium	MG/KG	1.0 U	2.7 U
Silver	MG/KG	1.2 UJ	3.3 UJ
Sodium	MG/KG	744	2480
Thallium	MG/KG	1.0 U	2.7 U
Vanadium	MG/KG	28.6	28.5
Zinc	MG/KG	70.2 J	100 J

SITE 28
HADNOT POINT BURN DUMP - COGDELS CREEK
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Percent Solids						
Aluminum	MG/KG	29900	7072.5	7923.5	10822.8	25022.4
Antimony	MG/KG	9 R	NA	NA	NA	NA
Arsenic	MG/KG	11.9	2.9	3.2	4.4	7.4
Barium	MG/KG	59.4	23.1	19.0	32.1	72.5
Beryllium	MG/KG	0.57	0.31	0.26	0.44	0.59
Cadmium	MG/KG	2.2	1.2	0.8	1.6	2.3
Calcium	MG/KG	13700	5355.0	4567.7	7517.0	32237.8
Chromium	MG/KG	47.2	14.0	11.5	19.4	27.6
Cobalt	MG/KG	3.2	1.4	1.2	2.0	2.9
Copper	MG/KG	63.7	18.2	19.4	27.4	51.0
Iron	MG/KG	36000 J	9617.9	10581.2	14626.2	25734.4
Lead	MG/KG	202	57.8	54.8	83.8	160.1
Magnesium	MG/KG	7480	2120.0	2349.3	3232.0	11733.4
Manganese	MG/KG	226	40.0	59.7	68.3	313.9
Mercury	MG/KG	0.41	0.16	0.12	0.21	0.38
Nickel	MG/KG	8.5	3.2	2.4	4.4	6.6
Potassium	MG/KG	2650 J	522.0	677.3	842.6	1792.3
Selenium	MG/KG	ND	NA	NA	NA	NA
Silver	MG/KG	2 J	1.6	1.3	2.2	2.8
Sodium	MG/KG	16800	2484.6	4490.3	4610.0	18114.2
Thallium	MG/KG	4.1	1.4	1.3	2.0	2.9
Vanadium	MG/KG	56	15.8	15.1	22.9	36.0
Zinc	MG/KG	303	79.2	85.3	119.6	174.7

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SD01-06	28-NR-SD01-612	28NR-SD02-06	28-NR-SD02-612	28NR-SD03-06	28-NR-SD03-612
Laboratory Sample ID:		940250-02	940250-03	940241-20	940241-21	940241-27	940241-28
Date Sampled:		3/28/94	3/28/94	3/26/94	3/26/94	3/25/94	3/25/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Bromomethane	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Chloroethane	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Methylene chloride	UG/KG	6 U	6 U	6 U	2 J	10 U	7 U
Acetone	UG/KG	6 U	6 U	6 U	8 U	26 J	11 J
Carbon Disulfide	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Chloroform	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
2-Butanone	UG/KG	6 U	6 U	6 U	7 U	7 J	7 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Trichloroethene	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Benzene	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Bromoform	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
2-Hexanone	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Toluene	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Styrene	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	7 U	10 U	7 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SD01-06	28-NR-SD01-612	28NR-SD02-06	28-NR-SD02-612	28NR-SD03-06	28-NR-SD03-612
Laboratory Sample ID:		940250-02	940250-03	940241-20	940241-21	940241-27	940241-28
Date Sampled:		3/28/94	3/28/94	3/26/94	3/26/94	3/25/94	3/25/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
bis(2-Chloroethyl) ether	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
2-Chlorophenol	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
1,3-Dichlorobenzene	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
1,4-Dichlorobenzene	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
1,2-Dichlorobenzene	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
2-Methylphenol	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
2,2'-oxybis-(1-chloropropane)	UG/KG	205 U	190 U	210 UJ	225 UJ	220 U	220 U
4-Methylphenol	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
N-Nitroso-di-n-propylamine	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
Hexachloroethane	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
Nitrobenzene	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
Isophorone	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
2-Nitrophenol	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
2,4-Dimethylphenol	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
bis(2-Chloroethoxy) methane	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
2,4-Dichlorophenol	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
1,2,4-Trichlorobenzene	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
Naphthalene	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
4-Chloroaniline	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
Hexachlorobutadiene	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
4-Chloro-3-methylphenol	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
2-Methylnaphthalene	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
Hexachlorocyclopentadiene	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
2,4,6-Trichlorophenol	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
2,4,5-Trichlorophenol	UG/KG	495 U	460 U	500 U	550 U	550 U	550 U
2-Chloronaphthalene	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
2-Nitroaniline	UG/KG	495 U	460 U	500 U	550 U	550 U	550 U
Dimethyl phthalate	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
Acenaphthylene	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
2,6-Dinitrotoluene	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
3-Nitroaniline	UG/KG	495 U	460 U	500 U	550 U	550 U	550 U
Acenaphthene	UG/KG	150 J	190 U	210 U	225 U	220 U	220 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SD01-06	28-NR-SD01-612	28NR-SD02-06	28-NR-SD02-612	28NR-SD03-06	28-NR-SD03-612
Laboratory Sample ID:		940250-02	940250-03	940241-20	940241-21	940241-27	940241-28
Date Sampled:		3/28/94	3/28/94	3/26/94	3/26/94	3/25/94	3/25/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	495 UJ	460 UJ	500 U	550 U	550 U	550 U
4-Nitrophenol	UG/KG	495 U	460 U	500 U	550 U	550 U	550 U
Dibenzofuran	UG/KG	60 J	190 U	210 U	225 U	220 U	220 U
2,4-Dinitrotoluene	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
Diethylphthalate	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
4-Chlorophenyl phenyl ether	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
Fluorene	UG/KG	120 J	190 U	210 U	225 U	220 U	220 U
4-Nitroaniline	UG/KG	495 U	460 U	500 U	550 U	550 U	550 U
4,6-Dinitro-2-methylphenol	UG/KG	495 UJ	460 UJ	500 U	550 U	550 U	550 U
N-nitrosodiphenylamine	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
4-Bromophenyl-phenylether	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
Hexachlorobenzene	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
Pentachlorophenol	UG/KG	495 U	460 U	500 U	550 U	550 U	550 U
Phenanthrene	UG/KG	1200	190 U	47 J	225 U	450	150 J
Anthracene	UG/KG	320 J	190 U	210 U	225 U	97 J	220 U
Carbazole	UG/KG	160 J	190 U	210 U	225 U	57 J	220 U
di-n-Butylphthalate	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
Fluoranthene	UG/KG	1600	190 U	80 J	225 U	910	300 J
Pyrene	UG/KG	1700	190 U	75 J	225 U	670	210 J
Butyl benzyl phthalate	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
3,3'-Dichlorobenzidine	UG/KG	205 U	190 U	210 U	225 U	220 U	220 U
Benzo[a]anthracene	UG/KG	890	190 U	210 U	225 U	440 J	150 J
Chrysene	UG/KG	790	190 U	210 U	225 U	400 J	160 J
bis(2-Ethylhexyl)phthalate	UG/KG	495 U	165 U	210 U	225 U	200 U	220 U
di-n-Octylphthalate	UG/KG	205 U	190 UJ	210 U	225 U	220 U	220 U
Benzo[b]fluoranthene	UG/KG	1100	190 UJ	55 J	225 U	450	150 J
Benzo[k]fluoranthene	UG/KG	470	190 UJ	210 U	225 U	290 J	120 J
Benzo[a]pyrene	UG/KG	710	190 UJ	210 U	225 U	400 J	130 J
Indeno[1,2,3-cd]pyrene	UG/KG	320 J	190 UJ	210 U	225 U	210 J	68 J
Dibenz[a,h]anthracene	UG/KG	205 U	190 UJ	210 U	225 U	47 J	220 U
Benzo[g,h,i]perylene	UG/KG	320 J	190 UJ	210 U	225 U	220 J	65 J

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28-NR-SD01-06	28-NR-SD01-612	28NR-SD02-06	28-NR-SD02-612	28NR-SD03-06	28-NR-SD03-612
Laboratory Sample ID:		940250-02	940250-03	940241-20	940241-21	940241-27	940241-28
Date Sampled:		3/28/94	3/28/94	3/26/94	3/26/94	3/25/94	3/25/94
	UNITS						
PESTICIDES/PCBs							
alpha-BHC	UG/KG	1.1 U	1.0 UJ	1.1 U	1.1 U	1.2 U	12 U
beta-BHC	UG/KG	1.1 U	1.0 UJ	1.1 U	1.1 U	1.2 U	12 U
delta-BHC	UG/KG	1.1 U	1.0 UJ	1.1 U	1.1 U	1.2 U	12 U
Lindane (gamma-BHC)	UG/KG	1.1 U	1.0 UJ	1.1 U	1.1 U	1.2 U	12 U
Heptachlor	UG/KG	1.1 U	1.0 UJ	1.1 U	1.1 U	1.2 U	12 U
Aldrin	UG/KG	1.1 U	1.0 UJ	1.1 U	1.1 U	1.2 U	12 U
Heptachlor epoxide	UG/KG	1.1 U	1.0 UJ	1.1 U	1.1 U	1.2 U	12 U
Endosulfan I	UG/KG	1.1 U	1.0 UJ	1.1 U	1.1 U	1.2 U	12 U
Dieldrin	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	2.2 U	22 U
4,4'-DDE	UG/KG	8.5	1.9 UJ	2.2 U	2.1 U	8.4	22 U
Endrin	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	2.2 U	22 U
Endosulfan II	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	2.2 U	22 U
4,4'-DDD	UG/KG	15	1.9 UJ	2.2 U	2.1 U	14 J	22 U
Endosulfan sulfate	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	2.2 U	22 U
4,4'-DDT	UG/KG	50	1.9 UJ	2.2 U	2.1 U	33	300
Methoxychlor	UG/KG	11 U	10 UJ	11 U	11 U	12 U	115 U
Endrin ketone	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	2.2 U	22 U
Endrin aldehyde	UG/KG	2.1 U	1.9 UJ	2.2 U	2.1 U	2.2 U	22 U
alpha-Chlordane	UG/KG	1.1 U	1.0 UJ	1.1 U	1.1 U	4.8	12 U
gamma-Chlordane	UG/KG	1.1 U	1.0 UJ	1.1 U	1.1 U	3.1 J	12 U
Toxaphene	UG/KG	105 U	95 UJ	110 U	105 U	115 U	1150 U
Aroclor 1016	UG/KG	21 U	19 UJ	22 U	21 U	22 U	220 U
Aroclor 1221	UG/KG	42 U	39 UJ	43 U	42 U	45 U	445 U
Aroclor 1232	UG/KG	21 U	19 UJ	22 U	21 U	22 U	220 U
Aroclor 1242	UG/KG	21 U	19 UJ	22 U	21 U	22 U	220 U
Aroclor 1248	UG/KG	21 U	19 UJ	22 U	21 U	22 U	220 U
Aroclor 1254	UG/KG	21 U	19 UJ	22 U	21 U	22 U	220 U
Aroclor 1260	UG/KG	21 U	19 UJ	22 U	21 U	22 U	220 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28NR-SD04-06	28-NR-SD04-612	28NR-SD05-06	28-NR-SD05-612
Laboratory Sample ID:		940241-29	940241-30	940241-31	940241-32
Date Sampled:		3/25/94	3/25/94	3/25/94	3/25/94
	UNITS				
VOLATILES					
Chloromethane	UG/KG	7 U	7 U	9 U	10 U
Bromomethane	UG/KG	7 U	7 U	9 U	10 U
Vinyl chloride	UG/KG	7 U	7 U	9 U	10 U
Chloroethane	UG/KG	7 U	7 U	9 U	10 U
Methylene chloride	UG/KG	7 U	7 U	9 U	10 U
Acetone	UG/KG	7 U	11 U	17 U	47 J
Carbon Disulfide	UG/KG	7 U	2 J	9 U	10 U
1,1-Dichloroethene	UG/KG	7 U	7 U	9 U	10 U
1,1-Dichloroethane	UG/KG	7 U	7 U	9 U	10 U
1,2-Dichloroethene(total)	UG/KG	7 U	7 U	9 U	10 U
Chloroform	UG/KG	7 U	7 U	9 U	10 U
1,2-Dichloroethane	UG/KG	7 U	7 U	9 U	10 U
2-Butanone	UG/KG	7 U	7 U	9 U	10 U
1,1,1-Trichloroethane	UG/KG	7 U	7 U	9 U	10 U
Carbon tetrachloride	UG/KG	7 U	7 U	9 U	10 U
Bromodichloromethane	UG/KG	7 U	7 U	9 U	10 U
1,2-Dichloropropane	UG/KG	7 U	7 U	9 U	10 U
cis-1,3-Dichloropropene	UG/KG	7 U	7 U	9 U	10 U
Trichloroethene	UG/KG	7 U	7 U	9 U	10 U
Dibromochloromethane	UG/KG	7 U	7 U	9 U	10 U
1,1,2-Trichloroethane	UG/KG	7 U	7 U	9 U	10 U
Benzene	UG/KG	7 U	7 U	9 U	10 U
trans-1,3-Dichloropropene	UG/KG	7 U	7 U	9 U	10 U
Bromoform	UG/KG	7 U	7 U	9 U	10 U
4-Methyl-2-pentanone	UG/KG	7 U	7 U	9 U	10 U
2-Hexanone	UG/KG	7 U	7 U	9 U	10 U
Tetrachloroethene	UG/KG	7 U	7 U	9 U	10 U
1,1,2,2-Tetrachloroethane	UG/KG	7 U	7 U	9 U	10 U
Toluene	UG/KG	7 U	7 U	9 U	10 U
Chlorobenzene	UG/KG	7 U	7 U	9 U	10 U
Ethylbenzene	UG/KG	7 U	7 U	9 U	10 U
Styrene	UG/KG	7 U	7 U	9 U	10 U
Xylenes (total)	UG/KG	7 U	7 U	9 U	10 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28NR-SD04-06	28-NR-SD04-612	28NR-SD05-06	28-NR-SD05-612
Laboratory Sample ID:		940241-29	940241-30	940241-31	940241-32
Date Sampled:		3/25/94	3/25/94	3/25/94	3/25/94
	UNITS				
SEMIVOLATILES					
Phenol	UG/KG	225 U	250 U	310 U	320 U
bis(2-Chloroethyl) ether	UG/KG	225 U	250 U	310 U	320 U
2-Chlorophenol	UG/KG	225 U	250 U	310 U	320 U
1,3-Dichlorobenzene	UG/KG	225 U	250 U	310 U	320 U
1,4-Dichlorobenzene	UG/KG	225 U	250 U	310 U	320 U
1,2-Dichlorobenzene	UG/KG	225 U	250 U	310 U	320 U
2-Methylphenol	UG/KG	225 U	250 U	310 U	320 U
2,2'-oxybis-(1-chloropropane)	UG/KG	225 U	250 U	310 U	320 U
4-Methylphenol	UG/KG	225 U	250 U	310 U	320 U
N-Nitroso-di-n-propylamine	UG/KG	225 U	250 U	310 U	320 U
Hexachloroethane	UG/KG	225 U	250 U	310 U	320 U
Nitrobenzene	UG/KG	225 U	250 U	310 U	320 U
Isophorone	UG/KG	225 U	250 U	310 U	320 U
2-Nitrophenol	UG/KG	225 U	250 U	310 U	320 U
2,4-Dimethylphenol	UG/KG	225 U	250 U	310 U	320 U
bis(2-Chloroethoxy) methane	UG/KG	225 U	250 U	310 U	320 U
2,4-Dichlorophenol	UG/KG	225 U	250 U	310 U	320 U
1,2,4-Trichlorobenzene	UG/KG	225 U	250 U	310 U	320 U
Naphthalene	UG/KG	225 U	250 U	310 U	320 U
4-Chloroaniline	UG/KG	225 U	250 U	310 U	320 U
Hexachlorobutadiene	UG/KG	225 U	250 U	310 U	320 U
4-Chloro-3-methylphenol	UG/KG	225 U	250 U	310 U	320 U
2-Methylnaphthalene	UG/KG	225 U	250 U	310 U	320 U
Hexachlorocyclopentadiene	UG/KG	225 U	250 U	310 U	320 U
2,4,6-Trichlorophenol	UG/KG	225 U	250 U	310 U	320 U
2,4,5-Trichlorophenol	UG/KG	550 U	600 U	750 U	800 U
2-Chloronaphthalene	UG/KG	225 U	250 U	310 U	320 U
2-Nitroaniline	UG/KG	550 U	600 U	750 U	800 U
Dimethyl phthalate	UG/KG	225 U	250 U	310 U	320 U
Acenaphthylene	UG/KG	225 U	250 U	310 U	320 U
2,6-Dinitrotoluene	UG/KG	225 U	250 U	310 U	320 U
3-Nitroaniline	UG/KG	550 U	600 U	750 U	800 U
Acenaphthene	UG/KG	225 U	250 U	310 U	320 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28NR-SD04-06	28-NR-SD04-612	28NR-SD05-06	28-NR-SD05-612
Laboratory Sample ID:		940241-29	940241-30	940241-31	940241-32
Date Sampled:		3/25/94	3/25/94	3/25/94	3/25/94
	UNITS				
SEMIVOLATILES Cont.					
2,4-Dinitrophenol	UG/KG	550 U	600 U	750 U	800 U
4-Nitrophenol	UG/KG	550 U	600 U	750 U	800 U
Dibenzofuran	UG/KG	225 U	250 U	310 U	320 U
2,4-Dinitrotoluene	UG/KG	225 U	250 U	310 U	320 U
Diethylphthalate	UG/KG	225 U	250 U	310 U	320 U
4-Chlorophenyl phenyl ether	UG/KG	225 U	250 U	310 U	320 U
Fluorene	UG/KG	225 U	250 U	310 U	320 U
4-Nitroaniline	UG/KG	550 U	600 U	750 U	800 U
4,6-Dinitro-2-methylphenol	UG/KG	550 U	600 U	750 U	800 U
N-nitrosodiphenylamine	UG/KG	225 U	250 U	310 U	320 U
4-Bromophenyl-phenylether	UG/KG	225 U	250 U	310 U	320 U
Hexachlorobenzene	UG/KG	225 U	250 U	310 U	320 U
Pentachlorophenol	UG/KG	550 U	600 U	750 U	800 U
Phenanthrene	UG/KG	225 U	250 U	310 U	320 U
Anthracene	UG/KG	225 U	120 J	170 J	320 U
Carbazole	UG/KG	225 U	250 U	68 J	320 U
di-n-Butylphthalate	UG/KG	225 U	250 U	310 U	320 U
Fluoranthene	UG/KG	225 U	510	760	320 U
Pyrene	UG/KG	225 U	420 J	620 J	320 U
Butyl benzyl phthalate	UG/KG	225 U	250 U	310 U	320 U
3,3'-Dichlorobenzidine	UG/KG	225 U	250 U	310 U	320 U
Benzo[a]anthracene	UG/KG	225 U	1100	1500	320 U
Chrysene	UG/KG	225 U	1500	2100	320 U
bis(2-Ethylhexyl)phthalate	UG/KG	2400	580	980	320 U
di-n-Octylphthalate	UG/KG	225 U	250 U	310 U	320 U
Benzo[b]fluoranthene	UG/KG	225 U	920	1000	320 U
Benzo[k]fluoranthene	UG/KG	225 U	300 J	840	320 U
Benzo[a]pyrene	UG/KG	225 U	480 J	660	320 U
Indeno[1,2,3-cd]pyrene	UG/KG	225 U	160 J	200 J	320 U
Dibenz[a,h]anthracene	UG/KG	225 U	250 U	310 U	320 U
Benzo[g,h,i]perylene	UG/KG	225 U	130 J	170 J	320 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28NR-SD04-06	28-NR-SD04-612	28NR-SD05-06	28-NR-SD05-612
Laboratory Sample ID:		940241-29	940241-30	940241-31	940241-32
Date Sampled:		3/25/94	3/25/94	3/25/94	3/25/94
	UNITS				
PESTICIDES/PCBs					
alpha-BHC	UG/KG	1.2 U	1.3 U	1.6 U	1.7 U
beta-BHC	UG/KG	1.2 U	1.3 U	1.6 U	1.7 U
delta-BHC	UG/KG	1.2 U	1.3 U	1.6 U	1.7 U
Lindane (gamma-BHC)	UG/KG	1.2 U	1.3 U	1.6 U	1.7 U
Heptachlor	UG/KG	1.2 U	1.3 U	1.6 U	1.7 U
Aldrin	UG/KG	1.2 U	1.3 U	1.6 U	1.7 U
Heptachlor epoxide	UG/KG	1.2 U	1.3 U	1.6 U	1.7 U
Endosulfan I	UG/KG	1.2 U	1.3 U	1.6 U	1.7 U
Dieldrin	UG/KG	2.3 U	2.5 U	3.1 U	3.3 U
4,4'-DDE	UG/KG	2.3 U	2.5 U	3.1 U	3.3 U
Endrin	UG/KG	2.3 U	2.5 U	3.1 U	3.3 U
Endosulfan II	UG/KG	2.3 U	2.5 U	3.1 U	3.3 U
4,4'-DDD	UG/KG	2.3 U	8.6	3.1 U	3.3 U
Endosulfan sulfate	UG/KG	2.3 U	2.5 U	3.1 U	3.3 U
4,4'-DDT	UG/KG	2.3 U	2.5 U	3.1 U	3.3 U
Methoxychlor	UG/KG	12 U	13 U	16 U	17 U
Endrin ketone	UG/KG	2.3 U	2.5 U	3.1 U	3.3 U
Endrin aldehyde	UG/KG	2.3 U	2.5 U	3.1 U	3.3 U
alpha-Chlordane	UG/KG	1.2 U	6.6 J	1.6 U	1.7 U
gamma-Chlordane	UG/KG	1.2 U	4.6 J	1.6 U	1.7 U
Toxaphene	UG/KG	115 U	130 U	160 U	165 U
Aroclor 1016	UG/KG	23 U	25 U	31 U	33 U
Aroclor 1221	UG/KG	46 U	50 U	65 U	65 U
Aroclor 1232	UG/KG	23 U	25 U	31 U	33 U
Aroclor 1242	UG/KG	23 U	25 U	31 U	33 U
Aroclor 1248	UG/KG	23 U	25 U	31 U	33 U
Aroclor 1254	UG/KG	23 U	25 U	31 U	33 U
Aroclor 1260	UG/KG	23 U	25 U	31 U	33 U

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/KG	ND	NA	NA	NA	NA
Bromomethane	UG/KG	ND	NA	NA	NA	NA
Vinyl chloride	UG/KG	ND	NA	NA	NA	NA
Chloroethane	UG/KG	ND	NA	NA	NA	NA
Methylene chloride	UG/KG	2 J	1.9	0.5	2.1	9.9
Acetone	UG/KG	47 J	2.4	0.7	2.8	26.8
Carbon Disulfide	UG/KG	2 J	1.9	0.5	2.1	9.9
1,1-Dichloroethene	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/KG	ND	NA	NA	NA	NA
Chloroform	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
2-Butanone	UG/KG	7 J	1.9	0.2	2.0	7.9
1,1,1-Trichloroethane	UG/KG	ND	NA	NA	NA	NA
Carbon tetrachloride	UG/KG	ND	NA	NA	NA	NA
Bromodichloromethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/KG	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Trichloroethene	UG/KG	ND	NA	NA	NA	NA
Dibromochloromethane	UG/KG	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/KG	ND	NA	NA	NA	NA
Benzene	UG/KG	ND	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Bromoform	UG/KG	ND	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/KG	ND	NA	NA	NA	NA
2-Hexanone	UG/KG	ND	NA	NA	NA	NA
Tetrachloroethene	UG/KG	ND	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	ND	NA	NA	NA	NA
Toluene	UG/KG	ND	NA	NA	NA	NA
Chlorobenzene	UG/KG	ND	NA	NA	NA	NA
Ethylbenzene	UG/KG	ND	NA	NA	NA	NA
Styrene	UG/KG	ND	NA	NA	NA	NA
Xylenes (total)	UG/KG	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/KG	ND	NA	NA	NA	NA
2-Chlorophenol	UG/KG	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
2-Methylphenol	UG/KG	ND	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/KG	ND	NA	NA	NA	NA
4-Methylphenol	UG/KG	ND	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/KG	ND	NA	NA	NA	NA
Hexachloroethane	UG/KG	ND	NA	NA	NA	NA
Nitrobenzene	UG/KG	ND	NA	NA	NA	NA
Isophorone	UG/KG	ND	NA	NA	NA	NA
2-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
2,4-Dimethylphenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/KG	ND	NA	NA	NA	NA
2,4-Dichlorophenol	UG/KG	ND	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	ND	NA	NA	NA	NA
Naphthalene	UG/KG	ND	NA	NA	NA	NA
4-Chloroaniline	UG/KG	ND	NA	NA	NA	NA
Hexachlorobutadiene	UG/KG	ND	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/KG	ND	NA	NA	NA	NA
2-Methylnaphthalene	UG/KG	ND	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/KG	ND	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2-Chloronaphthalene	UG/KG	ND	NA	NA	NA	NA
2-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Dimethyl phthalate	UG/KG	ND	NA	NA	NA	NA
Acenaphthylene	UG/KG	ND	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
3-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Acenaphthene	UG/KG	150 J	5.4	0.2	5.6	268.9

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	ND	NA	NA	NA	NA
4-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
Dibenzofuran	UG/KG	60 J	5.3	0.5	5.6	325.8
2,4-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
Diethylphthalate	UG/KG	ND	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/KG	ND	NA	NA	NA	NA
Fluorene	UG/KG	120 J	5.4	0.3	5.6	275.6
4-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/KG	ND	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/KG	ND	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/KG	ND	NA	NA	NA	NA
Hexachlorobenzene	UG/KG	ND	NA	NA	NA	NA
Pentachlorophenol	UG/KG	ND	NA	NA	NA	NA
Phenanthrene	UG/KG	1200	5.5	0.8	6.0	770.9
Anthracene	UG/KG	320 J	5.3	0.4	5.5	276.2
Carbazole	UG/KG	160 J	5.1	0.6	5.5	314.0
di-n-Butylphthalate	UG/KG	ND	NA	NA	NA	NA
Fluoranthene	UG/KG	1600	5.9	0.9	6.4	1251.6
Pyrene	UG/KG	1700	5.8	0.9	6.3	1088.8
Butyl benzyl phthalate	UG/KG	ND	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/KG	ND	NA	NA	NA	NA
Benzo[a]anthracene	UG/KG	1500	5.9	0.8	6.4	1173.2
Chrysene	UG/KG	2100	6.0	0.9	6.5	1553.4
bis(2-Ethylhexyl)phthalate	UG/KG	2400	6.0	0.9	6.5	1276.9
di-n-Octylphthalate	UG/KG	ND	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/KG	1100	5.8	1.0	6.3	1365.9
Benzo[k]fluoranthene	UG/KG	840	5.6	0.5	5.9	485.5
Benzo[a]pyrene	UG/KG	710	5.7	0.6	6.1	562.9
Indeno[1,2,3-cd]pyrene	UG/KG	320 J	5.3	0.4	5.5	300.3
Dibenz[a,h]anthracene	UG/KG	47 J	5.3	0.5	5.6	354.6
Benzo[g,h,i]perylene	UG/KG	320 J	5.3	0.5	5.5	300.2

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
PESTICIDES/PCBs						
alpha-BHC	UG/KG	ND	NA	NA	NA	NA
beta-BHC	UG/KG	ND	NA	NA	NA	NA
delta-BHC	UG/KG	ND	NA	NA	NA	NA
Lindane (gamma-BHC)	UG/KG	ND	NA	NA	NA	NA
Heptachlor	UG/KG	ND	NA	NA	NA	NA
Aldrin	UG/KG	ND	NA	NA	NA	NA
Heptachlor epoxide	UG/KG	ND	NA	NA	NA	NA
Endosulfan I	UG/KG	ND	NA	NA	NA	NA
Dieldrin	UG/KG	ND	NA	NA	NA	NA
4,4'-DDE	UG/KG	8.5	1.4	0.8	1.8	12.0
Endrin	UG/KG	ND	NA	NA	NA	NA
Endosulfan II	UG/KG	ND	NA	NA	NA	NA
4,4'-DDD	UG/KG	15	1.6	1.0	2.1	20.7
Endosulfan sulfate	UG/KG	ND	NA	NA	NA	NA
4,4'-DDT	UG/KG	300	1.9	1.8	3.0	830.2
Methoxychlor	UG/KG	ND	NA	NA	NA	NA
Endrin ketone	UG/KG	ND	NA	NA	NA	NA
Endrin aldehyde	UG/KG	ND	NA	NA	NA	NA
alpha-Chlordane	UG/KG	6.6 J	0.7	0.9	1.2	7.9
gamma-Chlordane	UG/KG	4.6 J	0.6	0.8	1.1	5.8
Toxaphene	UG/KG	ND	NA	NA	NA	NA
Aroclor 1016	UG/KG	ND	NA	NA	NA	NA
Aroclor 1221	UG/KG	ND	NA	NA	NA	NA
Aroclor 1232	UG/KG	ND	NA	NA	NA	NA
Aroclor 1242	UG/KG	ND	NA	NA	NA	NA
Aroclor 1248	UG/KG	ND	NA	NA	NA	NA
Aroclor 1254	UG/KG	ND	NA	NA	NA	NA
Aroclor 1260	UG/KG	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-NR-SD01-06	28-NR-SD01-612	28-NR-SD02-06	28-NR-SD02-612	28-NR-SD03-06	28-NR-SD03-612
Laboratory Sample ID:		940250-02	940250-03	940241-20	940241-21	940241-27	940241-28
Date Sampled:		3/28/94	3/28/94	3/26/94	3/26/94	3/25/94	3/25/94
Percent Solids		80.0	87.0	77.0	73.0	74.0	75.0
	UNITS						
Aluminum	MG/KG	919	1100	6890	5420	514	1090
Antimony	MG/KG	263 J	4.3 UJ	3.3 UJ			
Arsenic	MG/KG	12.5	0.38 UJ	0.59 J	1.8	1.6	2.2
Barium	MG/KG	2.2	2.5	7.0	8.7	3.4	4.8
Beryllium	MG/KG	0.10 U	0.13 U	0.10 U	0.10 U	0.10 U	0.09 U
Cadmium	MG/KG	0.31 U	0.38 U	0.29 U	0.30 U	0.28 U	0.28 U
Calcium	MG/KG	4090	329	967	825 J	11300 J	16700 J
Chromium	MG/KG	0.7 U	2.1	8.3	9.8	4.1	6.1
Cobalt	MG/KG	0.41 U	0.5 U	0.39 U	0.40 U	0.38 U	0.37 U
Copper	MG/KG	1340	78.3	1.7	1.6	7.6	10.1
Iron	MG/KG	1620	1660	1560	1900	6110	4420
Lead	MG/KG	38800	170	7.2	6.0 J	20.6 J	26.6 J
Magnesium	MG/KG	277	252	408	296 J	304 J	406 J
Manganese	MG/KG	2.8 J	6.9 J	4.9 J	1.9 J	4.0 J	17.8 J
Mercury	MG/KG	0.03 U	0.05	0.03 U	0.03 U	0.03 U	0.03 U
Nickel	MG/KG	0.7 U	3.2	0.7 U	1.4	0.7 U	0.7 U
Potassium	MG/KG	71.0 J	97.2 J	373 J	345 J	75.5 J	126 J
Selenium	MG/KG	40.9 U	0.5 U	0.39 U	0.40 U	0.38 U	0.37 U
Silver	MG/KG	0.5 UJ	0.7 UJ	0.49 UJ	0.50 UJ	3.4 J	0.46 UJ
Sodium	MG/KG	820	593	150	39.5 U	461	554
Thallium	MG/KG	0.41 U	0.5 U	0.39 U	0.40 U	0.38 U	0.37 U
Vanadium	MG/KG	2.8	3.6	10.2	20.9	5.3	6.0
Zinc	MG/KG	117 J	24.1 J	5.3	3.7	23.9	40.5

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28-NR-SD04-06	28-NR-SD04-612	28-NR-SD05-06	28-NR-SD05-612
Laboratory Sample ID:		940241-29	940241-30	940241-31	940241-32
Date Sampled:		3/25/94	3/25/94	3/25/94	3/25/94
Percent Solids		73.0	66.0	53.0	51.0
	UNITS				
Aluminum	MG/KG	2300	1090	11700	9590
Antimony	MG/KG	8.7 J			
Arsenic	MG/KG	5.0	2.8	2.5	1.7
Barium	MG/KG	4.5	3.3	11.9	28.9
Beryllium	MG/KG	0.09 U	0.11 U	0.16 U	0.18 U
Cadmium	MG/KG	0.28 U	0.5 U	1.0 U	0.6 U
Calcium	MG/KG	96800 J	42600 J	748 J	941 J
Chromium	MG/KG	10.0	4.3	34.1	25.1
Cobalt	MG/KG	0.92	0.44 U	0.7 U	0.7 U
Copper	MG/KG	2.4	1.5	8.8	8.5
Iron	MG/KG	12200	6370	30600	7730
Lead	MG/KG	5.8 J	3.5 J	11.1 J	17.3 J
Magnesium	MG/KG	1920 J	788 J	2390 J	1190 J
Manganese	MG/KG	18.8 J	8.0 J	3.6 J	7.4 J
Mercury	MG/KG	0.03 U	0.04 U	0.05 U	0.05 U
Nickel	MG/KG	0.7 U	0.8 U	1.2 U	1.3 U
Potassium	MG/KG	336 J	169 J	2210 J	1470 J
Selenium	MG/KG	3.7 U	0.44 U	0.7 U	0.7 U
Silver	MG/KG	0.46 UJ	0.6 UJ	3.1 J	0.9 UJ
Sodium	MG/KG	1290	964	3870	3740
Thallium	MG/KG	0.37 U	0.44 U	0.7 U	0.7 U
Vanadium	MG/KG	21.9	9.7	37.4	22.1
Zinc	MG/KG	10.2	5.4	10.7	8.5

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Percent Solids						
	UNITS					
Aluminum	MG/KG	11700	4061.3	4092.7	6433.6	17506.7
Antimony	MG/KG	263 J	69.8	128.8	221.4	19115275389347.2
Arsenic	MG/KG	12.5	3.1	3.5	5.2	9.0
Barium	MG/KG	28.9	7.7	8.0	12.4	15.5
Beryllium	MG/KG	ND	NA	NA	NA	NA
Cadmium	MG/KG	ND	NA	NA	NA	NA
Calcium	MG/KG	96800 J	17530.0	30801.3	35383.8	867520.8
Chromium	MG/KG	34.1	10.5	10.8	16.7	48.2
Cobalt	MG/KG	0.92	0.51	0.18	0.62	0.64
Copper	MG/KG	1340	146.1	420.2	389.6	9659.5
Iron	MG/KG	30600	7417.0	8842.5	12542.5	25578.0
Lead	MG/KG	38800	3906.8	12260.3	11013.4	1721537.3
Magnesium	MG/KG	2390 J	823.1	768.3	1268.4	1880.6
Manganese	MG/KG	18.8 J	7.6	6.0	11.1	15.3
Mercury	MG/KG	0.05	0.04	0.01	0.04	0.04
Nickel	MG/KG	3.2	1.1	0.8	1.6	1.6
Potassium	MG/KG	2210 J	527.3	722.7	946.2	2258.5
Selenium	MG/KG	ND	NA	NA	NA	NA
Silver	MG/KG	3.4 J	1.1	1.1	1.8	2.1
Sodium	MG/KG	3870	1248.2	1396.3	2057.5	11555.7
Thallium	MG/KG	ND	NA	NA	NA	NA
Vanadium	MG/KG	37.4	14.0	11.2	20.5	34.7
Zinc	MG/KG	117 J	24.9	34.4	44.8	89.7

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODE
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBWB01	28OPFSAEWB01	28OPFSRSWB01
Laboratory Sample ID:		940426-11	940426-12	940426-13
Date Sampled:		4/17/94	4/17/94	4/17/94
VOLATILES				
Chloromethane	UG/KG			
Bromomethane	UG/KG			
Vinyl chloride	UG/KG			
Chloroethane	UG/KG			
Methylene chloride	UG/KG	6 J	4 J	2 J
Acetone	UG/KG	25 J	9 J	37 J
Carbon Disulfide	UG/KG			
1,1-Dichloroethene	UG/KG			
1,1-Dichloroethane	UG/KG			
1,2-Dichloroethene(total)	UG/KG			
Chloroform	UG/KG			
1,2-Dichloroethane	UG/KG			
2-Butanone	UG/KG			
1,1,1-Trichloroethane	UG/KG			
Carbon tetrachloride	UG/KG			
Bromodichloromethane	UG/KG			
1,2-Dichloropropane	UG/KG			
cis-1,3-Dichloropropene	UG/KG			
Trichloroethene	UG/KG			
Dibromochloromethane	UG/KG			
1,1,2-Trichloroethane	UG/KG			
Benzene	UG/KG			
trans-1,3-Dichloropropene	UG/KG			
Bromoform	UG/KG			
4-Methyl-2-pentanone	UG/KG			
2-Hexanone	UG/KG			
Tetrachloroethene	UG/KG			
1,1,2,2-Tetrachloroethane	UG/KG			
Toluene	UG/KG		7 J	
Chlorobenzene	UG/KG			
Ethylbenzene	UG/KG			
Styrene	UG/KG			
Xylenes (total)	UG/KG		8 J	

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODE
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBWB01	28OPFSAEWB01	28OPFSRSWB01
Laboratory Sample ID:		940426-11	940426-12	940426-13
Date Sampled:		4/17/94	4/17/94	4/17/94
SEMIVOLATILES				
Phenol	UG/KG			
bis(2-Chloroethyl) ether	UG/KG			
2-Chlorophenol	UG/KG			
1,3-Dichlorobenzene	UG/KG			
1,4-Dichlorobenzene	UG/KG			
1,2-Dichlorobenzene	UG/KG			
2-Methylphenol	UG/KG			
2,2'-oxybis-(1-chloropropane)	UG/KG			
4-Methylphenol	UG/KG			
N-Nitroso-di-n-propylamine	UG/KG			
Hexachloroethane	UG/KG			
Nitrobenzene	UG/KG			
Isophorone	UG/KG			
2-Nitrophenol	UG/KG			
2,4-Dimethylphenol	UG/KG			
bis(2-Chloroethoxy) methane	UG/KG			
2,4-Dichlorophenol	UG/KG			
1,2,4-Trichlorobenzene	UG/KG			
Naphthalene	UG/KG			
4-Chloroaniline	UG/KG			
Hexachlorobutadiene	UG/KG			
4-Chloro-3-methylphenol	UG/KG			
2-Methylnaphthalene	UG/KG			
Hexachlorocyclopentadiene	UG/KG			
2,4,6-Trichlorophenol	UG/KG			
2,4,5-Trichlorophenol	UG/KG			
2-Chloronaphthalene	UG/KG			
2-Nitroaniline	UG/KG			
Dimethyl phthalate	UG/KG			
Acenaphthylene	UG/KG			
2,6-Dinitrotoluene	UG/KG			
3-Nitroaniline	UG/KG			
Acenaphthene	UG/KG			

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODE
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBWB01	28OPFSAEWB01	28OPFSRSWB01
Laboratory Sample ID:		940426-11	940426-12	940426-13
Date Sampled:		4/17/94	4/17/94	4/17/94
SEMIVOLATILES Cont.				
2,4-Dinitrophenol	UG/KG			
4-Nitrophenol	UG/KG			
Dibenzofuran	UG/KG			
2,4-Dinitrotoluene	UG/KG			
Diethylphthalate	UG/KG			
4-Chlorophenyl phenyl ether	UG/KG			
Fluorene	UG/KG			
4-Nitroaniline	UG/KG			
4,6-Dinitro-2-methylphenol	UG/KG			
N-nitrosodiphenylamine	UG/KG			
4-Bromophenyl-phenylether	UG/KG			
Hexachlorobenzene	UG/KG			
Pentachlorophenol	UG/KG			
Phenanthrene	UG/KG			
Anthracene	UG/KG			
Carbazole	UG/KG			
di-n-Butylphthalate	UG/KG			
Fluoranthene	UG/KG			
Pyrene	UG/KG			
Butyl benzyl phthalate	UG/KG			
3,3'-Dichlorobenzidine	UG/KG			
Benzo[a]anthracene	UG/KG			
Chrysene	UG/KG			
bis(2-Ethylhexyl)phthalate	UG/KG		2900 J	4000 J
di-n-Octylphthalate	UG/KG			
Benzo[b]fluoranthene	UG/KG			
Benzo[k]fluoranthene	UG/KG			
Benzo[a]pyrene	UG/KG			
Indeno[1,2,3-cd]pyrene	UG/KG			
Dibenz[a,h]anthracene	UG/KG			
Benzo[g,h,i]perylene	UG/KG			

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODE
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBWB01	28OPFSAEWB01	28OPFSRSWB01
Laboratory Sample ID:		940426-11	940426-12	940426-13
Date Sampled:		4/17/94	4/17/94	4/17/94
PESTICIDES/PCBs				
alpha-BHC	UG/KG	1.3 UJ	1.3 UJ	1.3 UJ
beta-BHC	UG/KG	1.3 U	1.3 U	1.3 UJ
delta-BHC	UG/KG	1.3 U	1.3 U	1.3 UJ
Lindane (gamma-BHC)	UG/KG	1.3 U	1.3 U	1.3 UJ
Heptachlor	UG/KG	1.3 U	1.3 U	1.3 UJ
Aldrin	UG/KG	1.3 U	1.3 U	1.3 UJ
Heptachlor epoxide	UG/KG	1.3 U	1.3 U	1.3 UJ
Endosulfan I	UG/KG	1.3 U	1.3 U	1.3 UJ
Dieldrin	UG/KG	2.5 U	2.4 U	2.5 UJ
4,4'-DDE	UG/KG	5.4	38	4.4 J
Endrin	UG/KG	2.5 U	2.4 U	2.5 UJ
Endosulfan II	UG/KG	2.5 U	2.4 U	2.5 UJ
4,4'-DDD	UG/KG	2.5 U	2.4 U	2.5 UJ
Endosulfan sulfate	UG/KG	2.5 U	2.4 U	2.5 UJ
4,4'-DDT	UG/KG	2.5 U	2.4 U	2.5 UJ
Methoxychlor	UG/KG	13 U	13 U	13 UJ
Endrin ketone	UG/KG	2.5 U	2.4 U	2.5 UJ
Endrin aldehyde	UG/KG	2.5 U	2.4 U	2.5 UJ
alpha-Chlordane	UG/KG	1.3 U	13 NJ	1.3 UJ
gamma-Chlordane	UG/KG	1.3 U	1.3 U	1.3 UJ
Toxaphene	UG/KG	125 U	125 U	125 UJ
Aroclor 1016	UG/KG	25 U	24 U	25 UJ
Aroclor 1221	UG/KG	49 U	49 U	49 UJ
Aroclor 1232	UG/KG	25 U	24 U	25 UJ
Aroclor 1242	UG/KG	25 U	24 U	25 UJ
Aroclor 1248	UG/KG	25 U	24 U	25 UJ
Aroclor 1254	UG/KG	25 U	24 U	25 UJ
Aroclor 1260	UG/KG	25 U	24 U	25 UJ

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODE
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/KG	10 R	NA	NA	NA	NA
Bromomethane	UG/KG	10 R	NA	NA	NA	NA
Vinyl chloride	UG/KG	10 R	NA	NA	NA	NA
Chloroethane	UG/KG	10 R	NA	NA	NA	NA
Methylene chloride	UG/KG	6 J	4.0	2.0	7.4	91.1
Acetone	UG/KG	37 J	23.7	14.0	47.3	5756.0
Carbon Disulfide	UG/KG	10 R	NA	NA	NA	NA
1,1-Dichloroethene	UG/KG	10 R	NA	NA	NA	NA
1,1-Dichloroethane	UG/KG	10 R	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/KG	10 R	NA	NA	NA	NA
Chloroform	UG/KG	10 R	NA	NA	NA	NA
1,2-Dichloroethane	UG/KG	10 R	NA	NA	NA	NA
2-Butanone	UG/KG	10 R	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/KG	10 R	NA	NA	NA	NA
Carbon tetrachloride	UG/KG	10 R	NA	NA	NA	NA
Bromodichloromethane	UG/KG	10 R	NA	NA	NA	NA
1,2-Dichloropropane	UG/KG	10 R	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/KG	10 R	NA	NA	NA	NA
Trichloroethene	UG/KG	10 R	NA	NA	NA	NA
Dibromochloromethane	UG/KG	10 R	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/KG	10 R	NA	NA	NA	NA
Benzene	UG/KG	10 R	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/KG	10 R	NA	NA	NA	NA
Bromoform	UG/KG	10 R	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/KG	10 R	NA	NA	NA	NA
2-Hexanone	UG/KG	10 R	NA	NA	NA	NA
Tetrachloroethene	UG/KG	10 R	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	10 R	NA	NA	NA	NA
Toluene	UG/KG	10 R	7	NA	NA	NA
Chlorobenzene	UG/KG	10 R	NA	NA	NA	NA
Ethylbenzene	UG/KG	10 R	NA	NA	NA	NA
Styrene	UG/KG	10 R	NA	NA	NA	NA
Xylenes (total)	UG/KG	10 R	8	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODE
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/KG	970 R	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/KG	970 R	NA	NA	NA	NA
2-Chlorophenol	UG/KG	970 R	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	970 R	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	970 R	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	970 R	NA	NA	NA	NA
2-Methylphenol	UG/KG	970 R	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/KG	970 R	NA	NA	NA	NA
4-Methylphenol	UG/KG	970 R	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/KG	970 R	NA	NA	NA	NA
Hexachloroethane	UG/KG	970 R	NA	NA	NA	NA
Nitrobenzene	UG/KG	970 R	NA	NA	NA	NA
Isophorone	UG/KG	970 R	NA	NA	NA	NA
2-Nitrophenol	UG/KG	970 R	NA	NA	NA	NA
2,4-Dimethylphenol	UG/KG	970 R	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/KG	970 R	NA	NA	NA	NA
2,4-Dichlorophenol	UG/KG	970 R	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	970 R	NA	NA	NA	NA
Naphthalene	UG/KG	970 R	NA	NA	NA	NA
4-Chloroaniline	UG/KG	970 R	NA	NA	NA	NA
Hexachlorobutadiene	UG/KG	970 R	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/KG	970 R	NA	NA	NA	NA
2-Methylnaphthalene	UG/KG	970 R	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/KG	970 R	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/KG	970 R	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/KG	2400 R	NA	NA	NA	NA
2-Chloronaphthalene	UG/KG	970 R	NA	NA	NA	NA
2-Nitroaniline	UG/KG	2400 R	NA	NA	NA	NA
Dimethyl phthalate	UG/KG	970 R	NA	NA	NA	NA
Acenaphthylene	UG/KG	970 R	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/KG	970 R	NA	NA	NA	NA
3-Nitroaniline	UG/KG	2400 R	NA	NA	NA	NA
Acenaphthene	UG/KG	970 R	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODE
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	2400 R	NA	NA	NA	NA
4-Nitrophenol	UG/KG	2400 R	NA	NA	NA	NA
Dibenzofuran	UG/KG	970 R	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/KG	970 R	NA	NA	NA	NA
Diethylphthalate	UG/KG	970 R	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/KG	970 R	NA	NA	NA	NA
Fluorene	UG/KG	970 R	NA	NA	NA	NA
4-Nitroaniline	UG/KG	2400 R	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/KG	2400 R	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/KG	970 R	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/KG	970 R	NA	NA	NA	NA
Hexachlorobenzene	UG/KG	970 R	NA	NA	NA	NA
Pentachlorophenol	UG/KG	2400 R	NA	NA	NA	NA
Phenanthrene	UG/KG	970 R	NA	NA	NA	NA
Anthracene	UG/KG	970 R	NA	NA	NA	NA
Carbazole	UG/KG	970 R	NA	NA	NA	NA
di-n-Butylphthalate	UG/KG	970 R	NA	NA	NA	NA
Fluoranthene	UG/KG	970 R	NA	NA	NA	NA
Pyrene	UG/KG	970 R	NA	NA	NA	NA
Butyl benzyl phthalate	UG/KG	970 R	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/KG	970 R	NA	NA	NA	NA
Benzo[a]anthracene	UG/KG	970 R	NA	NA	NA	NA
Chrysene	UG/KG	970 R	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/KG	4000 J	3450.0	777.8	6922.7	NA
di-n-Octylphthalate	UG/KG	970 R	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/KG	970 R	NA	NA	NA	NA
Benzo[k]fluoranthene	UG/KG	970 R	NA	NA	NA	NA
Benzo[a]pyrene	UG/KG	970 R	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	UG/KG	970 R	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/KG	970 R	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/KG	970 R	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODE
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
PESTICIDES/PCBs						
alpha-BHC	UG/KG	ND	NA	NA	NA	NA
beta-BHC	UG/KG	ND	NA	NA	NA	NA
delta-BHC	UG/KG	ND	NA	NA	NA	NA
Lindane (gamma-BHC)	UG/KG	ND	NA	NA	NA	NA
Heptachlor	UG/KG	ND	NA	NA	NA	NA
Aldrin	UG/KG	ND	NA	NA	NA	NA
Heptachlor epoxide	UG/KG	ND	NA	NA	NA	NA
Endosulfan I	UG/KG	ND	NA	NA	NA	NA
Dieldrin	UG/KG	ND	NA	NA	NA	NA
4,4'-DDE	UG/KG	38	15.9	19.1	48.2	18223527.8
Endrin	UG/KG	ND	NA	NA	NA	NA
Endosulfan II	UG/KG	ND	NA	NA	NA	NA
4,4'-DDD	UG/KG	ND	NA	NA	NA	NA
Endosulfan sulfate	UG/KG	ND	NA	NA	NA	NA
4,4'-DDT	UG/KG	ND	NA	NA	NA	NA
Methoxychlor	UG/KG	ND	NA	NA	NA	NA
Endrin ketone	UG/KG	ND	NA	NA	NA	NA
Endrin aldehyde	UG/KG	ND	NA	NA	NA	NA
alpha-Chlordane	UG/KG	13 NJ	5.2	6.8	16.6	935043501.0
gamma-Chlordane	UG/KG	ND	NA	NA	NA	NA
Toxaphene	UG/KG	ND	NA	NA	NA	NA
Aroclor 1016	UG/KG	ND	NA	NA	NA	NA
Aroclor 1221	UG/KG	ND	NA	NA	NA	NA
Aroclor 1232	UG/KG	ND	NA	NA	NA	NA
Aroclor 1242	UG/KG	ND	NA	NA	NA	NA
Aroclor 1248	UG/KG	ND	NA	NA	NA	NA
Aroclor 1254	UG/KG	ND	NA	NA	NA	NA
Aroclor 1260	UG/KG	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODY
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
METALS

Client Sample ID:		28OPFSLBWB01	28OPFSAEWB01	28OPFSRSWB01
Laboratory Sample ID:		940426-11	940426-12	940426-13
Date Sampled:		4/17/94	4/17/94	4/17/94
	UNITS			
Aluminum	MG/KG	5.4 U	2.9 U	17.9 U
Antimony	MG/KG	0.08 UJ	0.09 UJ	0.17 J
Arsenic	MG/KG			0.10 J
Barium	MG/KG	0.42 J	0.80 J	1.5 J
Beryllium	MG/KG	0.0024 UJ	0.0025 UJ	0.0024 UJ
Cadmium	MG/KG	0.01 UJ	0.01 UJ	0.01 UJ
Calcium	MG/KG	8410	5600	14000
Chromium	MG/KG		10.7 J	
Cobalt	MG/KG	0.01 UJ	0.09 J	0.04 J
Copper	MG/KG	0.23 J	1.2 J	0.42 J
Iron	MG/KG	4.6 U	63.2	46.6
Lead	MG/KG	0.02 UJ	0.04 UJ	0.05 UJ
Magnesium	MG/KG	365	258	389
Manganese	MG/KG	0.12 UJ	0.83 J	1.4 J
Mercury	MG/KG	0.14 J	0.18 J	0.0009 U
Nickel	MG/KG			
Potassium	MG/KG	3050	2580	2270
Selenium	MG/KG	0.35 J	0.45 J	0.31 J
Silver	MG/KG			
Sodium	MG/KG	707	714	844
Thallium	MG/KG	0.01 UJ	0.01 UJ	0.01 UJ
Vanadium	MG/KG	0.01 UJ	0.01 UJ	0.02 J
Zinc	MG/KG	12.8 J	26.3 J	21.3 J

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - WHOLE BODY
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Aluminum	MG/KG	ND	NA	NA	NA	NA
Antimony	MG/KG	0.17 J	0.11	0.05	0.20	0.78
Arsenic	MG/KG	0.1 J	0.10	NA	NA	NA
Barium	MG/KG	1.5 J	0.91	0.55	1.83	59.08
Beryllium	MG/KG	ND	NA	NA	NA	NA
Cadmium	MG/KG	ND	NA	NA	NA	NA
Calcium	MG/KG	14000	9336.67	4275.98	16545.39	79652.16
Chromium	MG/KG	10.7 J	10.70	NA	NA	NA
Cobalt	MG/KG	0.09 J	0.05	0.04	0.11	22845.23
Copper	MG/KG	1.2 J	0.62	0.51	1.48	714.50
Iron	MG/KG	63.2	38.13	30.20	89.05	28066936463.82
Lead	MG/KG	ND	NA	NA	NA	NA
Magnesium	MG/KG	389	337.33	69.74	454.91	646.77
Manganese	MG/KG	1.4 J	0.78	0.64	1.86	73790165.20
Mercury	MG/KG	0.18 J	0.11	0.09	0.27	8.0091143469E+42
Nickel	MG/KG	3.1 R	NA	NA	NA	NA
Potassium	MG/KG	3050	2633.33	392.73	3295.41	3732.11
Selenium	MG/KG	0.45 J	0.37	0.07	0.49	0.58
Silver	MG/KG	0.03 R	NA	NA	NA	NA
Sodium	MG/KG	844	755.00	77.16	885.07	917.70
Thallium	MG/KG	ND	NA	NA	NA	NA
Vanadium	MG/KG	0.02 J	0.01	0.01	0.02	1.11
Zinc	MG/KG	26.3 J	20.13	6.83	31.64	80.99

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBF01	OP1A-BGA	OP1A-BGB	OP1A-RDA	OP1A-RDB	28OPFSWMF01
Laboratory Sample ID:		940426-10	NA	NA	NA	NA	940426-14
Date Sampled:		3/28/94	10/4/93	10/4/93	10/4/93	10/4/93	3/28/94
VOLATILES							
Chloromethane	UG/KG		5 U	5 U	5 U	5 U	NA
Bromomethane	UG/KG		5 U	5 U	5 U	5 U	NA
Vinyl chloride	UG/KG		5 U	5 U	5 U	5 U	NA
Chloroethane	UG/KG		5 U	5 U	5 U	5 U	NA
Methylene chloride	UG/KG		5 U	5 U	5 U	5 U	NA
Acetone	UG/KG	16 J	55 J	73 J	110 J	82 J	NA
Carbon Disulfide	UG/KG		5 U	5 U	5 U	5 U	NA
1,1-Dichloroethene	UG/KG		5 U	5 U	5 U	5 UJ	NA
1,1-Dichloroethane	UG/KG		5 U	5 U	5 U	5 U	NA
1,2-Dichloroethene(total)	UG/KG		5 U	5 U	5 U	5 U	NA
Chloroform	UG/KG		5 U	5 U	5 U	5 U	NA
1,2-Dichloroethane	UG/KG		5 U	5 U	5 U	5 U	NA
2-Butanone	UG/KG		5 U	5 U	5 U	5 UJ	NA
1,1,1-Trichloroethane	UG/KG		5 U	5 U	5 UJ	5 U	NA
Carbon tetrachloride	UG/KG		5 U	5 U	5 UJ	5 U	NA
Bromodichloromethane	UG/KG		5 U	5 U	5 UJ	5 U	NA
1,2-Dichloropropane	UG/KG		5 U	5 U	5 UJ	5 U	NA
cis-1,3-Dichloropropene	UG/KG		5 U	5 U	5 UJ	5 U	NA
Trichloroethene	UG/KG		5 U	5 U	5 UJ	5 U	NA
Dibromochloromethane	UG/KG		5 U	5 U	5 UJ	5 U	NA
1,1,2-Trichloroethane	UG/KG		5 U	5 U	5 UJ	5 U	NA
Benzene	UG/KG		5 U	5 U	5 UJ	5 U	NA
trans-1,3-Dichloropropene	UG/KG		5 U	5 U	5 UJ	5 U	NA
Bromoform	UG/KG		5 U	5 U	5 UJ	5 U	NA
4-Methyl-2-pentanone	UG/KG		5 U	5 U	5 UJ	5 U	NA
2-Hexanone	UG/KG		5 U	5 U	5 UJ	5 U	NA
Tetrachloroethene	UG/KG		5 U	5 U	5 UJ	5 U	NA
1,1,2,2-Tetrachloroethane	UG/KG		5 U	5 U	5 UJ	5 U	NA
Toluene	UG/KG		5 U	5 U	5 UJ	5 U	NA
Chlorobenzene	UG/KG		5 U	5 U	5 UJ	5 U	NA
Ethylbenzene	UG/KG		5 U	5 U	5 UJ	5 U	NA
Styrene	UG/KG		5 U	5 U	5 UJ	5 U	NA
Xylenes (total)	UG/KG		5 U	5 U	5 UJ	5 U	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBF01	OP1A-BGA	OP1A-BGB	OP1A-RDA	OP1A-RDB	28OPFSWMF01
Laboratory Sample ID:		940426-10	NA	NA	NA	NA	940426-14
Date Sampled:		3/28/94	10/4/93	10/4/93	10/4/93	10/4/93	3/28/94
SEMIVOLATILES							
Phenol	UG/KG		22 U	21.5 U	22 U	22 U	
bis(2-Chloroethyl) ether	UG/KG		22 U	21.5 U	22 U	22 U	
2-Chlorophenol	UG/KG		22 U	21.5 U	22 U	22 U	
1,3-Dichlorobenzene	UG/KG		22 U	21.5 U	22 U	22 U	
1,4-Dichlorobenzene	UG/KG		22 U	21.5 U	22 U	22 U	
1,2-Dichlorobenzene	UG/KG		22 U	21.5 U	22 U	22 U	
2-Methylphenol	UG/KG		22 U	21.5 U	22 U	22 U	
2,2'-oxybis-(1-chloropropane)	UG/KG		22 UJ	21.5 UJ	22 UJ	22 U	
4-Methylphenol	UG/KG		180	21.5 U	22 U	22 U	
N-Nitroso-di-n-propylamine	UG/KG		22 UJ	21.5 UJ	22 U	22 U	
Hexachloroethane	UG/KG		22 U	21.5 U	22 U	22 U	
Nitrobenzene	UG/KG		22 U	21.5 U	22 U	22 U	
Isophorone	UG/KG		22 UJ	21.5 UJ	22 U	22 U	
2-Nitrophenol	UG/KG		22 U	21.5 U	22 UJ	22 U	
2,4-Dimethylphenol	UG/KG		22 U	21.5 U	22 U	22 U	
bis(2-Chloroethoxy) methane	UG/KG		22 U	21.5 U	22 U	22 U	
2,4-Dichlorophenol	UG/KG		22 U	21.5 U	22 U	22 U	
1,2,4-Trichlorobenzene	UG/KG		22 U	21.5 U	22 U	22 U	
Naphthalene	UG/KG		22 U	21.5 U	22 U	22 U	
4-Chloroaniline	UG/KG		22 U	21.5 U	22 U	22 U	
Hexachlorobutadiene	UG/KG		22 U	21.5 U	22 U	22 U	
4-Chloro-3-methylphenol	UG/KG		22 U	21.5 U	22 U	22 U	
2-Methylnaphthalene	UG/KG		22 U	21.5 U	22 U	22 U	
Hexachlorocyclopentadiene	UG/KG		22 UJ	21.5 UJ	22 U	22 U	
2,4,6-Trichlorophenol	UG/KG		22 U	43 J	22 U	22 U	
2,4,5-Trichlorophenol	UG/KG		55 UJ	50 UJ	55 U	55 U	
2-Chloronaphthalene	UG/KG		22 U	21.5 UJ	22 U	22 U	
2-Nitroaniline	UG/KG		55 U	50 U	55 U	55 U	
Dimethyl phthalate	UG/KG		22 U	21.5 U	22 U	22 U	
Acenaphthylene	UG/KG		22 U	21.5 U	22 U	22 U	
2,6-Dinitrotoluene	UG/KG		22 U	21.5 U	22 UJ	22 U	
3-Nitroaniline	UG/KG		110 J	50 UJ	55 U	55 U	
Acenaphthene	UG/KG		22 U	21.5 U	22 U	22 U	

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBF01	OP1A-BGA	OP1A-BGB	OP1A-RDA	OP1A-RDB	28OPFSWMF01
Laboratory Sample ID:		940426-10	NA	NA	NA	NA	940426-14
Date Sampled:		3/28/94	10/4/93	10/4/93	10/4/93	10/4/93	3/28/94
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG		55 UJ	50 UJ	55 U	55 U	
4-Nitrophenol	UG/KG		55 UJ	50 UJ	55 UJ	55 UJ	
Dibenzofuran	UG/KG		22 U	21.5 U	22 U	22 U	
2,4-Dinitrotoluene	UG/KG		22 UJ	21.5 UJ	22 UJ	22 UJ	
Diethylphthalate	UG/KG		22 U	21.5 U	22 U	22 U	
4-Chlorophenyl phenyl ether	UG/KG		22 U	21.5 U	22 U	22 U	
Fluorene	UG/KG		22 U	21.5 U	22 U	22 U	
4-Nitroaniline	UG/KG		55 UJ	50 UJ	55 U	55 U	
4,6-Dinitro-2-methylphenol	UG/KG		55 U	50 U	55 U	55 UJ	
N-nitrosodiphenylamine	UG/KG		22 U	21.5 U	22 U	22 U	
4-Bromophenyl-phenylether	UG/KG		22 U	21.5 U	22 U	22 U	
Hexachlorobenzene	UG/KG		22 U	21.5 U	22 U	22 U	
Pentachlorophenol	UG/KG		55 U	50 U	55 UJ	55 UJ	
Phenanthrene	UG/KG		22 U	21.5 U	22 U	22 U	
Anthracene	UG/KG		22 U	21.5 U	22 U	22 U	
Carbazole	UG/KG		22 U	21.5 U	22 U	22 U	
di-n-Butylphthalate	UG/KG		22 U	21.5 U	22 U	22 U	
Fluoranthene	UG/KG		22 U	21.5 U	22 U	22 U	
Pyrene	UG/KG		22 UJ	21.5 UJ	22 U	22 U	
Butyl benzyl phthalate	UG/KG		22 UJ	21.5 UJ	22 U	22 UJ	
3,3'-Dichlorobenzidine	UG/KG		22 UJ	21.5 UJ	22 U	22 U	
Benzo[a]anthracene	UG/KG		22 UJ	21.5 UJ	22 U	22 U	
Chrysene	UG/KG		22 UJ	21.5 UJ	22 U	22 U	
bis(2-Ethylhexyl)phthalate	UG/KG	2600 J	12000 J	20000 J	22 U	22 U	
di-n-Octylphthalate	UG/KG		210 J	610 J	170 J	72 J	
Benzo[b]fluoranthene	UG/KG		22 UJ	21.5 UJ	22 U	22 U	
Benzo[k]fluoranthene	UG/KG		22 UJ	21.5 UJ	22 U	22 U	
Benzo[a]pyrene	UG/KG		22 UJ	21.5 UJ	22 U	22 U	
Indeno[1,2,3-cd]pyrene	UG/KG		22 UJ	21.5 UJ	22 U	22 U	
Dibenz[a,h]anthracene	UG/KG		22 UJ	21.5 UJ	22 U	22 U	
Benzo[g,h,i]perylene	UG/KG		22 UJ	21.5 UJ	22 UJ	22 U	

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28OPFSLBF01	OP1A-BGA	OP1A-BGB	OP1A-RDA	OP1A-RDB	28OPFSWMF01
Laboratory Sample ID:		940426-10	NA	NA	NA	NA	940426-14
Date Sampled:		3/28/94	10/4/93	10/4/93	10/4/93	10/4/93	3/28/94
PESTICIDES/PCBs							
alpha-BHC	UG/KG	1.3 UJ	0.7 U	0.65 U	0.7 U	0.7 U	2.6 UJ
beta-BHC	UG/KG	1.3 UJ	0.7 U	0.65 U	0.7 U	0.7 U	2.6 U
delta-BHC	UG/KG	1.3 UJ	0.7 U	0.65 U	0.7 U	0.7 U	2.6 U
Lindane (gamma-BHC)	UG/KG	1.3 UJ	0.7 U	0.65 U	0.7 U	0.7 U	2.6 U
Heptachlor	UG/KG	1.3 UJ	0.7 U	0.65 U	0.7 U	0.7 U	2.6 U
Aldrin	UG/KG	1.3 UJ	0.7 U	0.65 U	0.7 U	0.7 U	2.6 U
Heptachlor epoxide	UG/KG	1.3 UJ	0.7 U	0.65 U	0.7 U	0.7 U	2.6 U
Endosulfan I	UG/KG	1.3 UJ	0.7 U	0.65 U	0.7 U	0.7 U	2.6 U
Dieldrin	UG/KG	2.5 UJ	1.3 U	1.3 U	1.3 U	1.3 U	5.0 U
4,4'-DDE	UG/KG	2.5 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 U	5.0 U
Endrin	UG/KG	2.5 UJ	1.3 U	1.3 U	1.3 U	1.3 U	5.0 U
Endosulfan II	UG/KG	2.5 UJ	1.3 U	1.3 U	1.3 U	1.3 U	5.0 U
4,4'-DDD	UG/KG	2.5 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 U	5.0 U
Endosulfan sulfate	UG/KG	2.5 UJ	1.3 U	1.3 U	1.3 U	1.3 U	5.0 U
4,4'-DDT	UG/KG	2.5 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 U	5.0 U
Methoxychlor	UG/KG	13 UJ	7 U	6.5 U	7 U	7 U	26 U
Endrin ketone	UG/KG	2.5 UJ	1.3 U	1.3 U	1.3 U	1.3 U	5.0 U
Endrin aldehyde	UG/KG	2.5 UJ	1.3 U	1.3 U	1.3 U	1.3 U	5.0 U
alpha-Chlordane	UG/KG	1.3 UJ	0.7 U	0.65 U	0.7 U	0.7 U	2.6 U
gamma-Chlordane	UG/KG	1.3 UJ	0.7 U	0.65 U	0.7 U	0.7 U	2.6 U
Toxaphene	UG/KG	125 UJ	70 U	65 U	70 U	70 U	255 U
Aroclor 1016	UG/KG	25 UJ	13 U	13 U	13 U	13 U	50 U
Aroclor 1221	UG/KG	50 UJ	27 U	26.5 U	27 U	27 U	100 U
Aroclor 1232	UG/KG	25 UJ	13 U	13 U	13 U	13 U	50 U
Aroclor 1242	UG/KG	25 UJ	13 U	13 U	13 U	13 U	50 U
Aroclor 1248	UG/KG	25 UJ	13 U	13 U	13 U	13 U	50 U
Aroclor 1254	UG/KG	25 UJ	13 U	13 U	13 U	13 U	50 U
Aroclor 1260	UG/KG	25 UJ	13 U	13 U	13 U	13 U	50 U

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/KG	10 R	NA	NA	NA	NA
Bromomethane	UG/KG	10 R	NA	NA	NA	NA
Vinyl chloride	UG/KG	10 R	NA	NA	NA	NA
Chloroethane	UG/KG	10 R	NA	NA	NA	NA
Methylene chloride	UG/KG	10 R	NA	NA	NA	NA
Acetone	UG/KG	110 J	67.2	34.8	100.4	342.3
Carbon Disulfide	UG/KG	10 R	NA	NA	NA	NA
1,1-Dichloroethene	UG/KG	10 R	NA	NA	NA	NA
1,1-Dichloroethane	UG/KG	10 R	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/KG	10 R	NA	NA	NA	NA
Chloroform	UG/KG	10 R	NA	NA	NA	NA
1,2-Dichloroethane	UG/KG	10 R	NA	NA	NA	NA
2-Butanone	UG/KG	10 R	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/KG	10 R	NA	NA	NA	NA
Carbon tetrachloride	UG/KG	10 R	NA	NA	NA	NA
Bromodichloromethane	UG/KG	10 R	NA	NA	NA	NA
1,2-Dichloropropane	UG/KG	10 R	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/KG	10 R	NA	NA	NA	NA
Trichloroethene	UG/KG	10 R	NA	NA	NA	NA
Dibromochloromethane	UG/KG	10 R	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/KG	10 R	NA	NA	NA	NA
Benzene	UG/KG	10 R	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/KG	10 R	NA	NA	NA	NA
Bromoform	UG/KG	10 R	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/KG	10 R	NA	NA	NA	NA
2-Hexanone	UG/KG	10 R	NA	NA	NA	NA
Tetrachloroethene	UG/KG	10 R	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	10 R	NA	NA	NA	NA
Toluene	UG/KG	10 R	NA	NA	NA	NA
Chlorobenzene	UG/KG	10 R	NA	NA	NA	NA
Ethylbenzene	UG/KG	10 R	NA	NA	NA	NA
Styrene	UG/KG	10 R	NA	NA	NA	NA
Xylenes (total)	UG/KG	10 R	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/KG	500 R	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/KG	500 R	NA	NA	NA	NA
2-Chlorophenol	UG/KG	500 R	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	500 R	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	500 R	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	500 R	NA	NA	NA	NA
2-Methylphenol	UG/KG	500 R	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/KG	500 R	NA	NA	NA	NA
4-Methylphenol	UG/KG	500 R	61.4	79.1	154.4	220479.0
N-Nitroso-di-n-propylamine	UG/KG	500 R	NA	NA	NA	NA
Hexachloroethane	UG/KG	500 R	NA	NA	NA	NA
Nitrobenzene	UG/KG	500 R	NA	NA	NA	NA
Isophorone	UG/KG	500 R	NA	NA	NA	NA
2-Nitrophenol	UG/KG	500 R	NA	NA	NA	NA
2,4-Dimethylphenol	UG/KG	500 R	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/KG	500 R	NA	NA	NA	NA
2,4-Dichlorophenol	UG/KG	500 R	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	500 R	NA	NA	NA	NA
Naphthalene	UG/KG	500 R	NA	NA	NA	NA
4-Chloroaniline	UG/KG	500 R	NA	NA	NA	NA
Hexachlorobutadiene	UG/KG	500 R	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/KG	500 R	NA	NA	NA	NA
2-Methylnaphthalene	UG/KG	500 R	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/KG	500 R	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/KG	500 R	27.3	10.5	39.6	68.6
2,4,5-Trichlorophenol	UG/KG	1200 R	NA	NA	NA	NA
2-Chloronaphthalene	UG/KG	500 R	NA	NA	NA	NA
2-Nitroaniline	UG/KG	1200 R	NA	NA	NA	NA
Dimethyl phthalate	UG/KG	500 R	NA	NA	NA	NA
Acenaphthylene	UG/KG	500 R	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/KG	500 R	NA	NA	NA	NA
3-Nitroaniline	UG/KG	1200 R	67.5	28.4	100.9	184.8
Acenaphthene	UG/KG	500 R	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	1200 R	NA	NA	NA	NA
4-Nitrophenol	UG/KG	1200 R	NA	NA	NA	NA
Dibenzofuran	UG/KG	500 R	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/KG	500 R	NA	NA	NA	NA
Diethylphthalate	UG/KG	500 R	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/KG	500 R	NA	NA	NA	NA
Fluorene	UG/KG	500 R	NA	NA	NA	NA
4-Nitroaniline	UG/KG	1200 R	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/KG	1200 R	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/KG	500 R	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/KG	500 R	NA	NA	NA	NA
Hexachlorobenzene	UG/KG	500 R	NA	NA	NA	NA
Pentachlorophenol	UG/KG	1200 R	NA	NA	NA	NA
Phenanthrene	UG/KG	500 R	NA	NA	NA	NA
Anthracene	UG/KG	500 R	NA	NA	NA	NA
Carbazole	UG/KG	500 R	NA	NA	NA	NA
di-n-Butylphthalate	UG/KG	500 R	NA	NA	NA	NA
Fluoranthene	UG/KG	500 R	NA	NA	NA	NA
Pyrene	UG/KG	500 R	NA	NA	NA	NA
Butyl benzyl phthalate	UG/KG	500 R	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/KG	500 R	NA	NA	NA	NA
Benzo[a]anthracene	UG/KG	500 R	NA	NA	NA	NA
Chrysene	UG/KG	500 R	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/KG	20000 J	6928.8	8813.6	15332.2	1.48654702E+17
di-n-Octylphthalate	UG/KG	610 J	265.5	236.9	544.2	27816.1
Benzo[b]fluoranthene	UG/KG	500 R	NA	NA	NA	NA
Benzo[k]fluoranthene	UG/KG	500 R	NA	NA	NA	NA
Benzo[a]pyrene	UG/KG	500 R	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	UG/KG	500 R	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/KG	500 R	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/KG	500 R	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLETS
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
PESTICIDES/PCBs						
alpha-BHC	UG/KG	ND	NA	NA	NA	NA
beta-BHC	UG/KG	ND	NA	NA	NA	NA
delta-BHC	UG/KG	ND	NA	NA	NA	NA
Lindane (gamma-BHC)	UG/KG	ND	NA	NA	NA	NA
Heptachlor	UG/KG	ND	NA	NA	NA	NA
Aldrin	UG/KG	ND	NA	NA	NA	NA
Heptachlor epoxide	UG/KG	ND	NA	NA	NA	NA
Endosulfan I	UG/KG	ND	NA	NA	NA	NA
Dieldrin	UG/KG	ND	NA	NA	NA	NA
4,4'-DDE	UG/KG	ND	NA	NA	NA	NA
Endrin	UG/KG	ND	NA	NA	NA	NA
Endosulfan II	UG/KG	ND	NA	NA	NA	NA
4,4'-DDD	UG/KG	ND	NA	NA	NA	NA
Endosulfan sulfate	UG/KG	ND	NA	NA	NA	NA
4,4'-DDT	UG/KG	ND	NA	NA	NA	NA
Methoxychlor	UG/KG	ND	NA	NA	NA	NA
Endrin ketone	UG/KG	ND	NA	NA	NA	NA
Endrin aldehyde	UG/KG	ND	NA	NA	NA	NA
alpha-Chlordane	UG/KG	ND	NA	NA	NA	NA
gamma-Chlordane	UG/KG	ND	NA	NA	NA	NA
Toxaphene	UG/KG	ND	NA	NA	NA	NA
Aroclor 1016	UG/KG	ND	NA	NA	NA	NA
Aroclor 1221	UG/KG	ND	NA	NA	NA	NA
Aroclor 1232	UG/KG	ND	NA	NA	NA	NA
Aroclor 1242	UG/KG	ND	NA	NA	NA	NA
Aroclor 1248	UG/KG	ND	NA	NA	NA	NA
Aroclor 1254	UG/KG	ND	NA	NA	NA	NA
Aroclor 1260	UG/KG	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLET
STAISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
METALS

Client Sample ID:		28OPFSLBF01	28OPFSWMF01	OP1A-BGA	OP1A-BGB	OP1A-RDA	OP1A-RDB
Laboratory Sample ID:		940426-10	940426-14	BC6A-G	BC6A-G	BC6A-G	BC6A-G
Date Sampled:		3/28/94	3/28/94	10/4/93	10/4/93	10/4/93	10/4/93
	UNITS						
Aluminum	MG/KG	0.7 U	0.8 U	1 U	0.37 U	3.1 U	0.75 U
Antimony	MG/KG	0.08 UJ	0.08 UJ	0.9 UL	0.6 UL	0.66 UL	0.65 UL
Arsenic	MG/KG			0.09 L	0.1 L	0.07 UL	0.08 L
Barium	MG/KG	0.36 J	0.60 J	0.495 U	0.315 U	0.5 U	0.75 U
Beryllium	MG/KG	0.0024 UJ	0.0024 UJ	0.015 U	0.01 U	0.01 U	0.01 U
Cadmium	MG/KG	0.01 UJ	0.01 UJ	0.1 UL	0.09 UL	0.1 UL	0.1 UL
Calcium	MG/KG	825	1420	13300	7300	10800	17000
Chromium	MG/KG			0.63 L	0.29 L	0.4 L	0.47 L
Cobalt	MG/KG	0.02 J	0.01 UJ	0.04 U	0.035 U	0.035 U	0.035 U
Copper	MG/KG	0.22 J	0.15 J	0.31 J	0.17 J	0.19 J	0.07 U
Iron	MG/KG	2.3 U	2.0 U	2.6 U	1.25 U	3.9 U	2.05 U
Lead	MG/KG	0.03 UJ	0.03 UJ	0.03 UL	0.02 UL	0.04 UL	0.04 UL
Magnesium	MG/KG	287	238	465	364	414	537
Manganese	MG/KG	0.06 UJ	0.09 UJ	2.2	1.3	1.5	1.8
Mercury	MG/KG	0.23 J	0.16 J	0.1	0.15	0.12	0.12
Nickel	MG/KG			0.42 UL	0.38 UL	0.41 UL	0.41 UL
Potassium	MG/KG	3450	2720	2940	3100	2870	3070
Selenium	MG/KG	0.32 J	0.26 J	0.15 U	0.15 U	0.14 U	0.125 U
Silver	MG/KG			0.03 UL	0.02 UL	0.02 UL	0.02 UL
Sodium	MG/KG	452	560	1000	905	975	1010
Thallium	MG/KG	0.01 UJ	0.01 UJ	0.05 U	0.045 U	0.05 U	0.05 U
Vanadium	MG/KG	0.01 UJ	0.01 UJ	0.05 U	0.045 U	0.05 U	0.05 U
Zinc	MG/KG			19.3	14.7	18.6	22.9

SITE 28
HADNOT POINT BURN DUMP - ORDE POND
FISH TISSUE - FILLET
STAISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Aluminum	MG/KG	ND	NA	NA	NA	NA
Antimony	MG/KG	ND	NA	NA	NA	NA
Arsenic	MG/KG	0.1 L	0.09	0.01	0.10	0.16
Barium	MG/KG	0.6 J	0.50	0.16	0.63	0.72
Beryllium	MG/KG	ND	NA	NA	NA	NA
Cadmium	MG/KG	ND	NA	NA	NA	NA
Calcium	MG/KG	17000	8440.83	6496.63	13785.09	380100.01
Chromium	MG/KG	0.66 R	0.45	0.14	0.62	1.10
Cobalt	MG/KG	0.02 J	0.03	0.01	0.04	0.06
Copper	MG/KG	0.31 J	0.19	0.08	0.25	0.35
Iron	MG/KG	ND	NA	NA	NA	NA
Lead	MG/KG	ND	NA	NA	NA	NA
Magnesium	MG/KG	537	384.17	111.35	475.77	542.29
Manganese	MG/KG	2.2	1.16	0.89	1.89	410.34
Mercury	MG/KG	0.23 J	0.15	0.05	0.18	0.20
Nickel	MG/KG	ND	NA	NA	NA	NA
Potassium	MG/KG	3450	3025.00	250.02	3230.67	3249.75
Selenium	MG/KG	0.32 J	0.19	0.08	0.26	0.29
Silver	MG/KG	ND	NA	NA	NA	NA
Sodium	MG/KG	1010	817.00	246.06	1019.41	1218.01
Thallium	MG/KG	ND	NA	NA	NA	NA
Vanadium	MG/KG	ND	NA	NA	NA	NA
Zinc	MG/KG	22.9	18.88	3.36	22.83	26.72

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28FS04SMWB01	28FS04SMWB02	28FS04AMWB01	28FS04AMWB02	28FS04AMWB03	28F5SFWB01	
Laboratory Sample ID:		940426-01	940426-02	940426-15	940426-16	940426-17	940426-09	
Date Sampled:		3/26/94	3/26/94	3/25/94	3/25/94	3/25/94	3/27/94	
VOLATILES								
Chloromethane	UG/KG							NA
Bromomethane	UG/KG							NA
Vinyl chloride	UG/KG							NA
Chloroethane	UG/KG							NA
Methylene chloride	UG/KG			13 J	2 J			NA
Acetone	UG/KG							NA
Carbon Disulfide	UG/KG							NA
1,1-Dichloroethene	UG/KG							NA
1,1-Dichloroethane	UG/KG							NA
1,2-Dichloroethene(total)	UG/KG							NA
Chloroform	UG/KG							NA
1,2-Dichloroethane	UG/KG							NA
2-Butanone	UG/KG	6 J	36 J					NA
1,1,1-Trichloroethane	UG/KG							NA
Carbon tetrachloride	UG/KG							NA
Bromodichloromethane	UG/KG							NA
1,2-Dichloropropane	UG/KG							NA
cis-1,3-Dichloropropene	UG/KG							NA
Trichloroethene	UG/KG							NA
Dibromochloromethane	UG/KG							NA
1,1,2-Trichloroethane	UG/KG							NA
Benzene	UG/KG				1 J			NA
trans-1,3-Dichloropropene	UG/KG							NA
Bromoform	UG/KG							NA
4-Methyl-2-pentanone	UG/KG							NA
2-Hexanone	UG/KG		4 J					NA
Tetrachloroethene	UG/KG							NA
1,1,2,2-Tetrachloroethane	UG/KG							NA
Toluene	UG/KG							NA
Chlorobenzene	UG/KG							NA
Ethylbenzene	UG/KG							NA
Styrene	UG/KG							NA
Xylenes (total)	UG/KG							NA

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28FS04SMWB01	28FS04SMWB02	28FS04AMWB01	28FS04AMWB02	28FS04AMWB03	28F5SFWB01
Laboratory Sample ID:		940426-01	940426-02	940426-15	940426-16	940426-17	940426-09
Date Sampled:		3/26/94	3/26/94	3/25/94	3/25/94	3/25/94	3/27/94
SEMIVOLATILES							
Phenol	UG/KG						
bis(2-Chloroethyl) ether	UG/KG						
2-Chlorophenol	UG/KG						
1,3-Dichlorobenzene	UG/KG						
1,4-Dichlorobenzene	UG/KG						
1,2-Dichlorobenzene	UG/KG						
2-Methylphenol	UG/KG						
2,2'-oxybis-(1-chloropropane)	UG/KG						
4-Methylphenol	UG/KG						
N-Nitroso-di-n-propylamine	UG/KG						
Hexachloroethane	UG/KG						
Nitrobenzene	UG/KG						
Isophorone	UG/KG						
2-Nitrophenol	UG/KG						
2,4-Dimethylphenol	UG/KG						
bis(2-Chloroethoxy) methane	UG/KG						
2,4-Dichlorophenol	UG/KG						
1,2,4-Trichlorobenzene	UG/KG						
Naphthalene	UG/KG						
4-Chloroaniline	UG/KG						
Hexachlorobutadiene	UG/KG						
4-Chloro-3-methylphenol	UG/KG						
2-Methylnaphthalene	UG/KG						
Hexachlorocyclopentadiene	UG/KG						
2,4,6-Trichlorophenol	UG/KG						
2,4,5-Trichlorophenol	UG/KG						
2-Chloronaphthalene	UG/KG						
2-Nitroaniline	UG/KG						
Dimethyl phthalate	UG/KG						
Acenaphthylene	UG/KG						
2,6-Dinitrotoluene	UG/KG						
3-Nitroaniline	UG/KG						
Acenaphthene	UG/KG						

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28FS04SMWB01	28FS04SMWB02	28FS04AMWB01	28FS04AMWB02	28FS04AMWB03	28F5SFWB01	
Laboratory Sample ID:		940426-01	940426-02	940426-15	940426-16	940426-17	940426-09	
Date Sampled:		3/26/94	3/26/94	3/25/94	3/25/94	3/25/94	3/27/94	
SEMIVOLATILES Cont.								
2,4-Dinitrophenol	UG/KG							
4-Nitrophenol	UG/KG							
Dibenzofuran	UG/KG							
2,4-Dinitrotoluene	UG/KG							
Diethylphthalate	UG/KG							
4-Chlorophenyl phenyl ether	UG/KG							
Fluorene	UG/KG							
4-Nitroaniline	UG/KG							
4,6-Dinitro-2-methylphenol	UG/KG							
N-nitrosodiphenylamine	UG/KG							
4-Bromophenyl-phenylether	UG/KG							
Hexachlorobenzene	UG/KG							
Pentachlorophenol	UG/KG							
Phenanthrene	UG/KG							
Anthracene	UG/KG							
Carbazole	UG/KG							
di-n-Butylphthalate	UG/KG							
Fluoranthene	UG/KG							
Pyrene	UG/KG							
Butyl benzyl phthalate	UG/KG							
3,3'-Dichlorobenzidine	UG/KG							
Benzo[a]anthracene	UG/KG							
Chrysene	UG/KG							
bis(2-Ethylhexyl)phthalate	UG/KG							1600 J
di-n-Octylphthalate	UG/KG							
Benzo[b]fluoranthene	UG/KG							
Benzo[k]fluoranthene	UG/KG							
Benzo[a]pyrene	UG/KG							
Indeno[1,2,3-cd]pyrene	UG/KG							
Dibenz[a,h]anthracene	UG/KG							
Benzo[g,h,i]perylene	UG/KG							

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID:		28FS04SMWB01	28FS04SMWB02	28FS04AMWB01	28FS04AMWB02	28FS04AMWB03	28F5SFWB01
Laboratory Sample ID:		940426-01	940426-02	940426-15	940426-16	940426-17	940426-09
Date Sampled:		3/26/94	3/26/94	3/25/94	3/25/94	3/25/94	3/27/94
PESTICIDES/PCBs							
alpha-BHC	UG/KG	2.5 UJ	2.5 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ
beta-BHC	UG/KG	2.5 U	2.5 UJ	1.3 U	2.4 NJ	1.3 U	1.3 U
delta-BHC	UG/KG	2.5 U	2.5 UJ	1.3 U	1.3 U	1.3 U	1.3 U
Lindane (gamma-BHC)	UG/KG	2.5 U	2.5 UJ	1.3 U	1.3 U	1.3 U	1.3 U
Heptachlor	UG/KG	2.5 U	2.5 UJ	1.3 U	1.3 U	1.3 U	1.3 U
Aldrin	UG/KG	2.5 U	2.5 UJ	1.3 U	1.3 U	1.3 U	1.3 U
Heptachlor epoxide	UG/KG	2.5 U	2.5 UJ	1.3 U	1.3 U	1.3 U	1.3 U
Endosulfan I	UG/KG	2.5 U	2.5 UJ	1.3 U	1.3 U	1.3 U	1.3 U
Dieldrin	UG/KG	4.9 U	4.9 UJ	2.5 U	2.5 U	2.5 U	2.5 U
4,4'-DDE	UG/KG	42	21 J	5.4	7.1	5.2	10
Endrin	UG/KG	4.9 U	4.9 UJ	2.5 U	2.5 U	2.5 U	2.5 U
Endosulfan II	UG/KG	4.9 U	4.9 UJ	2.5 U	2.5 U	2.5 U	2.5 U
4,4'-DDD	UG/KG	23 J	12 J	4.7 J	6.1 J	3.9 J	3.1 J
Endosulfan sulfate	UG/KG	4.9 U	4.9 UJ	2.5 U	2.5 U	2.5 U	2.5 U
4,4'-DDT	UG/KG	4.9 U	4.9 UJ	2.5 U	2.5 U	2.5 U	2.5 U
Methoxychlor	UG/KG	25 U	25 UJ	13 U	13 U	13 U	13 U
Endrin ketone	UG/KG	4.9 U	4.9 UJ	2.5 U	2.5 U	2.5 U	2.5 U
Endrin aldehyde	UG/KG	4.9 U	6.9 NJ	2.5 U	2.5 U	2.5 U	2.5 U
alpha-Chlordane	UG/KG	4.4 NJ	1.7 NJ	1.3 U	1.3 U	1.3 U	1.3 U
gamma-Chlordane	UG/KG	2.5 U	2.5 UJ	1.3 U	1.3 U	1.3 U	1.3 U
Toxaphene	UG/KG	250 U	250 UJ	125 U	125 U	125 U	125 U
Aroclor 1016	UG/KG	49 U	49 UJ	25 U	25 U	25 U	25 U
Aroclor 1221	UG/KG	100 U	100 UJ	50 U	50 U	49 U	50 U
Aroclor 1232	UG/KG	49 U	49 UJ	25 U	25 U	25 U	25 U
Aroclor 1242	UG/KG	49 U	49 UJ	25 U	25 U	25 U	25 U
Aroclor 1248	UG/KG	49 U	49 UJ	25 U	25 U	25 U	25 U
Aroclor 1254	UG/KG	49 U	49 UJ	25 U	25 U	25 U	25 U
Aroclor 1260	UG/KG	49 U	49 UJ	25 U	25 U	25 U	25 U

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/KG	10 R	NA	NA	NA	NA
Bromomethane	UG/KG	10 R	NA	NA	NA	NA
Vinyl chloride	UG/KG	10 R	NA	NA	NA	NA
Chloroethane	UG/KG	10 R	NA	NA	NA	NA
Methylene chloride	UG/KG	13 J	7.5	7.8	42.2	NA
Acetone	UG/KG	10 R	NA	NA	NA	NA
Carbon Disulfide	UG/KG	10 R	NA	NA	NA	NA
1,1-Dichloroethene	UG/KG	10 R	NA	NA	NA	NA
1,1-Dichloroethane	UG/KG	10 R	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/KG	10 R	NA	NA	NA	NA
Chloroform	UG/KG	10 R	NA	NA	NA	NA
1,2-Dichloroethane	UG/KG	10 R	NA	NA	NA	NA
2-Butanone	UG/KG	36 J	21.0	21.2	115.7	NA
1,1,1-Trichloroethane	UG/KG	10 R	NA	NA	NA	NA
Carbon tetrachloride	UG/KG	10 R	NA	NA	NA	NA
Bromodichloromethane	UG/KG	10 R	NA	NA	NA	NA
1,2-Dichloropropane	UG/KG	10 R	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/KG	10 R	NA	NA	NA	NA
Trichloroethene	UG/KG	10 R	NA	NA	NA	NA
Dibromochloromethane	UG/KG	10 R	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/KG	10 R	NA	NA	NA	NA
Benzene	UG/KG	10 R	1	NA	NA	NA
trans-1,3-Dichloropropene	UG/KG	10 R	NA	NA	NA	NA
Bromoform	UG/KG	10 R	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/KG	10 R	NA	NA	NA	NA
2-Hexanone	UG/KG	10 R	4	NA	NA	NA
Tetrachloroethene	UG/KG	10 R	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	10 R	NA	NA	NA	NA
Toluene	UG/KG	10 R	NA	NA	NA	NA
Chlorobenzene	UG/KG	10 R	NA	NA	NA	NA
Ethylbenzene	UG/KG	10 R	NA	NA	NA	NA
Styrene	UG/KG	10 R	NA	NA	NA	NA
Xylenes (total)	UG/KG	10 R	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/KG	490 R	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/KG	490 R	NA	NA	NA	NA
2-Chlorophenol	UG/KG	490 R	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	490 R	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	490 R	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	490 R	NA	NA	NA	NA
2-Methylphenol	UG/KG	490 R	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/KG	490 R	NA	NA	NA	NA
4-Methylphenol	UG/KG	490 R	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/KG	490 R	NA	NA	NA	NA
Hexachloroethane	UG/KG	490 R	NA	NA	NA	NA
Nitrobenzene	UG/KG	490 R	NA	NA	NA	NA
Isophorone	UG/KG	490 R	NA	NA	NA	NA
2-Nitrophenol	UG/KG	490 R	NA	NA	NA	NA
2,4-Dimethylphenol	UG/KG	490 R	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/KG	490 R	NA	NA	NA	NA
2,4-Dichlorophenol	UG/KG	490 R	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	490 R	NA	NA	NA	NA
Naphthalene	UG/KG	490 R	NA	NA	NA	NA
4-Chloroaniline	UG/KG	490 R	NA	NA	NA	NA
Hexachlorobutadiene	UG/KG	490 R	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/KG	490 R	NA	NA	NA	NA
2-Methylnaphthalene	UG/KG	490 R	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/KG	490 R	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/KG	490 R	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/KG	1200 R	NA	NA	NA	NA
2-Chloronaphthalene	UG/KG	490 R	NA	NA	NA	NA
2-Nitroaniline	UG/KG	1200 R	NA	NA	NA	NA
Dimethyl phthalate	UG/KG	490 R	NA	NA	NA	NA
Acenaphthylene	UG/KG	490 R	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/KG	490 R	NA	NA	NA	NA
3-Nitroaniline	UG/KG	1200 R	NA	NA	NA	NA
Acenaphthene	UG/KG	490 R	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	1200 R	NA	NA	NA	NA
4-Nitrophenol	UG/KG	1200 R	NA	NA	NA	NA
Dibenzofuran	UG/KG	490 R	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/KG	490 R	NA	NA	NA	NA
Diethylphthalate	UG/KG	490 R	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/KG	490 R	NA	NA	NA	NA
Fluorene	UG/KG	490 R	NA	NA	NA	NA
4-Nitroaniline	UG/KG	1200 R	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/KG	1200 R	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/KG	490 R	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/KG	490 R	NA	NA	NA	NA
Hexachlorobenzene	UG/KG	490 R	NA	NA	NA	NA
Pentachlorophenol	UG/KG	1200 R	NA	NA	NA	NA
Phenanthrene	UG/KG	490 R	NA	NA	NA	NA
Anthracene	UG/KG	490 R	NA	NA	NA	NA
Carbazole	UG/KG	490 R	NA	NA	NA	NA
di-n-Butylphthalate	UG/KG	490 R	NA	NA	NA	NA
Fluoranthene	UG/KG	490 R	NA	NA	NA	NA
Pyrene	UG/KG	490 R	NA	NA	NA	NA
Butyl benzyl phthalate	UG/KG	490 R	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/KG	490 R	NA	NA	NA	NA
Benzo[a]anthracene	UG/KG	490 R	NA	NA	NA	NA
Chrysene	UG/KG	490 R	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/KG	1600 J	1600	NA	NA	NA
di-n-Octylphthalate	UG/KG	490 R	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/KG	490 R	NA	NA	NA	NA
Benzo[k]fluoranthene	UG/KG	490 R	NA	NA	NA	NA
Benzo[a]pyrene	UG/KG	490 R	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	UG/KG	490 R	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/KG	490 R	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/KG	490 R	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP
FISH TISSUE - WHOLE BODY
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TCL ORGANICS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
PESTICIDES/PCBs						
alpha-BHC	UG/KG	ND	NA	NA	NA	NA
beta-BHC	UG/KG	2.4 NJ	1.9	0.7	2.4	2.8
delta-BHC	UG/KG	ND	NA	NA	NA	NA
Lindane (gamma-BHC)	UG/KG	ND	NA	NA	NA	NA
Heptachlor	UG/KG	ND	NA	NA	NA	NA
Aldrin	UG/KG	ND	NA	NA	NA	NA
Heptachlor epoxide	UG/KG	ND	NA	NA	NA	NA
Endosulfan I	UG/KG	ND	NA	NA	NA	NA
Dieldrin	UG/KG	ND	NA	NA	NA	NA
4,4'-DDE	UG/KG	42	15.1	14.4	27.0	67.9
Endrin	UG/KG	ND	NA	NA	NA	NA
Endosulfan II	UG/KG	ND	NA	NA	NA	NA
4,4'-DDD	UG/KG	23 J	8.8	7.6	15.1	30.7
Endosulfan sulfate	UG/KG	ND	NA	NA	NA	NA
4,4'-DDT	UG/KG	ND	NA	NA	NA	NA
Methoxychlor	UG/KG	ND	NA	NA	NA	NA
Endrin ketone	UG/KG	ND	NA	NA	NA	NA
Endrin aldehyde	UG/KG	6.9 NJ	3.6	1.9	5.1	6.3
alpha-Chlordane	UG/KG	4.4 NJ	1.9	1.3	2.9	3.6
gamma-Chlordane	UG/KG	ND	NA	NA	NA	NA
Toxaphene	UG/KG	ND	NA	NA	NA	NA
Aroclor 1016	UG/KG	ND	NA	NA	NA	NA
Aroclor 1221	UG/KG	ND	NA	NA	NA	NA
Aroclor 1232	UG/KG	ND	NA	NA	NA	NA
Aroclor 1242	UG/KG	ND	NA	NA	NA	NA
Aroclor 1248	UG/KG	ND	NA	NA	NA	NA
Aroclor 1254	UG/KG	ND	NA	NA	NA	NA
Aroclor 1260	UG/KG	ND	NA	NA	NA	NA

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
FISH TISSUE - FILLETS
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28FS04SMF01	28FS04SMF02	28FS05SMF01	28F04SFF01	28F05SFF01	28F05SFF02
Laboratory Sample ID:		940426-03	940426-04	940426-05	940426-06	940426-07	940426-08
Date Sampled:		3/27/94	3/26/94	3/25/94	3/28/94	3/25/94	3/27/94
Percent Solids		23	22	22	20	21	22
	UNITS						
Aluminum	MG/KG	0.8 U	1.6 U	3.5 U	1.1 U	0.8 U	1.5 U
Antimony	MG/KG	0.08 UJ	0.08 UJ	0.09 UJ	0.14 UJ	0.19 J	0.08 UJ
Arsenic	MG/KG	0.30 J	0.38 J	0.58 J	0.64 J	0.77 J	0.83 J
Barium	MG/KG	0.70 J	0.76 J	0.88 J	0.98 J	0.41 J	0.62 J
Beryllium	MG/KG	0.0024 UJ	0.0024 UJ	0.003 UJ	0.0040 UJ	0.0025 UJ	0.0023 UJ
Cadmium	MG/KG	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Calcium	MG/KG	600	732	1280	288	138 U	130 U
Chromium	MG/KG						
Cobalt	MG/KG	0.03 J	0.01 UJ	0.03 J	0.02 UJ	0.01 UJ	0.01 UJ
Copper	MG/KG	0.61 J	0.36 J	0.47 J	0.18 J	0.29 J	0.18 J
Iron	MG/KG	5.6 U	5.9 U	5.9 U	2.6 U	4.2 U	3.3 U
Lead	MG/KG	0.04 UJ	0.04 UJ	0.05 UJ	0.04 UJ	0.03 UJ	0.04 UJ
Magnesium	MG/KG	172	193	271	217	244	246
Manganese	MG/KG	0.18 UJ	0.15 UJ	0.15 UJ	0.11 UJ	0.12 UJ	0.08 UJ
Mercury	MG/KG	0.0024 J	0.0037 J	0.0009 U	0.011 J	0.009 J	0.019 J
Nickel	MG/KG						
Potassium	MG/KG	2570	2760	3810	3010	3780	3680
Selenium	MG/KG	0.10 J	0.15 J	0.13 J	0.16 J	0.24 J	0.25 J
Silver	MG/KG						
Sodium	MG/KG	380	402	504	501	420	408
Thallium	MG/KG	0.01 UJ	0.01 UJ	0.01 UJ	0.02 UJ	0.01 UJ	0.01 UJ
Vanadium	MG/KG	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Zinc	MG/KG						

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
FISH TISSUE - FILLETS
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		28FS04SSF01	28FS04BDF01
Laboratory Sample ID:		940426-19	940426-18
Date Sampled:		3/29/94	3/28/94
Percent Solids		22	21
	UNITS		
Aluminum	MG/KG	0.7 U	3.3 U
Antimony	MG/KG	0.24 J	0.09 UJ
Arsenic	MG/KG	0.17 J	0.95 J
Barium	MG/KG	0.49 J	0.46 J
Beryllium	MG/KG	0.0024 UJ	0.0025 UJ
Cadmium	MG/KG	0.01 UJ	0.01 UJ
Calcium	MG/KG	331	812
Chromium	MG/KG		
Cobalt	MG/KG	0.01 UJ	0.01 UJ
Copper	MG/KG	0.44 J	0.44 J
Iron	MG/KG	1.7 U	7.3 U
Lead	MG/KG	0.05 UJ	0.03 UJ
Magnesium	MG/KG	228	178
Manganese	MG/KG	0.07 UJ	0.14 U
Mercury	MG/KG	0.061 J	0.024 J
Nickel	MG/KG		
Potassium	MG/KG	3180	2210
Selenium	MG/KG	0.27 J	0.39 J
Silver	MG/KG		
Sodium	MG/KG	464	529
Thallium	MG/KG	0.01 UJ	0.01 UJ
Vanadium	MG/KG	0.01 UJ	0.03 J
Zinc	MG/KG		

SITE 28
HADNOT POINT BURN DUMP - NEW RIVER
FISH TISSUE - FILLETS
STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Percent Solids						
Aluminum	MG/KG	ND	NA	NA	NA	NA
Antimony	MG/KG	0.24 J	0.12	0.06	0.16	0.18
Arsenic	MG/KG	0.95 J	0.58	0.27	0.76	1.07
Barium	MG/KG	0.98 J	0.66	0.21	0.80	0.87
Beryllium	MG/KG	ND	NA	NA	NA	NA
Cadmium	MG/KG	ND	NA	NA	NA	NA
Calcium	MG/KG	1280	538.9	396.2	804.3	1625.7
Chromium	MG/KG	1.5 R	NA	NA	NA	NA
Cobalt	MG/KG	0.03 J	0.02	0.01	0.02	0.02
Copper	MG/KG	0.61 J	0.37	0.15	0.47	0.57
Iron	MG/KG	ND	NA	NA	NA	NA
Lead	MG/KG	ND	NA	NA	NA	NA
Magnesium	MG/KG	271	218.6	35.3	242.3	247.2
Manganese	MG/KG	ND	NA	NA	NA	NA
Mercury	MG/KG	0.061 J	0.02	0.02	0.03	0.27
Nickel	MG/KG	0.85 R	NA	NA	NA	NA
Potassium	MG/KG	3810	3125.0	597.7	3525.5	3628.7
Selenium	MG/KG	0.39 J	0.21	0.09	0.27	0.32
Silver	MG/KG	0.04 R	NA	NA	NA	NA
Sodium	MG/KG	529	451.0	55.8	488.4	494.6
Thallium	MG/KG	ND	NA	NA	NA	NA
Vanadium	MG/KG	0.03 J	0.01	0.01	0.02	0.02
Zinc	MG/KG	6.5 R	NA	NA	NA	NA

SITE 30

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB01-00	30-SB02-00	30-SB03-00	30-SB04-00	30-SB05-00	30-SB06-00
Laboratory Sample ID:		940226-07	940226-08	940226-10	940226-11	940226-13	940226-15
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Acetone	UG/KG	6 U	6 U	6 U	6 U	11 U	10 J
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
2-Butanone	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	2 J
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
2-Hexanone	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	5 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB01-00	30-SB02-00	30-SB03-00	30-SB04-00	30-SB05-00	30-SB06-00
Laboratory Sample ID:		940226-07	940226-08	940226-10	940226-11	940226-13	940226-15
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
bis(2-Chloroethyl) ether	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
2-Chlorophenol	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
1,3-Dichlorobenzene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
1,4-Dichlorobenzene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
1,2-Dichlorobenzene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
2-Methylphenol	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
2,2'-oxybis-(1-chloropropane)	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
4-Methylphenol	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
N-Nitroso-di-n-propylamine	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Hexachloroethane	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Nitrobenzene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Isophorone	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
2-Nitrophenol	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
2,4-Dimethylphenol	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
bis(2-Chloroethoxy) methane	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
2,4-Dichlorophenol	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
1,2,4-Trichlorobenzene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Naphthalene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
4-Chloroaniline	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Hexachlorobutadiene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
4-Chloro-3-methylphenol	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
2-Methylnaphthalene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Hexachlorocyclopentadiene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
2,4,6-Trichlorophenol	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
2,4,5-Trichlorophenol	UG/KG	430 U	430 U	435 U	440 U	430 U	435 U
2-Chloronaphthalene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
2-Nitroaniline	UG/KG	430 U	430 U	435 U	440 U	430 U	435 U
Dimethyl phthalate	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Acenaphthylene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
2,6-Dinitrotoluene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
3-Nitroaniline	UG/KG	430 U	430 U	435 U	440 U	430 U	435 U
Acenaphthene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB01-00	30-SB02-00	30-SB03-00	30-SB04-00	30-SB05-00	30-SB06-00
Laboratory Sample ID:		940226-07	940226-08	940226-10	940226-11	940226-13	940226-15
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	430 U	430 U	435 U	440 U	430 U	435 U
4-Nitrophenol	UG/KG	430 U	430 U	435 U	440 U	430 U	435 U
Dibenzofuran	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
2,4-Dinitrotoluene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Diethylphthalate	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
4-Chlorophenyl phenyl ether	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Fluorene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
4-Nitroaniline	UG/KG	430 U	430 U	435 U	440 U	430 U	435 U
4,6-Dinitro-2-methylphenol	UG/KG	430 U	430 U	435 U	440 U	430 U	435 U
N-nitrosodiphenylamine	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
4-Bromophenyl-phenylether	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Hexachlorobenzene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Pentachlorophenol	UG/KG	430 U	430 U	435 U	440 U	430 U	435 U
Phenanthrene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Anthracene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Carbazole	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
di-n-Butylphthalate	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Fluoranthene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Pyrene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Butyl benzyl phthalate	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
3,3'-Dichlorobenzidine	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Benzo[a]anthracene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Chrysene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
bis(2-Ethylhexyl)phthalate	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
di-n-Octylphthalate	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Benzo[b]fluoranthene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Benzo[k]fluoranthene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Benzo[a]pyrene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Indeno[1,2,3-cd]pyrene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Dibenz[a,h]anthracene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U
Benzo[g,h,i]perylene	UG/KG	180 U	175 U	180 U	180 U	180 U	180 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB07-00	30-SB08-00	30-SB09-00	30-SB10-00	30-SB11-00
Laboratory Sample ID:		940226-17	940226-18	940226-20	940226-22	940226-24
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94
	UNITS					
VOLATILES						
Chloromethane	UG/KG	6 U	6 U	5 UJ	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	5 UJ	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	5 UJ	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	5 UJ	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	5 UJ	6 U	6 U
Acetone	UG/KG	10 J	25	12 UJ	6 U	7 U
Carbon Disulfide	UG/KG	6 U	6 U	5 UJ	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	5 UJ	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	5 UJ	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	5 UJ	6 U	6 U
Chloroform	UG/KG	6 U	6 U	5 UJ	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	5 UJ	6 U	6 U
2-Butanone	UG/KG	6 U	6 U	5 UJ	6 U	6 U
1,1,1-Trichloroethane	UG/KG	3 J	6 UJ	5 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 UJ	6 UJ	5 U	6 U	6 U
Bromodichloromethane	UG/KG	6 UJ	6 UJ	5 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 UJ	6 UJ	5 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 UJ	6 UJ	5 U	6 U	6 U
Trichloroethene	UG/KG	6 UJ	6 UJ	5 U	6 U	6 U
Dibromochloromethane	UG/KG	6 UJ	6 UJ	5 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 UJ	6 UJ	5 U	6 U	6 U
Benzene	UG/KG	6 UJ	6 UJ	5 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 UJ	6 UJ	5 U	6 U	6 U
Bromoform	UG/KG	6 UJ	6 UJ	5 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 UJ	6 UJ	5 UJ	6 UJ	6 U
2-Hexanone	UG/KG	6 UJ	6 UJ	5 UJ	6 UJ	6 U
Tetrachloroethene	UG/KG	6 UJ	6 UJ	5 UJ	6 UJ	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 UJ	6 UJ	5 UJ	6 UJ	6 U
Toluene	UG/KG	6 UJ	6 UJ	5 UJ	6 UJ	6 U
Chlorobenzene	UG/KG	6 UJ	6 UJ	5 UJ	6 UJ	6 U
Ethylbenzene	UG/KG	6 UJ	6 UJ	5 UJ	6 UJ	6 U
Styrene	UG/KG	6 UJ	6 UJ	5 UJ	6 UJ	6 U
Xylenes (total)	UG/KG	6 UJ	6 UJ	5 UJ	6 UJ	6 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB07-00	30-SB08-00	30-SB09-00	30-SB10-00	30-SB11-00
Laboratory Sample ID:		940226-17	940226-18	940226-20	940226-22	940226-24
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94
	UNITS					
SEMIVOLATILES						
Phenol	UG/KG	180 U	180 U	175 U	180 U	185 U
bis(2-Chloroethyl) ether	UG/KG	180 U	180 U	175 U	180 U	185 U
2-Chlorophenol	UG/KG	180 U	180 U	175 U	180 U	185 U
1,3-Dichlorobenzene	UG/KG	180 U	180 U	175 U	180 U	185 U
1,4-Dichlorobenzene	UG/KG	180 U	180 U	175 U	180 U	185 U
1,2-Dichlorobenzene	UG/KG	180 U	180 U	175 U	180 U	185 U
2-Methylphenol	UG/KG	180 U	180 U	175 U	180 U	185 U
2,2'-oxybis-(1-chloropropane)	UG/KG	180 U	180 U	175 U	180 U	185 U
4-Methylphenol	UG/KG	180 U	180 U	175 U	180 U	185 U
N-Nitroso-di-n-propylamine	UG/KG	180 U	180 U	175 U	180 U	185 U
Hexachloroethane	UG/KG	180 U	180 U	175 U	180 U	185 U
Nitrobenzene	UG/KG	180 U	180 U	175 U	180 U	185 U
Isophorone	UG/KG	180 U	180 U	175 U	180 U	185 U
2-Nitrophenol	UG/KG	180 U	180 U	175 U	180 U	185 U
2,4-Dimethylphenol	UG/KG	180 U	180 U	175 U	180 U	185 U
bis(2-Chloroethoxy) methane	UG/KG	180 U	180 U	175 U	180 U	185 U
2,4-Dichlorophenol	UG/KG	180 U	180 U	175 U	180 U	185 U
1,2,4-Trichlorobenzene	UG/KG	180 U	180 U	175 U	180 U	185 U
Naphthalene	UG/KG	180 U	180 U	175 U	180 U	185 U
4-Chloroaniline	UG/KG	180 U	180 U	175 U	180 U	185 U
Hexachlorobutadiene	UG/KG	180 U	180 U	175 U	180 U	185 U
4-Chloro-3-methylphenol	UG/KG	180 U	180 U	175 U	180 U	185 U
2-Methylnaphthalene	UG/KG	180 U	180 U	175 U	180 U	185 U
Hexachlorocyclopentadiene	UG/KG	180 U	180 U	175 U	180 U	185 U
2,4,6-Trichlorophenol	UG/KG	180 U	180 U	175 U	180 U	185 U
2,4,5-Trichlorophenol	UG/KG	435 U	440 U	430 U	440 U	455 U
2-Chloronaphthalene	UG/KG	180 U	180 U	175 U	180 U	185 U
2-Nitroaniline	UG/KG	435 U	440 U	430 U	440 U	455 U
Dimethyl phthalate	UG/KG	180 U	180 U	175 U	180 U	185 U
Acenaphthylene	UG/KG	180 U	180 U	175 U	180 U	185 U
2,6-Dinitrotoluene	UG/KG	180 U	180 U	175 U	180 U	185 U
3-Nitroaniline	UG/KG	435 U	440 U	430 U	440 U	455 U
Acenaphthene	UG/KG	180 U	180 U	175 U	180 U	185 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB07-00	30-SB08-00	30-SB09-00	30-SB10-00	30-SB11-00
Laboratory Sample ID:		940226-17	940226-18	940226-20	940226-22	940226-24
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94
	UNITS					
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	435 U	440 U	430 U	440 U	455 U
4-Nitrophenol	UG/KG	435 U	440 U	430 U	440 U	455 U
Dibenzofuran	UG/KG	180 U	180 U	175 U	180 U	185 U
2,4-Dinitrotoluene	UG/KG	180 U	180 U	175 U	180 U	185 U
Diethylphthalate	UG/KG	180 U	180 U	175 U	180 U	185 U
4-Chlorophenyl phenyl ether	UG/KG	180 U	180 U	175 U	180 U	185 U
Fluorene	UG/KG	180 U	180 U	175 U	180 U	185 U
4-Nitroaniline	UG/KG	435 U	440 U	430 U	440 U	455 U
4,6-Dinitro-2-methylphenol	UG/KG	435 U	440 U	430 U	440 U	455 U
N-nitrosodiphenylamine	UG/KG	180 U	180 U	175 U	180 U	185 U
4-Bromophenyl-phenylether	UG/KG	180 U	180 U	175 U	180 U	185 U
Hexachlorobenzene	UG/KG	180 U	180 U	175 U	180 U	185 U
Pentachlorophenol	UG/KG	435 U	440 U	430 U	440 U	455 U
Phenanthrene	UG/KG	180 U	180 U	175 U	180 U	185 U
Anthracene	UG/KG	180 U	180 U	175 U	180 U	185 U
Carbazole	UG/KG	180 U	180 U	175 U	180 U	185 U
di-n-Butylphthalate	UG/KG	180 U	180 U	175 U	180 U	185 U
Fluoranthene	UG/KG	180 U	180 U	175 U	180 U	185 U
Pyrene	UG/KG	180 U	180 U	175 U	180 U	185 U
Butyl benzyl phthalate	UG/KG	180 U	180 U	175 U	180 U	185 U
3,3'-Dichlorobenzidine	UG/KG	180 U	180 U	175 U	180 U	185 U
Benzo[a]anthracene	UG/KG	180 U	180 U	175 U	180 U	185 U
Chrysene	UG/KG	180 U	180 U	175 U	180 U	185 U
bis(2-Ethylhexyl)phthalate	UG/KG	180 U	180 U	37 J	180 U	185 U
di-n-Octylphthalate	UG/KG	180 U	180 U	175 U	180 U	185 U
Benzo[b]fluoranthene	UG/KG	180 U	180 U	175 U	180 U	185 U
Benzo[k]fluoranthene	UG/KG	180 U	180 U	175 U	180 U	185 U
Benzo[a]pyrene	UG/KG	180 U	180 U	175 U	180 U	185 U
Indeno[1,2,3-cd]pyrene	UG/KG	180 U	180 U	175 U	180 U	185 U
Dibenz[a,h]anthracene	UG/KG	180 U	180 U	175 U	180 U	185 U
Benzo[g,h,i]perylene	UG/KG	180 U	180 U	175 U	180 U	185 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/KG	ND	NA	NA	NA	NA
Bromomethane	UG/KG	ND	NA	NA	NA	NA
Vinyl chloride	UG/KG	ND	NA	NA	NA	NA
Chloroethane	UG/KG	ND	NA	NA	NA	NA
Methylene chloride	UG/KG	ND	NA	NA	NA	NA
Acetone	UG/KG	25	9.3	5.7	12.4	12.8
Carbon Disulfide	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethene	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/KG	ND	NA	NA	NA	NA
Chloroform	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
2-Butanone	UG/KG	ND	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/KG	3 J	5.0	1.3	5.6	6.3
Carbon tetrachloride	UG/KG	ND	NA	NA	NA	NA
Bromodichloromethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/KG	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Trichloroethene	UG/KG	ND	NA	NA	NA	NA
Dibromochloromethane	UG/KG	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/KG	ND	NA	NA	NA	NA
Benzene	UG/KG	ND	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Bromoform	UG/KG	ND	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/KG	ND	NA	NA	NA	NA
2-Hexanone	UG/KG	ND	NA	NA	NA	NA
Tetrachloroethene	UG/KG	ND	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	ND	NA	NA	NA	NA
Toluene	UG/KG	ND	NA	NA	NA	NA
Chlorobenzene	UG/KG	ND	NA	NA	NA	NA
Ethylbenzene	UG/KG	ND	NA	NA	NA	NA
Styrene	UG/KG	ND	NA	NA	NA	NA
Xylenes (total)	UG/KG	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/KG	ND	NA	NA	NA	NA
2-Chlorophenol	UG/KG	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
2-Methylphenol	UG/KG	ND	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/KG	ND	NA	NA	NA	NA
4-Methylphenol	UG/KG	ND	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/KG	ND	NA	NA	NA	NA
Hexachloroethane	UG/KG	ND	NA	NA	NA	NA
Nitrobenzene	UG/KG	ND	NA	NA	NA	NA
Isophorone	UG/KG	ND	NA	NA	NA	NA
2-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
2,4-Dimethylphenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/KG	ND	NA	NA	NA	NA
2,4-Dichlorophenol	UG/KG	ND	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	ND	NA	NA	NA	NA
Naphthalene	UG/KG	ND	NA	NA	NA	NA
4-Chloroaniline	UG/KG	ND	NA	NA	NA	NA
Hexachlorobutadiene	UG/KG	ND	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/KG	ND	NA	NA	NA	NA
2-Methylnaphthalene	UG/KG	ND	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/KG	ND	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2-Chloronaphthalene	UG/KG	ND	NA	NA	NA	NA
2-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Dimethyl phthalate	UG/KG	ND	NA	NA	NA	NA
Acenaphthylene	UG/KG	ND	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
3-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Acenaphthene	UG/KG	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	ND	NA	NA	NA	NA
4-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
Dibenzofuran	UG/KG	ND	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
Diethylphthalate	UG/KG	ND	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/KG	ND	NA	NA	NA	NA
Fluorene	UG/KG	ND	NA	NA	NA	NA
4-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/KG	ND	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/KG	ND	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/KG	ND	NA	NA	NA	NA
Hexachlorobenzene	UG/KG	ND	NA	NA	NA	NA
Pentachlorophenol	UG/KG	ND	NA	NA	NA	NA
Phenanthrene	UG/KG	ND	NA	NA	NA	NA
Anthracene	UG/KG	ND	NA	NA	NA	NA
Carbazole	UG/KG	ND	NA	NA	NA	NA
di-n-Butylphthalate	UG/KG	ND	NA	NA	NA	NA
Fluoranthene	UG/KG	ND	NA	NA	NA	NA
Pyrene	UG/KG	ND	NA	NA	NA	NA
Butyl benzyl phthalate	UG/KG	ND	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/KG	ND	NA	NA	NA	NA
Benzo[a]anthracene	UG/KG	ND	NA	NA	NA	NA
Chrysene	UG/KG	ND	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/KG	37 J	167.0	43.2	190.6	242.7
di-n-Octylphthalate	UG/KG	ND	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/KG	ND	NA	NA	NA	NA
Benzo[k]fluoranthene	UG/KG	ND	NA	NA	NA	NA
Benzo[a]pyrene	UG/KG	ND	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	UG/KG	ND	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/KG	ND	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/KG	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - STATISTICAL DATA SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SB01-00	30-SB02-00	30-SB03-00	30-SB04-00	30-SB05-00	30-SB06-00
Laboratory Sample ID:		940226-07	940226-08	940226-10	940226-11	940226-13	940226-15
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
	UNITS						
Aluminum	MG/KG	56.0	77.6	61.2	39.0	596	104
Antimony	MG/KG	2.6 U	3.0 U	2.9 U	3.3 U	3.0 U	2.8 U
Arsenic	MG/KG	0.23 U	0.27 U	0.26 U	0.29 U	0.26 U	0.25 U
Barium	MG/KG	0.6 U	0.6 U	0.6 U	0.7 U	2.2	2.2
Beryllium	MG/KG	0.08 U	0.09 U	0.09 U	0.10 U	0.09 U	0.08 U
Cadmium	MG/KG	0.23 U	0.27 U	0.26 U	0.29 U	0.26 U	0.25 U
Calcium	MG/KG	5.2 U	6.2 U	3.9 U	9.1 U	16.1 U	12.3 U
Chromium	MG/KG	1.4	0.6 U	0.6 U	0.7 U	0.6 U	0.6 U
Cobalt	MG/KG	0.31 U	0.35 U	0.35 U	0.39 U	0.35 U	0.33 U
Copper	MG/KG	0.46 U	0.6 U	0.5 U	0.6 U	2.3	0.50 U
Iron	MG/KG	167	205	153	194	470	156
Lead	MG/KG	0.6 U	1.6	0.7 U	1.6	3.2	1.9
Magnesium	MG/KG	2.1 U	7.1	7.3	5.6	13.3	9.2
Manganese	MG/KG	4.7 J	5.7 J	5.3 J	8.6 J	6.0 J	5.1 J
Mercury	MG/KG	0.03 U	0.03 U	0.03 U	0.05	0.02 U	0.03 U
Nickel	MG/KG	0.6 U	0.6 U	0.6 U	0.7 U	0.6 U	0.6 U
Potassium	MG/KG	6.8 U	7.7 U	5.1 U	2.8 U	12.1 U	8.9 U
Selenium	MG/KG	0.31 U	0.35 U	0.35 U	0.39 U	0.35 U	0.33 U
Silver	MG/KG	0.39 UJ	0.44 UJ	0.43 UJ	0.48 UJ	0.44 UJ	0.41 UJ
Sodium	MG/KG	8.4	4.5 U	20.1	10.1	19.2	18.3
Thallium	MG/KG	0.31 U	0.35 U	0.35 U	0.39 U	0.35 U	0.33 U
Vanadium	MG/KG	1.5	1.4	1.7	1.6	1.8	1.0
Zinc	MG/KG	0.27 U	0.39 U	0.41 U	0.48 U	5.7	0.8 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - STATISTICAL DATA SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SB07-00	30-SB08-00	30-SB09-00	30-SB10-00	30-SB11-00	30-SB18-00
Laboratory Sample ID:		940226-17	940226-18	940226-20	940226-22	940226-24	940283-03
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94	4/8/94
	UNITS						
Aluminum	MG/KG	254	167	198	237	1390	222
Antimony	MG/KG	2.9 U	2.8 U	2.8 U	2.7 U	2.8 U	3.3 U
Arsenic	MG/KG	0.26 U	0.25 U	0.24 U	0.23 U	0.25 U	0.29 U
Barium	MG/KG	1.5	0.6 U	0.6 U	1.5	2.3	2.2
Beryllium	MG/KG	0.09 U	0.09 U	0.08 U	0.08 U	0.08 U	0.10 U
Cadmium	MG/KG	0.26 U	0.25 U	0.24 U	0.23 U	0.25 U	0.29 U
Calcium	MG/KG	5.5 U	7.4 U	6.3 U	7.2 U	9.7 U	12.5 U
Chromium	MG/KG	1.4	2.0	1.9	0.6 U	1.6	1.0 U
Cobalt	MG/KG	0.34 U	0.33 U	0.32 U	0.31 U	0.33 U	0.39 U
Copper	MG/KG	0.5 U	1.1	0.48 U	0.47 U	1.0	0.6 U
Iron	MG/KG	295	179	359	247	1050	266
Lead	MG/KG	2.2	1.8	1.5	3.7	8.0	3.3
Magnesium	MG/KG	7.5	5.8	2.2 U	7.4	31.1	11.3
Manganese	MG/KG	8.0 J	4.4 J	5.7 J	2.6 J	4.1 J	8.3
Mercury	MG/KG	0.03 U	0.03 U	0.03 U	0.03 U	0.07	0.03 U
Nickel	MG/KG	0.6 U	0.6 U	0.6 U	0.8 U	1.5 U	0.7 UJ
Potassium	MG/KG	1.7 U	11.4 U	7.1 U	8.5	19.3	1.0 U
Selenium	MG/KG	0.34 U	0.33 U	0.32 U	0.31 U	0.33 U	0.39 UJ
Silver	MG/KG	0.42 UJ	0.42 UJ	0.40 UJ	0.39 UJ	0.41 UJ	0.49 UJ
Sodium	MG/KG	15.9	16.1	9.4	4.0 U	4.2 U	7.3 U
Thallium	MG/KG	0.34 U	0.33 U	0.32 U	0.31 U	0.33 U	0.39 U
Vanadium	MG/KG	1.7	1.1	2.0	1.2	3.0	1.9
Zinc	MG/KG	0.30 U	0.25 U	0.25 U	0.9 U	1.5 U	1.9

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - STATISTICAL DATA SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SB19-00	30-SB20-00
Laboratory Sample ID:		940283-05	940283-08
Date Sampled:		4/8/94	4/8/94
	UNITS		
Aluminum	MG/KG	1060	159
Antimony	MG/KG	3.6 U	3.5 U
Arsenic	MG/KG	0.32 U	0.30 U
Barium	MG/KG	2.1	1.6
Beryllium	MG/KG	0.11 U	0.10 U
Cadmium	MG/KG	0.32 U	0.30 U
Calcium	MG/KG	92.1 J	9.8 U
Chromium	MG/KG	1.4 U	1.1 U
Cobalt	MG/KG	0.43 U	0.41 U
Copper	MG/KG	1.5	1.4
Iron	MG/KG	607	241
Lead	MG/KG	2.7	2.5
Magnesium	MG/KG	39.4	9.4
Manganese	MG/KG	7.8	8.3
Mercury	MG/KG	0.03 U	0.02 U
Nickel	MG/KG	0.8 UJ	0.7 UJ
Potassium	MG/KG	23.0 U	2.7 U
Selenium	MG/KG	0.43 UJ	0.41 UJ
Silver	MG/KG	0.6 UJ	0.5 UJ
Sodium	MG/KG	8.7 U	8.2 U
Thallium	MG/KG	0.43 U	0.41 U
Vanadium	MG/KG	3.1	1.4
Zinc	MG/KG	3.1	1.4

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE SOIL - STATISTICAL DATA SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Aluminum	MG/KG	1390	330.1	408.9	523.6	868.6
Antimony	MG/KG	ND	NA	NA	NA	NA
Arsenic	MG/KG	ND	NA	NA	NA	NA
Barium	MG/KG	2.3	1.4	0.7	1.7	2.1
Beryllium	MG/KG	ND	NA	NA	NA	NA
Cadmium	MG/KG	ND	NA	NA	NA	NA
Calcium	MG/KG	92.1 J	14.5	22.6	25.2	21.3
Chromium	MG/KG	2	1.1	0.5	1.3	1.5
Cobalt	MG/KG	ND	NA	NA	NA	NA
Copper	MG/KG	2.3	0.9	0.6	1.1	1.2
Iron	MG/KG	1050	327.8	245.1	443.8	455.4
Lead	MG/KG	8	2.5	1.8	3.4	3.9
Magnesium	MG/KG	39.4	11.3	10.7	16.4	20.8
Manganese	MG/KG	8.6 J	6.0	1.9	6.9	7.4
Mercury	MG/KG	0.07	0.03	0.01	0.04	0.04
Nickel	MG/KG	ND	NA	NA	NA	NA
Potassium	MG/KG	19.3	8.4	6.4	11.4	18.7
Selenium	MG/KG	ND	NA	NA	NA	NA
Silver	MG/KG	ND	NA	NA	NA	NA
Sodium	MG/KG	20.1	11.0	5.8	13.7	15.9
Thallium	MG/KG	ND	NA	NA	NA	NA
Vanadium	MG/KG	3.1	1.7	0.6	2.0	2.1
Zinc	MG/KG	5.7	1.2	1.5	2.0	3.1

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB01-04	30-SB02-03	30-SB03-03	30-SB04-03	30-SB05-03	30-SB06-03
Laboratory Sample ID:		940227-01	940226-09	940227-02	940226-12	940227-03	940226-16
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	34	6 U	18 U	6 U	6 U	9 J
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U	6 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB01-04	30-SB02-03	30-SB03-03	30-SB04-03	30-SB05-03	30-SB06-03
Laboratory Sample ID:		940227-01	940226-09	940227-02	940226-12	940227-03	940226-16
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
bis(2-Chloroethyl) ether	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
2-Chlorophenol	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
1,3-Dichlorobenzene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
1,4-Dichlorobenzene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
1,2-Dichlorobenzene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
2-Methylphenol	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
2,2'-oxybis-(1-chloropropane)	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
4-Methylphenol	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
N-Nitroso-di-n-propylamine	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Hexachloroethane	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Nitrobenzene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Isophorone	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
2-Nitrophenol	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
2,4-Dimethylphenol	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
bis(2-Chloroethoxy) methane	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
2,4-Dichlorophenol	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
1,2,4-Trichlorobenzene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Naphthalene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
4-Chloroaniline	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Hexachlorobutadiene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
4-Chloro-3-methylphenol	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
2-Methylnaphthalene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Hexachlorocyclopentadiene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
2,4,6-Trichlorophenol	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
2,4,5-Trichlorophenol	UG/KG	465 U	460 U	480 U	475 U	550 U	485 U
2-Chloronaphthalene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
2-Nitroaniline	UG/KG	465 U	460 U	480 U	475 U	550 U	485 U
Dimethyl phthalate	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Acenaphthylene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
2,6-Dinitrotoluene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
3-Nitroaniline	UG/KG	465 U	460 U	480 U	475 U	550 U	485 U
Acenaphthene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB01-04	30-SB02-03	30-SB03-03	30-SB04-03	30-SB05-03	30-SB06-03
Laboratory Sample ID:		940227-01	940226-09	940227-02	940226-12	940227-03	940226-16
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	465 U	460 U	480 U	475 U	550 U	485 U
4-Nitrophenol	UG/KG	465 U	460 U	480 U	475 U	550 U	485 U
Dibenzofuran	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
2,4-Dinitrotoluene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Diethylphthalate	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
4-Chlorophenyl phenyl ether	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Fluorene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
4-Nitroaniline	UG/KG	465 U	460 U	480 U	475 U	550 U	485 U
4,6-Dinitro-2-methylphenol	UG/KG	465 U	460 U	480 U	475 U	550 U	485 U
N-nitrosodiphenylamine	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
4-Bromophenyl-phenylether	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Hexachlorobenzene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Pentachlorophenol	UG/KG	465 U	460 U	480 U	475 U	550 U	485 U
Phenanthrene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Anthracene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Carbazole	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
di-n-Butylphthalate	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Fluoranthene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Pyrene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Butyl benzyl phthalate	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
3,3'-Dichlorobenzidine	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Benzo[a]anthracene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Chrysene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
bis(2-Ethylhexyl)phthalate	UG/KG	110 J	190 U	140 J	195 U	100 J	200 U
di-n-Octylphthalate	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Benzo[b]fluoranthene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Benzo[k]fluoranthene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Benzo[a]pyrene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Indeno[1,2,3-cd]pyrene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Dibenz[a,h]anthracene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U
Benzo[g,h,i]perylene	UG/KG	190 U	190 U	200 U	195 U	230 U	200 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB07-03	30-SB08-02	30-SB09-02	30-SB10-03	30-SB11-03
Laboratory Sample ID:		940227-05	940226-19	940226-21	940227-06	940226-25
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94
	UNITS					
VOLATILES						
Chloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U
Bromomethane	UG/KG	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	UG/KG	6 U	6 U	6 U	6 U	6 U
Chloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U
Methylene chloride	UG/KG	6 U	6 U	6 U	6 U	6 U
Acetone	UG/KG	22 U	8 U	7 U	26 U	24 U
Carbon Disulfide	UG/KG	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	UG/KG	6 U	6 U	6 U	6 U	6 U
Chloroform	UG/KG	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U
2-Butanone	UG/KG	6 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	UG/KG	6 U	6 U	2 J	6 U	6 U
Carbon tetrachloride	UG/KG	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	UG/KG	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U
Trichloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	UG/KG	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U
Benzene	UG/KG	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	UG/KG	6 U	6 U	6 U	6 U	6 U
Bromoform	UG/KG	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	UG/KG	6 U	6 U	6 U	6 U	6 U
2-Hexanone	UG/KG	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	UG/KG	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	UG/KG	6 U	6 U	6 U	6 U	6 U
Toluene	UG/KG	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	UG/KG	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	UG/KG	6 U	6 U	6 U	6 U	6 U
Styrene	UG/KG	6 U	6 U	6 U	6 U	6 U
Xylenes (total)	UG/KG	6 U	6 U	6 U	6 U	6 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB07-03	30-SB08-02	30-SB09-02	30-SB10-03	30-SB11-03
Laboratory Sample ID:		940227-05	940226-19	940226-21	940227-06	940226-25
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94
	UNITS					
SEMIVOLATILES						
Phenol	UG/KG	190 U	190 U	180 U	185 U	185 U
bis(2-Chloroethyl) ether	UG/KG	190 U	190 U	180 U	185 U	185 U
2-Chlorophenol	UG/KG	190 U	190 U	180 U	185 U	185 U
1,3-Dichlorobenzene	UG/KG	190 U	190 U	180 U	185 U	185 U
1,4-Dichlorobenzene	UG/KG	190 U	190 U	180 U	185 U	185 U
1,2-Dichlorobenzene	UG/KG	190 U	190 U	180 U	185 U	185 U
2-Methylphenol	UG/KG	190 U	190 U	180 U	185 U	185 U
2,2'-oxybis-(1-chloropropane)	UG/KG	190 U	190 U	180 U	185 U	185 U
4-Methylphenol	UG/KG	190 U	190 U	180 U	185 U	185 U
N-Nitroso-di-n-propylamine	UG/KG	190 U	190 U	180 U	185 U	185 U
Hexachloroethane	UG/KG	190 U	190 U	180 U	185 U	185 U
Nitrobenzene	UG/KG	190 U	190 U	180 U	185 U	185 U
Isophorone	UG/KG	190 U	190 U	180 U	185 U	185 U
2-Nitrophenol	UG/KG	190 U	190 U	180 U	185 U	185 U
2,4-Dimethylphenol	UG/KG	190 U	190 U	180 U	185 U	185 U
bis(2-Chloroethoxy) methane	UG/KG	190 U	190 U	180 U	185 U	185 U
2,4-Dichlorophenol	UG/KG	190 U	190 U	180 U	185 U	185 U
1,2,4-Trichlorobenzene	UG/KG	190 U	190 U	180 U	185 U	185 U
Naphthalene	UG/KG	190 U	190 U	180 U	185 U	185 U
4-Chloroaniline	UG/KG	190 U	190 U	180 U	185 U	185 U
Hexachlorobutadiene	UG/KG	190 U	190 U	180 U	185 U	185 U
4-Chloro-3-methylphenol	UG/KG	190 U	190 U	180 U	185 U	185 U
2-Methylnaphthalene	UG/KG	190 U	190 U	180 U	185 U	185 U
Hexachlorocyclopentadiene	UG/KG	190 U	190 U	180 U	185 U	185 U
2,4,6-Trichlorophenol	UG/KG	190 U	190 U	180 U	185 U	185 U
2,4,5-Trichlorophenol	UG/KG	465 U	460 U	440 U	450 U	445 U
2-Chloronaphthalene	UG/KG	190 U	190 U	180 U	185 U	185 U
2-Nitroaniline	UG/KG	465 U	460 U	440 U	450 U	445 U
Dimethyl phthalate	UG/KG	190 U	190 U	180 U	185 U	185 U
Acenaphthylene	UG/KG	190 U	190 U	180 U	185 U	185 U
2,6-Dinitrotoluene	UG/KG	190 U	190 U	180 U	185 U	185 U
3-Nitroaniline	UG/KG	465 U	460 U	440 U	450 U	445 U
Acenaphthene	UG/KG	190 U	190 U	180 U	185 U	185 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SB07-03	30-SB08-02	30-SB09-02	30-SB10-03	30-SB11-03
Laboratory Sample ID:		940227-05	940226-19	940226-21	940227-06	940226-25
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94
	UNITS					
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	465 U	460 U	440 U	450 U	445 U
4-Nitrophenol	UG/KG	465 U	460 U	440 U	450 U	445 U
Dibenzofuran	UG/KG	190 U	190 U	180 U	185 U	185 U
2,4-Dinitrotoluene	UG/KG	190 U	190 U	180 U	185 U	185 U
Diethylphthalate	UG/KG	190 U	190 U	180 U	185 U	185 U
4-Chlorophenyl phenyl ether	UG/KG	190 U	190 U	180 U	185 U	185 U
Fluorene	UG/KG	190 U	190 U	180 U	185 U	185 U
4-Nitroaniline	UG/KG	465 U	460 U	440 U	450 U	445 U
4,6-Dinitro-2-methylphenol	UG/KG	465 U	460 U	440 U	450 U	445 U
N-nitrosodiphenylamine	UG/KG	190 U	190 U	180 U	185 U	185 U
4-Bromophenyl-phenylether	UG/KG	190 U	190 U	180 U	185 U	185 U
Hexachlorobenzene	UG/KG	190 U	190 U	180 U	185 U	185 U
Pentachlorophenol	UG/KG	465 U	460 U	440 U	450 U	445 U
Phenanthrene	UG/KG	190 U	190 U	180 U	185 U	185 U
Anthracene	UG/KG	190 U	190 U	180 U	185 U	185 U
Carbazole	UG/KG	190 U	190 U	180 U	185 U	185 U
di-n-Butylphthalate	UG/KG	190 U	190 U	180 U	185 U	185 U
Fluoranthene	UG/KG	190 U	190 U	180 U	185 U	185 U
Pyrene	UG/KG	190 U	190 U	180 U	185 U	185 U
Butyl benzyl phthalate	UG/KG	190 U	190 U	180 U	185 U	185 U
3,3'-Dichlorobenzidine	UG/KG	190 U	190 U	180 U	185 U	185 U
Benzo[a]anthracene	UG/KG	190 U	190 U	180 U	185 U	185 U
Chrysene	UG/KG	190 U	190 U	180 U	185 U	185 U
bis(2-Ethylhexyl)phthalate	UG/KG	720	45 J	180 U	380	810
di-n-Octylphthalate	UG/KG	190 U	190 U	180 U	185 U	185 U
Benzo[b]fluoranthene	UG/KG	190 U	190 U	180 U	185 U	185 U
Benzo[k]fluoranthene	UG/KG	190 U	190 U	180 U	185 U	185 U
Benzo[a]pyrene	UG/KG	190 U	190 U	180 U	185 U	185 U
Indeno[1,2,3-cd]pyrene	UG/KG	190 U	190 U	180 U	185 U	185 U
Dibenz[a,h]anthracene	UG/KG	190 U	190 U	180 U	185 U	185 U
Benzo[g,h,i]perylene	UG/KG	190 U	190 U	180 U	185 U	185 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOGNORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/KG	ND	NA	NA	NA	NA
Bromomethane	UG/KG	ND	NA	NA	NA	NA
Vinyl chloride	UG/KG	ND	NA	NA	NA	NA
Chloroethane	UG/KG	ND	NA	NA	NA	NA
Methylene chloride	UG/KG	ND	NA	NA	NA	NA
Acetone	UG/KG	34	14.8	10.1	20.3	27.3
Carbon Disulfide	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethene	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/KG	ND	NA	NA	NA	NA
Chloroform	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
2-Butanone	UG/KG	ND	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/KG	2 J	5.4	1.1	6.0	6.7
Carbon tetrachloride	UG/KG	ND	NA	NA	NA	NA
Bromodichloromethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/KG	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Trichloroethene	UG/KG	ND	NA	NA	NA	NA
Dibromochloromethane	UG/KG	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/KG	ND	NA	NA	NA	NA
Benzene	UG/KG	ND	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Bromoform	UG/KG	ND	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/KG	ND	NA	NA	NA	NA
2-Hexanone	UG/KG	ND	NA	NA	NA	NA
Tetrachloroethene	UG/KG	ND	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	ND	NA	NA	NA	NA
Toluene	UG/KG	ND	NA	NA	NA	NA
Chlorobenzene	UG/KG	ND	NA	NA	NA	NA
Ethylbenzene	UG/KG	ND	NA	NA	NA	NA
Styrene	UG/KG	ND	NA	NA	NA	NA
Xylenes (total)	UG/KG	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOGNORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/KG	ND	NA	NA	NA	NA
2-Chlorophenol	UG/KG	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
2-Methylphenol	UG/KG	ND	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/KG	ND	NA	NA	NA	NA
4-Methylphenol	UG/KG	ND	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/KG	ND	NA	NA	NA	NA
Hexachloroethane	UG/KG	ND	NA	NA	NA	NA
Nitrobenzene	UG/KG	ND	NA	NA	NA	NA
Isophorone	UG/KG	ND	NA	NA	NA	NA
2-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
2,4-Dimethylphenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/KG	ND	NA	NA	NA	NA
2,4-Dichlorophenol	UG/KG	ND	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	ND	NA	NA	NA	NA
Naphthalene	UG/KG	ND	NA	NA	NA	NA
4-Chloroaniline	UG/KG	ND	NA	NA	NA	NA
Hexachlorobutadiene	UG/KG	ND	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/KG	ND	NA	NA	NA	NA
2-Methylnaphthalene	UG/KG	ND	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/KG	ND	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2-Chloronaphthalene	UG/KG	ND	NA	NA	NA	NA
2-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Dimethyl phthalate	UG/KG	ND	NA	NA	NA	NA
Acenaphthylene	UG/KG	ND	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
3-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Acenaphthene	UG/KG	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOGNORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	ND	NA	NA	NA	NA
4-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
Dibenzofuran	UG/KG	ND	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
Diethylphthalate	UG/KG	ND	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/KG	ND	NA	NA	NA	NA
Fluorene	UG/KG	ND	NA	NA	NA	NA
4-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/KG	ND	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/KG	ND	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/KG	ND	NA	NA	NA	NA
Hexachlorobenzene	UG/KG	ND	NA	NA	NA	NA
Pentachlorophenol	UG/KG	ND	NA	NA	NA	NA
Phenanthrene	UG/KG	ND	NA	NA	NA	NA
Anthracene	UG/KG	ND	NA	NA	NA	NA
Carbazole	UG/KG	ND	NA	NA	NA	NA
di-n-Butylphthalate	UG/KG	ND	NA	NA	NA	NA
Fluoranthene	UG/KG	ND	NA	NA	NA	NA
Pyrene	UG/KG	ND	NA	NA	NA	NA
Butyl benzyl phthalate	UG/KG	ND	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/KG	ND	NA	NA	NA	NA
Benzo[a]anthracene	UG/KG	ND	NA	NA	NA	NA
Chrysene	UG/KG	ND	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/KG	810	279.1	255.4	418.6	611.8
di-n-Octylphthalate	UG/KG	ND	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/KG	ND	NA	NA	NA	NA
Benzo[k]fluoranthene	UG/KG	ND	NA	NA	NA	NA
Benzo[a]pyrene	UG/KG	ND	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	UG/KG	ND	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/KG	ND	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/KG	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SB01-04	30-SB02-03	30-SB03-03	30-SB04-03	30-SB05-03	30-SB06-03
Laboratory Sample ID:		940227-01	940226-09	940227-02	940226-12	940227-03	940226-16
Date Sampled:		3/22/94	3/23/94	3/22/94	3/23/94	3/22/94	3/23/94
Percent Solids		85.0	87.0	83.0	83.0	71.0	82.0
	UNITS						
Aluminum	MG/KG	1010 J	1130	2270 J	9110	3200 J	8810
Antimony	MG/KG	2.9 UJ	3.1 U	3.7 UJ	3.5 U	3.3 UJ	3.2 U
Arsenic	MG/KG	0.26 U	0.28 U	0.32 U	1.4	1.1	1.3
Barium	MG/KG	1.2	0.7 U	0.8 U	5.6	3.2	4.4
Beryllium	MG/KG	0.09 U	0.09 U	0.11 U	0.11 U	0.10 U	0.10 U
Cadmium	MG/KG	0.26 U	0.28 U	0.32 U	0.31 U	0.29 U	0.28 U
Calcium	MG/KG	10.2 U	3.9 U	9.7 U	15.7 U	12.5 U	16.1 U
Chromium	MG/KG	5.9 J	4.2	4.2 J	10.9	4.1	13.2
Cobalt	MG/KG	0.35 U	0.37 U	0.43 U	0.41 U	0.39 U	0.38 U
Copper	MG/KG	1.8	0.6 U	0.7 U	3.0	1.4	5.2
Iron	MG/KG	762 J	249	134 J	4080	1610 J	2980
Lead	MG/KG	1.6	1.6	3.0	2.5	2.8	3.6
Magnesium	MG/KG	13.4	7.9	2.9 U	88.0	38.6	80.1
Manganese	MG/KG	8.4 J	4.5 J	2.9 J	4.7 J	9.8 J	3.4 J
Mercury	MG/KG	0.03 U	0.07	0.19	0.37	0.03 U	0.03 U
Nickel	MG/KG	1.8	0.7 U	0.8 U	0.7 U	2.0	0.7 U
Potassium	MG/KG	17.8	3.6 U	1.1 U	28.2 U	40.8	32.8 U
Selenium	MG/KG	0.35 U	0.37 U	0.43 U	0.41 U	0.39 U	0.38 U
Silver	MG/KG	0.43 UJ	0.46 UJ	0.6 UJ	0.5 UJ	0.48 UJ	0.47 UJ
Sodium	MG/KG	7.1 U	20.3	7.1 U	10.7	4.9 U	19.3
Thallium	MG/KG	0.35 U	0.37 U	0.43 U	0.41 U	0.39 U	0.38 U
Vanadium	MG/KG	1.7	1.4	0.73	9.6	4.2	6.7
Zinc	MG/KG	1.1	0.28 U	0.70	0.9 U	1.4	0.9 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SB07-03	30-SB08-02	30-SB09-02	30-SB10-03	30-SB11-03	30-SB18-03
Laboratory Sample ID:		940227-05	940226-19	940226-21	940227-06	940226-25	940283-04
Date Sampled:		3/22/94	3/23/94	3/23/94	3/22/94	3/22/94	4/8/94
Percent Solids		86.0	86.0	90.0	89.0	89.0	82.7
	UNITS						
Aluminum	MG/KG	1300 J	1050	1170	6130 J	327	9730
Antimony	MG/KG	4.0 UJ	3.2 U	2.9 U	3.5 UJ	2.6 U	4.0 U
Arsenic	MG/KG	0.35 U	0.29 U	0.26 U	0.62	0.23 U	0.99
Barium	MG/KG	0.8 U	0.7 U	1.6	5.1	0.6 U	11.0
Beryllium	MG/KG	0.12 U	0.10 U	0.09 U	0.11 U	0.08 U	0.12 U
Cadmium	MG/KG	0.35 U	0.29 U	0.26 U	0.31 U	0.23 U	0.35 U
Calcium	MG/KG	6.8 U	6.2 U	5.8 U	19.0 U	5.1 U	41.3 J
Chromium	MG/KG	1.6 J	2.1	1.5	10.7 J	1.6	11.6
Cobalt	MG/KG	0.47 U	0.38 U	0.34 U	0.41 U	0.66	1.0
Copper	MG/KG	0.7 U	0.6 U	0.5 U	3.4	0.97	4.4
Iron	MG/KG	536 J	448	615	2850 J	204	2790
Lead	MG/KG	0.6 U	1.7	1.6	3.1	1.4	4.4
Magnesium	MG/KG	9.0	16.3	20.4	66.1	9.8	171
Manganese	MG/KG	6.4 J	3.1 J	4.0 J	5.6 J	2.2 J	6.9
Mercury	MG/KG	0.06	0.08	0.03 U	0.06	0.03 U	0.03 U
Nickel	MG/KG	3.5	0.7 U	0.7 U	2.5	1.7 U	2.9 J
Potassium	MG/KG	1.2 U	11.1 U	6.2	58.2	8.4	151
Selenium	MG/KG	0.47 U	0.38 U	0.34 U	0.41 U	0.31 U	0.47 UJ
Silver	MG/KG	0.6 UJ	0.47 UJ	0.43 UJ	0.5 UJ	0.39 UJ	0.6 UJ
Sodium	MG/KG	15.7 U	23.8	4.3 U	6.3 U	3.9 U	11.7 U
Thallium	MG/KG	0.47 U	0.38 U	0.34 U	0.41 U	0.31 U	0.47 U
Vanadium	MG/KG	1.4	1.4	1.7	6.4	0.97	9.7
Zinc	MG/KG	0.35 U	0.40 U	1.1 U	1.5	1.0 U	2.1

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SB19-02	30-SB20-03
Laboratory Sample ID:		940283-07	940283-09
Date Sampled:		4/8/94	4/8/94
Percent Solids		85.8	84.8
	UNITS		
Aluminum	MG/KG	2480	2530
Antimony	MG/KG	3.8 U	3.9 U
Arsenic	MG/KG	0.34 U	0.35 U
Barium	MG/KG	2.2	3.7
Beryllium	MG/KG	0.11 U	0.12 U
Cadmium	MG/KG	0.34 U	0.35 U
Calcium	MG/KG	33.8 J	12.0 U
Chromium	MG/KG	2.0 U	2.7 U
Cobalt	MG/KG	0.45 U	0.46 U
Copper	MG/KG	1.9	1.5
Iron	MG/KG	542	2460
Lead	MG/KG	3.0	3.6
Magnesium	MG/KG	50.0	47.3
Manganese	MG/KG	5.2	6.5
Mercury	MG/KG	0.03 U	0.03 U
Nickel	MG/KG	0.8 UJ	0.8 UJ
Potassium	MG/KG	32.3 U	19.6 U
Selenium	MG/KG	0.45 UJ	0.46 UJ
Silver	MG/KG	0.6 UJ	0.6 UJ
Sodium	MG/KG	8.1 U	16.7 U
Thallium	MG/KG	0.45 U	0.46 U
Vanadium	MG/KG	3.1	7.1
Zinc	MG/KG	0.91	1.5

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SUBSURFACE SOIL - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Percent Solids						
	UNITS					
Aluminum	MG/KG	9730	3589.1	3363.0	5180.8	9557.1
Antimony	MG/KG	ND	NA	NA	NA	NA
Arsenic	MG/KG	1.4	0.58	0.43	0.78	0.89
Barium	MG/KG	11	3.0	2.9	4.3	6.6
Beryllium	MG/KG	ND	NA	NA	NA	NA
Cadmium	MG/KG	ND	NA	NA	NA	NA
Calcium	MG/KG	41.3 J	14.1	11.0	19.3	22.3
Chromium	MG/KG	13.2	5.5	4.3	7.5	10.1
Cobalt	MG/KG	1	0.46	0.17	0.54	0.54
Copper	MG/KG	5.2	1.9	1.5	2.6	3.5
Iron	MG/KG	4080	1447.1	1319.1	2071.5	4497.7
Lead	MG/KG	4.4	2.5	1.1	3.0	3.6
Magnesium	MG/KG	171	44.3	46.1	66.1	141.1
Manganese	MG/KG	9.8 J	5.3	2.2	6.3	6.8
Mercury	MG/KG	0.37	0.07	0.10	0.12	0.13
Nickel	MG/KG	3.5	1.4	1.0	1.9	2.2
Potassium	MG/KG	151	29.4	38.8	47.8	168.3
Selenium	MG/KG	ND	NA	NA	NA	NA
Silver	MG/KG	ND	NA	NA	NA	NA
Sodium	MG/KG	23.8	11.4	6.6	14.5	17.2
Thallium	MG/KG	ND	NA	NA	NA	NA
Vanadium	MG/KG	9.7	4.0	3.3	5.5	8.1
Zinc	MG/KG	2.1	1.0	0.5	1.2	1.5

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-GW01-01	30-GW02-01	30-GW03-01
Laboratory Sample ID:		940334-09	940334-11	940334-15
Date Sampled:		4/21/94	4/21/94	4/21/94
	UNITS			
VOLATILES				
Chloromethane	UG/L	1 U	1 U	1 U
Bromomethane	UG/L	1 U	1 U	1 U
Vinyl chloride	UG/L	1 U	1 U	1 U
Chloroethane	UG/L	1 U	1 U	1 U
Methylene chloride	UG/L	1 U	1 U	1 U
1,1-Dichloroethene	UG/L	1 U	1 U	1 U
1,1-Dichloroethane	UG/L	1 U	1 U	1 U
1,2-Dichloroethene(total)	UG/L	1 U	1 U	1 U
Chloroform	UG/L	9	1 U	1 U
1,2-Dichloroethane	UG/L	1 U	1 U	1 U
1,1,1-Trichloroethane	UG/L	1 U	1 U	1 U
Carbon tetrachloride	UG/L	1 U	1 U	1 U
Bromodichloromethane	UG/L	1 U	1 U	1 U
1,2-Dichloropropane	UG/L	1 U	1 U	1 U
cis-1,3-Dichloropropene	UG/L	1 U	1 U	1 U
Trichloroethene	UG/L	1 U	1 U	1 U
Dibromochloromethane	UG/L	1 U	1 U	1 U
1,1,2-Trichloroethane	UG/L	1 U	1 U	1 U
Benzene	UG/L	1 U	1 U	1 U
trans-1,3-Dichloropropene	UG/L	1 U	1 U	1 U
2-Chloroethylvinylether	UG/L	1 U	1 U	1 U
Bromoform	UG/L	1 U	1 U	1 U
Tetrachloroethene	UG/L	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	UG/L	1 U	1 U	1 U
Toluene	UG/L	1 U	1 U	1 U
Chlorobenzene	UG/L	1 U	1 U	1 U
Ethylbenzene	UG/L	1 U	1 U	1 U
Xylene (total)	UG/L	1 U	1 U	1 U
1,3-Dichlorobenzene	UG/L	1 U	1 U	1 U
1,4-Dichlorobenzene	UG/L	1 U	1 U	1 U
1,2-Dichlorobenzene	UG/L	1 U	1 U	1 U
Trichlorofluoromethane	UG/L	1 U	1 U	1 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-GW01-01	30-GW02-01	30-GW03-01
Laboratory Sample ID:		940334-09	940334-11	940334-15
Date Sampled:		4/21/94	4/21/94	4/21/94
	UNITS			
SEMIVOLATILES				
Phenol	UG/L	5 U	5 U	5 U
bis(2-Chloroethyl) ether	UG/L	5 U	5 U	5 U
2-Chlorophenol	UG/L	5 U	5 U	5 U
1,3-Dichlorobenzene	UG/L	5 U	5 U	5 U
1,4-Dichlorobenzene	UG/L	5 U	5 U	5 U
1,2-Dichlorobenzene	UG/L	5 U	5 U	5 U
2-Methylphenol	UG/L	5 U	5 U	5 U
2,2'-oxybis-(1-chloropropane)	UG/L	5 U	5 UJ	5 U
4-Methylphenol	UG/L	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	UG/L	5 U	5 U	5 U
Hexachloroethane	UG/L	5 U	5 U	5 U
Nitrobenzene	UG/L	5 U	5 U	5 U
Isophorone	UG/L	5 U	5 U	5 U
2-Nitrophenol	UG/L	5 U	5 U	5 U
2,4-Dimethylphenol	UG/L	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	UG/L	5 U	5 U	5 U
2,4-Dichlorophenol	UG/L	5 U	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5 U	5 U	5 U
Naphthalene	UG/L	5 U	5 U	5 U
4-Chloroaniline	UG/L	5 U	5 U	5 U
Hexachlorobutadiene	UG/L	5 U	5 U	5 U
4-Chloro-3-methylphenol	UG/L	5 U	5 U	5 U
2-Methylnaphthalene	UG/L	5 U	5 U	5 U
Hexachlorocyclopentadiene	UG/L	5 U	5 U	5 U
2,4,6-Trichlorophenol	UG/L	5 U	5 U	5 U
2,4,5-Trichlorophenol	UG/L	13 U	13 U	13 U
2-Chloronaphthalene	UG/L	5 U	5 U	5 U
2-Nitroaniline	UG/L	13 U	13 U	13 U
Dimethyl phthalate	UG/L	5 U	5 U	5 U
Acenaphthylene	UG/L	5 U	5 U	5 U
2,6-Dinitrotoluene	UG/L	5 U	5 U	5 U
3-Nitroaniline	UG/L	13 U	13 U	13 U
Acenaphthene	UG/L	5 U	5 U	5 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-GW01-01	30-GW02-01	30-GW03-01
Laboratory Sample ID:		940334-09	940334-11	940334-15
Date Sampled:		4/21/94	4/21/94	4/21/94
	UNITS			
SEMIVOLATILE Cont.				
2,4-Dinitrophenol	UG/L	13 U	13 U	13 U
4-Nitrophenol	UG/L	13 U	13 U	13 UJ
Dibenzofuran	UG/L	5 U	5 U	5 U
2,4-Dinitrotoluene	UG/L	5 U	5 U	5 U
Diethylphthalate	UG/L	5 U	5 U	5 UJ
4-Chlorophenyl phenyl ether	UG/L	5 U	5 U	5 U
Fluorene	UG/L	5 U	5 U	5 U
4-Nitroaniline	UG/L	13 U	13 U	13 U
4,6-Dinitro-2-methylphenol	UG/L	13 U	13 U	13 U
N-nitrosodiphenylamine	UG/L	5 U	5 U	5 U
4-Bromophenyl-phenylether	UG/L	5 U	5 U	5 U
Hexachlorobenzene	UG/L	5 U	5 U	5 U
Pentachlorophenol	UG/L	13 U	13 U	13 U
Phenanthrene	UG/L	5 U	5 U	5 U
Anthracene	UG/L	5 U	5 U	5 U
Carbazole	UG/L	5 U	5 U	5 U
di-n-Butylphthalate	UG/L	5 U	5 U	5 U
Fluoranthene	UG/L	5 U	5 U	5 U
Pyrene	UG/L	5 U	5 U	5 U
Butyl benzyl phthalate	UG/L	5 U	5 U	5 U
3,3'-Dichlorobenzidine	UG/L	5 U	5 U	5 UJ
Benzo[a]anthracene	UG/L	5 U	5 U	5 U
Chrysene	UG/L	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	UG/L	5 U	5 U	5 U
di-n-Octylphthalate	UG/L	5 U	5 U	5 U
Benzo[b]fluoranthene	UG/L	5 U	5 U	5 U
Benzo[k]fluoranthene	UG/L	5 U	5 U	5 U
Benzo[a]pyrene	UG/L	5 U	5 U	5 U
Indeno[1,2,3-cd]pyrene	UG/L	5 U	5 U	5 U
Dibenz[a,h]anthracene	UG/L	5 U	5 U	5 U
Benzo[g,h,i]perylene	UG/L	5 U	5 U	5 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/L	ND	NA	NA	NA	NA
Bromomethane	UG/L	ND	NA	NA	NA	NA
Vinyl chloride	UG/L	ND	NA	NA	NA	NA
Chloroethane	UG/L	ND	NA	NA	NA	NA
Methylene chloride	UG/L	ND	NA	NA	NA	NA
1,1-Dichloroethene	UG/L	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/L	ND	NA	NA	NA	NA
Chloroform	UG/L	9	3.7	4.6	11.5	200936422.7
1,2-Dichloroethane	UG/L	ND	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/L	ND	NA	NA	NA	NA
Carbon tetrachloride	UG/L	ND	NA	NA	NA	NA
Bromodichloromethane	UG/L	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/L	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/L	ND	NA	NA	NA	NA
Trichloroethene	UG/L	ND	NA	NA	NA	NA
Dibromochloromethane	UG/L	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/L	ND	NA	NA	NA	NA
Benzene	UG/L	ND	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/L	ND	NA	NA	NA	NA
2-Chloroethylvinylether	UG/L	ND	NA	NA	NA	NA
Bromoform	UG/L	ND	NA	NA	NA	NA
Tetrachloroethene	UG/L	ND	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/L	ND	NA	NA	NA	NA
Toluene	UG/L	ND	NA	NA	NA	NA
Chlorobenzene	UG/L	ND	NA	NA	NA	NA
Ethylbenzene	UG/L	ND	NA	NA	NA	NA
Xylene (total)	UG/L	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
Trichlorofluoromethane	UG/L	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/L	ND	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/L	ND	NA	NA	NA	NA
2-Chlorophenol	UG/L	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
2-Methylphenol	UG/L	ND	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/L	ND	NA	NA	NA	NA
4-Methylphenol	UG/L	ND	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/L	ND	NA	NA	NA	NA
Hexachloroethane	UG/L	ND	NA	NA	NA	NA
Nitrobenzene	UG/L	ND	NA	NA	NA	NA
Isophorone	UG/L	ND	NA	NA	NA	NA
2-Nitrophenol	UG/L	ND	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	ND	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/L	ND	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	ND	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	ND	NA	NA	NA	NA
Naphthalene	UG/L	ND	NA	NA	NA	NA
4-Chloroaniline	UG/L	ND	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	ND	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	ND	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	ND	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/L	ND	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/L	ND	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/L	ND	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	ND	NA	NA	NA	NA
2-Nitroaniline	UG/L	ND	NA	NA	NA	NA
Dimethyl phthalate	UG/L	ND	NA	NA	NA	NA
Acenaphthylene	UG/L	ND	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	ND	NA	NA	NA	NA
3-Nitroaniline	UG/L	ND	NA	NA	NA	NA
Acenaphthene	UG/L	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILE Cont.						
2,4-Dinitrophenol	UG/L	ND	NA	NA	NA	NA
4-Nitrophenol	UG/L	ND	NA	NA	NA	NA
Dibenzofuran	UG/L	ND	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	ND	NA	NA	NA	NA
Diethylphthalate	UG/L	ND	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/L	ND	NA	NA	NA	NA
Fluorene	UG/L	ND	NA	NA	NA	NA
4-Nitroaniline	UG/L	ND	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	ND	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/L	ND	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	ND	NA	NA	NA	NA
Hexachlorobenzene	UG/L	ND	NA	NA	NA	NA
Pentachlorophenol	UG/L	ND	NA	NA	NA	NA
Phenanthrene	UG/L	ND	NA	NA	NA	NA
Anthracene	UG/L	ND	NA	NA	NA	NA
Carbazole	UG/L	ND	NA	NA	NA	NA
di-n-Butylphthalate	UG/L	ND	NA	NA	NA	NA
Fluoranthene	UG/L	ND	NA	NA	NA	NA
Pyrene	UG/L	ND	NA	NA	NA	NA
Butyl benzyl phthalate	UG/L	ND	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	ND	NA	NA	NA	NA
Benzo[a]anthracene	UG/L	ND	NA	NA	NA	NA
Chrysene	UG/L	ND	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	ND	NA	NA	NA	NA
di-n-Octylphthalate	UG/L	ND	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/L	ND	NA	NA	NA	NA
Benzo[k]fluoranthene	UG/L	ND	NA	NA	NA	NA
Benzo[a]pyrene	UG/L	ND	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	UG/L	ND	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/L	ND	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/L	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-GW01-01	30-GW02-01	30-GW03-01
Laboratory Sample ID:		940334-09	940334-11	940334-15
Date Sampled:		4/21/94	4/21/94	4/21/94
	UNITS			
Aluminum	UG/L	42700	136000 J	24700
Antimony	UG/L	17.0 U	17.0 UJ	17.0 U
Arsenic	UG/L	3.7	25.8	1.5 U
Barium	UG/L	48.0	126	42.7
Beryllium	UG/L	0.5 U	0.5 U	0.5 U
Cadmium	UG/L	1.5 U	1.5 U	1.5 U
Calcium	UG/L	953	2220	1610
Chromium	UG/L	36.7 J	111 J	27.8 J
Cobalt	UG/L	2.0 U	10.5 J	2.0 U
Copper	UG/L	11.2	27.8	9.6
Iron	UG/L	9930	41400 J	4930
Lead	UG/L	59.1	27.6 J	14.8
Magnesium	UG/L	1850	7300	1550
Manganese	UG/L	38.8	181	46.6
Mercury	UG/L	0.07 U	0.13	0.32 J
Nickel	UG/L	21.7	61.2	3.5 U
Potassium	UG/L	1600	7440 J	704
Selenium	UG/L	2.0 UJ	2.0 UJ	2.0 UJ
Silver	UG/L	2.5 UJ	2.5 UJ	2.5 UJ
Sodium	UG/L	4180	8980	8600
Thallium	UG/L	2.0 UJ	2.0 U	2.0 UJ
Vanadium	UG/L	31.9	123	14.1
Zinc	UG/L	13.2 U	237	6.6 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Aluminum	UG/L	136000 J	67800.0	59744.7	168521.4	105612500.3
Antimony	UG/L	ND	NA	NA	NA	NA
Arsenic	UG/L	25.8	10.3	13.4	33.0	8465394843.5
Barium	UG/L	126	72.2	46.6	150.9	2015.3
Beryllium	UG/L	ND	NA	NA	NA	NA
Cadmium	UG/L	ND	NA	NA	NA	NA
Calcium	UG/L	2220	1594.3	633.6	2662.6	11706.1
Chromium	UG/L	111 J	58.5	45.7	135.5	14034.0
Cobalt	UG/L	10.5 J	4.8	4.9	13.1	37745.4
Copper	UG/L	27.8	16.2	10.1	33.2	405.3
Iron	UG/L	41400 J	18753.3	19771.3	52085.0	6255059215.3
Lead	UG/L	59.1	33.8	22.8	72.3	3217.2
Magnesium	UG/L	7300	3566.7	3236.6	9023.2	4514206.4
Manganese	UG/L	181	88.8	79.9	223.6	105935.8
Mercury	UG/L	0.32 J	0.2	0.1	0.4	53.6
Nickel	UG/L	61.2	28.8	29.5	78.5	24979060958.8
Potassium	UG/L	7440 J	3248.0	3657.9	9414.7	4179008169.8
Selenium	UG/L	ND	NA	NA	NA	NA
Silver	UG/L	ND	NA	NA	NA	NA
Sodium	UG/L	8980	7253.3	2668.4	11751.8	54095.7
Thallium	UG/L	ND	NA	NA	NA	NA
Vanadium	UG/L	123	56.3	58.4	154.8	21205582.0
Zinc	UG/L	237	85.6	131.2	306.7	3.0E+17

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID:		30-GW01D-01	30-GW02D-01	30-GW03D-01
Laboratory Sample ID:		940334-10	940334-13	940334-16
Date Sampled:		4/21/94	4/21/94	4/21/94
	UNITS			
Aluminum	UG/L	135	65 UJ	109
Antimony	UG/L	17.0 U	37.9 J	17.0 U
Arsenic	UG/L	1.5 U	1.5 U	1.5 U
Barium	UG/L	9.0	17.3	3.5 U
Beryllium	UG/L	0.5 U	0.5 U	0.5 U
Cadmium	UG/L	1.5 U	1.5 U	1.5 U
Calcium	UG/L	1020	2560	1200
Chromium	UG/L	3.5 UJ	3.5 UJ	3.5 UJ
Cobalt	UG/L	2.0 U	2.0 U	2.0 U
Copper	UG/L	3.0 U	3.0 U	6.5
Iron	UG/L	19.7 U	141 J	1040
Lead	UG/L	0.5 U	0.5 UJ	0.5 U
Magnesium	UG/L	643	1170	877
Manganese	UG/L	5.2 U	46.4	23.3
Mercury	UG/L	0.07 U	0.07 U	0.07 U
Nickel	UG/L	3.5 U	3.5 U	7.8
Potassium	UG/L	105 U	625 J	190 U
Selenium	UG/L	2.0 UJ	2.0 UJ	2.0 UJ
Silver	UG/L	2.5 UJ	2.5 UJ	2.5 UJ
Sodium	UG/L	4580	9810	7920
Thallium	UG/L	2.0 UJ	2.0 U	2.0 UJ
Vanadium	UG/L	1.5 U	1.5 U	1.5 U
Zinc	UG/L	3.5 U	11.7 U	4.4 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
GROUNDWATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
DISSOLVED METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Aluminum	UG/L	135	103.0	35.4	162.7	423.2
Antimony	UG/L	37.9 J	24.0	12.1	44.3	207.2
Arsenic	UG/L	ND	NA	NA	NA	NA
Barium	UG/L	17.3	9.9	6.9	21.6	8884.8
Beryllium	UG/L	ND	NA	NA	NA	NA
Cadmium	UG/L	ND	NA	NA	NA	NA
Calcium	UG/L	2560	1593.3	842.0	3012.8	15751.4
Chromium	UG/L	ND	NA	NA	NA	NA
Cobalt	UG/L	ND	NA	NA	NA	NA
Copper	UG/L	6.5	4.2	2.0	7.6	33.3
Iron	UG/L	1040	400.2	557.4	1339.9	8.6785882242E+18
Lead	UG/L	ND	NA	NA	NA	NA
Magnesium	UG/L	1170	896.7	264.0	1341.8	2172.8
Manganese	UG/L	46.4	25.0	20.7	59.8	14511058.7
Mercury	UG/L	ND	NA	NA	NA	NA
Nickel	UG/L	7.8	4.9	2.5	9.1	42.6
Potassium	UG/L	625 J	306.5	279.1	777.1	1561492.3
Selenium	UG/L	ND	NA	NA	NA	NA
Silver	UG/L	ND	NA	NA	NA	NA
Sodium	UG/L	9810	7436.7	2648.3	11901.3	32634.0
Thallium	UG/L	ND	NA	NA	NA	NA
Vanadium	UG/L	ND	NA	NA	NA	NA
Zinc	UG/L	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SW01	30-SW02	30-SW03
Laboratory Sample ID:		940226-36	940226-38	940226-39
Date Sampled:		3/23/94	3/23/94	3/23/94
	UNITS			
VOLATILES				
Chloromethane	UG/L	5 U	5 U	5 U
Bromomethane	UG/L	5 U	5 U	5 U
Vinyl chloride	UG/L	5 U	5 U	5 U
Chloroethane	UG/L	5 U	5 U	5 U
Methylene chloride	UG/L	5 U	5 U	5 U
Acetone	UG/L	7 U	7 U	9 U
Carbon Disulfide	UG/L	5 U	5 U	5 U
1,1-Dichloroethene	UG/L	5 U	5 U	5 U
1,1-Dichloroethane	UG/L	5 U	5 U	5 U
1,2-Dichloroethene(total)	UG/L	5 U	5 U	5 U
Chloroform	UG/L	5 U	5 U	5 U
1,2-Dichloroethane	UG/L	5 U	5 U	5 U
2-Butanone	UG/L	5 U	5 U	5 U
1,1,1-Trichloroethane	UG/L	5 U	5 U	5 U
Carbon tetrachloride	UG/L	5 U	5 U	5 U
Bromodichloromethane	UG/L	5 U	5 U	5 U
1,2-Dichloropropane	UG/L	5 U	5 U	5 U
cis-1,3-Dichloropropene	UG/L	5 U	5 U	5 U
Trichloroethene	UG/L	5 U	5 U	5 U
Dibromochloromethane	UG/L	5 U	5 U	5 U
1,1,2-Trichloroethane	UG/L	5 U	5 U	5 U
Benzene	UG/L	5 U	5 U	5 U
trans-1,3-Dichloropropene	UG/L	5 U	5 U	5 U
Bromoform	UG/L	5 U	5 U	5 U
4-Methyl-2-pentanone	UG/L	5 U	5 U	5 U
2-Hexanone	UG/L	5 U	5 U	5 U
Tetrachloroethene	UG/L	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	UG/L	5 U	5 U	5 U
Toluene	UG/L	5 U	5 U	5 U
Chlorobenzene	UG/L	5 U	5 U	5 U
Ethylbenzene	UG/L	5 U	5 U	5 U
Styrene	UG/L	5 U	5 U	5 U
Xylenes (total)	UG/L	5 U	5 U	5 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SW01	30-SW02	30-SW03
Laboratory Sample ID:		940226-36	940226-38	940226-39
Date Sampled:		3/23/94	3/23/94	3/23/94
	UNITS			
SEMIVOLATILES				
Phenol	UG/L	5 U	5 U	5 U
bis(2-Chloroethyl) ether	UG/L	5 U	5 U	5 UJ
2-Chlorophenol	UG/L	5 U	5 U	5 U
1,3-Dichlorobenzene	UG/L	5 U	5 U	5 UJ
1,4-Dichlorobenzene	UG/L	5 U	5 U	5 UJ
1,2-Dichlorobenzene	UG/L	5 U	5 U	5 UJ
2-Methylphenol	UG/L	5 U	5 U	5 U
2,2'-oxybis-(1-chloropropane)	UG/L	5 U	5 U	5 UJ
4-Methylphenol	UG/L	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	UG/L	5 U	5 U	5 UJ
Hexachloroethane	UG/L	5 U	5 U	5 UJ
Nitrobenzene	UG/L	5 U	5 U	5 UJ
Isophorone	UG/L	5 U	5 U	5 UJ
2-Nitrophenol	UG/L	5 U	5 U	5 U
2,4-Dimethylphenol	UG/L	5 U	5 U	5 U
bis(2-Chloroethoxy) methane	UG/L	5 U	5 U	5 UJ
2,4-Dichlorophenol	UG/L	5 U	5 U	5 U
1,2,4-Trichlorobenzene	UG/L	5 U	5 U	5 UJ
Naphthalene	UG/L	5 U	5 U	5 UJ
4-Chloroaniline	UG/L	5 U	5 U	5 UJ
Hexachlorobutadiene	UG/L	5 U	5 U	5 UJ
4-Chloro-3-methylphenol	UG/L	5 U	5 U	5 U
2-Methylnaphthalene	UG/L	5 U	5 U	5 UJ
Hexachlorocyclopentadiene	UG/L	5 U	5 U	5 UJ
2,4,6-Trichlorophenol	UG/L	5 U	5 U	5 U
2,4,5-Trichlorophenol	UG/L	13 U	13 U	13 U
2-Chloronaphthalene	UG/L	5 U	5 U	5 UJ
2-Nitroaniline	UG/L	13 U	13 U	13 UJ
Dimethyl phthalate	UG/L	5 U	5 U	5 UJ
Acenaphthylene	UG/L	5 U	5 U	5 UJ
2,6-Dinitrotoluene	UG/L	5 U	5 U	5 UJ
3-Nitroaniline	UG/L	13 U	13 U	13 UJ
Acenaphthene	UG/L	5 U	5 U	5 UJ

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SW01	30-SW02	30-SW03
Laboratory Sample ID:		940226-36	940226-38	940226-39
Date Sampled:		3/23/94	3/23/94	3/23/94
	UNITS			
SEMIVOLATILE Cont.				
2,4-Dinitrophenol	UG/L	13 U	13 U	13 U
4-Nitrophenol	UG/L	13 U	13 U	13 U
Dibenzofuran	UG/L	5 U	5 U	5 UJ
2,4-Dinitrotoluene	UG/L	5 U	5 U	5 UJ
Diethylphthalate	UG/L	5 U	5 U	5 UJ
4-Chlorophenyl phenyl ether	UG/L	5 U	5 U	5 UJ
Fluorene	UG/L	5 U	5 U	5 UJ
4-Nitroaniline	UG/L	13 U	13 U	13 UJ
4,6-Dinitro-2-methylphenol	UG/L	13 U	13 U	13 U
N-nitrosodiphenylamine	UG/L	5 U	5 U	5 UJ
4-Bromophenyl-phenylether	UG/L	5 U	5 U	5 UJ
Hexachlorobenzene	UG/L	5 U	5 U	5 UJ
Pentachlorophenol	UG/L	13 U	13 U	13 U
Phenanthrene	UG/L	5 U	5 U	5 UJ
Anthracene	UG/L	5 U	5 U	5 UJ
Carbazole	UG/L	5 U	5 U	5 UJ
di-n-Butylphthalate	UG/L	5 U	5 U	5 UJ
Fluoranthene	UG/L	5 U	5 U	5 UJ
Pyrene	UG/L	5 U	5 U	5 UJ
Butyl benzyl phthalate	UG/L	5 U	5 U	5 UJ
3,3'-Dichlorobenzidine	UG/L	5 U	5 U	5 UJ
Benzo[a]anthracene	UG/L	5 U	5 U	5 UJ
Chrysene	UG/L	5 U	5 U	5 UJ
bis(2-Ethylhexyl)phthalate	UG/L	5 U	5 U	5 UJ
di-n-Octylphthalate	UG/L	5 U	5 U	5 UJ
Benzo[b]fluoranthene	UG/L	5 U	5 U	5 UJ
Benzo[k]fluoranthene	UG/L	5 U	5 U	5 UJ
Benzo[a]pyrene	UG/L	5 U	5 U	5 UJ
Indeno[1,2,3-cd]pyrene	UG/L	5 U	5 U	5 UJ
Dibenz[a,h]anthracene	UG/L	5 U	5 U	5 UJ
Benzo[g,h,i]perylene	UG/L	5 U	5 U	5 UJ

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/L	ND	NA	NA	NA	NA
Bromomethane	UG/L	ND	NA	NA	NA	NA
Vinyl chloride	UG/L	ND	NA	NA	NA	NA
Chloroethane	UG/L	ND	NA	NA	NA	NA
Methylene chloride	UG/L	ND	NA	NA	NA	NA
Acetone	UG/L	ND	NA	NA	NA	NA
Carbon Disulfide	UG/L	ND	NA	NA	NA	NA
1,1-Dichloroethene	UG/L	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/L	ND	NA	NA	NA	NA
Chloroform	UG/L	ND	NA	NA	NA	NA
1,2-Dichloroethane	UG/L	ND	NA	NA	NA	NA
2-Butanone	UG/L	ND	NA	NA	NA	NA
1,1,1-Trichloroethane	UG/L	ND	NA	NA	NA	NA
Carbon tetrachloride	UG/L	ND	NA	NA	NA	NA
Bromodichloromethane	UG/L	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/L	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/L	ND	NA	NA	NA	NA
Trichloroethene	UG/L	ND	NA	NA	NA	NA
Dibromochloromethane	UG/L	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/L	ND	NA	NA	NA	NA
Benzene	UG/L	ND	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/L	ND	NA	NA	NA	NA
Bromoform	UG/L	ND	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/L	ND	NA	NA	NA	NA
2-Hexanone	UG/L	ND	NA	NA	NA	NA
Tetrachloroethene	UG/L	ND	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/L	ND	NA	NA	NA	NA
Toluene	UG/L	ND	NA	NA	NA	NA
Chlorobenzene	UG/L	ND	NA	NA	NA	NA
Ethylbenzene	UG/L	ND	NA	NA	NA	NA
Styrene	UG/L	ND	NA	NA	NA	NA
Xylenes (total)	UG/L	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/L	ND	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/L	ND	NA	NA	NA	NA
2-Chlorophenol	UG/L	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	ND	NA	NA	NA	NA
2-Methylphenol	UG/L	ND	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/L	ND	NA	NA	NA	NA
4-Methylphenol	UG/L	ND	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/L	ND	NA	NA	NA	NA
Hexachloroethane	UG/L	ND	NA	NA	NA	NA
Nitrobenzene	UG/L	ND	NA	NA	NA	NA
Isophorone	UG/L	ND	NA	NA	NA	NA
2-Nitrophenol	UG/L	ND	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	ND	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/L	ND	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	ND	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	ND	NA	NA	NA	NA
Naphthalene	UG/L	ND	NA	NA	NA	NA
4-Chloroaniline	UG/L	ND	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	ND	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	ND	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	ND	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/L	ND	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/L	ND	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/L	ND	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	ND	NA	NA	NA	NA
2-Nitroaniline	UG/L	ND	NA	NA	NA	NA
Dimethyl phthalate	UG/L	ND	NA	NA	NA	NA
Acenaphthylene	UG/L	ND	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	ND	NA	NA	NA	NA
3-Nitroaniline	UG/L	ND	NA	NA	NA	NA
Acenaphthene	UG/L	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILE Cont.						
2,4-Dinitrophenol	UG/L	ND	NA	NA	NA	NA
4-Nitrophenol	UG/L	ND	NA	NA	NA	NA
Dibenzofuran	UG/L	ND	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	ND	NA	NA	NA	NA
Diethylphthalate	UG/L	ND	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/L	ND	NA	NA	NA	NA
Fluorene	UG/L	ND	NA	NA	NA	NA
4-Nitroaniline	UG/L	ND	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	ND	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/L	ND	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	ND	NA	NA	NA	NA
Hexachlorobenzene	UG/L	ND	NA	NA	NA	NA
Pentachlorophenol	UG/L	ND	NA	NA	NA	NA
Phenanthrene	UG/L	ND	NA	NA	NA	NA
Anthracene	UG/L	ND	NA	NA	NA	NA
Carbazole	UG/L	ND	NA	NA	NA	NA
di-n-Butylphthalate	UG/L	ND	NA	NA	NA	NA
Fluoranthene	UG/L	ND	NA	NA	NA	NA
Pyrene	UG/L	ND	NA	NA	NA	NA
Butyl benzyl phthalate	UG/L	ND	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	ND	NA	NA	NA	NA
Benzo[a]anthracene	UG/L	ND	NA	NA	NA	NA
Chrysene	UG/L	ND	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	ND	NA	NA	NA	NA
di-n-Octylphthalate	UG/L	ND	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/L	ND	NA	NA	NA	NA
Benzo[k]fluoranthene	UG/L	ND	NA	NA	NA	NA
Benzo[a]pyrene	UG/L	ND	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	UG/L	ND	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/L	ND	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/L	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SW01	30-SW02	30-SW03
Laboratory Sample ID:		940226-36	940226-38	940226-39
Date Sampled:		3/23/94	3/23/94	3/23/94
	UNITS			
Aluminum	UG/L	1480	383	373
Antimony	UG/L	17.0 U	17.0 U	17.0 U
Arsenic	UG/L	1.5 U	1.5 U	1.5 U
Barium	UG/L	10.2	3.5 U	10.3
Beryllium	UG/L	0.5 U	0.5 U	0.5 U
Cadmium	UG/L	1.5 U	1.5 U	1.5 U
Calcium	UG/L	2080	4220	9660
Chromium	UG/L	3.5 U	3.5 U	3.5 U
Cobalt	UG/L	2.0 U	2.0 U	2.0 U
Copper	UG/L	6.0	3.0 U	3.0 U
Iron	UG/L	829	495	595
Lead	UG/L	2.3 J	0.5 UJ	0.5 UJ
Magnesium	UG/L	650	700	840
Manganese	UG/L	5.5 J	3.3 J	11.1 J
Mercury	UG/L	0.15	0.07 U	0.07 U
Nickel	UG/L	5.4 U	5.4 U	7.8 U
Potassium	UG/L	220	229	321
Selenium	UG/L	2.0 U	2.0 U	2.0 U
Silver	UG/L	2.5 UJ	2.5 UJ	2.5 UJ
Sodium	UG/L	4440	5030	4800
Thallium	UG/L	2.0 U	2.0 U	2.0 U
Vanadium	UG/L	1.5 U	1.5 U	1.5 U
Zinc	UG/L	11.0 U	6.6 U	5.2 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SURFACE WATER - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
	UNITS					
Aluminum	UG/L	1480	745.3	636.3	1818.0	271961.0
Antimony	UG/L	ND	NA	NA	NA	NA
Arsenic	UG/L	ND	NA	NA	NA	NA
Barium	UG/L	10.3	8.0	3.9	14.6	474.5
Beryllium	UG/L	ND	NA	NA	NA	NA
Cadmium	UG/L	ND	NA	NA	NA	NA
Calcium	UG/L	9660	5320.0	3907.9	11908.2	1709545.1
Chromium	UG/L	ND	NA	NA	NA	NA
Cobalt	UG/L	ND	NA	NA	NA	NA
Copper	UG/L	6	4.0	1.7	6.9	25.7
Iron	UG/L	829	639.7	171.4	928.7	1381.9
Lead	UG/L	2.3 J	1.1	1.0	2.9	1840.5
Magnesium	UG/L	840	730.0	98.5	896.0	995.6
Manganese	UG/L	11.1 J	6.6	4.0	13.4	358.3
Mercury	UG/L	0.15	0.10	0.05	0.18	0.82
Nickel	UG/L	ND	NA	NA	NA	NA
Potassium	UG/L	321	256.7	55.9	350.9	472.2
Selenium	UG/L	ND	NA	NA	NA	NA
Silver	UG/L	ND	NA	NA	NA	NA
Sodium	UG/L	5030	4756.7	297.4	5258.0	5380.5
Thallium	UG/L	ND	NA	NA	NA	NA
Vanadium	UG/L	ND	NA	NA	NA	NA
Zinc	UG/L	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SD01-06	30-SD01-612	30-SD02-06	30-SD02-612	30-SD03-06	30-SD03-612
Laboratory Sample ID:		940238-06	940238-08	940238-09	940238-10	940238-11	940238-12
Date Sampled:		3/25/94	3/25/94	3/24/94	3/24/94	3/24/94	3/24/94
	UNITS						
VOLATILES							
Chloromethane	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
Bromomethane	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
Vinyl chloride	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
Chloroethane	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
Methylene chloride	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
Acetone	UG/KG	17 U	120	7 U	7 U	7 U	63
Carbon Disulfide	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
1,1-Dichloroethene	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
1,1-Dichloroethane	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
1,2-Dichloroethene(total)	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
Chloroform	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
1,2-Dichloroethane	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
2-Butanone	UG/KG	17 U	30	7 U	7 U	7 U	12 U
1,1,1-Trichloroethane	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
Carbon tetrachloride	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
Bromodichloromethane	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
1,2-Dichloropropane	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
cis-1,3-Dichloropropene	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
Trichloroethene	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
Dibromochloromethane	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
1,1,2-Trichloroethane	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
Benzene	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
trans-1,3-Dichloropropene	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
Bromoform	UG/KG	17 U	13 U	7 U	7 U	7 U	12 U
4-Methyl-2-pentanone	UG/KG	17 U	13 UJ	7 U	7 U	7 U	12 U
2-Hexanone	UG/KG	17 U	13 UJ	7 U	7 U	7 U	12 U
Tetrachloroethene	UG/KG	17 U	13 UJ	7 U	7 U	7 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	17 U	13 UJ	7 U	7 U	7 U	12 U
Toluene	UG/KG	17 U	13 UJ	7 U	7 U	7 U	12 U
Chlorobenzene	UG/KG	17 U	13 UJ	7 U	7 U	7 U	12 U
Ethylbenzene	UG/KG	17 U	13 UJ	7 U	7 U	7 U	12 U
Styrene	UG/KG	17 U	13 UJ	7 U	7 U	7 U	12 U
Xylenes (total)	UG/KG	17 U	13 UJ	7 U	7 U	7 U	12 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SD01-06	30-SD01-612	30-SD02-06	30-SD02-612	30-SD03-06	30-SD03-612
Laboratory Sample ID:		940238-06	940238-08	940238-09	940238-10	940238-11	940238-12
Date Sampled:		3/25/94	3/25/94	3/24/94	3/24/94	3/24/94	3/24/94
	UNITS						
SEMIVOLATILES							
Phenol	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
bis(2-Chloroethyl) ether	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
2-Chlorophenol	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
1,3-Dichlorobenzene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
1,4-Dichlorobenzene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
1,2-Dichlorobenzene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
2-Methylphenol	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
2,2'-oxybis-(1-chloropropane)	UG/KG	550 UJ	410 UJ	215 UJ	220 UJ	225 UJ	370 UJ
4-Methylphenol	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
N-Nitroso-di-n-propylamine	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Hexachloroethane	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Nitrobenzene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Isophorone	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
2-Nitrophenol	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
2,4-Dimethylphenol	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
bis(2-Chloroethoxy) methane	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
2,4-Dichlorophenol	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
1,2,4-Trichlorobenzene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Naphthalene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
4-Chloroaniline	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Hexachlorobutadiene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
4-Chloro-3-methylphenol	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
2-Methylnaphthalene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Hexachlorocyclopentadiene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
2,4,6-Trichlorophenol	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
2,4,5-Trichlorophenol	UG/KG	1300 U	1000 U	500 U	550 U	550 U	900 U
2-Chloronaphthalene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
2-Nitroaniline	UG/KG	1300 U	1000 U	500 U	550 U	550 U	900 U
Dimethyl phthalate	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Acenaphthylene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
2,6-Dinitrotoluene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
3-Nitroaniline	UG/KG	1300 U	1000 U	500 U	550 U	550 U	900 U
Acenaphthene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID:		30-SD01-06	30-SD01-612	30-SD02-06	30-SD02-612	30-SD03-06	30-SD03-612
Laboratory Sample ID:		940238-06	940238-08	940238-09	940238-10	940238-11	940238-12
Date Sampled:		3/25/94	3/25/94	3/24/94	3/24/94	3/24/94	3/24/94
	UNITS						
SEMIVOLATILES Cont.							
2,4-Dinitrophenol	UG/KG	1300 U	1000 U	500 U	550 U	550 U	900 U
4-Nitrophenol	UG/KG	1300 U	1000 U	500 U	550 U	550 U	900 U
Dibenzofuran	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
2,4-Dinitrotoluene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Diethylphthalate	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
4-Chlorophenyl phenyl ether	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Fluorene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
4-Nitroaniline	UG/KG	1300 U	1000 U	500 U	550 U	550 U	900 U
4,6-Dinitro-2-methylphenol	UG/KG	1300 U	1000 U	500 U	550 U	550 U	900 U
N-nitrosodiphenylamine	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
4-Bromophenyl-phenylether	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Hexachlorobenzene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Pentachlorophenol	UG/KG	1300 U	1000 U	500 U	550 U	550 U	900 U
Phenanthrene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Anthracene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Carbazole	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
di-n-Butylphthalate	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Fluoranthene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Pyrene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Butyl benzyl phthalate	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
3,3'-Dichlorobenzidine	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Benzo[a]anthracene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Chrysene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
bis(2-Ethylhexyl)phthalate	UG/KG	500 J	3900	74 J	370 J	2600	770
di-n-Octylphthalate	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Benzo[b]fluoranthene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Benzo[k]fluoranthene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Benzo[a]pyrene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Indeno[1,2,3-cd]pyrene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Dibenz[a,h]anthracene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U
Benzo[g,h,i]perylene	UG/KG	550 U	410 U	215 U	220 U	225 U	370 U

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
VOLATILES						
Chloromethane	UG/KG	ND	NA	NA	NA	NA
Bromomethane	UG/KG	ND	NA	NA	NA	NA
Vinyl chloride	UG/KG	ND	NA	NA	NA	NA
Chloroethane	UG/KG	ND	NA	NA	NA	NA
Methylene chloride	UG/KG	ND	NA	NA	NA	NA
Acetone	UG/KG	120	36.6	46.4	74.7	1378.8
Carbon Disulfide	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethene	UG/KG	ND	NA	NA	NA	NA
1,1-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethene(total)	UG/KG	ND	NA	NA	NA	NA
Chloroform	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloroethane	UG/KG	ND	NA	NA	NA	NA
2-Butanone	UG/KG	30	13.0	9.2	20.6	32.9
1,1,1-Trichloroethane	UG/KG	ND	NA	NA	NA	NA
Carbon tetrachloride	UG/KG	ND	NA	NA	NA	NA
Bromodichloromethane	UG/KG	ND	NA	NA	NA	NA
1,2-Dichloropropane	UG/KG	ND	NA	NA	NA	NA
cis-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Trichloroethene	UG/KG	ND	NA	NA	NA	NA
Dibromochloromethane	UG/KG	ND	NA	NA	NA	NA
1,1,2-Trichloroethane	UG/KG	ND	NA	NA	NA	NA
Benzene	UG/KG	ND	NA	NA	NA	NA
trans-1,3-Dichloropropene	UG/KG	ND	NA	NA	NA	NA
Bromoform	UG/KG	ND	NA	NA	NA	NA
4-Methyl-2-pentanone	UG/KG	ND	NA	NA	NA	NA
2-Hexanone	UG/KG	ND	NA	NA	NA	NA
Tetrachloroethene	UG/KG	ND	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	ND	NA	NA	NA	NA
Toluene	UG/KG	ND	NA	NA	NA	NA
Chlorobenzene	UG/KG	ND	NA	NA	NA	NA
Ethylbenzene	UG/KG	ND	NA	NA	NA	NA
Styrene	UG/KG	ND	NA	NA	NA	NA
Xylenes (total)	UG/KG	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES						
Phenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethyl) ether	UG/KG	ND	NA	NA	NA	NA
2-Chlorophenol	UG/KG	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/KG	ND	NA	NA	NA	NA
2-Methylphenol	UG/KG	ND	NA	NA	NA	NA
2,2'-oxybis-(1-chloropropane)	UG/KG	ND	NA	NA	NA	NA
4-Methylphenol	UG/KG	ND	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	UG/KG	ND	NA	NA	NA	NA
Hexachloroethane	UG/KG	ND	NA	NA	NA	NA
Nitrobenzene	UG/KG	ND	NA	NA	NA	NA
Isophorone	UG/KG	ND	NA	NA	NA	NA
2-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
2,4-Dimethylphenol	UG/KG	ND	NA	NA	NA	NA
bis(2-Chloroethoxy) methane	UG/KG	ND	NA	NA	NA	NA
2,4-Dichlorophenol	UG/KG	ND	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/KG	ND	NA	NA	NA	NA
Naphthalene	UG/KG	ND	NA	NA	NA	NA
4-Chloroaniline	UG/KG	ND	NA	NA	NA	NA
Hexachlorobutadiene	UG/KG	ND	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/KG	ND	NA	NA	NA	NA
2-Methylnaphthalene	UG/KG	ND	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/KG	ND	NA	NA	NA	NA
2,4,6-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2,4,5-Trichlorophenol	UG/KG	ND	NA	NA	NA	NA
2-Chloronaphthalene	UG/KG	ND	NA	NA	NA	NA
2-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Dimethyl phthalate	UG/KG	ND	NA	NA	NA	NA
Acenaphthylene	UG/KG	ND	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
3-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
Acenaphthene	UG/KG	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
VOLATILES AND SEMIVOLATILES

Client Sample ID: Laboratory Sample ID: Date Sampled:	UNITS	MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
SEMIVOLATILES Cont.						
2,4-Dinitrophenol	UG/KG	ND	NA	NA	NA	NA
4-Nitrophenol	UG/KG	ND	NA	NA	NA	NA
Dibenzofuran	UG/KG	ND	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/KG	ND	NA	NA	NA	NA
Diethylphthalate	UG/KG	ND	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	UG/KG	ND	NA	NA	NA	NA
Fluorene	UG/KG	ND	NA	NA	NA	NA
4-Nitroaniline	UG/KG	ND	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/KG	ND	NA	NA	NA	NA
N-nitrosodiphenylamine	UG/KG	ND	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/KG	ND	NA	NA	NA	NA
Hexachlorobenzene	UG/KG	ND	NA	NA	NA	NA
Pentachlorophenol	UG/KG	ND	NA	NA	NA	NA
Phenanthrene	UG/KG	ND	NA	NA	NA	NA
Anthracene	UG/KG	ND	NA	NA	NA	NA
Carbazole	UG/KG	ND	NA	NA	NA	NA
di-n-Butylphthalate	UG/KG	ND	NA	NA	NA	NA
Fluoranthene	UG/KG	ND	NA	NA	NA	NA
Pyrene	UG/KG	ND	NA	NA	NA	NA
Butyl benzyl phthalate	UG/KG	ND	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/KG	ND	NA	NA	NA	NA
Benzo[a]anthracene	UG/KG	ND	NA	NA	NA	NA
Chrysene	UG/KG	ND	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/KG	3900	1369.0	1530.4	2627.9	98603.3
di-n-Octylphthalate	UG/KG	ND	NA	NA	NA	NA
Benzo[b]fluoranthene	UG/KG	ND	NA	NA	NA	NA
Benzo[k]fluoranthene	UG/KG	ND	NA	NA	NA	NA
Benzo[a]pyrene	UG/KG	ND	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	UG/KG	ND	NA	NA	NA	NA
Dibenz[a,h]anthracene	UG/KG	ND	NA	NA	NA	NA
Benzo[g,h,i]perylene	UG/KG	ND	NA	NA	NA	NA

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID:		30-SD01-06	30-SD01-612	30-SD02-06	30-SD02-612	30-SD03-06	30-SD03-612
Laboratory Sample ID:		940238-06	940238-08	940238-09	940238-10	940238-11	940238-12
Date Sampled:		3/25/94	3/25/94	3/24/94	3/24/94	3/24/94	3/24/94
Percent Solids		30.0	40.0	76.0	75.0	73.0	44.0
	UNITS						
Aluminum	MG/KG	2320	1490	528	2010	636	3390
Antimony	MG/KG	9.8 U	7.9 U	3.2 U	4.1 U	5.4 U	6.0 U
Arsenic	MG/KG	0.9 U	0.7 U	0.28 U	0.36 U	0.48 U	0.6 U
Barium	MG/KG	9.1	8.0	10.1	4.1	1.1 U	7.1
Beryllium	MG/KG	0.29 U	0.23 U	0.09 U	0.12 U	0.16 U	0.37
Cadmium	MG/KG	0.9 U	0.7 U	0.60	0.36 U	0.48 U	0.6 U
Calcium	MG/KG	646	192	342	127	233	4650
Chromium	MG/KG	7.5	6.1	2.2	2.4	1.1 U	7.9
Cobalt	MG/KG	1.2 U	1.0 U	0.77	0.48 U	0.7 U	0.7 U
Copper	MG/KG	9.5	1.4 U	5.8	2.8	1.0 U	2.3
Iron	MG/KG	755	595	377	643	213	842
Lead	MG/KG	15.5	5.5	3.7	3.7	1.3	2.9
Magnesium	MG/KG	133	116	12.5 U	68.7	24.0	129
Manganese	MG/KG	19.0	8.5	3.9	5.8	3.0	7.5
Mercury	MG/KG	0.07 U	0.05 U	0.03 U	0.03 U	0.04 U	0.05 U
Nickel	MG/KG	2.0 UJ	1.6 UJ	0.7 UJ	1.9 J	1.1 UJ	5.8 J
Potassium	MG/KG	102	101	27.4	70.9	37.5	121
Selenium	MG/KG	1.2 U	1.0 U	0.37 U	0.48 U	0.7 U	0.7 U
Silver	MG/KG	1.5 UJ	1.2 UJ	0.46 UJ	0.6 UJ	0.8 UJ	0.9 UJ
Sodium	MG/KG	37.0 U	46.0 U	13.0 U	13.6 U	8.1 U	16.6 U
Thallium	MG/KG	1.2 U	1.0 U	0.37 U	0.48 U	0.7 U	0.7 U
Vanadium	MG/KG	5.3	2.9	1.9	3.6	0.48 U	6.0
Zinc	MG/KG	11.3	2.9	9.2	6.6	2.5	6.3

SITE 30
SNEADS FERRY ROAD FUEL TANK SLUDGE AREA
SEDIMENT - STATISTICAL SUMMARY
REMEDIAL INVESTIGATION CTO-19231
MCB CAMP LEJEUNE, NORTH CAROLINA
TOTAL METALS

Client Sample ID: Laboratory Sample ID: Date Sampled:		MAXIMUM DETECTED	ARITHMETIC MEAN	STANDARD DEVIATION	NORMAL UPPER 95% CONFIDENCE INTERVAL	LOG NORMAL UPPER 95% CONFIDENCE INTERVAL
Percent Solids						
	UNITS					
Aluminum	MG/KG	3390	1729.0	1084.6	2621.2	6140.3
Antimony	MG/KG	ND	NA	NA	NA	NA
Arsenic	MG/KG	ND	NA	NA	NA	NA
Barium	MG/KG	10.1	6.6	3.4	9.4	33.3
Beryllium	MG/KG	0.37	0.21	0.11	0.30	0.44
Cadmium	MG/KG	0.6	0.59	0.17	0.73	0.83
Calcium	MG/KG	4650	1031.7	1782.0	2497.6	34753.3
Chromium	MG/KG	7.9	4.5	3.0	7.0	20.5
Cobalt	MG/KG	0.77	0.78	0.24	0.98	1.10
Copper	MG/KG	9.5	3.8	3.3	6.5	18.5
Iron	MG/KG	842	570.8	236.2	765.1	1180.6
Lead	MG/KG	15.5	5.4	5.1	9.6	23.7
Magnesium	MG/KG	133	80.5	53.5	124.6	659.0
Manganese	MG/KG	19	8.0	5.8	12.7	21.2
Mercury	MG/KG	ND	NA	NA	NA	NA
Nickel	MG/KG	5.8 J	2.2	1.8	3.7	7.3
Potassium	MG/KG	121	76.6	37.9	107.8	196.0
Selenium	MG/KG	ND	NA	NA	NA	NA
Silver	MG/KG	ND	NA	NA	NA	NA
Sodium	MG/KG	ND	NA	NA	NA	NA
Thallium	MG/KG	ND	NA	NA	NA	NA
Vanadium	MG/KG	6	3.4	2.1	5.1	23.8
Zinc	MG/KG	11.3	6.5	3.4	9.3	16.6