10622

U.S. Army Corps of Engineers
New England District

FINAL
REMEDIAL INVESTIGATION REPORT
AREA OF CONTAMINATION (AOC) 57

VOLUME II OF III
APPENDICES A
THROUGH D

CONTRACT DACA-31-94-D-0061
DELIVERY ORDER NUMBER 0001

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS

JUNE 2000

PRINTED ON RECYCLED PAPER

Harding
Lawson
Associates

FINAL
REMEDIAL INVESTIGATION REPORT
AREA OF CONTAMINATION (AOC) 57

VOLUME II OF III
APPENDICES A THROUGH D

CONTRACT DACA-31-94-D-0061
DELIVERY ORDER NUMBER 0001

Prepared for:

U.S. Army Corps of Engineers
New England District
Concord, Massachusetts

Prepared by:

Harding Lawson Associates
Portland, ME
Project No. 45001
Task No. 0914403

June 2000

EXPLORATION LOGS

(e) 0651202

SOIL BORING LOG

Client: USATHAMA	Project No. 9144-02	~~Study Area:~~ AOC 57
		Boring No.: 57B-95-01X
		Protection: D
Contractor: D.L. Maher	Date Started: 9-26-95	Completed: 9-26-95
Method: 4½"(ID) HSA	Casing Size: —	PI Meter: TE 580A OVM
Ground Elev.:	Soil Drilled: ~~23 ft~~ 21 ft	Total Depth: 23 ft
Logged by: SJM	Checked by:	▽ Below Ground: 20.6 ft
Screen: — (ft.) Riser: — (ft.) Diam: — (ID)	Material: —	Page 1 of: 2

SCALE VARIES

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	CLP/SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK DESCRIPTION	SOIL CLASS	BLOWS/6-IN.	WELL DATA	LITHOLOGY	ELEVATION (FT.)
0	BX5701CO	0-2'		1.7'	0.0	Top 1.1': Gravelly med SAND, well graded, 15% f to c gravel, 10% c sand, 5% f sand, 15% silt, nonplastic, loose, dry, brown, angular. Bottom 0.6': Med. SAND moderately graded, 5% c sand, 5-12% [illegible] nonplastic, loose, dry, yellowish brown.	SM / SW-SM	9 16 23 14			
2											
5	BX570105	5-7'		1.5'	0.0	Med to c SAND, well graded, 10% f sand, <5% fines, loose, dry to damp, tan with 5% darker clasts.	SW	11 13 11 11			
7											
10	~~BX5701?0~~ SJM	10-12'		1.4'	0.0	Med. SAND, moderately graded, 15% f sand, <5% fines, loose, damp, tan with 5% darker clasts.	SW	8 9 8 8			
12											
15	~~BX570115~~ SJM	15-17'		1.4'	0.0	Med to c SAND, well graded, 15% f and c gravel, to 1" max, <5% f sand, <5% fines, loose, damp, light tan with 5-10% dk. gray clasts, subangular	SW	7 16 23 20			
17											

PROPORTIONS	(-) AMOUNT (+)
Trace (tr)	0-10%
Little (ll)	10-20%
Some (so)	20-35%
and	35-50%

ABBREVIATIONS

f = fine	gr = gray	MS = Split Spoon
m = medium	bn = brown	BW = Screened Auger
c = coarse	blk = black	HP = Hydropunch

* Grain size samples collected from each spoon.

ABB Environmental Services, Inc.

9212502 (c)

SOIL BORING LOG

Client: USATHAMA	Project No. 9144-02	Study Area: AOC 57
		Boring No.: 57B-95-01X
		Protection: D
Contractor:	Date Started: 9-26-95	Completed: 9-26-95
Method: 4 1/4" HSA	Casing Size: —	PI Meter: TE 580A OVM
Ground Elev.:	Soil Drilled: 21 ft	Total Depth: 23 ft
Logged by: sjm	Checked by:	▽ Below Ground: 20.6 ft
Screen: — (ft.) Riser: — (ft.)	Diam: — (ID) Material: —	Page 2 of: 2

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	CLP/SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK DESCRIPTION	SOIL CLASS	BLOWS/6-IN.	WELL DATA	LITHOLOGY	ELEVATION (FT.)
17	BXS70117 sjm	17-19		not recorded	0.0	Med to c. SAND, moderately ~~sorted~~ graded (sjm), 5% f sand, <5% fines, loose, damp, lt. tan with 5-10% dark gray clasts, subangular	SW	7 9 8 11			
19		19-21 ▽		1.5 ▽	0.0	Med SAND, poorly graded, 5-10% f sand, <5% fines, med. dense; top 1.1' damp, bottom 0.4' wet, lt. tan with 5% dark clasts, subangular.	SP ▽	7 10 15 17		▽	
21	BXS70121	21-23		1.5'	0.0	Med SAND, poorly graded, 5-10% f sand, <5% fines, med. dense; saturated, lt. tan with 5% dark clasts, subangular.	SP	10 13 19 22			
23						Bottom of exploration at 23'. Augers advanced to 21'. Depth to Water = 20.6 ft					

PROPORTIONS	(-) AMOUNT (+)	ABBREVIATIONS		
Trace (tr)	0-10%	f = fine	gr = gray	MS = Split Spoon
Little (li)	10-20%	m = medium	bn = brown	BW = Screened Auger
Some (so)	20-35%	c = coarse	blk = black	HP = Hydropunch
and	35-50%			

SOIL BORING LOG

Client: USATHAMA	Project No. 9144-02	Study Area: AOC 57
		Boring No.: 57B-95-02X
		Protection: D
Contractor: D.L. Maher	Date Started: 9/27/95	Completed: 9/27/95
Method: 4½" (ID) HSA	Casing Size: —	PI Meter: TE 580A OVM
Ground Elev.:	Soil Drilled: 19 ft.	Total Depth: 19'
Logged by: sjm	Checked by:	▽ Below Ground: 16.92'
Screen: (ft.) Riser: (ft.)	Diam: (ID) Material:	Page 1 of: 2

(DEPTH NOT TO SCALE)

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	CLP/SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK DESCRIPTION	SOIL CLASS	BLOWS/6-IN.	WELL DATA	LITHOLOGY	ELEVATION (FT.)
0–2	BX570200	0-2'		1.4'	0.0	0.0'-0.6': Gravelly, silty, m to c SAND, well graded, 20% f to c gravel, 15% f sand, 15% silt, nonplastic, med dense, dry, dark gray.	SM	10 11 11 12			
						0.6'-1.4': Gravelly m to c SAND, well graded, 10% f to c gravel, 10% f sand, 15% silt, med dense, dry, yellow.	SM				
5–7	BX570205	5-7'		1.6'	0.0	M to c SAND, well graded, ~~med~~ (sjm) 5% f gravel, 5% f sand, 5-12% silt, nonplastic, med dense, damp, yellowish tan	SW-SM	6 9 8 9			
10–12		10-12'		1.4'	0.0	M SAND, moderately graded, 5% c sand, 10% f sand, 5-12% fines, med dense, damp, tan. ~~with 5-10% dk gray~~ (sjm)	SW-SM	8 15 12 10			

PROPORTIONS	(-) AMOUNT (+)
Trace (tr)	0-10%
Little (ll)	10-20%
Some (so)	20-35%
and	35-50%

ABBREVIATIONS

f = fine	gr = gray	MS = Split Spoon
m = medium	bn = brown	BW = Screened Auger
c = coarse	blk = black	HP = Hydropunch

0202158D (c)

SOIL BORING LOG

Client: USATHAMA	Project No. 9144-02	Study Area: AOC 57
		Boring No.: 57B-95-02X
		Protection: D
Contractor:	Date Started: 9/27/95	Completed: 9/27/95
Method: 4¼" HSA	Casing Size:	PI Meter: TE 580A OVM
Ground Elev.:	Soil Drilled: 19 ft.	Total Depth: 19'
Logged by: SJM	Checked by:	▽ Below Ground: 16.92'
Screen: (ft.) Riser: (ft.) Diam: (ID)	Material:	Page 2 of: 2

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	CLP/SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK DESCRIPTION	SOIL CLASS	BLOWS/6-IN.	WELL DATA	LITHOLOGY	ELEVATION (FT.)
15		15-17'		1.5'	0.0	Med SAND, moderately graded, 5% c. sand, 5% f sand, 5-12% silt, loose, moist, tan.	SW-SM	6 7 9 8			
17	BX570217	17-19		1.4	0.0	Med SAND, as in 15-17' interval, but saturated.	SW-SM	6 8 9 9			
19						Augers advanced to 19' bgs. Spoons driven to 19' bgs. Depth to water = 16.92'					

PROPORTIONS	(-) AMOUNT (+)	ABBREVIATIONS		
Trace (tr)	0-10%	f = fine	gr = gray	MS = Split Spoon
Little (ll)	10-20%	m = medium	bn = brown	BW = Screened Auger
Some (so)	20-35%	c = coarse	blk = black	HP = Hydropunch
and	35-50%			

ABB Environmental Services, Inc.

9202159D (c)

SOIL BORING LOG

Client: USATHAMA	Project No. 9144-02	Study Area: AOC 57
		Boring No.: 57B-95-03X
		Protection: D
Contractor: D.L. Maher	Date Started: 9/27/95	Completed: 9/28/95
Method: 4 1/4" HSA	Casing Size: —	PI Meter: TE 580 A OVM
Ground Elev.:	Soil Drilled: 24'	Total Depth: 24'
Logged by: gjm	Checked by:	Below Ground: 21.23'
Screen: (ft.) Riser: (ft.) Diam: (ID)	Material:	Page 1 of: 1

DEPTH NOT TO SCALE

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	CLP/SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK DESCRIPTION	SOIL CLASS	BLOWS/6-IN.	WELL DATA	LITHOLOGY	ELEVATION (FT.)
0		0-2'	BF570300	1.8'	0.0	0.0 to 1.3': Gravelly m to c SAND, 25% f to c gravel to 3/4" max, well graded, 15% f sand, 15% silt, med dense, dry, brown	SM	13 11 16 20			
2						1.3'-1.8': Gravelly m to c SAND, as above, but dk. gray.	SM				
5		5-7'	BF570305	1.3'	0.0	Med SAND, moderately graded, 5% c sand, 5% f sand, 5-12% silt, loose, damp, tan	SW-SM	8 8 10 14			
7											
10		10-12'		1.4'	0.0	F to m SAND, moderately to poorly graded, 1% c sand, < 5% silt, loose, damp, tan.	SP	6 7 8 9			
12											
15		15-17		1.3'	0.0	M to c SAND, moderately graded, 5% f sand, 5-12% silt, med dense, moist, tan.	SW-SM	6 11 13 11			
17		17-19		1.5'	0.0	M to c SAND, as in 15'-17' interval.	SW-SM	9 19 14 15			
19		19-21'		1.3'	Not measured	M SAND, moderately graded, 5% c sand, 5-10% f sand, 5-12% silt, med dense, moist to wet, tan. Bottom 3" contain c. gravel chunks	SW-SM	8 9 10 10			
21	*	21-23'		1.6'	Not recorded	M SAND as in 19-21', but saturated.	SW-SM	12 12 11 11			
23											

PROPORTIONS	(-) AMOUNT (+)
Trace (tr)	0-10%
Little (ll)	10-20%
Some (so)	20-35%
and	35-50%

ABBREVIATIONS

f = fine	gr = gray	MS = Split Spoon
m = medium	bn = brown	BW = Screened Auger
c = coarse	blk = black	HP = Hydropunch

*BX570321

— Augers advanced to 24'
— Spoons driven to 23'

ABB Environmental Services, Inc.

NOTE: PID battery low; unable to measure ppm for 19-21' and 21-23' intervals (gjm)

0251590 (c)

SOIL BORING LOG

Client: USATHAMA	Project No. 9144-02	Study Area: AOC 57
		Boring No.: 57B-95-04X
		Protection: D
Contractor: D.L. Maher	Date Started: 9/28/95	Completed: 9/28/95
Method: 4 1/2" HSA	Casing Size: ——	PI Meter: TE 580 A OVM
Ground Elev.:	Soil Drilled: 17'	Total Depth: 17'
Logged by: SJM	Checked by:	▽ Below Ground: 13.3'
Screen: (ft.) Riser: (ft.)	Diam: (ID)	Material:	Page 1 of: 1

DEPTH NOT TO SCALE

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	CLP/SCREENING	RECOVERY (ft)	PID (ppm)	SOIL/ROCK DESCRIPTION	SOIL CLASS	BLOWS/6-IN.	WELL DATA	LITHOLOGY	ELEVATION (FT.)
0		0-2		0.8	0.0	Gravelly, silty med SAND, very well graded, 5% c gravel to 2" max, 10% f gravel, 10% c sand, 10% f sand, 15% silt, loose, moist, dk brown. "Earthy" smell.	SM	1 3 5 6			
2											
5		5-7		1.3	0.0	Med SAND, well graded, < 5% c gravel to 3/4" max, 5% f gravel, 10% c sand 5-10% f sand, 5-12% silt, loose, moist, yellowish brown.	SW-SM	5 7 8 9			
7											
10		10-12		1.4	0.0	M to c SAND, well graded, 2% c gravel to 1/2" max, 2% f gravel, 15% f sand, < 5% silt, loose, moist, tan	SW	5 7 9 12			
12		▽			▽	▽ ▽ ▽		▽	▽		▽ (8gm)
15	BX5704/15	15-17	BF5704/15	1.6	0.0	F to m SAND, poorly graded, 1% c sand, med dense, saturated, tan.	SP	5 15 25 24			
17						— Augers advanced to 17 ft bgs. — Spoons driven to 17 ft bgs.					

PROPORTIONS	(-) AMOUNT (+)	ABBREVIATIONS		
Trace (tr)	0-10%	f = fine	gr = gray	MS = Split Spoon
Little (li)	10-20%	m = medium	bn = brown	BW = Screened Auger
Some (so)	20-35%	c = coarse	blk = black	HP = Hydropunch
and	35-50%			

ABB Environmental Services, Inc.

SOIL BORING LOG

Client: USATHAMA	Project No. 9144-02	Study Area: AOC 57
		Boring No.: 57B-95-05X
		Protection: D
Contractor: D.L. Maher	Date Started: 9/28/95	Completed: 9/28/95
Method: 4 1/2" HSA	Casing Size:	PI Meter: TE 580A OVM
Ground Elev.:	Soil Drilled: 17'	Total Depth: 17'
Logged by: SJM	Checked by:	▽ Below Ground: 14.56'
Screen: (ft.) Riser: (ft.) Diam: (ID)	Material:	Page 1 of: 1

DEPTH NOT TO SCALE

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	CLP/SCREENING	RECOVERY (ft)	PID (ppm)	SOIL/ROCK DESCRIPTION	SOIL CLASS	BLOWS/6-IN.	WELL DATA	LITHOLOGY	ELEVATION (FT.)
0–2		0-2'		1.6'	0.0	0.0-0.7': Gravelly m to c SAND, well graded, 20% f gravel, 10% f sand, 15% silt, loose, damp, dk grayish brown. 0.7'-1.6': F to m SAND, well graded, 25% silt, loose, damp, dk. brown	SM / SM	2 7 14 9			
5–7		5-7		1.4'	0.0	M SAND, moderately graded, 2% f to c gravel, 10% c sand, 10% f sand, 5-12% silt, loose, damp, yellowish brown.	SW-SM	4 6 6 7			
10–12		10-12		1.5	0.0	F to m SAND, moderately graded, 2% c sand, 5-12% silt, loose, damp, tan.	SW to SM	4 6 7 8			
15–17	BX5705151	15-17'	BF570515	1.6'	0.0	Top 0.6': M SAND, moderately graded, 15% f sand, <5% silt, loose, saturated, tan. 0.6'-0.8': M SAND, as in 0.0-0.6', but slightly coarser and with a rusty brown color. 0.8'-1.6': VF SAND, poorly graded, 5% med sand, 5-12% silt, loose, saturated, tan.	SW / SW / SW-SM	5 5 6 9			

PROPORTIONS	(-) AMOUNT (+)
Trace (tr)	0-10%
Little (ll)	10-20%
Some (so)	20-35%
and	35-50%

ABBREVIATIONS

f = fine	gr = gray	MS = Split Spoon
m = medium	bn = brown	BW = Screened Auger
c = coarse	blk = black	HP = Hydropunch

— Augers and spoons driven to 17' bgs

SOIL BORING LOG

9202159D (c)

Client: USATHAMA	Project No. 9144-02	Study Area: AOC 57 / Boring No.: 57B-95-06X
Contractor: D.L. Maher	Date Started: 9/28/95	Protection: D / Completed: 9/28/95
Method: 4 1/4" HSA	Casing Size: —	PI Meter: TE 580 A OVM
Ground Elev.:	Soil Drilled: 16'	Total Depth: 16'
Logged by: SJM	Checked by:	Below Ground: 13.98'
Screen: — (ft.) Riser: — (ft.)	Diam: — (ID) Material: —	Page 1 of: 1

(DEPTH NOT TO SCALE)

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH (ft)	CLP/SCREENING	RECOVERY (ft)	PID (ppm)	SOIL/ROCK DESCRIPTION	SOIL CLASS	BLOWS/6-IN.	WELL DATA	LITHOLOGY	ELEVATION (FT.)
0		0-2		1.6	0.0	M SAND, moderately graded, <5% c sand, 5% f sand, 5-12% silt, loose, damp, yellowish brown, subangular.	SW-SM	5 10 9 8			
2											
5		5-7		1.4	0.0	F SAND, poorly graded, >15% silt, loose, damp, tan, subangular.	SM	6 8 8 9			
7											
10		10-12		1.5	0.0	M SAND, poorly graded, ~~>15% (silt)~~ 10% f sand, 5-12% silt, loose, damp, tan.	SW-SM	5 5 6 8			
12	BXS70612	12-14	BFS70612	1.5	0.0	M SAND, well graded, 10% c sand, 10% f sand, <5% silt, loose, saturated, tan, subangular.	SW	5 6 8 9			
14		14-16		1.4	0.0	F to m SAND, well graded, <5% silt, loose, saturated, tan, subangular.	SW	5 6 7 9			
16											

- Augers advanced to 16' bgs
- Spoons driven to 16' bgs

PROPORTIONS	(-) AMOUNT (+)
Trace (tr)	0-10%
Little (ll)	10-20%
Some (so)	20-35%
and	35-50%

ABBREVIATIONS

f = fine	gr = gray	MS = Split Spoon
m = medium	bn = brown	BW = Screened Auger
c = coarse	blk = black	HP = Hydropunch

ABB Environmental Services, Inc.

SOIL BORING LOG

Client: USACE	Project No. 09144-08		Study Area: AOC 57
			Boring No.: 57B-96-07X
			Protection: Mod. D
Contractor: N.H.B	Date Started: 8.28.96		Completed: 8.28.96
Method: 4.25" HSA	Casing Size: —		PI Meter: TE 580B OVM
Ground Elev.:	Soil Drilled: 12.0 FT		Total Depth: 12.0' bgs
Logged by: R.McCoy	Checked by: RRR		▽ Below Ground: ~ 5.0' bgs
Screen: — (ft.) Riser: — (ft.)	Diam: — (ID)	Material: —	Page 1 of: 1

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	ON-SITE SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS		WELL DATA
0–2	ONSITE/OFFSITE	0 TO 2	BFS707C0	1.8/2.0	230	f. SAND, poorly graded, 5% fines, dry, loose, non-plastic, light to dark brown. Fuel odors noted. (RR)	~~SW~~ SP	6/8/7/8	GROUT BOREHOLE TO SURFACE
5–7	ONSITE/OFFSITE	5 TO 7	BFS70705	1.9/2.0	300	f. SAND, poorly graded, 5% fines, SATURATED (▽) loose, non-plastic, light to dark grey, sheen on water, odors. (RR)	~~SW~~ (SP)	6/7/7/8	
10–12	ONSITE	10 TO 12	BFSX710	1.6/2.0	11.0	SAME AS ABOVE, SATURATED	~~SW~~ SP	5/6/8/10	
12						B.O.B = 12.0' bgs (Not Refusal) (RR)			

Depth scale: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20

SOIL BORING LOG
PROJECT OPERATIONS PLAN
FORT DEVENS, MASSACHUSETTS

ABB Environmental Services, Inc.

9312005S L7

SOIL BORING LOG

Client: USACE	Project No. 09144-08		Study Area: AOC 57
			Boring No.: 57B-96-03X
Contractor: NHB	Date Started: 8/29/96		Protection: MOD D
			Completed: 8/29/96
Method: 4.25 HSA	Casing Size: —		PI Meter: TE 580B OVM
Ground Elev.:	Soil Drilled: 12.0'		Total Depth: 12'
Logged by: H K Wilson	Checked by: RRR		Below Ground: ~6'
Screen: N/A (ft.)	Riser: — (ft.)	Diam: — (ID) Material: —	Page 1 of: 1

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	ON-SITE SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS	Blows	WELL DATA
0–2'	ONSITE/ OFFSITE	0-2	85570800	1.6'	0.4	TOPSOIL BRN TO LT. BRN F-M SAND W/SILT + GRAVEL + ROOTS ~/5 SILT ~10% GRAVEL LOOSE 3" SPOON	SW	7 4 6 9	N/A
4									
5–7	ON / OFFSITE	5-7	85570805	1.4'	0	SATURATED AT TIP TAN MOSTLY FINE SAND TRACE SILT LOOSE 3" SPOON	SP	5 5 6 7	
8									
10–12'	ONSITE	10-12	85570810	1.5'	1	TAN FINE SAND W/SILT ~20% SILT LOOSE 3" SPOON	~~SP~~ -SM	4 5 3 6	
						END OF BORING 12' AUGERS TO 10'	(initials)		

SOIL BORING LOG
PROJECT OPERATIONS PLAN
FORT DEVENS, MASSACHUSETTS

ABB Environmental Services, Inc.

9312005S L7

SOIL BORING LOG

Client: 4(AEC	Project No. 09144.08	Study Area: AOC 57
		Boring No.: 57B96-09X
Contractor: NHB	Date Started: 8/29/95	Protection: mod. D
		Completed: 8/29/96
Method: 4.25 HSA	Casing Size: –	PI Meter: TE 580B OVA
Ground Elev.:	Soil Drilled: 12.0	Total Depth: 12'
Logged by: N.K. Wilson	Checked by: RRR	▽ Below Ground: ~5'
Screen: N/A (ft.) Riser: — (ft.)	Diam: — (ID) Material: ——	Page 1 of: 1

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	ON-SITE SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS		WELL DATA
0–2'	ONSITE OFFSITE	0-2	BFS70XL	1.2'	0	BRN F-M SAND W/ SILT + GRAVEL ~15% SILT, TRACE ROOTS LOOSE ~15% GRAVEL 3" SPOON	~~SW~~ ~~SM~~ SM	3 5 5 4	N/A
4'									
6'	ONSITE OFFSITE	5-7	BFS70S05	2'	0	TAN FINE SAND SATURATED AT TIP LOOSE TRACE SILT 3" SPOON	SP	3 4 5 6	
8'									
10'–12'	ONSITE	10-12	BFS70??	1.6'	0	TAN FINE SAND TRACE SILT LOOSE 2" SPOON	SP	3 5 5 5	
12'						END OF BORING AT 12'			

SOIL BORING LOG
PROJECT OPERATIONS PLAN
FORT DEVENS, MASSACHUSETTS

ABB Environmental Services, Inc.

9312005S L7

SOIL BORING LOG

Client: USACE	Project No. 09144-03	Study Area: AOC 57	
		Boring No.: 57B-96-10X	
Contractor: NH B	Date Started: 9.3.96	Protection: Mod. D	
Method: 4.25' HSA	Casing Size: –	Completed: 9.3.96	
Ground Elev.:	Soil Drilled: 17.0 FT	PI Meter: TE 580B OVM	
Logged by: R. McCoy	Checked by: RRR	Total Depth: 17.0' bgs	
Screen: – (ft.) Riser: – (ft.)	Diam: – (ID) Material: –	Below Ground: ~ 9.0' bgs	Page 1 of: 1

DEPTH (FT)	SAMPLE TYPE	SAMPLE DEPTH	ON-SITE SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS		WELL DATA
2									
4									
6	ONSITE OFFSITE	5 TO 7	BFS71005	1.7 / 2.0	0.0	Fine SAND, poorly graded, trace silt & gravel, dry, loose, non-plastic, reddish brown (RR)	~~SW~~ SP	4/5/6/5	BOREHOLE GROUTED TO GROUND SURFACE
8									
10–12	ONSITE OFFSITE	10 TO 12	BFS71010	1.7 / 2.0	0.0	Fine SAND, poorly graded, trace silt & gravel, non-plastic, SATURATED, Med. loose, light brown (RR)	~~SW~~ SP	7/10/8/14	
14									
16	ONSITE	15 TO 17	BFS71015	1.4 / 2.0	0.0	fine SAND, poorly graded, trace silt & gravel, non-plastic, SATURATED, loose, light greyish brown w/ reddish lenses,	~~SW~~ SP	5/6/4/4	
18						B.O.B: 17.0' bgs (Not Refusal) (RR)			
20									

SOIL BORING LOG
PROJECT OPERATIONS PLAN
FORT DEVENS, MASSACHUSETTS

ABB Environmental Services, Inc.

9312005S L7

SOIL BORING LOG

Client: USACE	Project No. C9144-08		Study Area: AOC 57
			Boring No.: 57B-96-11X
			Protection: Mod. D
Contractor: N H B	Date Started: 9.3.96		Completed: 9.3.96
Method: 4.25" HSA	Casing Size: –		PI Meter: TE 580B OVM
Ground Elev.:	Soil Drilled: 17.0 FT		Total Depth: 17.0 [illegible]
Logged by: R. McCoy	Checked by: RRR		∇ Below Ground: ~ 9.0' bgs
Screen: - (ft.)	Riser: - (ft.)	Diam: – (ID) Material: –	Page 1 of: 1

DEPTH (FT)	TYPE	SAMPLE DEPTH	ON-SITE SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS	WELL DATA
2								
4								
6	ONSITE OFFSITE	5 TO 7	BE57110S	1.8/2.0	0.0	Fine SAND, poorly graded, 5% fines, no gravel, dry, loose, non-plastic, light brown. (RRR)	~~SW~~ SP	10/15/22/21
8								
10	ONSITE + dup OFFSITE + dup	10 TO 12	BE571110	1.8/2.0	0.0	Fine sand, p. graded, 5% fines, no gravel, SATURATED, Med. loose, non-plastic, light greyish brown. (RRR)	~~SW~~ SP	7/9/10/15
12								
14								
16	ONSITE	15 TO 17	BE57111S	1.4/2.0	0.0	SAME AS ABOVE.	~~SW~~ SP	5/5/5/5
18						B.O.B = 17.0' bgs (Not Refusal) (RRR)		
20								

NO WELL INSTALLED

SOIL BORING LOG
PROJECT OPERATIONS PLAN
FORT DEVENS, MASSACHUSETTS

ABB Environmental Services, Inc.

9312005S L7

SOIL BORING LOG

Client: USAEC	Project No. 09144-02	Study Area: AOC 57
		Boring No.: 57M-95-01X
		Protection: MODIFIED D
Contractor: D.L. MAHER	Date Started: 9/21/95	Completed: 9/21/95
Method: H.S.A.	Casing Size: 6" Steel (GM)	PI Meter: 580A OVM TE#10
Ground Elev.:	Soil Drilled: 30 FEET	Total Depth: 30 FEET
Logged by: G. GULSETH	Checked by:	▽ Below Ground: 22.3 FEET
Screen: 10 (ft.) (GM) Riser: 19' bgs (ft.) (GM)	Diam: 4" (ID) (GM) Material: Sched. 40 PVC (GM)	Page 1 of: 2

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	ON-SITE SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS	BLOWS (5 10 15 20 25)	WELL DATA
0–2		0-2		1.7		Top 0.5ft - cmf silty SAND, well graded, 15-20% silt, 20% gravel, low plasticity, damp, loose, dark brown, subangular. Bottom 1.2ft - cmf gravelly SAND, well graded, 30% gravel, damp, loose, dark yellowish brown, subangular	SM / SW	6, 14, 17, 16	
2–4		2-4		1.6		Cmf SAND, well graded, 10% gravel, damp, very loose, dk. yellowish brown, subangular	SW	3, 5, 5, 7	
4–6		4-6		1.3		Cmf SAND, poorly graded, <5% gravel, damp, v. loose, yellowish brown, subang.	SP	6, 6, 8, 9	
6–8		6-8		1.6		Top 0.9 feet - See Above Description. Bottom 0.7ft - cmf gravelly SAND, well graded, 15% gravel, damp, loose, brownish yellow	SP-SW	4, 8, 9, 13	
8–10		8-10		1.3		@ 8-10' - See Above Description	SW	8, 9, 12, 10	
10–12		10-12		1.8		@ 10-10.2' - See Above Description. @ 10.2-12' - cmf SAND, poorly graded, 5% gravel, damp, loose, brownish yellow, subangular	SW / SP	4, 5, 9, 12	
12–14		12-14		1.5		@ 12-14' - See Above Description - to olive brown	SP	7, 8, 16, 19	
14–16		14-16		1.6		@ 14-16' - cmf gravelly SAND, well graded, 10-15% gravel, damp, loose, brownish yellow, subangular	SW	5, 6, 16, 13	
16–18		16-18			1.4	@ 16-18' - Top 0.4' - See Above Description. Bottom 1.0ft - cmf SAND, poorly graded, damp, loose, light brownish yellow, subrounded	SW / SP	7, 12, 13, 15	
18–20		18-20			1.8	@ 18-20' - See Above Description	SP	5, 8, 9, 12	

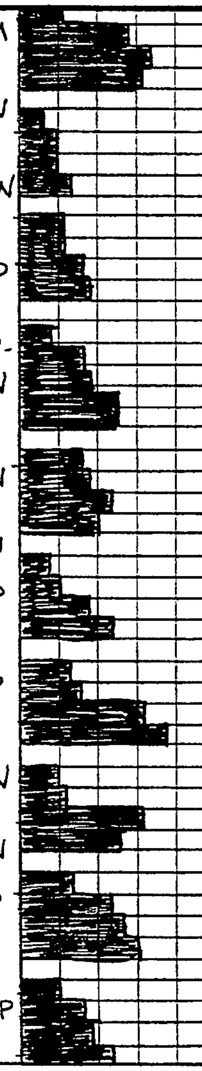


ABB Environmental Services, Inc.

9312005S L7

SOIL BORING LOG

Client: USAEC	Project No. 09144-02	Study Area: ACC 57
		Boring No.: 57M-95-01X
		Protection: MODIFIED D
Contractor: D.L. MAHER	Date Started: 9/21/95	Completed: 9/21/95
Method: H.S.A.	Casing Size: 6" steel	PI Meter: OVM 580A TE#10
Ground Elev.:	Soil Drilled: 30 FEET	Total Depth: 30 FEET
Logged by: G. GULSETH	Checked by:	Below Ground: 22.3 FEET
Screen: 10 (ft.) Riser: 19' bgs (ft.)	Diam: 4" (ID) Material: Sched. 40 PVC	Page 2 of: 2

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	ON-SITE SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS	Blow counts	WELL DATA
20–22		20-22		1.5		@20-22' - See Above Description - moist @ bottom	SP	3, 5, 7, 10	
22–24	BX57-0122	22-24		1.6		@22-24' - cmf SAND, poorly graded, wet, loose, olive brown, subrounded	SP	6, 5, 5, 4	▽
24–26		24-26		1.5		@24-26' - See Above Description	SP	2, 3, 5, 7	
26–28		26-28		1.4		@26'-28' - cmf SAND, poorly graded, < 5% gravel, wet, v. loose, olive brown, subrounded	SP	2, 2, 2, 2	
28–30		28-30		1.2		@ 28-30' - See Above Description	SP	2, 2, 3, 13	
30						END OF BORING @ 30 FEET			

ABB Environmental Services, Inc.

9312005S L7

9202 1501 [c]

SOIL BORING LOG

Client: USATHAMA	Project No. 9144-02	~~Study Area~~: AOC 57
		Boring No.: 57M-95-02X
		Protection: D
Contractor: D.L. Maher	Date Started: 9/29/95	Completed: 9/29/95
Method: 6¼" HSA	Casing Size: 4" ~~0.00 0.010"~~ (Sim) ~~slot PVC~~	PI Meter: TE 580A OVM
Ground Elev.:	Soil Drilled: 25'	Total Depth: 25'
Logged by: Sjm	Checked by:	∇ Below Ground: 17.23'
Screen: 24-14' (ft.) | Riser: 14' bgs (ft.) | Diam: 4" (ID)	Material: PVC	Page 1 of: 2

-2.5 ft ags

DEPTH NOT TO SCALE

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH (FT)	CLP/SCREENING	RECOVERY (FT)	PID (ppm)	SOIL/ROCK DESCRIPTION	SOIL CLASS	BLOWS/6-IN.	WELL DATA	LITHOLOGY	ELEVATION (FT.)
0		0-2		1.3	0.0	Gravelly, silty, f to m SAND, very well graded, 10% c gravel to 2" max (schist fragments), 10% f gravel, 10-15% c sand, 20% silt, med dense, damp, dk brown, subrounded to subangular, "earthy" smell.	SM	9 11 12 9			
2											
5		5-7		1.7	0.0	Top 0.4': Gravelly, silty f to m SAND, as in 0-2' interval. Bottom 1.3': F to m SAND, well graded, 5% c sand, ≈15% silt, loose, damp, tan.	SM / SM	2 3 2 4			
7											
10		10-12		1.9	0.0	M SAND, well graded, 10% f gravel, 5% c sand, 5-10% f sand, 10% silt, loose, damp, tan, subangular.	SW-SM	4 4 10 8			
12											
15		15-17		1.4	0.0	M SAND, well graded, 2% c sand, 10% f sand, 5% silt, loose, moist to damp, tan, ~~sub~~ subangular.	SW-SM	4 5 5 6			
17 ∇		17-19		1.6	0.0	M SAND, well graded, 5% c sand, 5-10% f sand, <5% silt, loose, saturated, tan, subangular.	SW	2 5 10 14	∇		
19											

PROPORTIONS	(-) AMOUNT (+)	ABBREVIATIONS		
Trace (tr)	0-10%	f = fine	gr = gray	MS = Split Spoon
Little (li)	10-20%	m = medium	bn = brown	BW = Screened Auger
Some (so)	20-35%	c = coarse	blk = black	HP = Hydropunch
and	35-50%			

ABB Environmental Services, Inc.

SOIL BORING LOG

Study Area: AOC 57	Boring No.: 57M-95-03X
Client: USATHAMA	Project No. 9144-02
Protection: D	
Contractor: D.L. Maher	Date Started: 9/29/95
Completed: 9/29/95	
Method: 6 1/4" (ID) HSA	Casing Size: 4"
PI Meter: TE 580A OVM	
Ground Elev.:	Soil Drilled: 25'
Total Depth: 25'	
Logged by: SJM	Checked by:
▽ Below Ground: 17.23'	
Screen: 24-14 (ft.)	Riser: 14' bgs - 2.5' ags (ft.)
Diam: 4" (ID)	Material: PVC 0.010" slot
Page 2 of: 2	

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH (FT)	CLP/SCREENING	RECOVERY (FT)	PID (ppm)	SOIL/ROCK DESCRIPTION	SOIL CLASS	BLOWS/6-IN.	WELL DATA	LITHOLOGY	ELEVATION (FT.)
19	MX570219	19-21		1.4	0.0	M SAND, as in 17-19' interval.	SW	4 5 9 15			
21											
25											
						-Augers advanced to 25' bgs. -Spoons driven to 21' bgs. -Screen at 24'-14' bgs. -Riser from 14' bgs to 2.5' ags					

PROPORTIONS	(-) AMOUNT (+)	ABBREVIATIONS		
Trace (tr)	0-10%	f = fine	gr = gray	MS = Split Spoon
Little (ll)	10-20%	m = medium	bn = brown	BW = Screened Auger
Some (so)	20-35%	c = coarse	blk = black	HP = Hydropunch
and	35-50%			

SOIL BORING LOG

Client: USATHAMA	Project No. 9144-02	~~Study Area:~~ AOC 57 / Boring No.: 57M-95-03X
		Protection: D
Contractor: D.L. MAHER	Date Started: 10-3-95	Completed: 10-3-95
Method: 6½" (ID) HSA	Casing Size: 6" steel	PI Meter: TE 580B OVM
Ground Elev.:	Soil Drilled: 18 FT.	Total Depth: 18 FT.
Logged by: SJM	Checked by:	▽ Below Ground: 10.2 FT.
Screen: 10 (ft.) / Riser: 9.5 (ft.)	Diam: 4" (ID) / Material: Sched 40 PVC	Page 1 of: 2

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH (FT)	CLP/SCREENING	RECOVERY (FT)	PID (ppm)	SOIL/ROCK DESCRIPTION	SOIL CLASS	BLOWS/6-IN.	WELL DATA	LITHOLOGY	ELEVATION (FT.)
0		0-2		1.4	0.0	Silty f SAND, well graded, 2% c sand, 30% m sand, 30% silt, nonplastic, loose, dry, brown.	SM	2 4 8 13			
2		2-4		1.3	0.0	Silty f SAND, well graded, 10% f gravel, 2% c sand, 20% m sand, 30% silt nonplastic, loose, dry, brown	SM	11 9 14 10			
4		4-6		1.9	0.0	TOP 1.4': Gravelly, silty f SAND, well graded, 10% vc gravel to 1/2" max., 5% f gravel, 1% c sand, 15-20% m sand, 30% silt, nonplastic, loose, dry to damp, brown. BOTTOM 0.5': Silty f SAND, moderately graded, 20% silt, nonplastic, loose, damp, yellowish tan.	SM / SM	4 9 15 10			
6		6-8		1.8	0.0	Silty f SAND, moderately graded, 10-15% silt, nonplastic, loose, damp, tan.	SM	4 7 8 7			
8		8-10		1.6	0.0	Silty f to m SAND, well graded, 10% silt, nonplastic, loose, moist, lt. grayish tan, iron-colored staining (rust) - thin, faint laminations visible.	SW-SM	5 7 8 6			
10	MX5103ID	10-12		1.6	4.2	Silty f SAND, 20% m sand, 15% silt, nonplastic, loose, saturated, light grayish tan, very strong petroleum odor.	SM	5 6 5 8			
12											

DEPTH NOT TO SCALE

PROPORTIONS	(-) AMOUNT (+)
Trace (tr)	0-10%
Little (ll)	10-20%
Some (so)	20-35%
and	35-50%

ABBREVIATIONS

f = fine, m = medium, c = coarse; gr = gray, bn = brown, blk = black; MS = Split Spoon, BW = Screened Auger, HP = Hydropunch

9201502 (e)

SOIL BORING LOG

Client: USATHAMA	Project No. 9144-02	Study Area: AOC 57
		Boring No.: 57M-95-03X
		Protection: D
Contractor: D.L. MAHER	Date Started: 10-3-95	Completed: 10-3-95
Method: 6 1/2 (ID) HSA	Casing Size: 6" steel	PI Meter: TE 580 B OVM
Ground Elev.:	Soil Drilled: 18 FT.	Total Depth: 18 FT.
Logged by: S. Montgomery	Checked by:	Below Ground: 10.2 FT.
Screen: 10 (ft.) Riser: 9.5 (ft.)	Diam: 4" (ID) Material: sched. 40 PVC	Page 2 of: 2

DEPTH NOT TO SCALE

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH (FT)	CLP/SCREENING	RECOVERY (FT)	PID (ppm)	SOIL/ROCK DESCRIPTION	SOIL CLASS	BLOWS/6-IN.	WELL DATA	LITHOLOGY	ELEVATION (FT.)
12		12-14		1.6	2.3	silty f SAND, well graded, 59% m sand, 10% silt, nonplastic, loose, saturated, lt. grayish brown tan, rust-colored staining 0.6' from bottom of spoon, strong petroleum odor.	SW-SM	6 7 6 8			
14		14-16		1.6	15.4	silty f SAND, moderately graded, 10% silt, med. dense, saturated, lt. grayish tan, strong petroleum odor.	SW-SM	8 9 9 11			
16		16-18		1.7	13.5	silty f SAND, as in 14-16' interval, but very dense.	SW-SM	31 38 50 25			
18						—Augers and spoons advanced to 18 ft bgs—					

PROPORTIONS	(-) AMOUNT (+)	ABBREVIATIONS		
Trace (tr)	0-10%	f = fine	gr = gray	MS = Split Spoon
Little (li)	10-20%	m = medium	bn = brown	BW = Screened Auger
Some (so)	20-35%	c = coarse	blk = black	HP = Hydropunch
and	35-50%			

SOIL BORING LOG

Client: USAEC	Project No. 09144-02		Study Area: AOC 57
			Boring No.: 57M-95-04A
			Protection: MODIFIED D
Contractor: D.L. MAHER	Date Started: 10/4/95		Completed: 10/4/95
Method: H.S.A	Casing Size: 6" steel		PI Meter: 580A TE#16
Ground Elev.:	Soil Drilled: 13 FEET		Total Depth: 13 FEET
Logged by: G. GULSETH	Checked by:		Below Ground: 2 FEET
Screen: 10 (ft.) Riser: 4 (ft.)	Diam: 4 (ID)	Material: PVC	Page 1 of: 1

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	ON-SITE SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS	WELL DATA
2	BX57 0401	1.5-3.5		1.6	0.2	Top 0.5 foot - sandy, organic SILT, 10-15% mf Sand, 25% organics, low plasticity, damp to moist, very soft, dark brown	OL	
4						Bottom 1.1 foot - cmf SAND, poorly graded, 5% fine gravel, moist to wet (⊻ ~2 feet), very loose, subangular, dark yellowish brown to grayish brown, slight fuel odor	SP	
6								
8						See Boring log for 57M-95-04B		
10								
12								
14						END OF BORING @ 13 FEET		
16								
18								
20								

ABB Environmental Services, Inc.

9312005S L7

SOIL BORING LOG

Client: USAEC	Project No. 09144-02		Study Area: ACC 57
			Boring No.: 57M-95-04X B
			Protection: MODIFIED D
Contractor: D.L. MAHER	Date Started: 10/3/95		Completed: 10/3/95
Method: H.S.A.	Casing Size: 6" steel		PI Meter: 580A TE # 16
Ground Elev.:	Soil Drilled: 30 FEET		Total Depth: 32 FEET
Logged by: G. GULSETH	Checked by:		▽ Below Ground: 2 FEET
Screen: 10 (ft.)	Riser: 21 (ft.)	Diam: 4 (ID) Material: PVC	Page 1 of: 2

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	ON-SITE SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS	WELL DATA
0–2		0-2		0.5	0.2 (Back-ground)	0-2 ft. medium to fine SAND and organic SILT, poorly graded, 5-10% coarse Sand, low plasticity, damp, very loose, yellowish brown and dark brown,	OL SP	1, 1, 1, 2
2–4	BX57 0402	2-4		1.6	0.2	Top 0.4 ft. mf sandy SILT, poorly graded, 25-30% mf SAND, low plasticity, moist, very loose, dk. brown. Bottom 1.2 ft. cmf SAND, poorly graded, moist to wet (▽ = 3 feet), loose, subrounded, yellowish brown	ML SP	4, 5, 12, 16
5–7		5-7		2.0	0.2	5-7 ft. cmf SAND, poorly graded, 5% fine gravel, wet, loose, yellowish brown to dark yellowish brown, subrounded	SP	8, 11, 14, 21
8						Cuttings dk. gray SAND		
9						Cuttings to yellowish brown SAND		
10–12		10-12		1.5	0.2	cm SAND, poorly graded, 5-10% gravel, wet, loose, yellowish brown, subangular	SP	6, 8, 15, 18
13–14						Cuttings as above		
15–17		15-17		2.0	0.2	See Above Description - Some fine Sand (15%)	SP	8, 17, 34, 32
19–20						Cuttings as Above		

ABB Environmental Services, Inc.

9312005S L7

SOIL BORING LOG

Client: USAEC	Project No. C9144-02		Study Area: AOC 57 / Boring No.: 57M-95-04X B
Contractor: D.L. MAHER	Date Started: 10/3/95		Protection: MODIFIED D / Completed: 10/3/95
Method: H.S.A.	Casing Size: 6" steel (GM)		PI Meter: 580A TE#16
Ground Elev.:	Soil Drilled: 30 FEET		Total Depth: 32 FEET
Logged by: G. GULSETH	Checked by:		▽ Below Ground: 2 FEET
Screen: 10 (ft.) Riser: 21 (ft.)	Diam: 4 (ID)	Material: PVC	Page 2 of: 2

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	ON-SITE SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS	WELL DATA
20		20-22		1.4	0.2	cmf SAND, poorly graded; 5-10% fine to med. gravel, wet, very loose, yellowish brown, subangular	SP	3 4 6 5
22–24						Cuttings As Above		
25		25-27		1.0	0.2	cmf SAND, poorly graded (finer than above), wet, loose, yellowish brown, subangular	SP	6 12 14 21
28						Cuttings As Above		
30		30-32		1.3	0.2	See Above Description	SP	2 3 3 5
32						END OF BORING @ 32 FEET		

Depth scale: 22, 24, 26, 28, 30, 32, 34, 36, 38, 40

ABB Environmental Services, Inc.

9312005S L7

8202150D (c)

SOIL BORING LOG

Client: USATHAMA	Project No. 9144-02	~~Study Area:~~ AOC 57
		Boring No.: 57M-95-05X
		Protection: D
Contractor: D.L. MAHER	Date Started: 10-3-95	Completed: 10-3-95
Method: 6 1/2" (ID) HSAs	Casing Size: 6" steel	PI Meter: TE 580 B OVM
Ground Elev.:	Soil Drilled: 20'	Total Depth: 20'
Logged by: S. Montgomery	Checked by:	▽ Below Ground: 13.2'
Screen: 10 (ft.) Riser: 10+2.5 (ft.)	Diam: 4" (ID) Material: Schedule 40 PVC	Page 1 of: 1

DEPTH NOT TO SCALE

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH (FT)	CLP/SCREENING	RECOVERY (FT)	PID (ppm)	SOIL/ROCK DESCRIPTION	SOIL CLASS	BLOWS/6-IN.	WELL DATA	LITHOLOGY	ELEVATION (FT.)
0		0-2		1.4'	0.0	Gravelly, silty f to m SAND, 10% c gravel to 1/2" max, very well graded, 10% f gravel, 5-10% c sand, 15% silt, nonplastic, loose, damp, yellowish brown.	SM	3 7 8 6			
2											
5		5-7		1.8	0.0	TOP 0.8': Gravelly silty f to m SAND as in 0-2' interval. BOTTOM 1.0': M SAND well graded, 15% f sand, 5-12% silt, nonplastic, loose, damp, tan.	SM / SW-SM	2 4 6 7			
7											
10		10-12		1.7	0.0	M SAND, as in bottom 1.0' of 5-7' spoon.	SW-SM	5 7 9 8			
12	▽	12-14		1.7 ▽	0.4	M SAND, well graded, 15% f sand, 5-12% silt, nonplastic, med dense, moist to wet, bottom 0.1' is saturated, tan.	SW-SM	10 6 8 10 ▽	▽		
14	MX5705I4	14-16		1.7	0.4	M SAND, as in 12-14' interval, but saturated. Rust-colored staining in upper 0.4'.	SW-SM	5 6 8 10			
16											
						— Spoons driven to 16' bgs — — Augers advanced to 20' bgs —					

PROPORTIONS (-) AMOUNT (+)

Trace (tr)	0-10%
Little (ll)	10-20%
Some (so)	20-35%
and	35-50%

ABBREVIATIONS

f = fine	gr = gray	MS = Split Spoon
m = medium	bn = brown	BW = Screened Auger
c = coarse	blk = black	HP = Hydropunch

SOIL BORING LOG

Client: USAEC	Project No. 09144-02	Study Area: AOC 57
		Boring No.: 57M-95-06X
Contractor: D.L. MAHER	Date Started: 10/4/95	Protection: MODIFIED D
Method: H.S.A.	Casing Size:	Completed: 10/4/95
Ground Elev.:	Soil Drilled: 23 FEET	PI Meter: 580A TE#16
Logged by: G. Gulseth	Checked by:	Total Depth: 23 FEET
Screen: 10 (ft.)	Riser: 11.87 (ft.) bgs Diam: 4" (ID) Material: Sched. 40 PVC	▽ Below Ground: >23 FEET
		Page 1 of: 1

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	ON-SITE SCREENING	RECOVERY (FEET)	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS	Blow counts (5 10 15 20 25)	WELL DATA
0–2		0-2		1.8	0.2 Background	Top 1.4 feet - mf silty SAND, poorly graded, 30-35% Silt @ top then decreasing with depth, 10% organics, damp, loose, dark brown subrounded	SM	8, 24, 16, 17	
2–4						Bottom 0.4 feet - cmf SAND, poorly graded, 5% Silt, damp, loose, dark yellowish brown, subrounded Note: Black layer ~1 inch thick @ 1.1 ft bgs no odor noted	SP		
6		5-7		1.1	0.2	fine SAND, poorly graded, 10-15% medium sand, damp, very loose, brownish yellow, subrounded	SP	3, 4, 5, 7	
10–12		10-12		1.8	0.2	See Above Description. ~~Sample is Wet (▽ ~15 feet bgs)~~ some medium Sand (25%)	SP	8, 9, 6, 8	
16		15-17		1.8	0.2	Fine to medium SAND, poorly graded, wet, very loose, brownish yellow, subrounded (▽ ~ 15 feet)	SP	4, 4, 7, 9	
20–23		20-23		1.8	0.2	fine sand, poorly graded, wet, very loose, yellowish brown.	SP	4, 4, 7, 9	

END OF BORING @ 23 feet.

ABB Environmental Services, Inc.

9312005S L7

SOIL BORING LOG

Client: U.S. Army Environmental Center	Project No. 9144-02	~~Study Area:~~ AEC 57
		Boring No.: 57M-95-07X
		Protection: D
Contractor: D.L. Maher	Date Started: 10-5-95	Completed: 10-5-95
Method: 6 5/8" (ID) HSAs	Casing Size: 6" steel	PI Meter: TE 580B OVM
Ground Elev.:	Soil Drilled: 14'	Total Depth: 14'
Logged by: S. Montgomery	Checked by:	▽ Below Ground: 3.17'
Screen: 10 (ft.) Riser: 3' + 1.2' (ft.)	Diam: 4" (ID) Material: Schedule 40 PVC	Page 1 of: 2

DEPTH NOT TO SCALE

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH (FT)	ON-SITE SCREENING	RECOVERY (FT)	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS		WELL DATA
0		0-2		1.3	8.7	Top 0.7': Silty f to m SAND, well graded, 20% c sand, 15% silt, loose, damp, yellowish brown, organic matter. Next 0.4': Sandy SILT, well graded, 15% f sand, slightly plastic, soft, moist, brownish black, organic matter. Bottom 0.2': Silty f SAND, well graded, 35% silt, slightly plastic, loose, moist to wet, yellowish brown.	SM / ML / SM	1 2 1 1	
2	▽	2-4	▽	1.3	4.9 ▽	Top 0.4': Silty f SAND, as in bottom 0.2' of 0'-2' interval. Bottom 0.9': Gravelly, silty med. SAND, well graded, 15% c gravel to 1" max., 10% f gravel, 10% c sand, 15% f sand, 10% silt, med dense, wet, yellowish brown.	SM / SW-SM	1 5 10 12 ▽	▽
4	BX570704	4-6	BF570704 MF570703	1.4	0.0	Silty f to m SAND, well graded, 20% c sand, 10% silt, nonplastic, med. dense, saturated, tan, rust-colored staining in upper 0.3' of [illegible]	SW-SM	4 16 11 14	
6		6-8		1.1	4.2	M SAND, well graded, 10% c sand, 15% f sand, 5% silt, loose, saturated, yellowish tan	SW-SM	1 1 9 13	
8		8-10		1.4	1.1	M SAND, as in 6'-8' interval.	SW-SM	1 8 16 16	
10									

SOIL BORING LOG

Client: U.S. Army Environmental Center	Project No. 9144-02	~~Study Area:~~ ACC 57
		Boring No.: 57M-95-07X
		Protection: D
Contractor: D.L. Maher	Date Started: 10-5-95	Completed: 10-5-95
Method: 6 5/8" (ID) HSAs	Casing Size: 6" steel	PI Meter: TE 580B OVM
Ground Elev.:	Soil Drilled: 14'	Total Depth: 14'
Logged by: S. Montgomery	Checked by:	∇ Below Ground: 3.17'
Screen: 10 (ft.) Riser: ~~3+2~~ 3'+1.2' (ft.)	Diam: 4" (ID) Material: Schedule 40 PVC	Page 2 of: 2

DEPTH NOT TO SCALE

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH (FT)	ON-SITE SCREENING	RECOVERY (FT)	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS		WELL DATA
10		10-12		1.0	3.4	Silty f to m SAND, well graded, 10% silt, nonplastic, loose, saturated, yellowish tan.	SW-SM	5 7 9 13	
12		12-14		0.2	0.3	Silty f to m SAND, well graded, 5% f gravel, 5% c sand, 15% silt, loose, saturated, yellowish tan	~~SW-SM~~ SM	1 5 10 7	
14						Augers and spoons advanced to 14 ft. bgs.			

ABB Environmental Services, Inc.

9312005S L7

SOIL BORING LOG

Client: U.S. Army Environmental Center	Project No. 9144-02	~~Study Area:~~ AOC 57
		Boring No.: 57M-95-08A
		Protection: D
Contractor: D.L. Maher	Date Started: 10/1/95	Completed: 10/1/95
Method: 6 5/8" (ID) HSAs	Casing Size: 6" steel	PI Meter: TE 580B OVM
Ground Elev.:	Soil Drilled: 15'	Total Depth: 15'
Logged by: S. Montgomery	Checked by:	Below Ground: 4.27'
Screen: 10 (ft.) Riser: 3' ~~10~~ (ft.) 3'+1.6' (stickup)	Diam: 4" (ID) Material: schedule 40 PVC	Page 1 of: 1

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH (FT)	ON-SITE SCREENING	RECOVERY (FT)	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS	WELL DATA
0						—refer to soil boring log for adjacent monitoring well 57M-95-08B for lithology—		
7	BX578A07	7-9	FF578A07	1.9'	0.0	Silty f to m SAND, well graded, 10% silt, nonplastic, loose, saturated, tan.	SW-SM	
9						—refer to soil boring log for adjacent monitoring well 57M-95-08B for lithology—		
15						—One split spoon driven from 7-9' bgs — —Augers advanced to 15' bgs—		

DEPTH NOT TO SCALE

ABB Environmental Services, Inc.

9312005S L7

SOIL BORING LOG

Client: U.S. Army Environmental Center	Project No. 9144-02	~~Study Area:~~ ACC 57
		Boring No.: 57M-95-08B
		Protection: D
Contractor: D.L. Maher	Date Started: 10-6-95	Completed: 10-10-95
Method: 6 5/8" (ID) HSA	Casing Size: 6" steel	PI Meter: TE 580B OVM
Ground Elev.:	Soil Drilled: 30'	Total Depth: 30'
Logged by: S. Montgomery	Checked by:	▽ Below Ground: 3.67'
Screen: 10 (ft.) Riser: 18'+ (ft.)	Diam: 4" (ID) Material: Schedule 40 PVC	Page 1 of: 3

DEPTH NOT TO SCALE

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH (FT)	ON-SITE SCREENING	RECOVERY (FT)	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS		WELL DATA
0		0-2		1.3	0.0	Top 0.6': Silty f to m SAND, well graded, 5% c sand, 30% silt, loose, damp, dk. brown, organic matter. Bottom 0.7': Silty f SAND, ~~5%~~ well graded, 5% m sand, 40% silt, slightly plastic, loose, moist ~~to wet~~, dk. brown to black.	SM / SM-ML	1 2 1 0	
2	▼	2-4	▼	1.7	1.1	Top 1.1': Silty m SAND, well graded, 25% f sand, 15% silt, loose, moist to wet, brown. Bottom 0.6': Silty f SAND, well graded, 20% silt, loose, wet, olive/tan.	SM / SM	2 5 7 10 ▼	▽
4	BXS78B04	4-6	BFS78B04 MFS78B04	1.5	0.0	Silty f SAND as in bottom 0.6' of 2-4' interval, but saturated.	SM	5 10 12 11	
6		6-8		1.4	0.0	Silty f to m SAND, well graded, 10% silt, loose, saturated, tan with orange staining 0.4' from bottom of interval, faint laminations visible.	SW-SM	5 10 6 6	
8		8-10		1.6	0.0	Silty m SAND, well graded, 15% f sand, 10% silt, loose, saturated, tan.	SW-SM	5 6 7 7	
10									

SOIL BORING LOG

Client: U.S. Army Environmental Center	Project No. 9144-02		~~Study Area:~~ ACC 57
			Boring No.: 57M-95-08B
Contractor: D.L. Maher	Date Started: 10-6-95		Protection: D
Method: 6 5/8" (ID) HSAs	Casing Size: 6" steel		Completed: 10-10-95
Ground Elev.:	Soil Drilled: 30'		PI Meter: TE 580B OVM
Logged by: S. Montgomery	Checked by:		Total Depth: 30'
Screen: 10 (ft.) Riser: 18+ (ft.)	Diam: 4" (ID)	Material: Schedule 40 PVC	▽ Below Ground: 3.67'
			Page 2 of: 3

DEPTH NOT TO SCALE

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH (FT)	ON-SITE SCREENING	RECOVERY (FT)	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS	BLOW COUNTS	WELL DATA
10		10-12		1.5'	0.0	Top 0.8': Silty m SAND, as in 8-10' interval.	SW-SM	5 6 8 6	
						Bottom 0.7': Silty f SAND, moderately graded, 15-20% silt, nonplastic, loose, saturated, tan with orange staining.	SM		
12		12-14		1.5	0.0	Silty f SAND, moderately graded, 15-20% silt, nonplastic, loose, saturated, tan.	SM	5 5 7 10	
14		14-16		1.5	0.0	Silty f to m SAND, well graded, 15% silt, loose, saturated, tan, dark gray streaks 0.8' from bottom of interval.	SM	4 5 16 16	
16		16-18		1.8	0.0	Silty f SAND, well graded, 10% m sand, 15% silt, med dense, saturated, tan.	SM	3 11 10 14	
18		18-20		0.8	0.0	Silty f SAND, moderately graded, 20% silt, loose, saturated, tan.	SM	1 2 5 5	
20		20-22		0.9	0.0	Silty f SAND, well graded, 15% m sand, 20% silt, loose, saturated, tan.	SM	1 1 2 6	
22		22-24		1.4	0.0	Silty f to m SAND, well graded, 15% silt, med. dense, saturated, tan with orange discoloration between 22.8' and 23.2'.	SM	6 7 8 10	
24		24-26		0.0	N/A	— no recovery —	N/A	3 3 3 4	
26									

ABB Environmental Services, Inc.

9312005S L7

SOIL BORING LOG

Client: U.S. Army Environmental Center	Project No. 9144-02	~~Study Area:~~ ACC 57
		Boring No.: 57M-95-08B
		Protection: D
Contractor: D.L. Maher	Date Started: 10-6-95	Completed: 10-10-95
Method: 6 5/8" (ID) HSA	Casing Size: 6" steel	PI Meter: TE 580B OVM
Ground Elev.:	Soil Drilled: 30'	Total Depth: 30'
Logged by: S. Montgomery	Checked by:	Below Ground: 3.67'
Screen: 10 (ft.) Riser: 18+ (ft.)	Diam: 4" (ID) Material: Schedule 40 PVC	Page 3 of: 3

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH (FT)	ON-SITE SCREENING	RECOVERY (FT)	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS	WELL DATA
26		26-28		1.0	0.0	Silty f to m SAND as in 22'-24' interval. Bottom 0.2' is discolored (rust-colored staining).	SM	5 4 6 7
28		28-30		1.3	0.0	Silty f SAND, moderately graded, 15% silt, loose, saturated, tan.	SM	4 5 6 8
30						— Split spoons and augers advanced to 30 ft. bgs. —		

DEPTH NOT TO SCALE

93120055 L7

ABB Environmental Services, Inc.

SOIL BORING LOG

Client: USACE	Project No. 9144-08	Study Area: AOC 57
		Boring No.: 57M-96-09X
		Protection: Mod. D
Contractor: NHB	Date Started: 8·27·96	Completed: 8·27·96
Method: 4.25" HSA	Casing Size: —	PI Meter: TE 580B OVM
Ground Elev.:	Soil Drilled: 21.0 FT	Total Depth: 21.0' bgs
Logged by: R. McCoy	Checked by: RRR	▽ Below Ground: ~ 14.0' bgs
Screen: 10 (ft.) Riser: 15 (ft.)	Diam: 2" (ID) Material: PVC	Page 1 of: 1

DEPTH (FT)	TYPE (SAMPLE NUMBER)	SAMPLE DEPTH	ON-SITE SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS		WELL DATA
0–2	ONSITE	0 To 2	BF57090c	0.6/2.0	0.0	fine SAND, poorly graded, ~20% fines, trace gravel, non-plastic, dry, loose, dark to light brown.	SM	7/8/5/4	SEE WELL INSTALLATION DIAGRAM
2–4							(RR)		
4–6	ONSITE	4 To 6	BF570904	1.1/2.0	0.0	f-m SAND, poorly graded, <10% fines, non-plastic, dry, loose. Light brown.	SP ~~SW~~-SM	5/8/5/11	
6–9									
9–11	ONSITE	9 To 11	BF570909	1.3/2.0	0.0	f. SAND, poorly graded, ~5% fines, non-plastic, dry to slightly damp, loose, Light brown to light reddish brown.	~~SW~~ SP	5/8/8/8	
11–14						(RR)			
14–16	ONSITE/SUCA/Grain Size	14 To 16	BF570914	1.8/2.0	0.0	SAME AS ABOVE, moist to SATURATED (▽) ≈ 14.0' bgs	~~SW~~ SP	10/12/12/14	
16–19						(RR)			
19–21	ONSITE & WATER SAMPLE	19 To 21	BF570919	1.8/2.0	0.0	f. SAND, V. poorly graded, <5% fines, no gravel, Med. loose, non-plastic, SATURATED, light brown.	SP ~~SW~~ ~~GP~~	7/6/6/8	

B.O.B = 21.0' bgs (Not Refusal)

SOIL BORING LOG
PROJECT OPERATIONS PLAN
FORT DEVENS, MASSACHUSETTS

ABB Environmental Services, Inc.

9312005S L7

SOIL BORING LOG

Client: USAEC	Project No. 914408	Study Area: AOC 57
		Boring No.: 57M-96-10X
		Protection: Mod D
Contractor: NDB	Date Started: 8/30/96	Completed: 8/30/96
Method: HSA 4.25"	Casing Size: 4 1/4" ID 7" O.D.	PI Meter: TE 580B OVM
Ground Elev.:	Soil Drilled: 13'	Total Depth: 13'
Logged by: HKW	Checked by: RRR	Below Ground: ~5.5'
Screen: 10 (ft.) Riser: 5 (ft.)	Diam: 2" (ID) Material: PVC	Page 1 of: 1

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	ON SITE SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS		WELL DATA
2									
4									-3
							(fill)		
6	TOC; G.S.	5-7	NO	1.4	0	TAN TO BRN SILTY FINE SAND ~25% SILT, LOOSE, SATURATED AT 7.0' REC. 1.4'	SP	6 5 6 5	
							SM		
8									
10									
12									-3
						SCREENED W/ PVC 3-13' SAND 2-13' BENTONITE TO SURFACE END OF BORING - 13'			

SOIL BORING LOG
PROJECT OPERATIONS PLAN
FORT DEVENS, MASSACHUSETTS

ABB Environmental Services, Inc.

SOIL BORING LOG

Client: USAEC	Project No. 9144.08	Study Area: AOC 57
		Boring No.: 57M96-11X
		Protection: Mod D
Contractor: NXB	Date Started: ~~9144.08~~ 8/30/96	Completed: 8/30/96
Method: HSA 4 1/4" I.D.	Casing Size: ———	PI Meter: TE 580S OVM
Ground Elev.:	Soil Drilled: 12'	Total Depth: 12'
Logged by: HKW	Checked by: RRR	Below Ground: ~2'
Screen: 10 (ft.) Riser: 2 (ft.)	Diam: 2 (ID) Material: PVC	Page 1 of: 1

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	ON-SITE SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS		WELL DATA
2									2
4									
6	TOC, G.S.	5-7	NO	1.3'	0.4	TAN SILTY FINE SAND ~25% SILT ~~??~~ LOOSE, SATURATED (AN) (AD)	~~SP~~ (SM)	6 6 8 8	
8									
10									
12						END OF BORING AT 12' BGS SCREENED WELL 2-12' SAND 1 1/2-12' BENTONITE 0-1.5'			12

SOIL BORING LOG
PROJECT OPERATIONS PLAN
FORT DEVENS, MASSACHUSETTS
ABB Environmental Services, Inc.

9312005S L7

SOIL BORING LOG

Client: USAEC	Project No. 9144.08		Study Area: AOC 57
			Boring No.: 57M-96-12X
			Protection: Mod. D
Contractor: NHB	Date Started: 8/29/96		Completed: 8/29/96
Method: 4.25" HSA	Casing Size: —		PI Meter: TE ~~GMB~~ 580B OVM
Ground Elev.:	Soil Drilled: 12.0'		Total Depth: 12'
Logged by: HKW	Checked by: RRR		Water Below Ground: ~ 2 FT.
Screen: 10 (ft.) Riser: 5 (ft.)	Diam: 2" (ID)	Material: PVC	Page 1 of: 1

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	ON-SITE SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS	BLOW COUNTS	WELL DATA
2									-2'
4									
6	~~[illegible]~~	5-7	NO	1.5	0	BRN FINE SAND W/ SILT (~80%) SATURATED LOOSE 2" SPOON	~~SP~~ SM	10 10 12 12	
8									
10						CUTTINGS INDICATE LT. BRN SILTY FINE SAND (~30% SILT)	SM		
12						END OF BORING AT 12'			-12'
						WELL INSTALLED SCREENED 2-12' SAND 1.5-12' BENTONITE 0-1.5'			
						WATER SAMPLE COLLECTED FOR ON-SITE SCREENING (GC)			

SOIL BORING LOG
PROJECT OPERATIONS PLAN
FORT DEVENS, MASSACHUSETTS

ABB Environmental Services, Inc.

SOIL BORING LOG

Client: USAEC	Project No. 9144.CG	Study Area: AOC 57
		Boring No.: 57M-96-13X
		Protection: MOD D
Contractor: NHB	Date Started: 8/29/96	Completed: 8/29/96
Method: 4.25 HSA	Casing Size: —	PI Meter: TE 580B OVM
Ground Elev.:	Soil Drilled: 12.0'	Total Depth: 12'
Logged by: HKW	Checked by: RRR	Below Ground: 2.5'
Screen: 10 (ft.) Riser: 5 (ft.)	Diam: 2" (ID) Material: PVC	Page 1 of: 1

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH	ON-SITE SCREENING	RECOVERY	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS		WELL DATA
2									-2'
4	-	4-6'	NO	1.5	0	TAN FINE SAND w/SILT (~20%) SATURATED LOOSE 2" SPOON	SM	6 6 7 9	
6									
8						CUTTINGS INDICATE SIMILAR AT DEPTH (~30% SILT)	SM		
10									
12						END OF BORING AT 12' WELL INSTALLED SCREENED 2-12' SAND 1.5-12' BENTONITE 0-1.5' WATER SAMPLE COLLECTED FOR ON-SITE SCREENING (GC)			-12'

SOIL BORING LOG
PROJECT OPERATIONS PLAN
FORT DEVENS, MASSACHUSETTS

ABB Environmental Services, Inc.

9312005S L7

SOIL BORING LOG

Client: U.S. Army Environmental Center	Project No. 9144-02		~~Study Area:~~ ACC 57
			Boring No.: 57P-95-01A, -01B
			Protection: D
Contractor: D.L. Maher	Date Started: 10-11-95		Completed: 10-11-95
Method: 6 5/8" (ID) HSA	Casing Size: 6" steel		PI Meter: TE 580 OVM
Ground Elev.:	Soil Drilled: 15'		Total Depth: ~~15 Ft.~~ 17 Ft.
Logged by: S. Montgomery	Checked by:		Below Ground: 3.03'
Screen: 5+5 (ft.)	Riser: 10'+1' (ft.) +2'+1'	Diam: 1" (ID) Material: Schedule 40 PVC	Page 1 of: 1

DEPTH (FT)	SAMPLE NUMBER	SAMPLE DEPTH (FT)	ON-SITE SCREENING	RECOVERY (FT)	PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS		WELL DATA
0–2		0-2'		1.2	0.0	Silty f to m SAND, well graded, 2% f gravel, 10% c sand, 10% silt, nonplastic, loose, moist, tan, 1" thick ~~layer~~ pinkish tan layer 0.7' from bottom of interval. Rust-colored staining in bottom 3".	SW-SM	2 3 3 2	
5–7	–	5-7'	PFS7010S	1.7	0.0	Silty f to m SAND, well graded, 10-15% silt, nonplastic, loose, saturated, tan. Decaying root (1/4" thick) at 1.2' from bottom of interval. Rust-colored staining in bottom 0.2'.	SW-SM	6 7 10 11	
10–12		10'-12'		1.5	0.0	Silty f to m SAND, well graded, 5-10% c sand, 20% silt, nonplastic, medium dense, saturated, tan, micaceous (10% medium to coarse sand sized flakes of muscovite).	SM	7 7 11 10	
15–17		15'-17'		1.4	0.0	Silty m SAND, well graded, 2% f sand, 10-15% silt, nonplastic, medium dense, saturated, tan.	SW-SM	7 10 12 14	
						Augers advanced to 15 ft. Spoons driven to 17 ft.			

DEPTH NOT TO SCALE

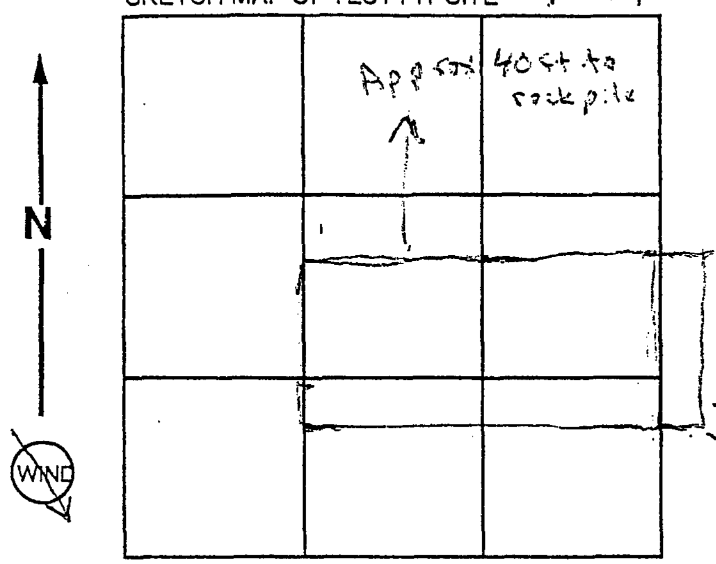
TEST PIT RECORD

Site: Aoc 57 Client: AEC Project No.: 9144-32

Test Pit 57E-95-01X Date 9-18-95 Time 13:00 End 13:40

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = 5' FT.

NOTES:

12 ft long trench

PID from stockpiled soils = background

Crew Members:

1. Jake Jacobson (ABB-ES
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y) circled	N
Explosive Gas	Y	(N) circled
Avail. Oxygen	Y	(N) circled
OVA	Y	(N) circled
Other		

Photogoraphs, Roll None

Exposure None

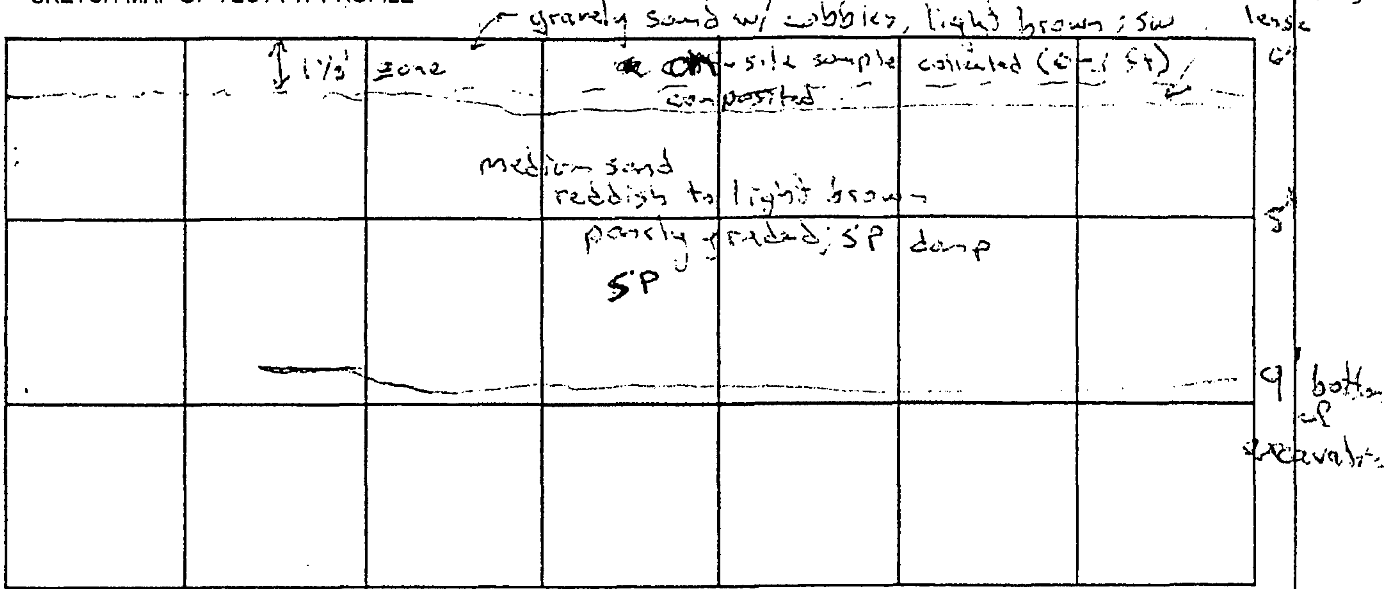
TEST PIT RECORD

Profile Along Test Pit: 57E-95-01X

Site: AOC-57

North wall (same as South wall)

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical

DEPTH (FT). 9 ft

NOTES:

Samples collected

* Field screening - 0-1 ft

6 ft

9 ft

Off-Site Lab - 6 ft

~~[illegible]~~

Gradation - 6 ft

* Field screening sample collected from dark brown lense 2"-3" thick at the approx 2 ft depth EX570102

no.	Sample Number	Depth (Ft.)	~~HD SP VOA PPM~~ Analysis
S-1	EX570100	0-1'	on-site
* S-2	EX570102	2'	on-site
S-3	EX570106	6'	on-site & off-site
S-4	EX570109	9'	on-site
S-5			
S-6			
S-7			
S-8			

Gradation sample collected at 6'

REFERENCE: FIELD BOOK, Pg. 5-7

ATTACHMENTS None

SIGNATURE: [signature]

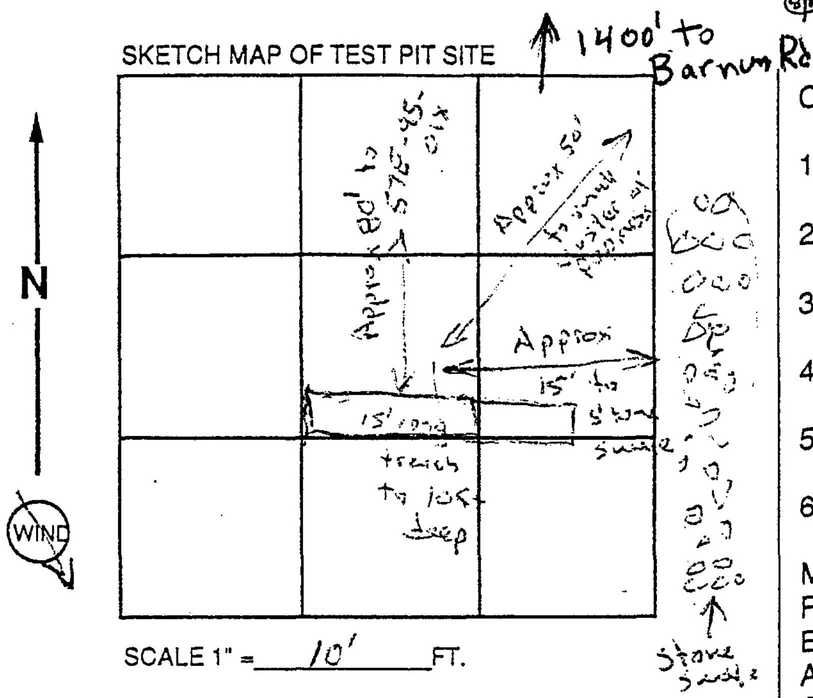
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-02X Date 9-18-95 Time 14:10 End 14:40

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = 10' FT.

Crew Members:

1. Jake Jacobson (ABB-ES
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	(N)
Avail. Oxygen	Y	(N)
OVA	Y	(N)
Other		

Photogoraphs, Roll None

Exposure None

NOTES:

PID = 6" level = Background

5' level "

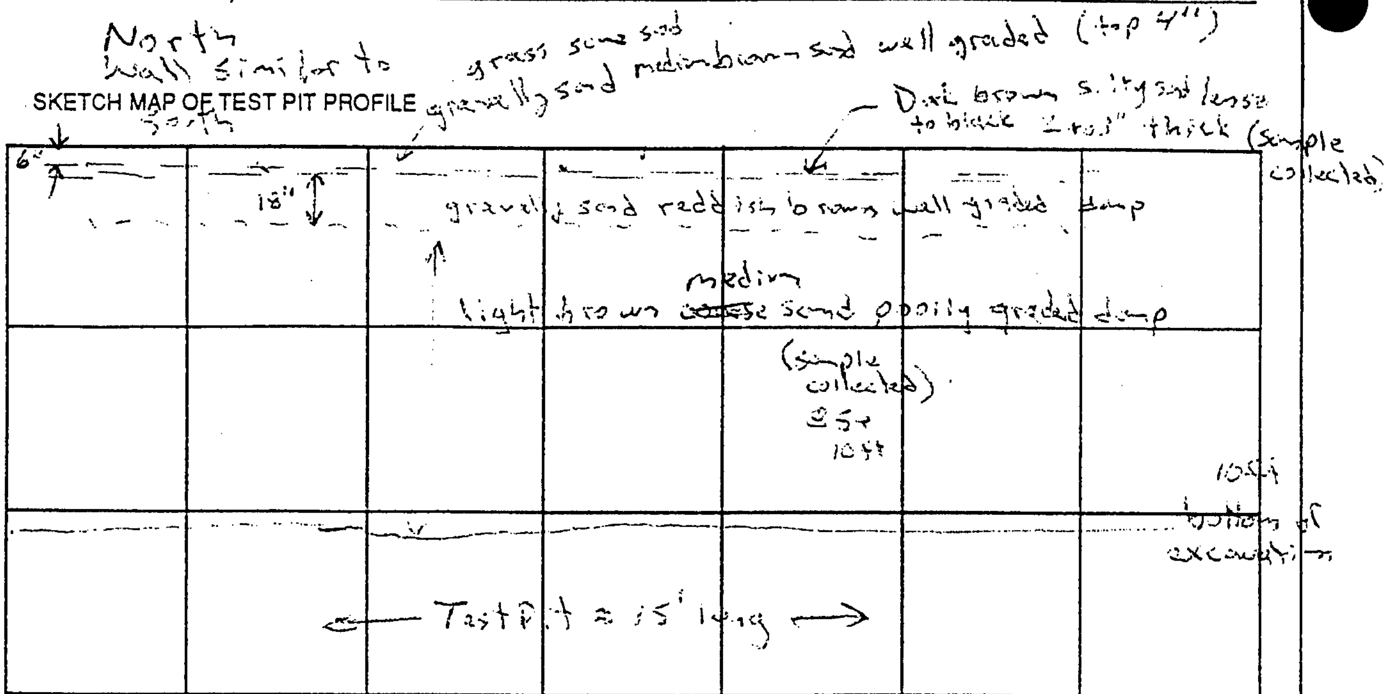
TEST PIT RECORD

Profile Along Test Pit: 57E-95-02X

Site: AOC 57

North wall similar to South

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5' FT. vertical 1" = 1' horizontally

DEPTH (FT). 10 ft

NOTES:

On-site Samples: 6" *
5'
10'

Off-site Samples 6" *
5'

Gradation 5'

OVM = Background @ 5'

* 6" deep samples were collected from Dark brown to black silty sand less 2 to 3" thick. In one area of [illegible] the west and northwest corner, pieces of charcoal ash were noted

no.	Sample Number	Depth (Ft.)	~~HD-SP-VOA~~ ~~PPM~~ Analysis
S-1	EX570200	6"	on-site + off-site
S-2	EX570205	5'	on-site + off-site
S-3	EX570210	10'	on-site
S-4			
S-5			
S-6			
S-7			
S-8			

gradation collected @ 5'

REFERENCE: FIELD BOOK, Pg. Pg 5-7

ATTACHMENTS None

SIGNATURE: [signature]

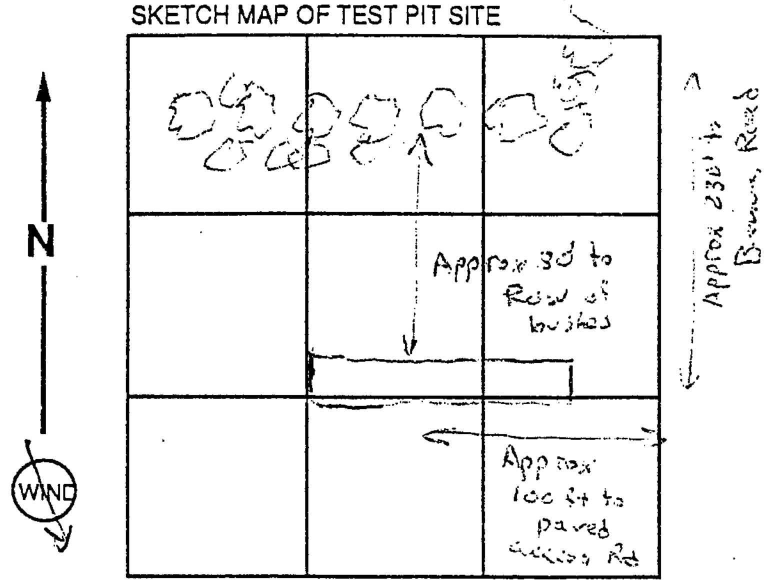
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-03X Date 9-18-95 Time 15:25 End 16:00

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = ~~10~~ None FT. RDJ

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	(N)
Avail. Oxygen	Y	(N)
OVA	Y	(N)
Other		

Photogoraphs, Roll None

Exposure None

NOTES:

Soils excavated in 3 lifts and stockpiled separately
0-1 ft
1-5 ft
5-10 ft
Soils then backfilled back to level excavated. Contractor steam cleaned excavator after test pit complete.
This was the last test pit excavated on 9-18-95

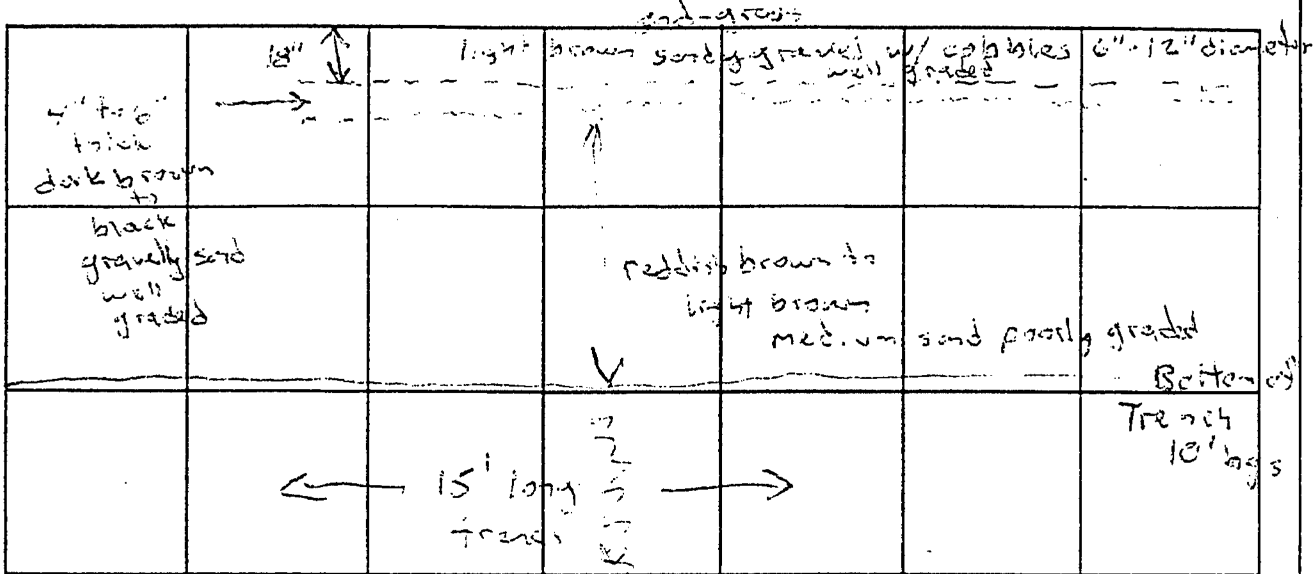
TEST PIT RECORD

Profile Along Test Pit: 57E-95-03X

Site: ACC 57

North Wall (same as South wall)

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical (horizontal 1" = 1')
DEPTH (FT). 10'

NOTES:

Off-site Sample - 5'
Gradation - 5'

On-site Sample 0-1'
5'
10'
* 2' (from 4"-6" wide * black lense)

Headspace = Background

All sampling from 0-1 ft done by collecting composites from north & south walls; from lower levels by collecting from excavator bucket.

no.	Sample Number	Depth (Ft.)	~~HD-SP-VOA PPM~~ Analysis
S-1	EX570300	0-1'	on-site
* S-2	EX570302	2'	on-site
S-3	EX570305	5'	on-site; offsite
S-4	EX570310	10'	on-site
S-5			
~~S-6~~			
~~S-7~~			
~~S-8~~			

gradation sample collected @ 5'

REFERENCE: FIELD BOOK, Pg. 5-7

ATTACHMENTS None

SIGNATURE: [signature]

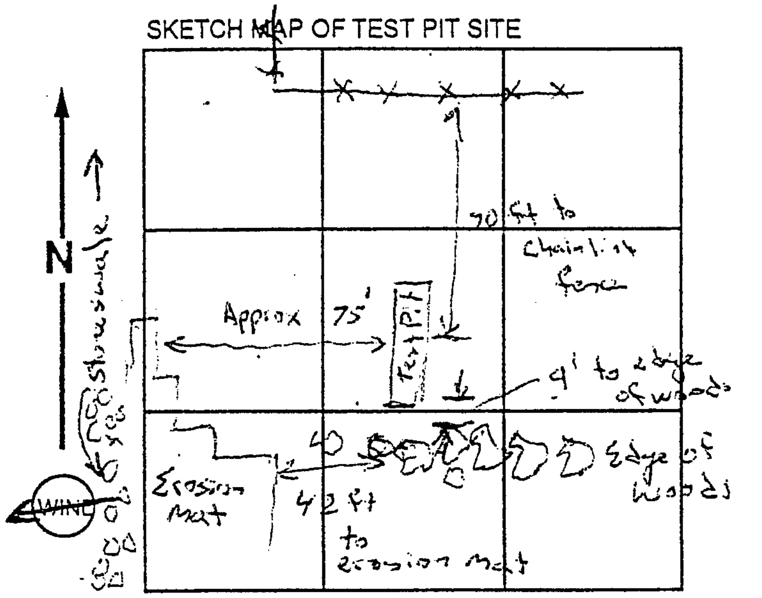
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-04X Date 9-14-95 Time 8:05 End 8:45

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

Test Pit Trench ≈ 15' long

NOTES:

Test Pit excavated in ≈ 3 lifts and backfilled lifts back to respective locations

0-1 ft

1-5 ft

5-12 ft

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y) circled	N
Explosive Gas	Y	(N) circled
Avail. Oxygen	Y	(N) circled
OVA	Y	(N) circled
Other		

Photogoraphs, Roll None

Exposure None

TEST PIT RECORD

Profile Along Test Pit: 57E-95-04X

Site: AOC 57

West wall (All walls similar)

SKETCH MAP OF TEST PIT PROFILE w/ sod & grass

Ⓐ dark brown silty sand w/ some 3 to 6" cobbles

Ⓑ Medium sand; poorly graded light brown

Bottom of Excavation 12' (walls began to collapse)

SCALE 1" = 5 FT. vertical 1" = 1' horizontal

DEPTH (FT). 12'

NOTES:

Ⓐ Silty sand; well graded; 15-20% fines w/ 5% fine gravel; damp; ~~loose~~ very loose; dark brown ~~w/~~; SM contains some organics (roots,

Ⓑ medium sand; poorly graded; minimal fines; damp; loose, light brown modeled with reddish orange; SP

Duplicate sample collected at 5' for off-site analyses

no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Lab
S-1	EX570400	0-1'	0.0ppm	on
S-2	EX570405	5'	0.0ppm	on-site + off site (Duplic.)
S-3	EX570412	12'	0.0ppm	on-site
S-4				
S-5				
S-6				
S-7				
S-8				

REFERENCE: FIELD BOOK, Pg. 8 (Sim)

ATTACHMENTS None

SIGNATURE: RD [signature]

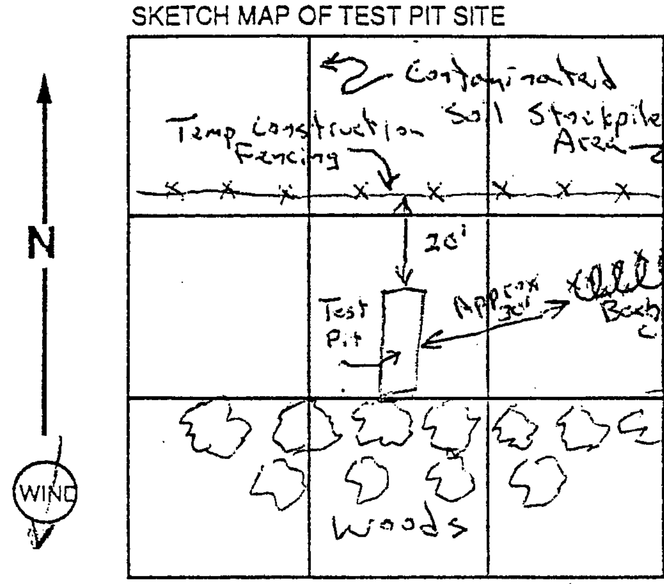
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-05X Date 9-19-95 Time 9:10 End 9:50

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

NOTES:

Test Pit Trench approximately 15 ft long & 13 feet deep. Sidewalls caved in. Could not dig much deeper than 13 ft.

Excavated in 3 lifts 0-1 ft; 1-6 ft and 6-13 ft.

Backfilled these lifts to their respective locations.

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y) N
Explosive Gas	Y (N)
Avail. Oxygen	Y (N)
OVA	Y (N)
Other	

Photographs, Roll None

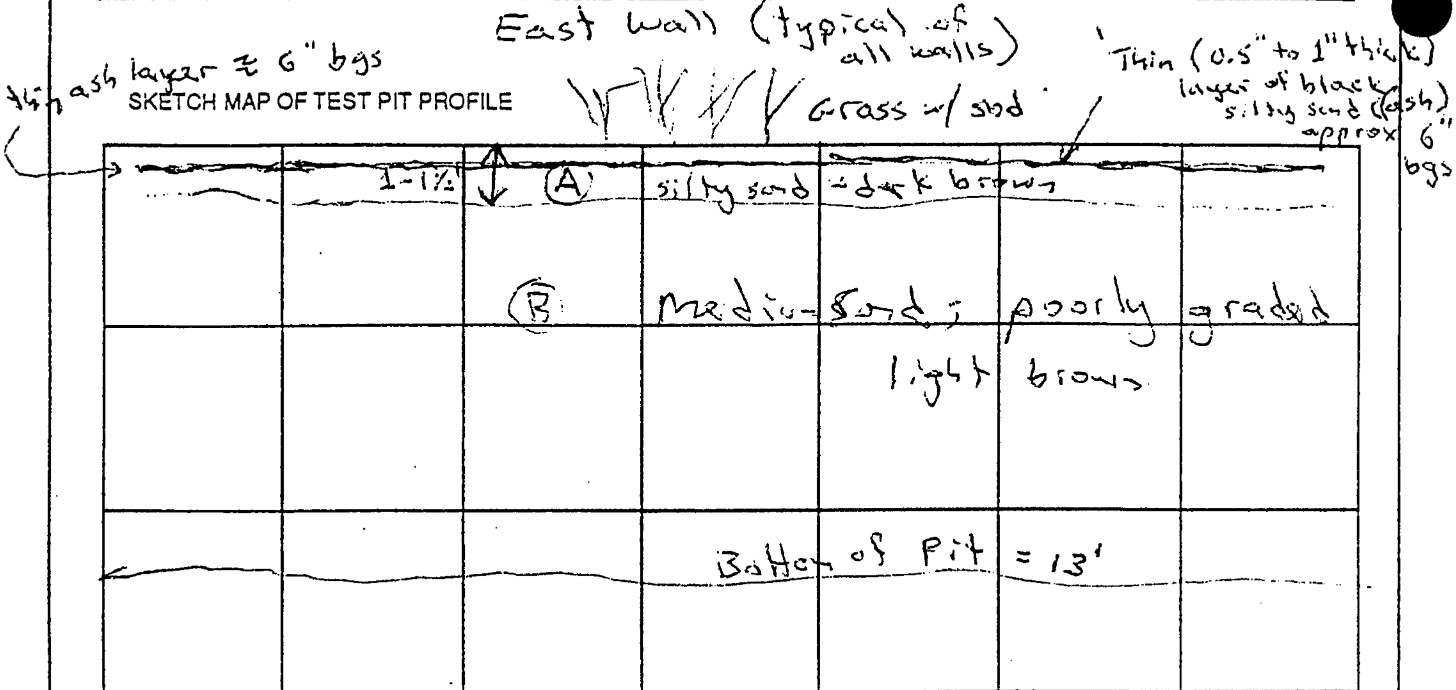
Exposure None

TEST PIT RECORD

Profile Along Test Pit: 57E-95-05X

Site: AOC 57

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical 1" = 1' horizontal

DEPTH (FT). 13 ft

NOTES:

(A) silty sand; well graded; 20-25% fines w/ trace fine gravel; damp; very loose dark brown; SM Contains ~~dark brown~~ ROOT to black strip about ½" to 1" thick which looks like ash. Contains some roots

(B) Medium sand; poorly graded no observable fines; moist; loose; light brown modeled with reddish orange & white; SP

MS/MSD Sample Collected @ 6' level

no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	
✓ S-1	EX570500	0-1'	0 ppm	Lab off-site
✓ S-2	EX570506	6'	"	on+off-site
✓ S-3	EX570513	13'	"	on-site
S-4				
S-5				
S-6				
S-7				
S-8				

Gradation taken @ 6'

REFERENCE: FIELD BOOK, Pg. Pgs 8-9

ATTACHMENTS None

SIGNATURE: RD [signature]

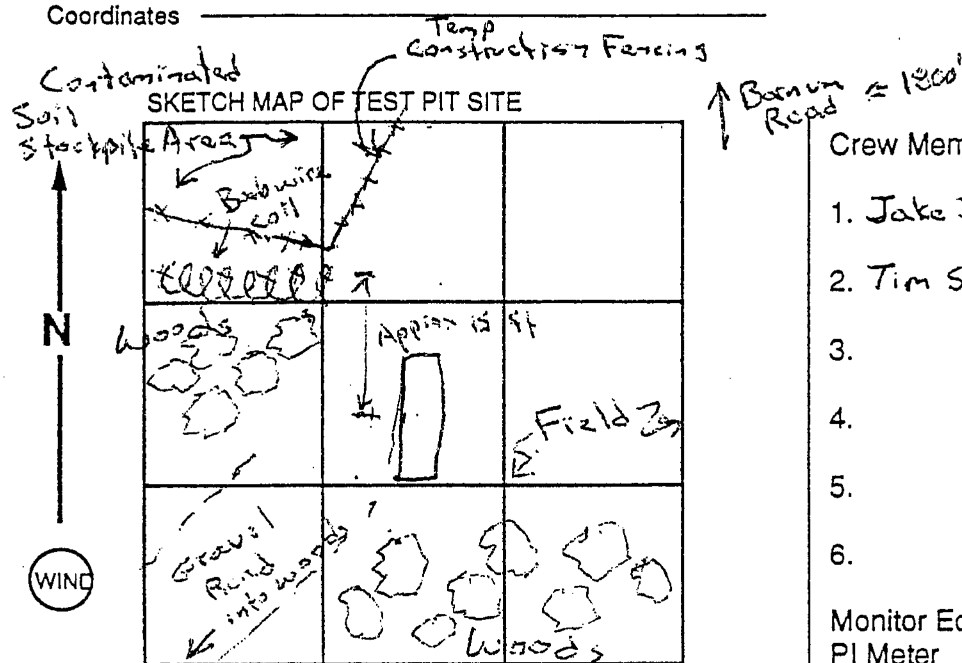
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-06X Date 9-19-95 Time 10:35 End ~~10:~~ RDS 11:15

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y) circled	N
Explosive Gas	Y	(N) circled
Avail. Oxygen	Y	(N) circled
OVA	Y	(N) circled
Other		

Photogoraphs, Roll None

Exposure None

NOTES:

Test pit Trench approx 15 ft. long. and 11 feet deep. Sidewalls caved in at 10 to 11 ft.

Excavated in 3 lifts 0-1 ft ; 1-6 ft, and 6-11 ft.

Backfilled back to their respective locations.

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TEST PIT RECORD

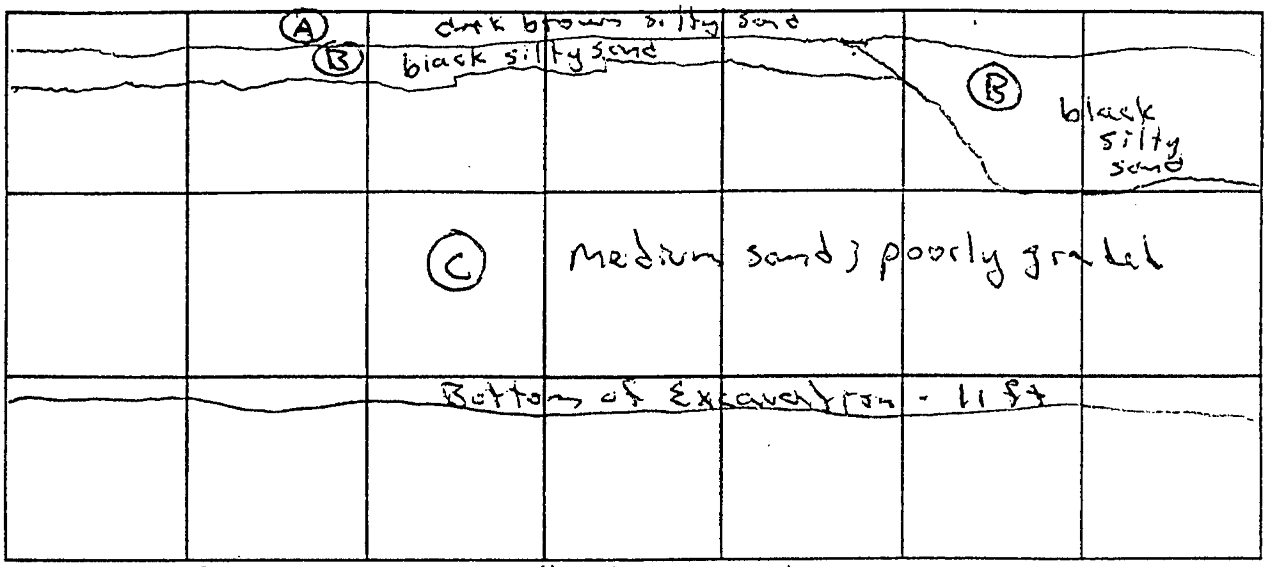
Profile Along Test Pit: 57E-95-06X

Site: AOC 57

East wall (west wall similar)

SKETCH MAP OF TEST PIT PROFILE

Towards Woods →



SCALE 1" = 5 FT. vertical 1" = 1' horizontal

DEPTH (FT). 11 ft (walls continued to collapse)

NOTES:

(A) Siltly sand; well graded; 20-25% fines w/ some gravel up to 1" diameter; damp; very loose; dark brown; SM contains some roots. Modeled with blacker ashier soil below identified as (B)

(C) Medium sand; poorly graded no observed fines; moist; loose; light brown modeled with reddish orange + white; SP

no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Lab
✓ S-1	EX570600	0-1'	0.0 ppm	on-site
✓ S-2	EX570606	6'	0.0 ppm	on + off-site
✓ S-3	EX570611	11'	0.0 ppm	on-site
S-4				
S-5				
S-6				
S-7				
S-8				

Gradation sample collected @ 0-1' and @ (

REFERENCE: FIELD BOOK, Pg. 8-9

ATTACHMENTS None

SIGNATURE: [signature]

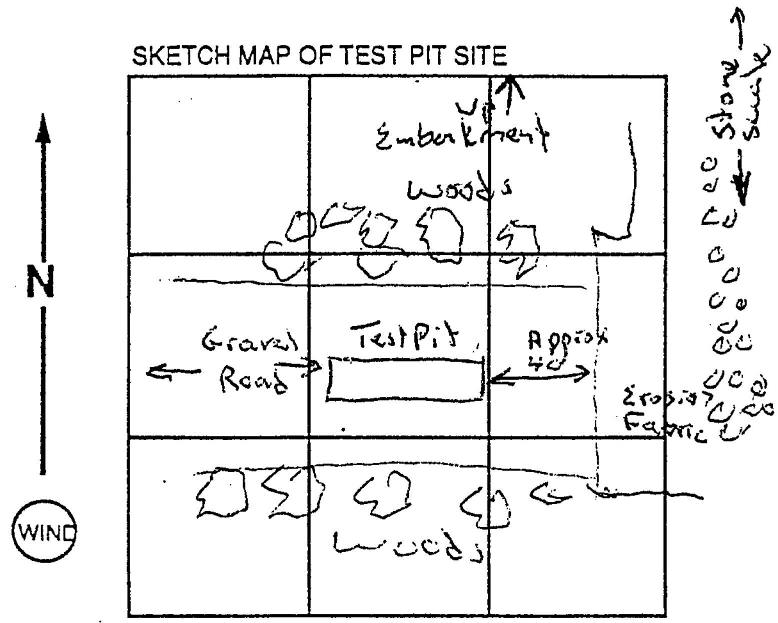
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-7X Date 9-19-95 Time 11:50 End 12:25

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	(N)
Avail. Oxygen	Y	(N)
OVA	Y	(N)
Other		

Photogoraphs, Roll None

Exposure None

NOTES:

Test pit trench approximately 10 ft long. Excavated to 7 ft. depth where groundwater was reached.

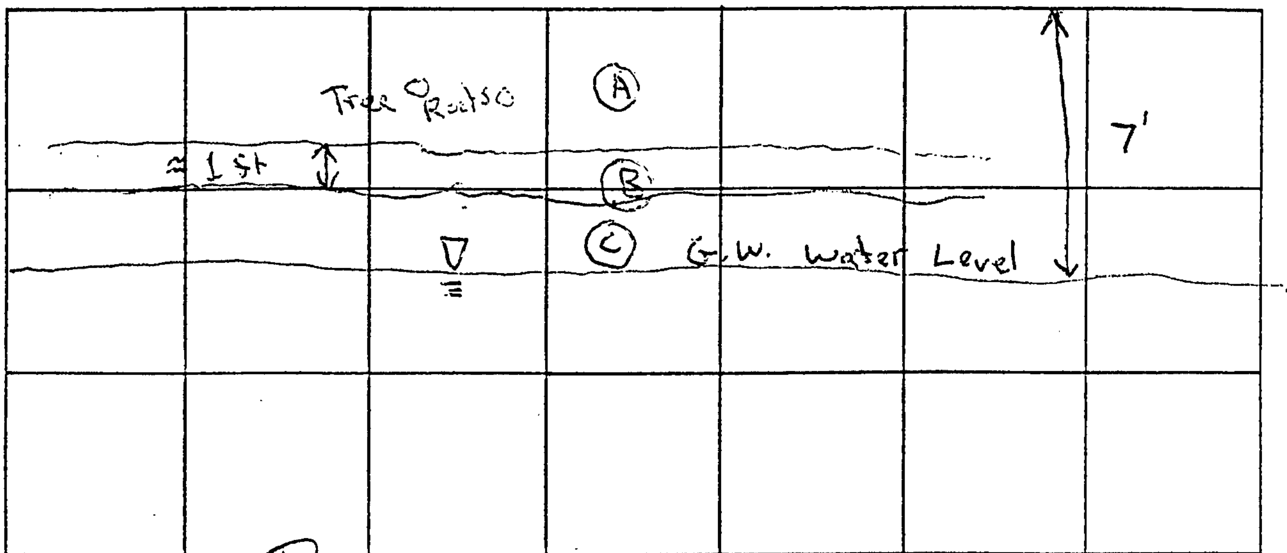
Excavated in approximately 3 lifts 0-3 ft; 4 ft-5 ft; and 5 to 7 ft. Backfilled back to their respective locations

TEST PIT RECORD

Profile Along Test Pit: 57E-95-07X

Site: AOC 57

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = as shown FT.
DEPTH (FT). 7

NOTES:

(A) Silty sand; well graded; 25-30% fines w/ some gravel damp; very loose fill; dark brown SM

(B) Black silty sand; strong fuel odor detected;

(C) medium sand; poorly graded; moist to wet light brown to white. Fuel odor detected

no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM RDJ	
S-1	EX570700	0-1'	0.0 ppm	Lab on
S-2	EX570704	4'	140 ppm	on posssi.
S-3	EX570707	7'	53 ppm	on-site
S-4				
S-5				
S-6				
S-7				
S-8				

REFERENCE: FIELD BOOK, Pg. 10

ATTACHMENTS None

SIGNATURE: RD J[illegible]

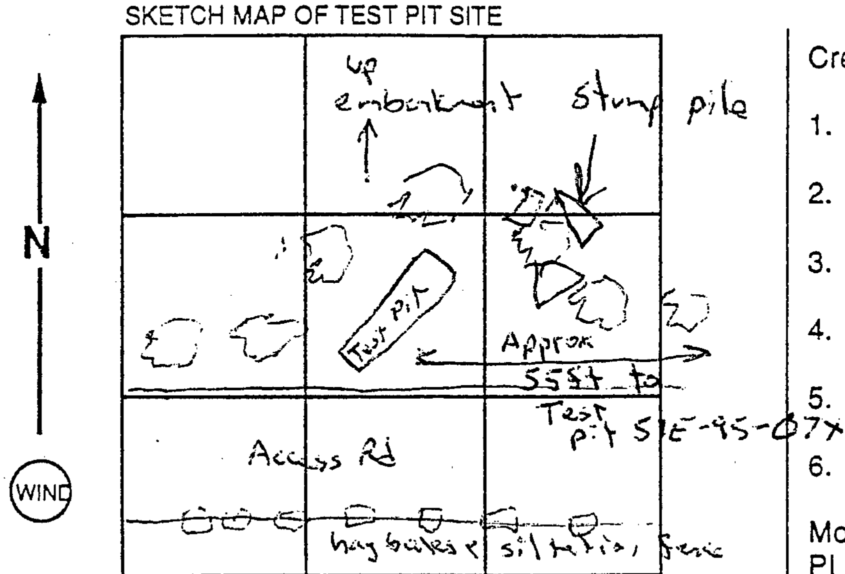
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-08X Date 9-20-95 Time 8:00 End 8:40

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

NOTES:

Test Pit trench approximately 10 ft long and 6 ft deep to groundwater

Excavated in 3 lifts
0-1 ft 1-5 ft and 5 to 6 ft
Soil backfilled to respective location

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	(N)
Avail. Oxygen	Y	(N)
OVA	Y	(N)
Other		

Photogoraphs, Roll None

Exposure None

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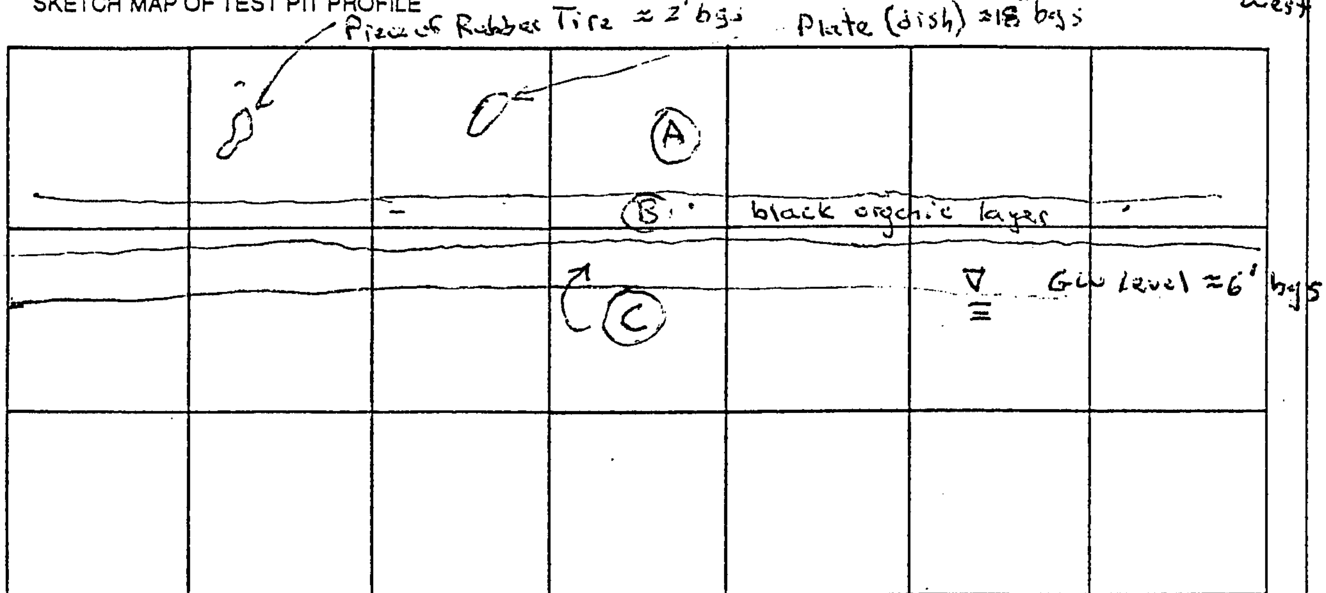
TEST PIT RECORD

Profile Along Test Pit: 57E-95-08X
Site: AOC 57

South east wall (soil layers similar on north west wall)

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal
DEPTH (FT). 6 Ground water present @ 6'

NOTES:

(A) Silty sand; well graded; 15-20% fines w/ 5% gravel up to about 1" diameter; damp; very loose; dark brown; stones round; SM; soil contains some roots & ~~rot~~ debris (piece of rubber; dinner plate)

(B) Same as above (A) except that soil also appears to contain black organic material. Septic odor detected. Soil is very cohesive (sticks to sample spoon) Very moist; black; lense is approximately 1 foot thick

(C) Medium sand; poorly graded; no observable fines; wet; loose; light brown; SP

no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Lab
(A) S-1	EX570800	0-1'	0 ppm	on
(B) S-2	EX570804	4'	* 0 ppm	on off-site
(C) S-3	EX570806	6'	0 ppm	
S-4				
S-5				
S-6				
S-7				
S-8				

* septic odor detected
Grain size analyses collected @ 4'

REFERENCE: FIELD BOOK, Pg. 11-12

ATTACHMENTS None

SIGNATURE: [signature]

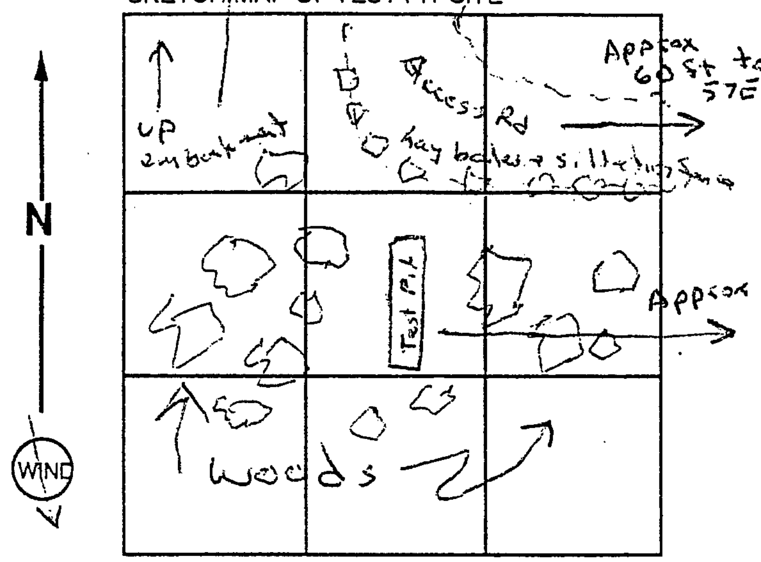
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02 1 of 2

Test Pit: 57E-95-~~08X~~ 09X Date: 9-20-95 Time: 9:15 End: 9:45

Coordinates: To Barnum Road ≈ 2000 ft

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

NOTES:

Surface debris (green burlap) and sheetmetal noted within 6 to 8 feet of test pit

Test pit approximately 10 ft long and 8 ft deep where groundwater was encountered

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	(N)
Avail. Oxygen	Y	(N)
OVA	Y	(N)
Other		

Photogoraphs, Roll None

Exposure None

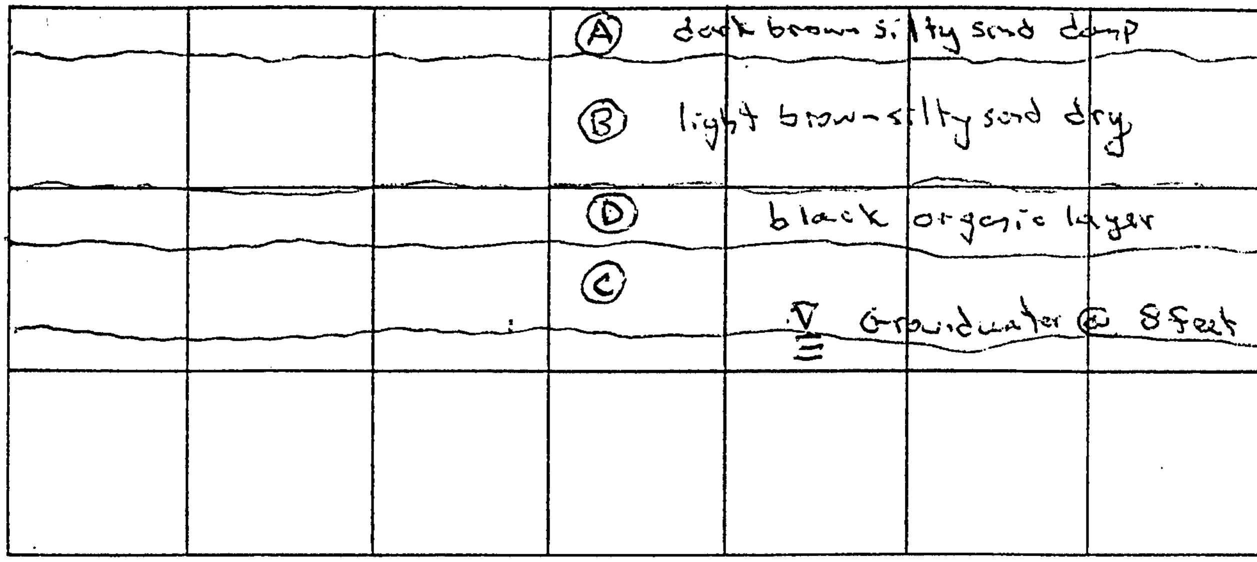
TEST PIT RECORD

Profile Along Test Pit: 57E-95-02X

Site: AOC 57

Typical all walls

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal

DEPTH (FT). 8 ft (Groundwater at 8 ft)

NOTES:

(A) Silty sand; well graded; 10-15% fines w/ 5-10% gravel up to about 1" diameter; damp; very loose; dark brown; stones round; SM; contains some roots. Approx 1 to 1½ ft thick layer

(B) Silty sand; well graded; 10-15% fines w/ 5% gravel up to 1½" diameter; very dry (dusty); very loose; light brown; stones round; SM

(D) Black organic layer ≈ 1 ft thick 5' bgs. Soil is very cohesive; very moist; black Strong septic odor; no fuel odor detected

(C) Medium sand; poorly graded some roots and organic matter noted; very wet; very loose; light brown to tan; SP

soil type

no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM
(A) S-1	EX570900	0-1'	0 ppm
(D) S-2	EX570905	5'	* "
(C) S-3	EX570908	8'	"
S-4			
S-5			
S-6			
S-7			
S-8			

Lab on-site
on-site
on-site

* Strong septic odor

REFERENCE: FIELD BOOK, Pg. 11-12

ATTACHMENTS None

SIGNATURE: [signature]

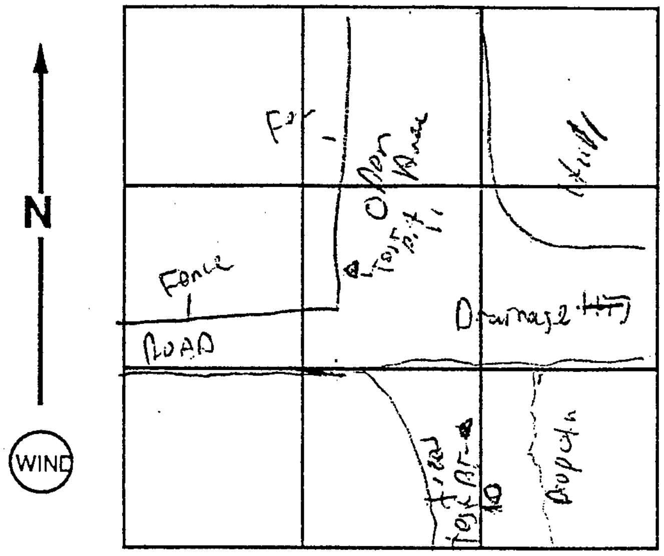
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-10 Date 9-19-95 Time 1400 End NM

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

NOTES:

Test Pit ≈10' Long and 3' wide excavated to 10' before hole started to collapse.

Hole was backfilled immediately after logging.

Crew Members:

1. ~~Jake Jacobson~~ Mike Lounsbury (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y) N
Explosive Gas	Y (N)
Avail. Oxygen	Y (N)
OVA	Y (N)
Other	

Photogoraphs, Roll None

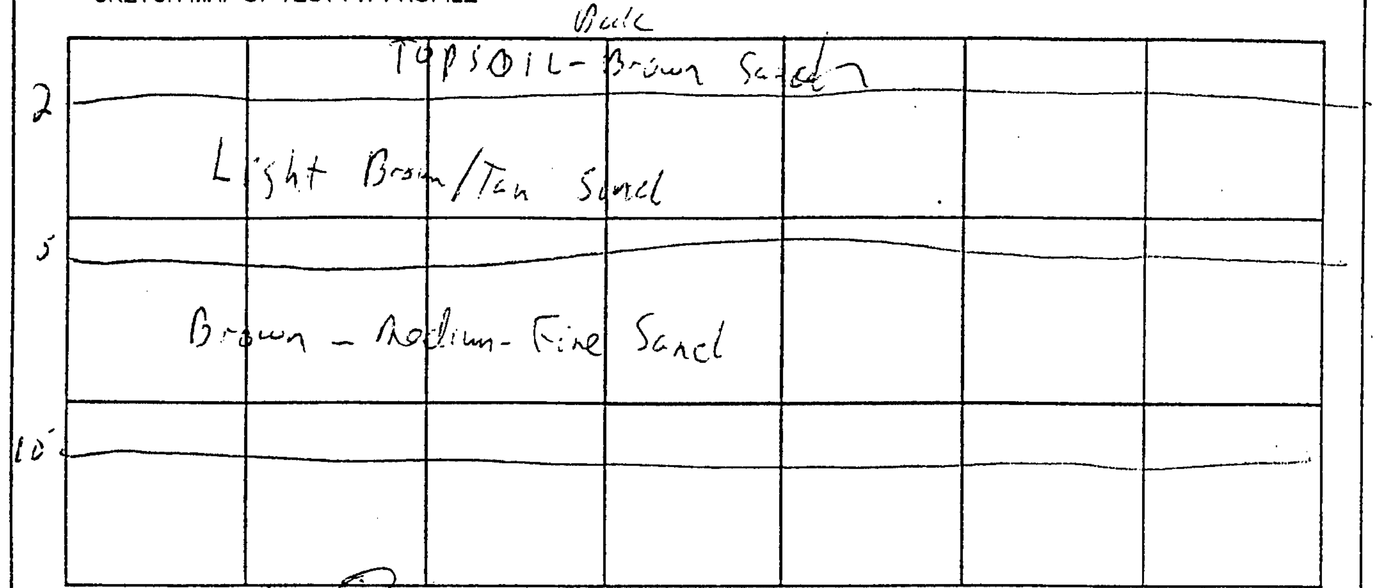
Exposure None

TEST PIT RECORD

Profile Along Test Pit: 57E-95-10

Site: AOC 57

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = as shown FT.
DEPTH (FT). 10

NOTES:

Test pit ~ 10' Long and 3' wide - excavated to 10' before side walls were caving in

S-1 - Dark Brown Silty Sand, Dry - Topsoil and Sand. Offsite and onsite Sample Collected

S-2 Tan Medium-Fine Sand, very uniform Dry - onsite and offsite Sample Collected

S-3 Brown Medium-fine Sand, very uniform Dry-Damp - onsite Sample Collected

no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	
S-1	EX571000	0	0	14[illegible]
S-2	EX571006	6	0	1420
S-3	EX571010	10	0	1430
S-4				
S-5				
S-6				
S-7				
S-8				

REFERENCE: FIELD BOOK, Pg. 10

ATTACHMENTS None

SIGNATURE:

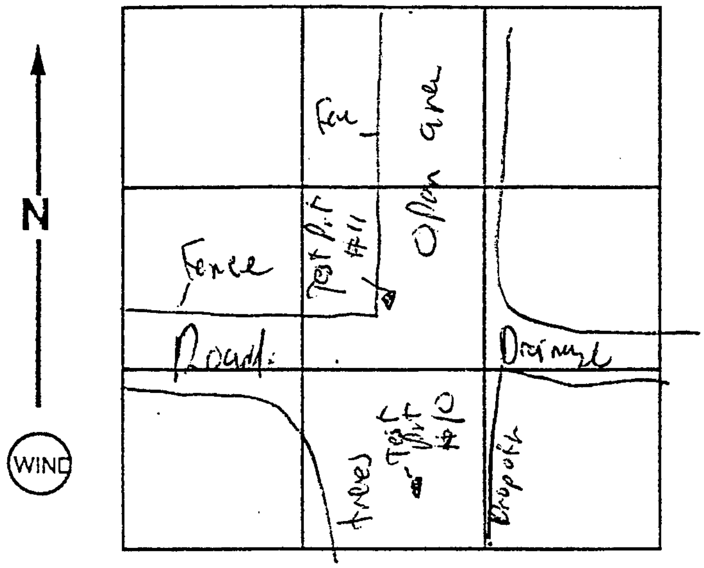
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-11 Date 9-19-95 Time 1310 End 1345

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

NOTES:

Test pit = 8' Long and 3' wide excavated to 13' then backfilled

Hole was backfilled Immediately after Logging

Crew Members:

1. ~~Jake Jacobson~~ Mike Lounsbury (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	(N)
Avail. Oxygen	Y	(N)
OVA	Y	(N)
Other		

Photogoraphs, Roll None

Exposure None

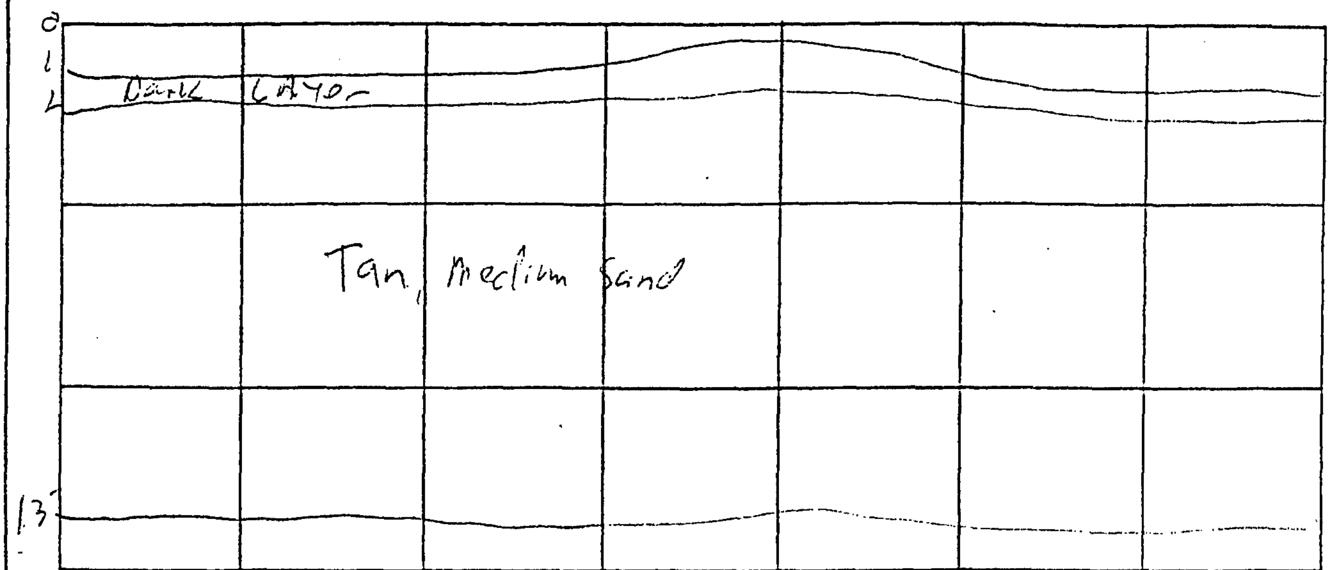
9312005S L 2

TEST PIT RECORD

Profile Along Test Pit: 57E-95-11

Site: AOC 57

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = as shown FT.

DEPTH (FT). 13

NOTES:

A - Sand - Medium - Fine - A Dark Layer
≈ 1-2 foot, Dry

B + C - Tan Sand Fine - Medium
Very uniform - Damp

Onsite Samples were Collected at each Location - an offsite Sample was Collected at EX571106

	no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM
1315	S-1	EX571100	0-1	0
1330	S-2	EX571106	5-6	0
1345	S-3	EX571113	12-13	0
	S-4			
	S-5			
	S-6			
	S-7			
	S-8			

REFERENCE: FIELD BOOK, Pg. 10

ATTACHMENTS None

SIGNATURE:

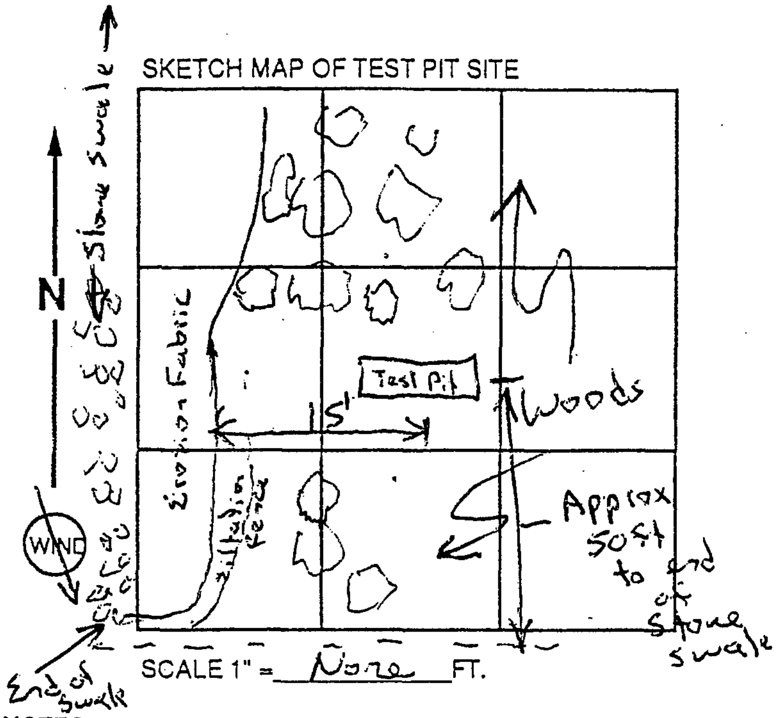
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-12X Date 9-20-95 Time 10:20 End 11:00

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	(N)
Avail. Oxygen	Y	(N)
OVA	Y	(N)
Other		

Photogoraphs, Roll None

Exposure None

NOTES:

Two paint cans located on the surface approximately 10 feet from the south wall of the test pit

Test pit trench approximately 10 ft. long. Excavated to 13 ft. water noted seeping into the trench at the approximate 8 ft level

Soil ~~replaced~~ backfilled into the trench within respective location from which it was excavated

ABB Environmental Services, Inc.

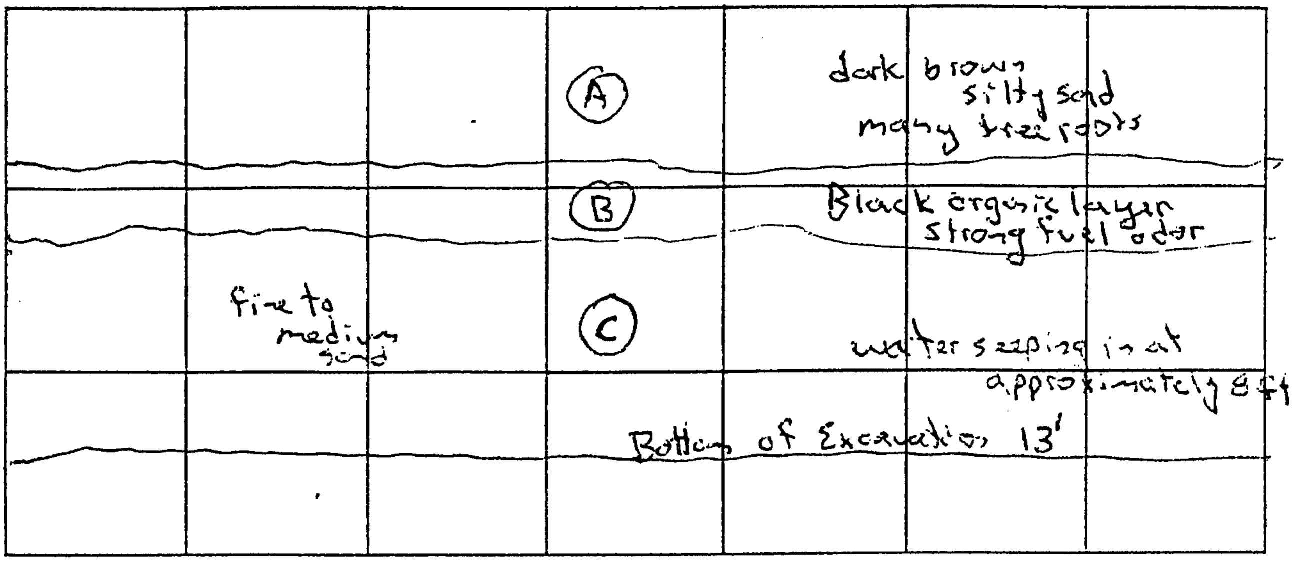
9312005S L 2

TEST PIT RECORD

Profile Along Test Pit: 57E-95-12X

Site: AOC 57

SKETCH MAP OF TEST PIT PROFILE Typical all walls



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal

** DEPTH (FT). 13' sides began to cave in

NOTES:

(A) Silty sand; well graded; 10-15% fines w/ 5-10% gravel; dry; very loose; dark to medium brown SM; many tree roots

(B) Black layer; septic and strong fuel odor noted (2.7 ppm w/ PID about 1 ft down in trench) Soil very cohesive; very moist

(C) Medium to fine sand; poorly graded; very wet; loose light to yellowish brown; SP

** Note: Groundwater eventually filled the pit to the approximate 7' level

soil type

soil type	no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Lab
(A)	S-1	EX571200	0-1'	0 ppm	on
(B)	S-2	EX571204	4'	* 1.4 ppm	on-off
(C)	S-3	EX571213	13'	0 ppm	on-site
	S-4				
	S-5				
	S-6				
	S-7				
	S-8				

* fuel odor detected
Grain size @ 0-1' and @ 4'

REFERENCE: FIELD BOOK, Pg. 11-12

ATTACHMENTS None

SIGNATURE: [signature]

TEST PIT RECORD

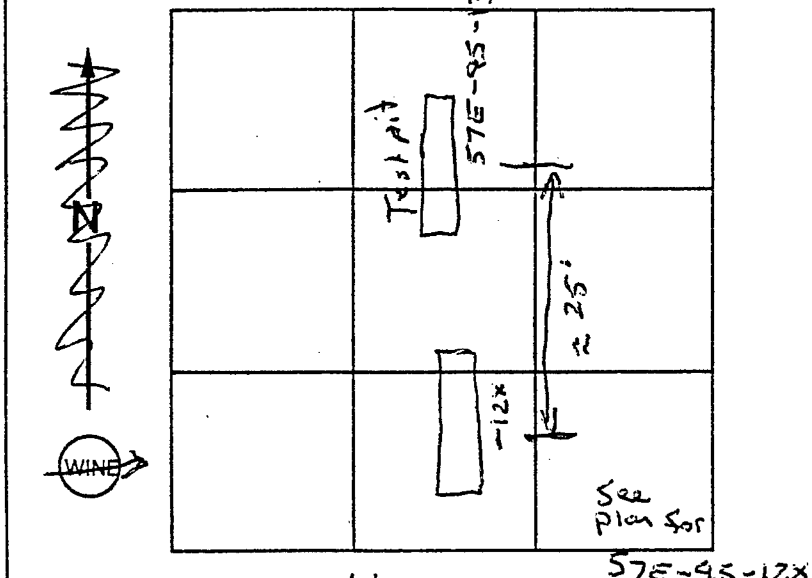
Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-13X Date 9-20-95 Time 13:50 End 14:30

Coordinates

N ←

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

NOTES:

Test pit approx 10 ft long
≈ 11 ft deep
Soil backfilled into the trench
within respective location
from which it came.

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y) circled	N
Explosive Gas	Y	(N) circled
Avail. Oxygen	Y	(N) circled
OVA	Y	(N) circled
Other		

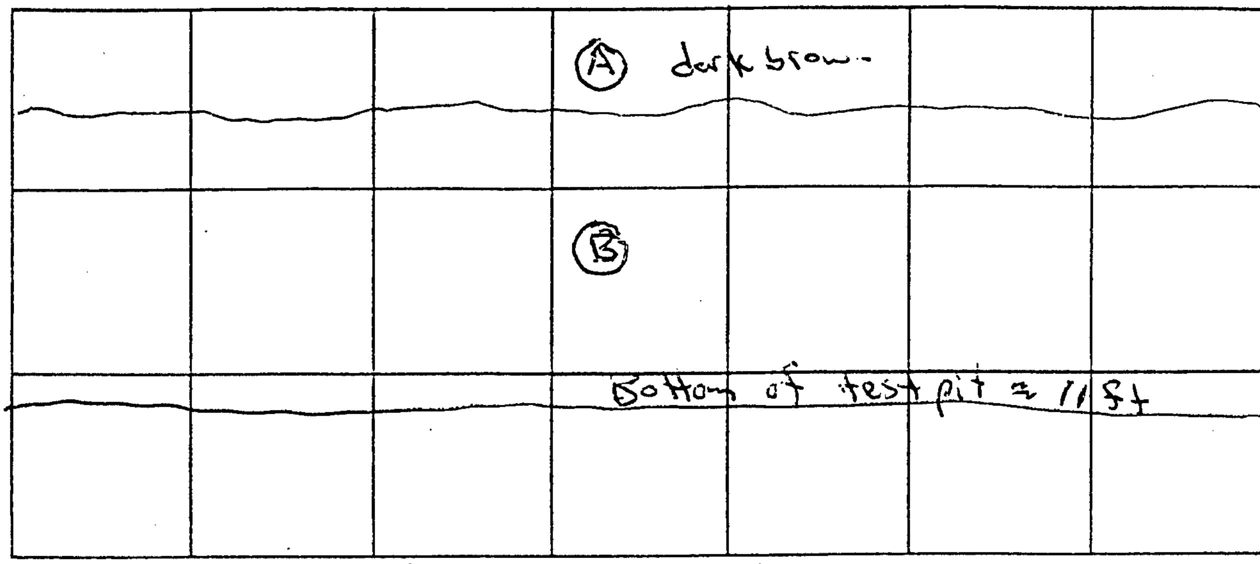
Photogoraphs, Roll None

Exposure None

TEST PIT RECORD

Profile Along Test Pit: 57E-95-13X
Site: AOC 57

SKETCH MAP OF TEST PIT PROFILE   Typical all walls



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal
DEPTH (FT). 11   sidewalls collapsed; water trickling in at about 6'

NOTES:

(A) Silty sand; well graded; 20 to 25% of fines; damp; very loose; dark brown w/ some black organic material; SM; many roots
Approx 2 ft thick

(B) Medium sand turning finer with depth; poorly graded; wet; loose in spots w/ tight consolidated chunks in other areas; light brown to tan; SP

No observable black organic layer was found in this pit. A few dark clumps of organic material were noted in the backfill

soil type	no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Lab
(A)	S-1	EX571300	0-1'	0.3 ppm	off-site
(B)	S-2	EX571305	5'	0 ppm	on-site / off-site
(B)	S-3	EX571311	11'	0 ppm	on-site
	S-4				
	S-5				
	S-6				
	S-7				
	S-8				

REFERENCE: FIELD BOOK, Pg. 13

ATTACHMENTS None

SIGNATURE: RD Jacobs

Groundwater observed to be seeping in @ ≈ 6 ft.

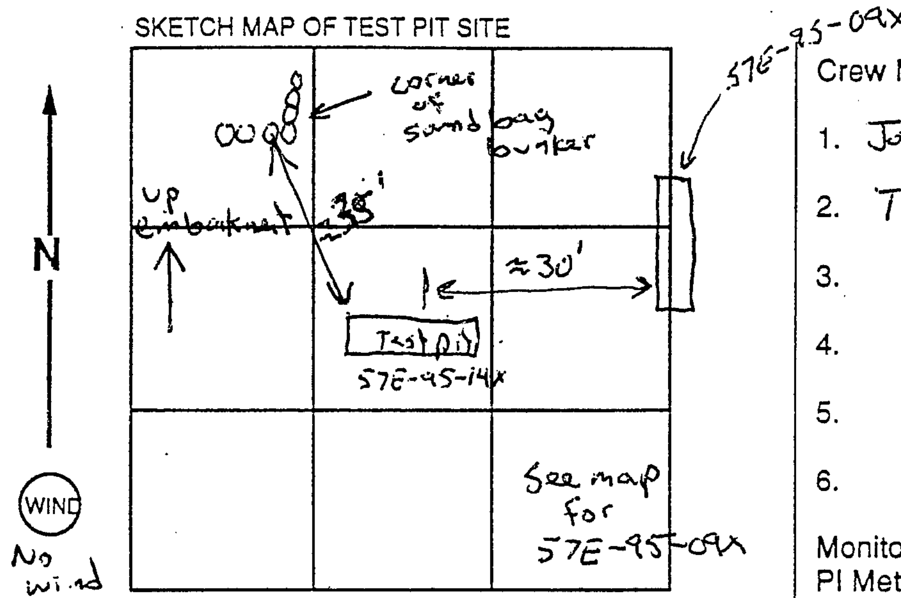
TEST PIT RECORD

Site: AOC 57 Client: AFC Project No.: 9144-02

Test Pit 57E-95-14X Date 9-20-95 Time 15:00 End 15:30

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

	Y	N
PI Meter	(Y) circled	N
Explosive Gas	Y	(N) circled
Avail. Oxygen	Y	(N) circled
OVA	Y	(N) circled

Other

Photogoraphs, Roll None

Exposure None

NOTES:

Test pit ≈ 10 ft long
6 ft deep when water began to pour in.
At 3½ feet below grade water was starting to seep in

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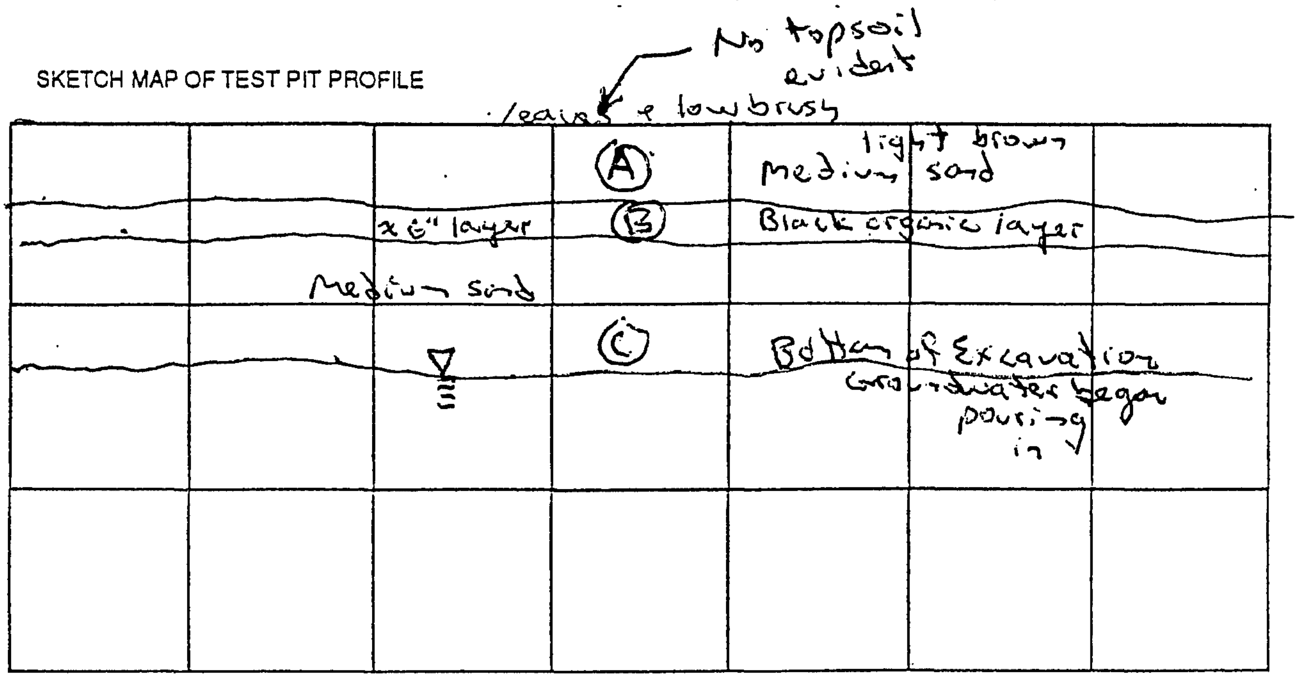
9312005S L 2

TEST PIT RECORD

Profile Along Test Pit: 57E-95-14X

Site: AOC 57

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal

DEPTH (FT). 6 ft groundwater started pouring in

NOTES:

(A) Medium sand poorly graded damp; very loose; light to yellowish brown; SP

(B) Black organic layer (6" thick) approximately 2 ft below ground surface. Septic odor noted

(C) Similar to (A) except wet.

soil designation

	no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Lab
(A)	S-1	EX571400	0-1 ft	0 ppm	on-site
(B)	S-2	EX571402	2 ft	0 ppm	on-site
(C)	S-3	EX571406	6 ft	0 ppm	on & off-site
	S-4				
	~~S-5~~				
	~~S-6~~				
	~~S-7~~				
	~~S-8~~				

REFERENCE: FIELD BOOK, Pg. 14-15

ATTACHMENTS None

SIGNATURE: [signature]

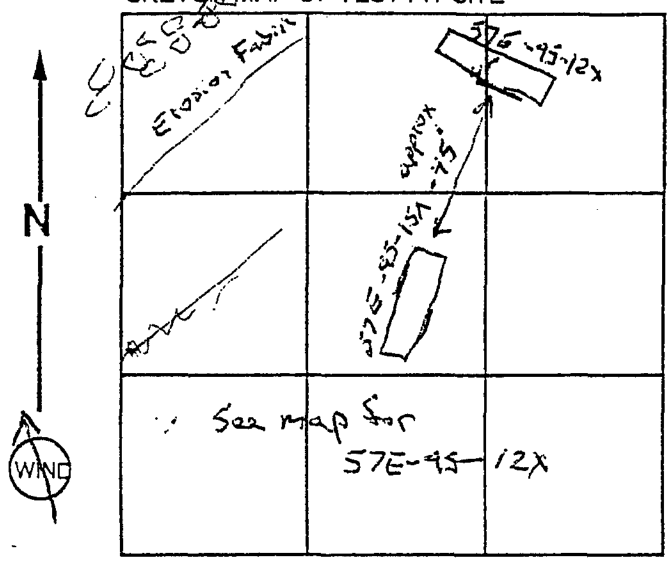
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02 1 of 2

Test Pit 57E-95-15X Date 9-21-95 Time 8:50 End 9:30

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

NOTES:

Test pit approximately 10 ft long
Excavated to 5 ft where
groundwater entered trench

Soil backfilled into trench
within respective location from
where it was excavated

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y) circled	N
Explosive Gas	Y	(N) circled
Avail. Oxygen	Y	(N) circled
OVA	Y	(N) circled
Other		

Photogoraphs, Roll None

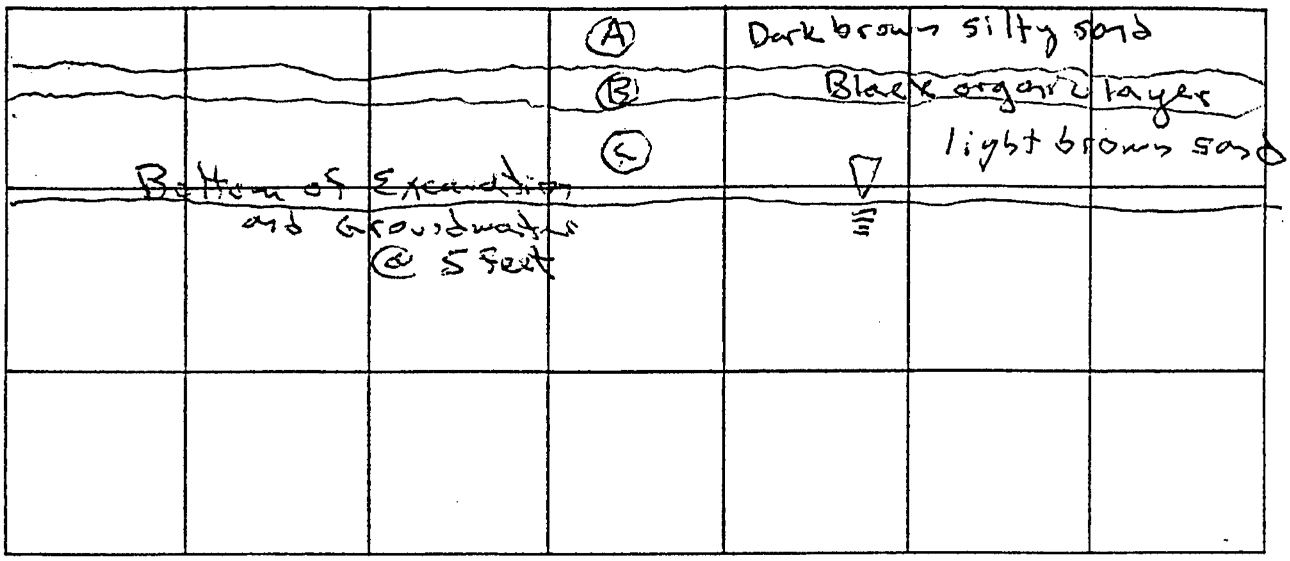
Exposure None

TEST PIT RECORD

Profile Along Test Pit: 57E-95-15X
Site: AOC 57

Typical all walls

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal
DEPTH (FT). 5 ft

NOTES:

(A) Silty sand; well graded 10-15% fines w/ 5-10% gravel dry to damp; very loose; dark brown; SM; many roots

(B) Black layer; fuel odor small; 5 ppm noted in the trench; Layer is approximately 6" wide and about 18" to 2 ft below grade; soil very cohesive and moist; appears to contain organic material (decayed wood)

(C) Medium to fine sand; poorly graded; very wet; loose; light brown to white; SP

	no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Lab
(A)	S-1	EX571500	0-1 ft	0 ppm	on-site
(B)	S-2*	EX571502	2 ft	12 ppm	on & off
(C)	S-3	EX571505	5 ft	3.2 ppm	on-site
	S-4				
	S-5				
	~~S-6~~				
	~~S-7~~				
	~~S-8~~				

* MS/MSD sample collected @ 2'
Grain size collected @ 2'

REFERENCE: FIELD BOOK, Pg. 16-17

ATTACHMENTS None

SIGNATURE: RDJacobs

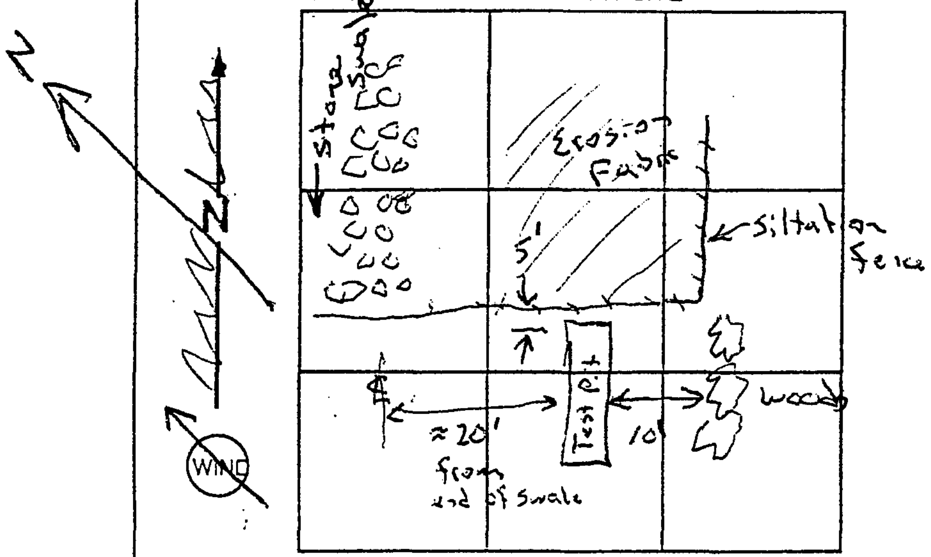
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-16X Date 9-21-95 Time 10:05 End 10:35

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

NOTES: Test pit approximately 10 feet long. excavated to 5 feet where groundwater seeped in. Oil sheen noted on ~~water~~ RDS groundwater entering trench. Soil backfilled into trench within respective location from which it was excavated.

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	(N)
Avail. Oxygen	Y	(N)
OVA	Y	(N)
Other		

Photogoraphs, Roll None

Exposure None

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9312005S L 2

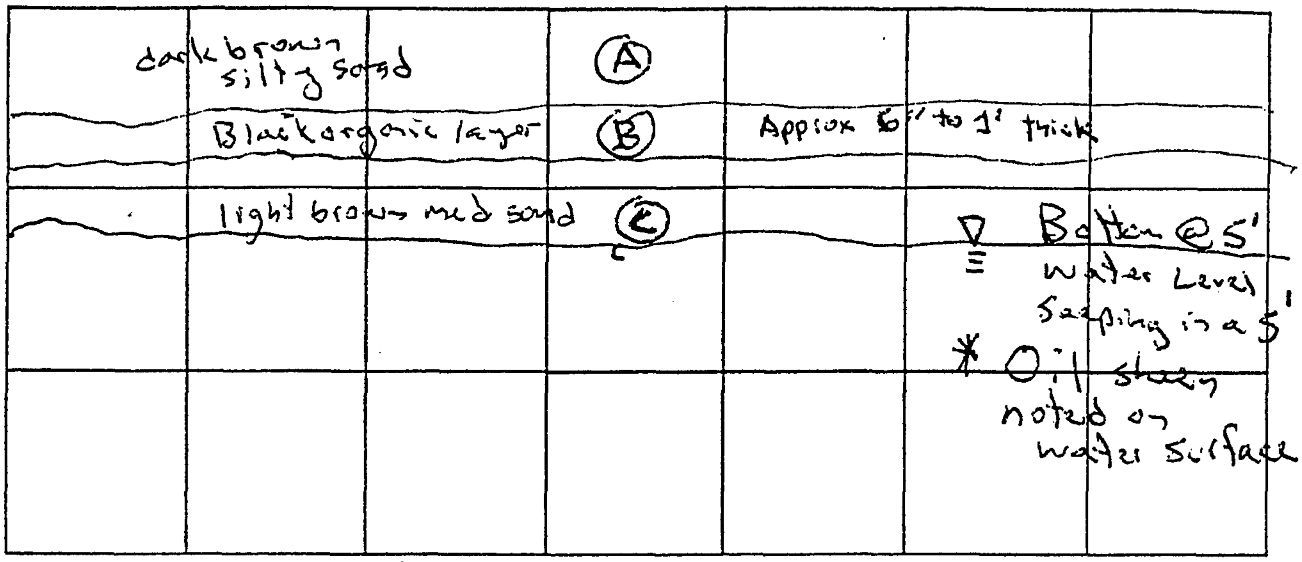
TEST PIT RECORD

Profile Along Test Pit: 57E-95-16X

Site: AOC 57

Typical all walls

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal

DEPTH (FT). 5 ft

NOTES: (A) silty sand; well graded; 10-15% fines; 5-10% gravel up to 3/4" to 1" diameter angular; dry to damp; very loose; dark brown; SM; many roots

(B) Black layer; fuel odor noted (3 ppm from stockpile) Soil very moist containing organics (roots).

(C) Medium sand; poorly graded very wet; loose; light brown to white; fuel odor detected. Sample may have been collected below the water table. water began coming in at ≈ 5 ft.

Soil type

	no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Lab
(A)	S-1	EX571600	0-1'	0 ppm	on+off
(B)	S-2	EX571603	3'	7.8 ppm	on+off
(C)	S-3	EX571605	5'	3.2 ppm	on-site
	S-4				
	S-5				
	S-6				
	S-7				
	S-8				

Gradation sample collected only at 3' level

REFERENCE: FIELD BOOK, Pg. 17

ATTACHMENTS None

SIGNATURE: [signature]

ABB Environmental Services, Inc.

9312005S L3

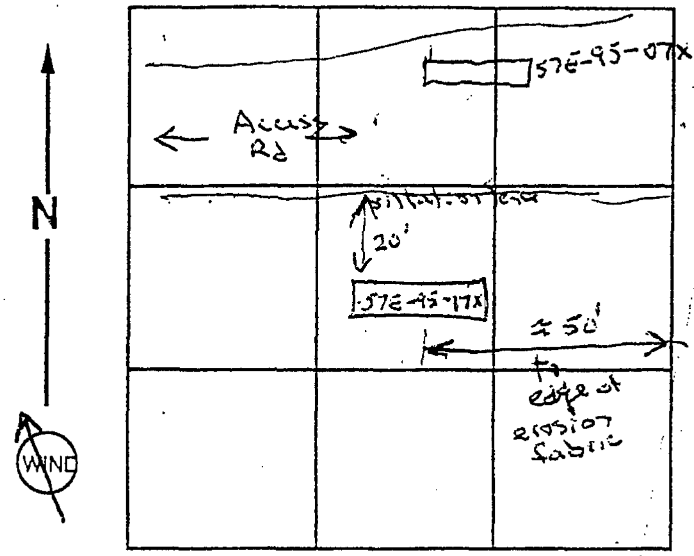
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-17X Date 9-21-95 Time 11:00 End 11:40

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

NOTES:

Test pit approximately 10 ft long. Excavated to 0.5 ft where groundwater was encountered.

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y) N
Explosive Gas	Y (N)
Avail. Oxygen	Y (N)
OVA	Y (N)
Other	

Photographs, Roll None

Exposure None

ABB Environmental Services, Inc.

9312005S L 2

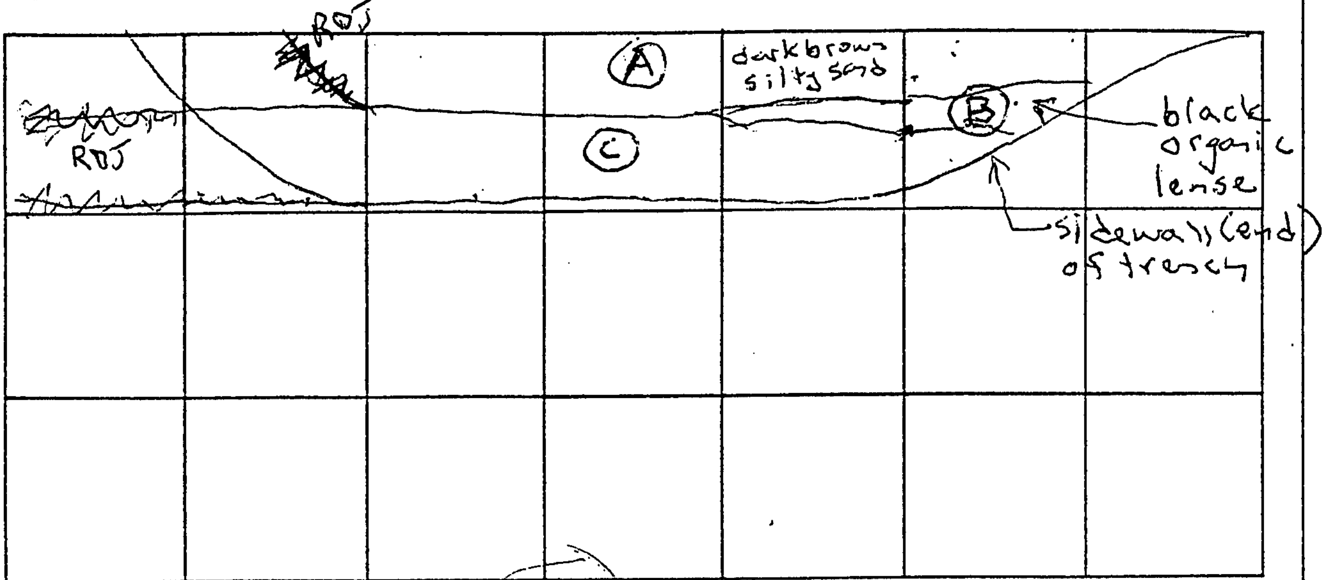
TEST PIT RECORD

Profile Along Test Pit: 57E-95-17X

Site: AOC 57

North wall - similar to south wall

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical; 1" = 2' horizontal

DEPTH (FT). 5 ft

NOTES:

(A) Silty sand; poorly graded 20-30% fines; very dry; very loose; dense roots; dark brown; SM

(B) Black layer; Strong fuel odor (7 ppm in trench) very cohesive; contains organic material almost mastic like consistency; Appeared to be approximately 6 in to 1 ft thick at the east end of the trench

(C) Medium to coarse sand; some (5%) gravel; poorly graded; very wet light brown modeled with white. Strong fuel odor detected. Sample may have been collected below water table. Water began coming into the trench at 5 feet.

no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Lab
(A) S-1	EX571700	0-1'	0.0 ppm	on-site
(B) S-2	EX571702	2'	21.5 ppm	on-site
(C) S-3	EX571703	5'	93.0 ppm	on-site
~~S-4~~				
~~S-5~~				
~~S-6~~				
~~S-7~~				
~~S-8~~				

Gradations taken @ 0' and @ 2'

REFERENCE: FIELD BOOK, Pg. 17-18

ATTACHMENTS None

SIGNATURE: RD Jacobs

TEST PIT RECORD

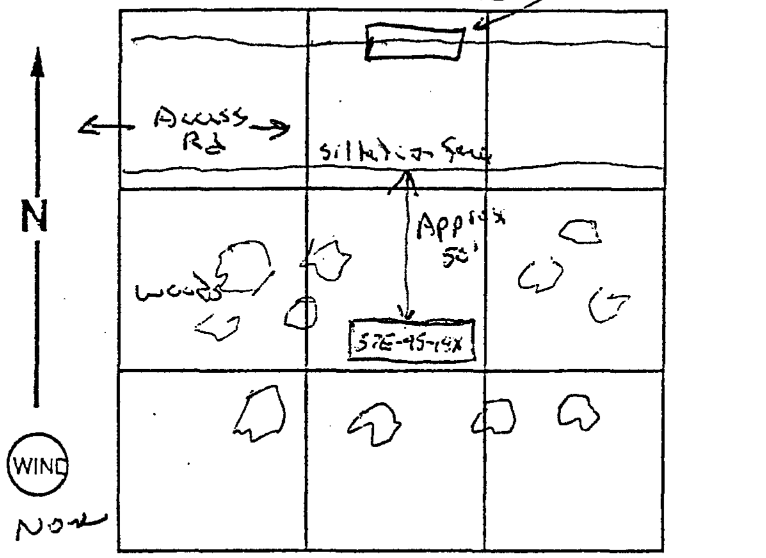
Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-18X Date 9-21-95 Time 13:00 End 13:30

Coordinates ______

SKETCH MAP OF TEST PIT SITE

57E-95-08X



SCALE 1" = None FT.

NOTES:

Test pit approximately 10 ft long
Excavated to 3 feet where
groundwater was encountered

Soil backfilled into trench
within respective location
from which it was excavated.

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y) circled	N
Explosive Gas	Y	(N) circled
Avail. Oxygen	Y	(N) circled
OVA	Y	(N) circled
Other		

Photogoraphs, Roll None

Exposure None

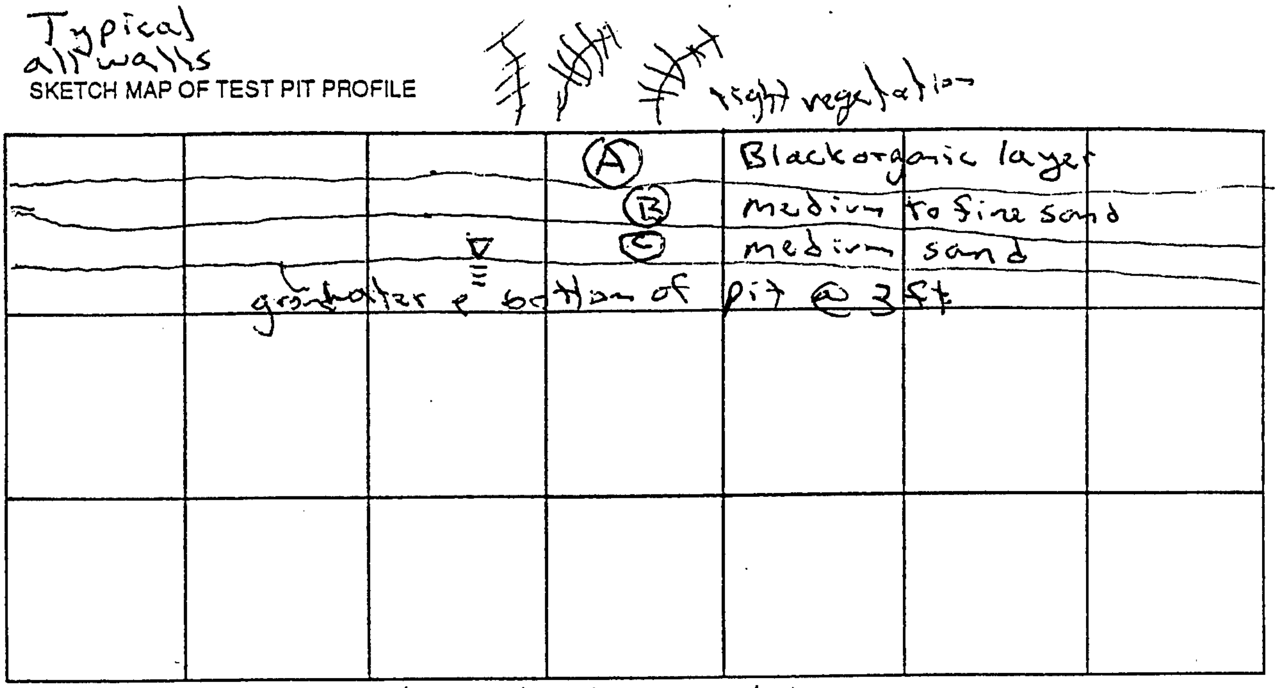
TEST PIT RECORD

Profile Along Test Pit: 57E-95-18X

Site: AOC 57

Typical all walls

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal

DEPTH (FT). 3 ft

NOTES:

(A) Black layer; no fuel odor detected; All organic material wet. No PID reading above bkg.

(B) medium to fine sand; poorly graded; wet; loose; light brown

(C) ~~coarse to~~ Medium sand; poorly graded; very wet; loose; light brown to whiter than (B); grain size slightly coarser than (B)

soil type

	no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Lab
(A)	S-1	EX571800	0-1'	0 ppm	on-site
(B)	S-2	EX571802	2'	0 ppm	on & off
(C)	S-3	EX571803	2½-3	0 ppm	on-site
	S-4				
	S-5				
	S-6				
	S-7				
	S-8				

Grain size collected @ 2'

REFERENCE: FIELD BOOK, Pg. 18

ATTACHMENTS None

SIGNATURE: R D Jacobs

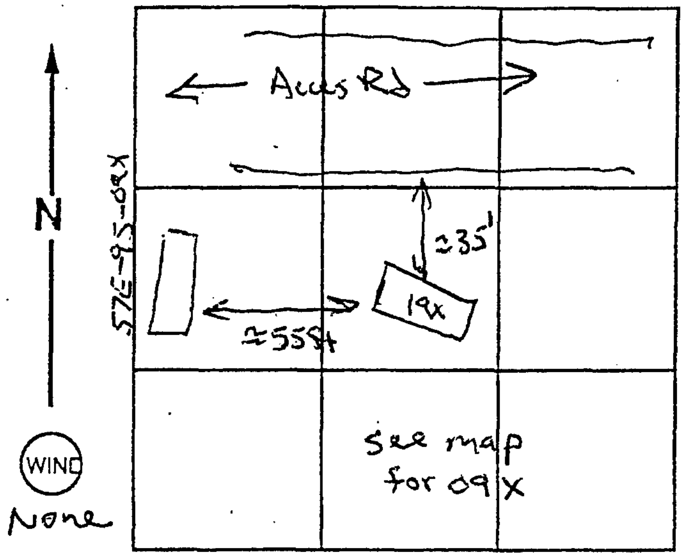
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-19X Date 9-21-95 Time 14:00 End 14:30

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

NOTES:

Test pit approximately 10 feet long. Excavated to 3½ feet where groundwater was encountered.

Soil backfilled into trench within respective location from which it was excavated.

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

	Y	N
PI Meter	(Y)	N
Explosive Gas	Y	(N)
Avail. Oxygen	Y	(N)
OVA	Y	(N)
Other		

Photogoraphs, Roll None

Exposure None

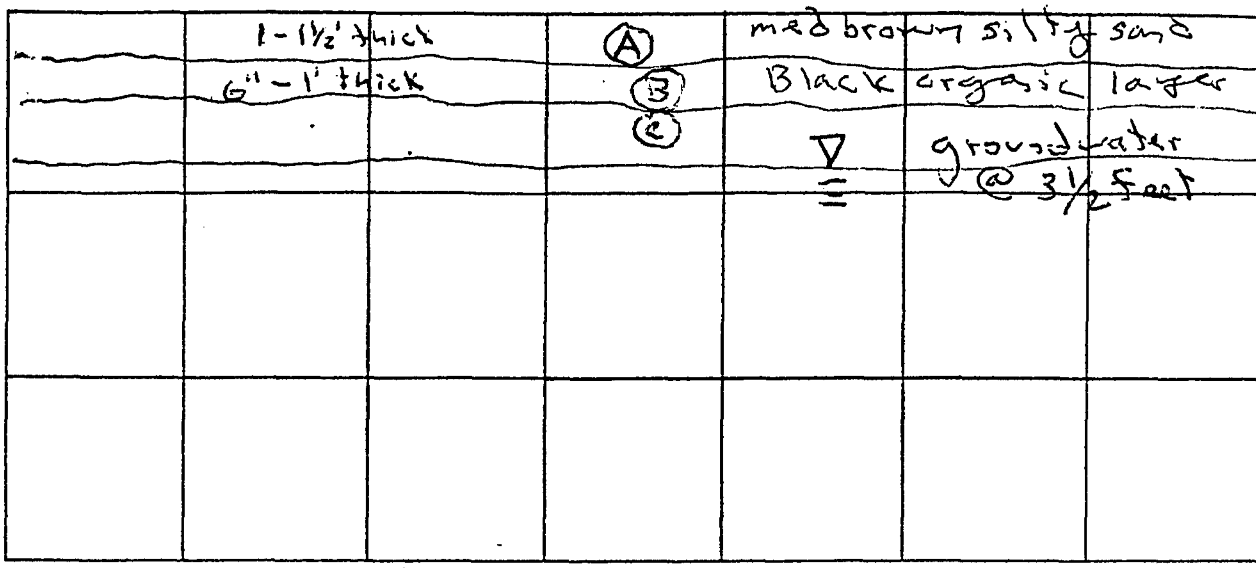
TEST PIT RECORD

Profile Along Test Pit: 57E-95-19X

Site: AOC 57

Typical all walls

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal

DEPTH (FT). 3½ ft

NOTES:

(A) silty sand; poorly graded 20-25% fines; very dry (dusty) very loose; Medium brown; SM numerous roots

(B) Black layer; no noticeable septic or fuel odor. PID = 0.0ppm; soil very cohesive; very moist.

(C) Medium sand; poorly graded; very wet. Sample collected above water level; loose; light to yellowish brown; SP

soil type

	no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Lab
A	S-1	EX571900	0-1'	0 ppm	on-site
B	S-2	EX571902	2'	0 ppm	on & off
C	S-3	EX571903	3'	0 ppm	on-site
	S-4				
	~~S-5~~				
	~~S-6~~				
	~~S-7~~				
	~~S-8~~				

REFERENCE: FIELD BOOK, Pg. 18-19

ATTACHMENTS None

SIGNATURE: R.P. Jackson

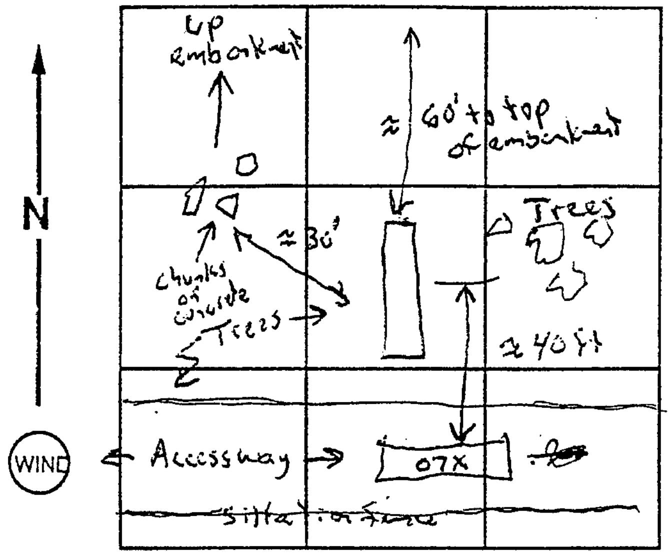
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02 2 of 2

Test Pit 57E-95-20X Date 9-21-95 Time 13:00 End 15:30

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	(N)
Avail. Oxygen	Y	(N)
OVA	Y	(N)
Other		

Photogoraphs, Roll None

Exposure None

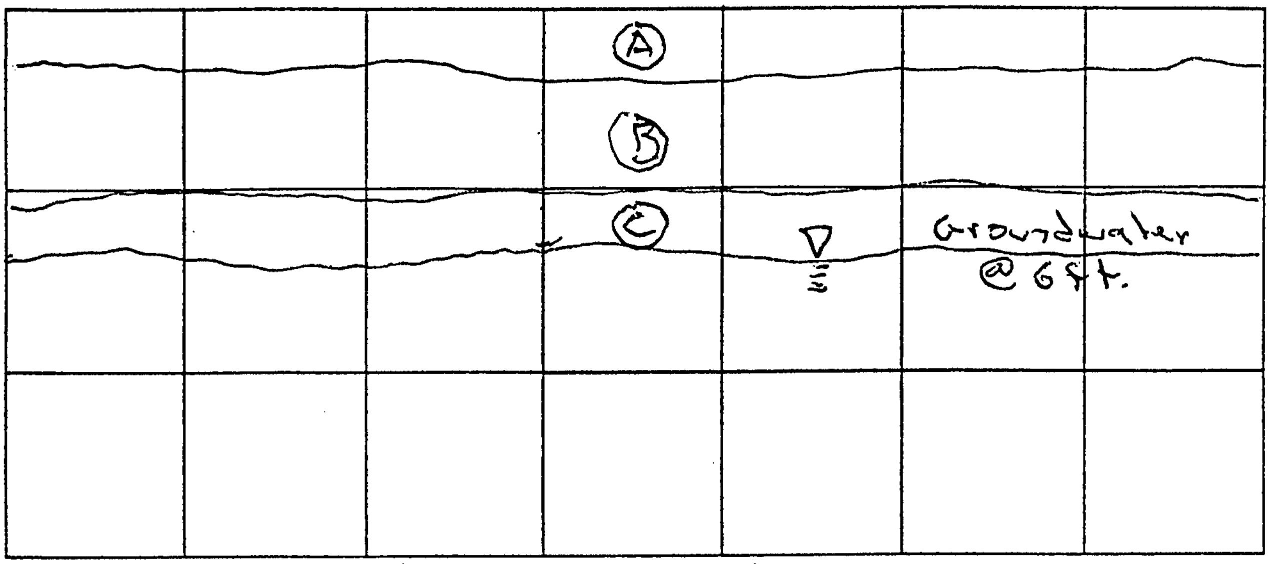
NOTES: Test pit approximately 10 feet long. Excavated to 6 ft where groundwater was encountered. Top 5 feet of material seems to be fill material. (charcoal broquets found at least 2 ft below grade.

No black organic layer was observed.

TEST PIT RECORD

Profile Along Test Pit: 57E-95-20X
Site: AOC 57

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal
DEPTH (FT). 6 ft to groundwater

NOTES:

(A) medium to fine sand; poorly graded; very dry; very loose; light brown; SP

(B) medium sand; well graded; 5% to 10% fines, 5-10% gravel some cobbles up to 6" diameter The broquets (see below) are believed to be from this level; damp; loose; dark brown; SW

(C) medium w/ some coarse sand; poorly graded; very wet loose; light to yellowish brown; SP

Approx 8 objects shaped like charcoal broquets were noted within the excavated material

Note: No black organic layer was noted in this pit

Soil type — Lab

Soil type	no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Lab
A	S-1	EX572000	0-1'	0 ppm	on-site
B	S-2	EX572003	3'	0 ppm	on-site
C	S-3	EX572005	5'	0 ppm	on+off
	~~S-4~~				
	~~S-5~~				
	~~S-6~~				
	~~S-7~~				
	~~S-8~~				

REFERENCE: FIELD BOOK, Pg. 19

ATTACHMENTS None

SIGNATURE: [signature]

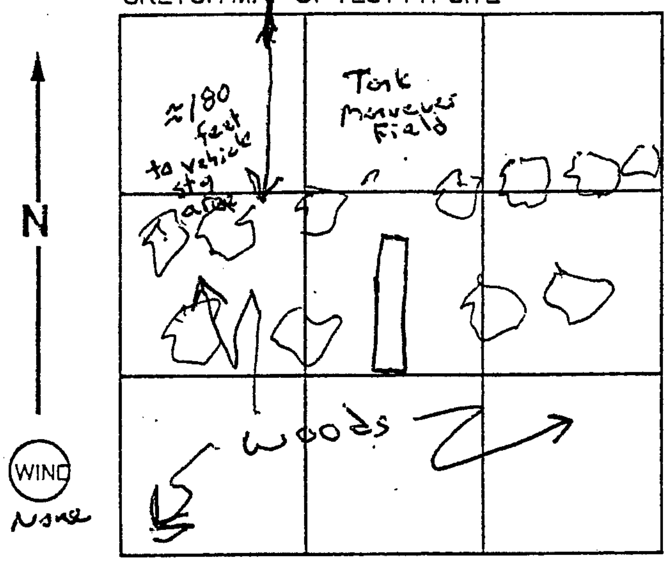
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-21X Date 9-22-95 Time 08:00 End 9:10

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

NOTES: Test pit approximately 10 ft long. Approximately 3 to 4 ft appears to be fill. Debris such as bricks, nails, ash, glass, iron were noted. Green light powdery material surrounding the chunk of what appeared to be metal was collected and sampled. Below four feet was clean medium to fine sand. Excavation went to 10 ft. No groundwater was encountered

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y) circled	N
Explosive Gas	Y	(N) circled
Avail. Oxygen	Y	(N) circled
OVA	Y	(N) circled
Other		

Photogoraphs, Roll None

Exposure None

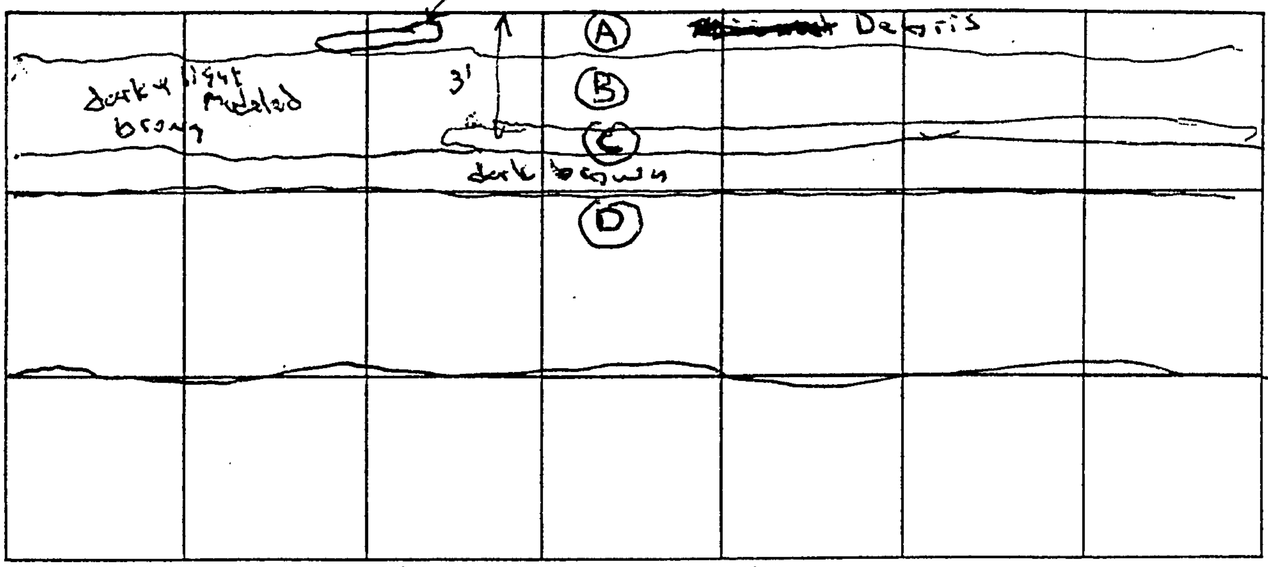
TEST PIT RECORD

Profile Along Test Pit: 57E-95-21X EPIC 1 TP 4

Site: AOC 57

West wall (typical of all walls)

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal

DEPTH (FT). 10 ft

NOTES:

(A) Ash, some charcoal; silty sand dark brown; nails; steel strapping (2 pieces) 2 small boards (6"x10"x1/4") pipe (4 ft long); pepsi bottle

(B) Medium sand / poorly graded damp; light brown; trace of silt; contains some debris (nails, metal)

(C) Layer of cinders, ash, brick glass, nails; iron object found with light green material surrounding it. This green material was sampled.

(D) Medium to fine sand; trace of fines dry; ~~RDJ~~ loose; light brown to ~~orang~~ orange brown; Appears to be native material.

soil type

no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM
(A) S-1	EF572100	0-1'	0 ppm
(C) S-2	EX572103	3'	0 ppm
(D) S-3	EF572106	6'	0 ppm
S-4	EF572110	10'	0 ppm
(D) S-5			
~~S-6~~			
~~S-7~~			
~~S-8~~			

REFERENCE: FIELD BOOK, Pg. 20

ATTACHMENTS None

SIGNATURE: RD Jud[illegible]

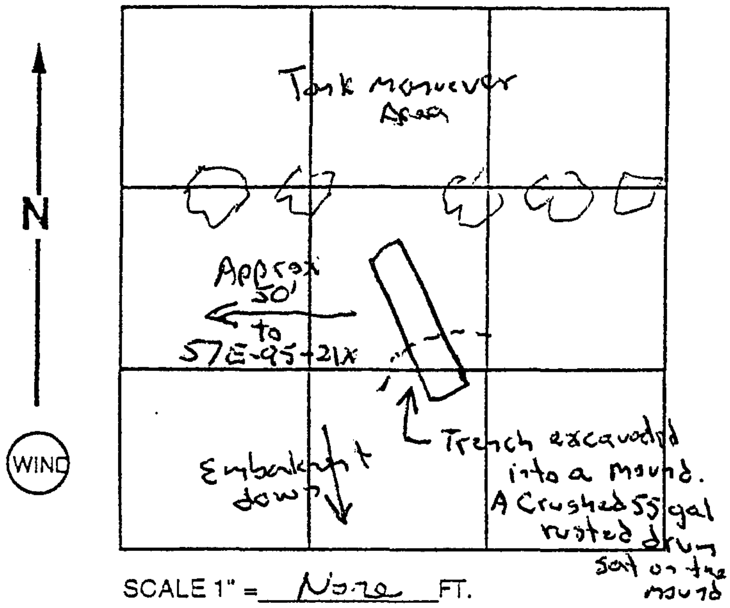
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-22X Date 9-22-95 Time 9:20 End 10:10

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

NOTES: Test pit approximately 10 ft long. Trench excavated partly into a small mound (approx 20ft high) at the edge of the embankment. A crushed rusted 55 gallon drum sat on top of this mound on the ground surface. Pit excavated to about 10 ft bgs. No groundwater encountered. The top approximately 4 to 5 foot layer appears to contain some debris (brick, ash, glass, nails)

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y) N
Explosive Gas	Y (N)
Avail. Oxygen	Y (N)
OVA	Y (N)
Other	

Photogoraphs, Roll None

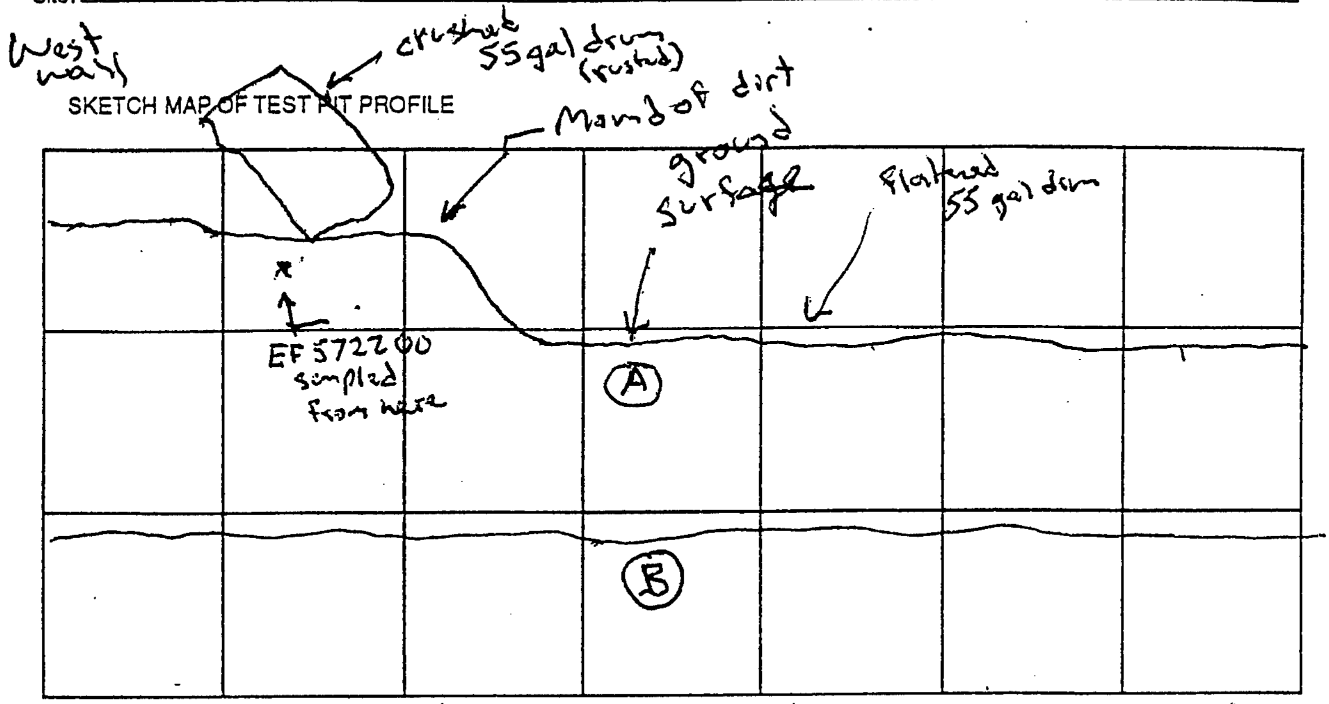
Exposure None

TEST PIT RECORD

Profile Along Test Pit: 57E-95-22X EPIC 1 TP-3

Site: AOC 57

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal

DEPTH (FT). 10

Bottom of Excavation
No groundwater encountered

NOTES:

(A) silty sand; well graded; 15 to 20% fines; very loose; very dry; dark brown; SM; appears to be fill material containing some pieces of brick coal; 3 bottles, chunks of pavement, some ash.

(B) clean medium to fine sand; poorly graded; 5-10% fines; very loose; very dry; SP.

No groundwater encountered

no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM
S-1	EF572200	0-1'	0 ppm
S-2	EF572204	4'	0 ppm
S-3	EF572210	10'	0 ppm
~~S-4~~			
~~S-5~~			
~~S-6~~			
~~S-7~~			
~~S-8~~			

REFERENCE: FIELD BOOK, Pg. 20

ATTACHMENTS None

SIGNATURE: RD Jacobs

TEST PIT RECORD

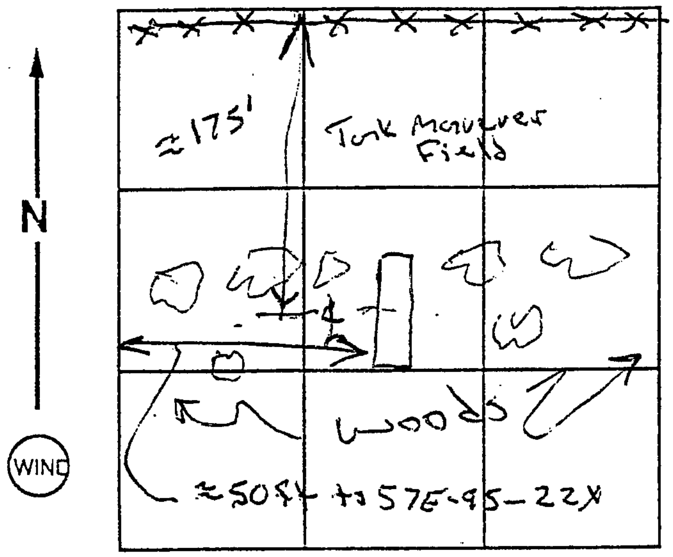
Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-23X Date 9-22-95 Time 10:30 End 10:50

Coordinates

Equipment & Vehicle Stg Yard

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

	Y	N
PI Meter	(Y)	N
Explosive Gas	Y	(N)
Avail. Oxygen	Y	(N)
OVA	Y	(N)

Other

Photogoraphs, Roll None

Exposure None

NOTES:

Test pit approximately 10 ft. long. Excavated to approximately 10 ft. No groundwater encountered. Some debris found in the top 5 ft. of soil.

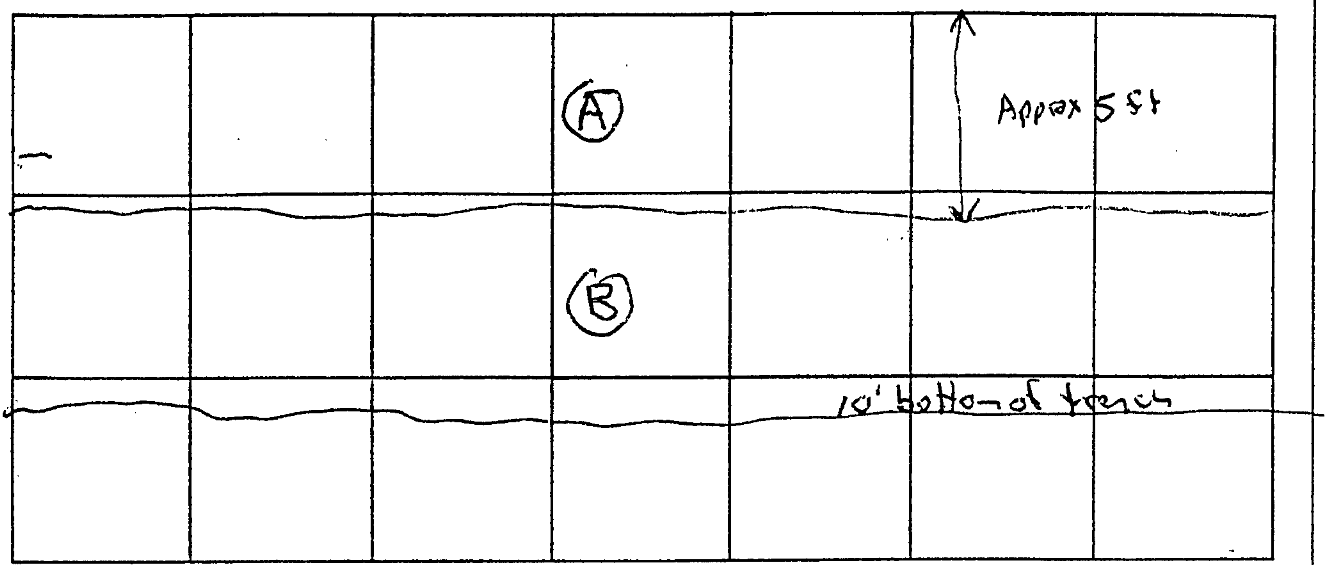
TEST PIT RECORD

Profile Along Test Pit: 57E-95-23X EPIC TP-2

Site: AOC 57

Typical all walls

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal

DEPTH (FT). 10 ft

NOTES:

(A) Silty sand; well graded; 15-20% fines; very loose; very dry; dark brown; SM
Soil contains some debris: 20 inch bolt; vehicle gear; metal strapping; some charcoal

(B) Clean medium to fine sand; poorly graded; 5-10% fines; very loose dry to damp with depth; SP

No groundwater encountered

no.	Sample Number	Depth (Ft) 0-1'	HD. SP. VOA PPM
S-1	EF572300	(4')	0 ppm
S-2	EF572304	4'	0 ppm
S-3	EF572310	10'	0 ppm
S-4			
S-5			
~~S-6~~			
~~S-7~~			
~~S-8~~			

REFERENCE: FIELD BOOK, Pg. 21

ATTACHMENTS None

SIGNATURE: [signature]

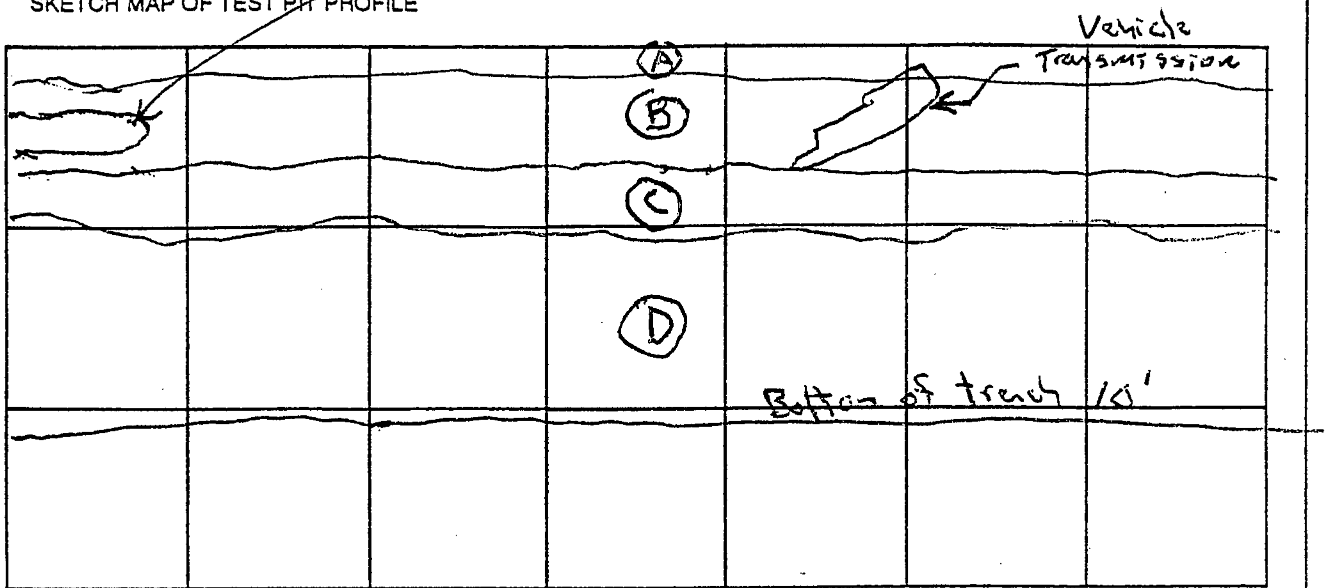
TEST PIT RECORD

Profile Along Test Pit: 57E-95-24X EPIC TP-1

Site: AOC 57

East wall (Typical of all walls) Pocket of coal at N. end of trench approx 2-2½ ft down

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal
DEPTH (FT). 10 ft

NOTES:

(A) ≈ 6" vegetative topsoil

(B) Silty sand; well graded; 10-15% fines w/ 5% gravel; dry; loose; dark brown; SM; appears to be fill material; pocket of coal found at north end of trench approximately 1½ to 2½ ft down. A vehicle transmission was found in this zone as well.

(C) Same or similar soil as above (B) except darker in color and had an fuel oil smell. Sample collected

(D) Medium sand decreasing to fine sand with depth.

→ Gasoline odor detected; poorly graded; damp; loose; yellowish brown changing to grey with depth

	no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM
(A+B)	S-1	EF572400	0-1'	0 ppm
(C)	S-2	EX572404	4'	19 ppm
(D)	S-3	EX572407	7'	48 ppm
(D)	S-4	EX572410	10'	29 ppm
	~~S-5~~			
	~~S-6~~			
	~~S-7~~			
	~~S-8~~			

gasoline odor

oily odor

REFERENCE: FIELD BOOK, Pg. 21

ATTACHMENTS None

SIGNATURE: [signature]

EPIC TP-1

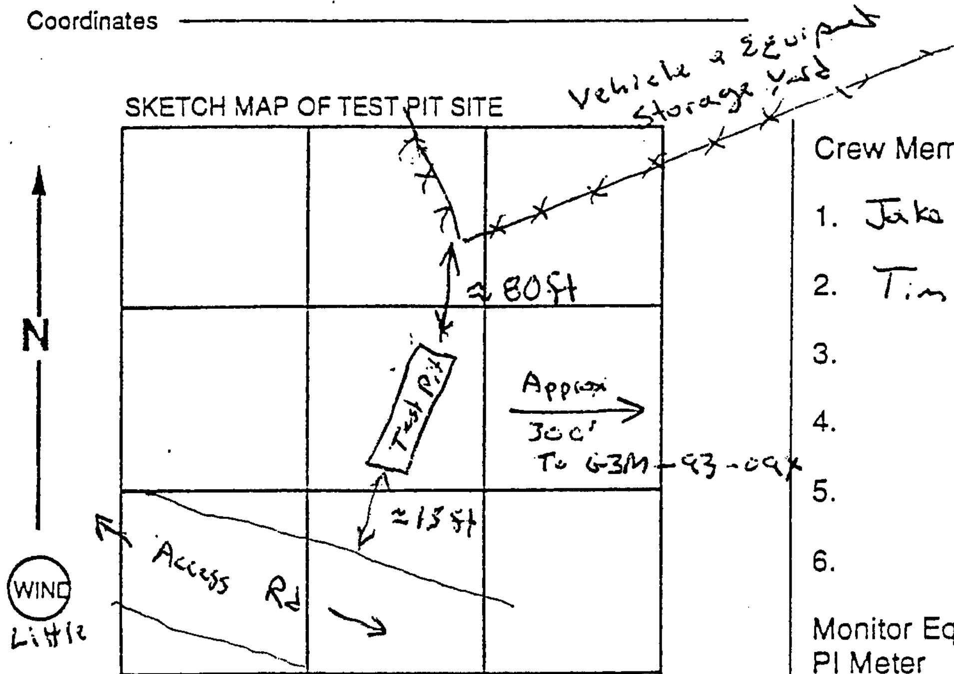
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-24X Date 9-22-95 Time 11:15 End 12:00

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y) N
Explosive Gas	Y (N)
Avail. Oxygen	Y (N)
OVA	Y (N)
Other	

Photogoraphs, Roll None

Exposure None

NOTES:

Test pit approximately 10 foot long. Vehicle transmission found in the top 2 to 3 foot layer.

A pocket of coal was found in the north end of the pit approximately 2 foot ~~long~~ thick, 1 foot long. ROJ.

An approximate 6" to 1 ft thick layer of soil with fuel odor was found at approximately 4 ft below grade. Medium sand (native mat'l) below approximately 5 ft. had a gasoline odor. PID ≈48ppm (head space)

ABB Environmental Services, Inc.

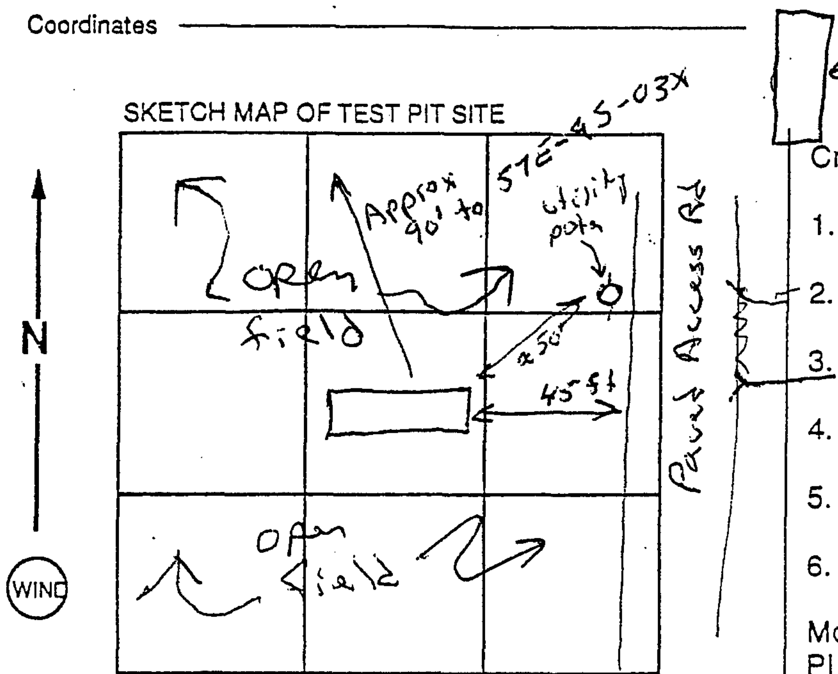
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-25X Date 9-22-95 Time 13:20 End 14:15

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	(N)
Avail. Oxygen	Y	(N)
OVA	Y	(N)
Other		

Photogoraphs, Roll None

Exposure None

NOTES:

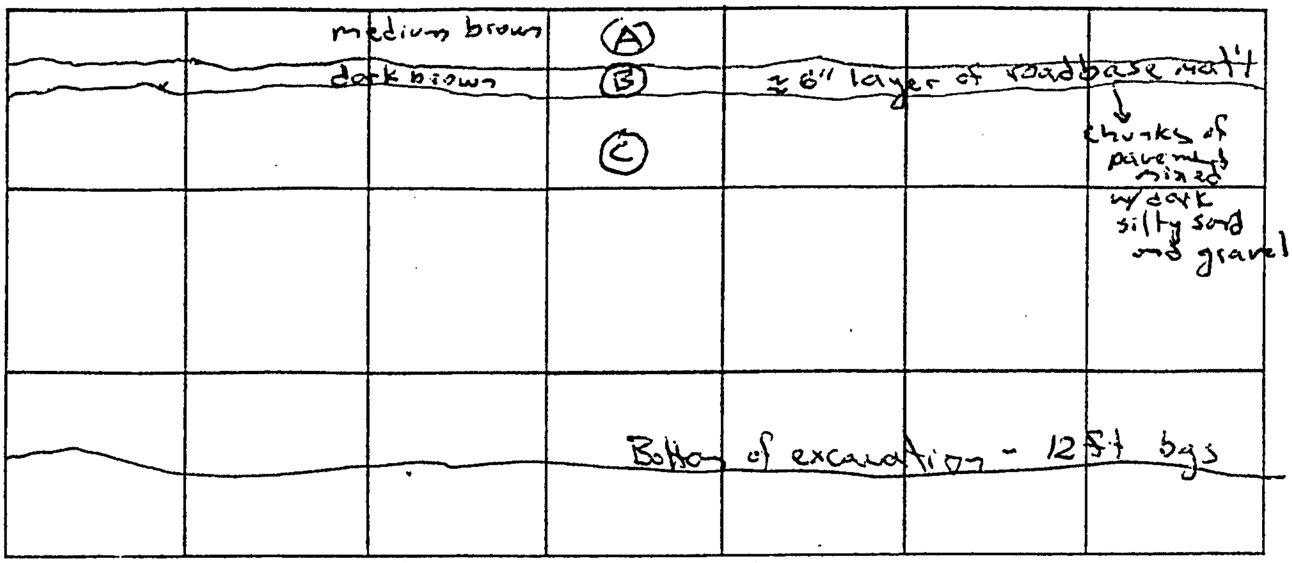
Test pit approximately 10 feet long. Excavated down to 12 feet bgs. No groundwater encountered

TEST PIT RECORD

Profile Along Test Pit: 575-95-25X

Site: AOC 57

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT vertical; 1" = 1' horizontal

DEPTH (FT). 12 ~~ftm~~

NOTES:

(A) Silt, sand well graded; 10-15% fines; 5-10% gravel; dry to damp; loose; ~~dark~~ medium brown; SM

(B) Road base material with pieces of pavement and dark brown (darker than (A)) silty sand w/ gravel

(C) Medium sand; poorly graded, damp; loose; brown turning to gray with depth

	no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM
(A)	S-1	EX572500	0-1'	0 ppm
(B)	S-2	EX572502	2'	0 ppm
(C)	S-3	EF572512	12'	0 ppm
	S-4			
	~~S-5~~			
	~~S-6~~			
	~~S-7~~			
	~~S-8~~			

REFERENCE: FIELD BOOK, Pg. 22

ATTACHMENTS None

SIGNATURE: [signature]

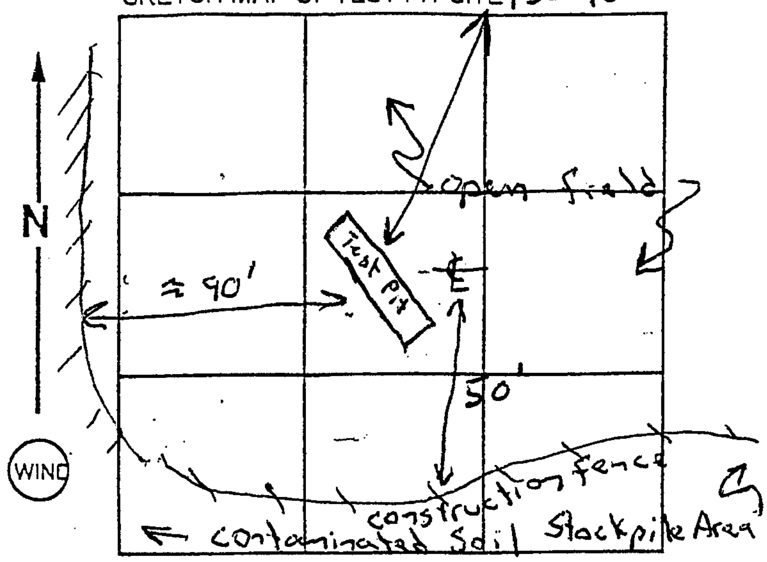
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-26X Date 9-22-95 Time 14:20 End 15:20

Coordinates

SKETCH MAP OF TEST PIT SITE ≈150' to 57E-95-03X



SCALE 1" = None FT.

NOTES:

Test pit approximately 10 ft long. Excavated down to 11 feet. No groundwater encountered.

A thin (1 to 2" thick layer) lense of what appears to be coal ash & coal cinders is present at the approximate 1½ foot level.

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	(N)
Avail. Oxygen	Y	(N)
OVA	Y	(N)
Other		

Photogoraphs, Roll None

Exposure None

ABB Environmental Services, Inc.

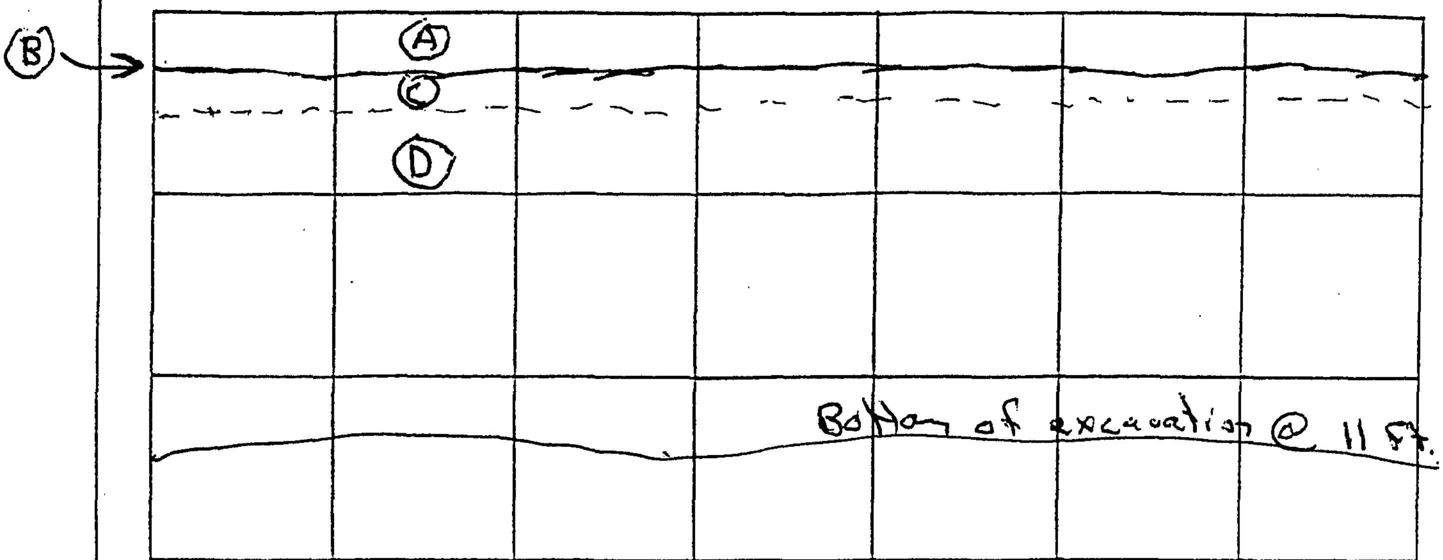
TEST PIT RECORD

Profile Along Test Pit: 57E-95-26X

Site: AOC 57

Typical Profile - All walls

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal
DEPTH (FT). 11 ft

NOTES:

(A) Silty sand; well graded; 10-15% fines w/ 5-10% gravel; dry; loose; medium brown; SM

(B) Thin (1" to 2" thick layer) of coal ash; cinders

(C) Silty sand well graded; 15-20% fines w/ 5-10% gravel; dry loose; light brown; SM

(D) Clean medium sand; poorly graded; damp; loose; yellowish brown to gray with depth; SP

no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Lab
S-1	EF572600	0-1'	0ppm	on...e
S-2	EX572605	5'	0ppm	off-site
S-3	EF572611	4'	0ppm	on-site
S-4				
S-5				
S-6				
S-7				
S-8				

REFERENCE: FIELD BOOK, Pg. 22

ATTACHMENTS None

SIGNATURE: [signature]

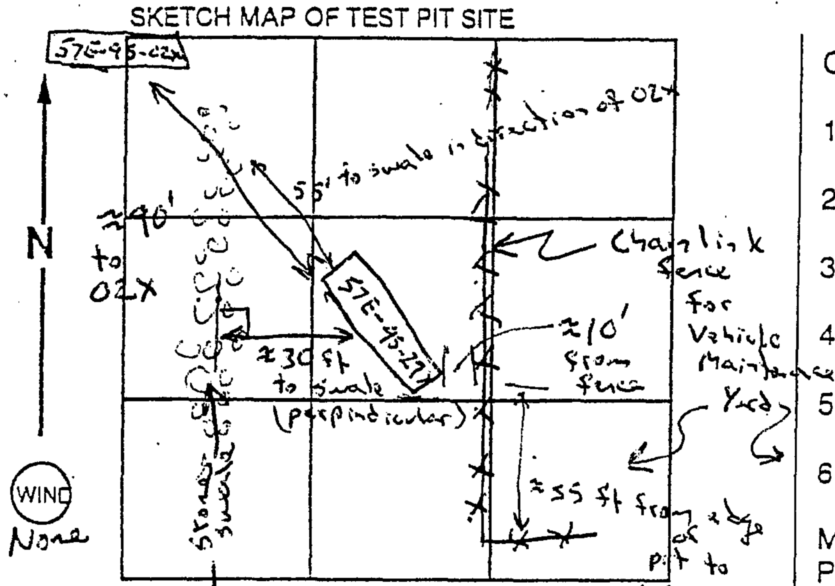
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-02

Test Pit 57E-95-27X Date 9-25-95 Time 10:00 End 10:40

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = None FT.

NOTES: Excavation approximately 10 ft. long and 12 ft deep. No groundwater encountered

Crew Members:

1. Jake Jacobson (ABB-ES)
2. Tim Slager (ENPRO)
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y) N
Explosive Gas	Y (N)
Avail. Oxygen	Y (N)
OVA	Y (N)
Other	

Photographs, Roll None

Exposure None

TEST PIT RECORD

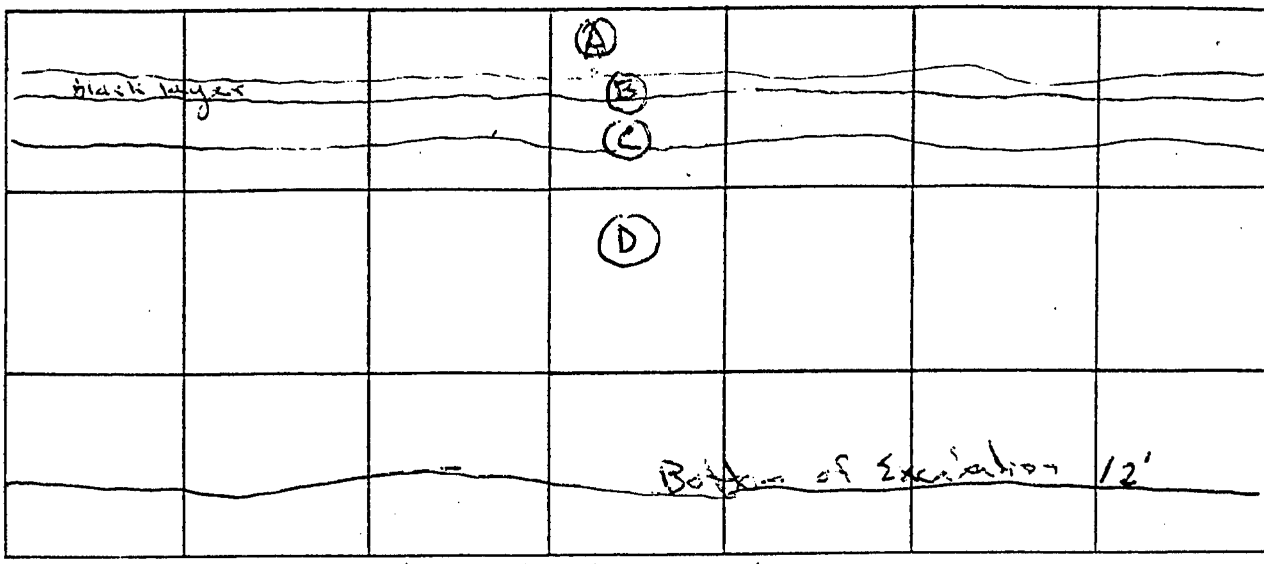
Profile Along Test Pit: 57E-95-27X

Site: AOC 57

Typical all walls

SKETCH MAP OF TEST PIT PROFILE

≈3"



SCALE 1" = 5 FT. vertical; 1" = 1' horizontal

DEPTH (FT). 12'

NOTES:

(A) Silty sand; well graded; 10-15% fines w/ 5-10% gravel; dry; loose; medium brown; SM

(B) Thin (≈3" thick layer) of dark brown to black soil - may contain some coal ash. No cinders evident.

(C) Silty sand well graded; 15-20% fines w/5-10% gravel; loose; damp; light brown to reddish brown; SM

(D) Clean medium sand; poorly graded; trace of gravel; tan to yellowish brown; SP; wet.

no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Lab
S-1	EF572700	0-1'	0 ppm	on-site
S-2	EF572702	1.5'	0 ppm	on-site
S-3	EX572712	12'	0 ppm	on + off-site
S-4				
S-5				
S-6				
S-7				
S-8				

REFERENCE: FIELD BOOK, Pg. 24

ATTACHMENTS None

SIGNATURE: [signature]

No groundwater encountered

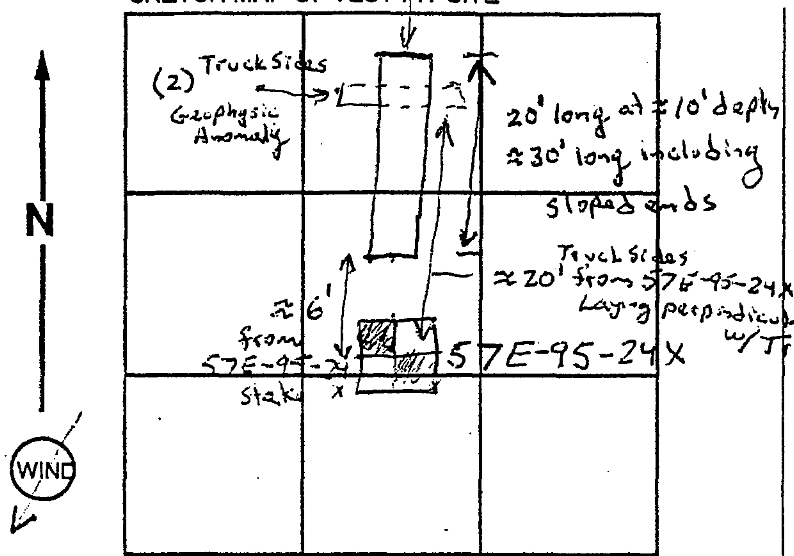
TEST PIT RECORD

Site: AOC 57 Client: AEC Project No.: 9144-08

Test Pit 57E-96-28X Date 9-18-96 Time 13:30 End 15:45

Coordinates ≈90'

SKETCH MAP OF TEST PIT SITE



SCALE 1" = No Scale FT.

Crew Members:

1. Jacobson/ABB
2. Slater/Enpro
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y) circled	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N
Other		

Photographs, Roll None

Exposure DNA

NOTES:

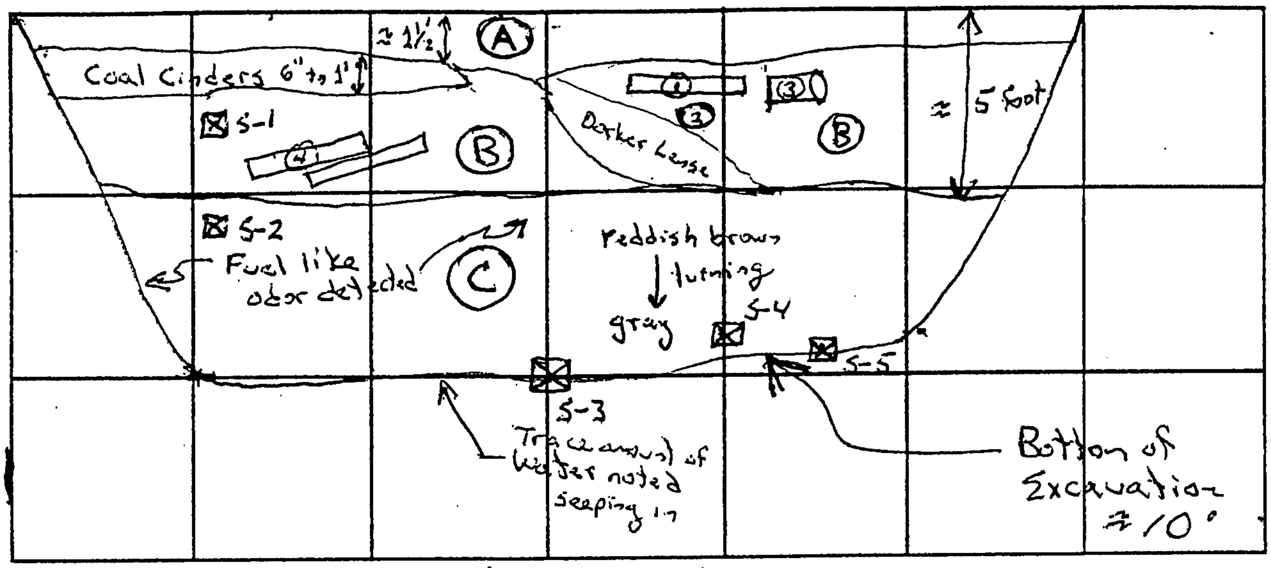
Geophysical anomaly reported earlier was found to be two truck sides to a truck bed ≈ 12' long ≈ 1½' wide made of steel. See pg 2. Other metal debris noted.

TEST PIT RECORD

Profile Along Test Pit: 57E-96-28X
Site: AOC-57

WEST WALL*

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" = 5' FT. 1 Block = 5' horiz & vertical
DEPTH (FT). 10'

NOTES:

3 General Soil Layers

(A) Silty Sand; poorly graded; 15-20% fines; dry; loose; light tan; SM

Fill Mat'l → (B) Well graded sand; 10% fines; damp; Medium brown; medium dense; SW-SM some trace gravel (5%); dark brown with lenses of dark brown soil. Debris noted: (1) Geophysics Anomally was (2) 12' long x 1½' wide steel truck bed sides or tail gates
(2) Oil Filter
(3) 5 gal steel bucket
(4) 2"x8" Boards ≈ 4' to 5' long
Other debris noted - hack saw blade, rubber belts (fan) steel sheeting steel strapping, brick.

(C) Fine to Medium Sand; poorly graded; medium dense; reddish brown turning to gray w/depth; wet @ 10 ft.; SP

no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Soil Layer
S-1	EFX72803	3'	Bkgrd	B
S-2	EF572806	6'	146 ppm	C
** S-3	EF572810	10'	105 ppm	C
S-4	EF572808	8'	Bkgrd	C
S-5	EF572809	9'	Bkgrd	C
S-6				
S-7				
S-8				

REFERENCE: FIELD BOOK, Pg. 1-4

ATTACHMENTS None

SIGNATURE: [signature]

* Note: East ~~pro~~ wall profile similar except coal/cinder layer was not as evident.

** Off-site soil samples collected @ location S-3

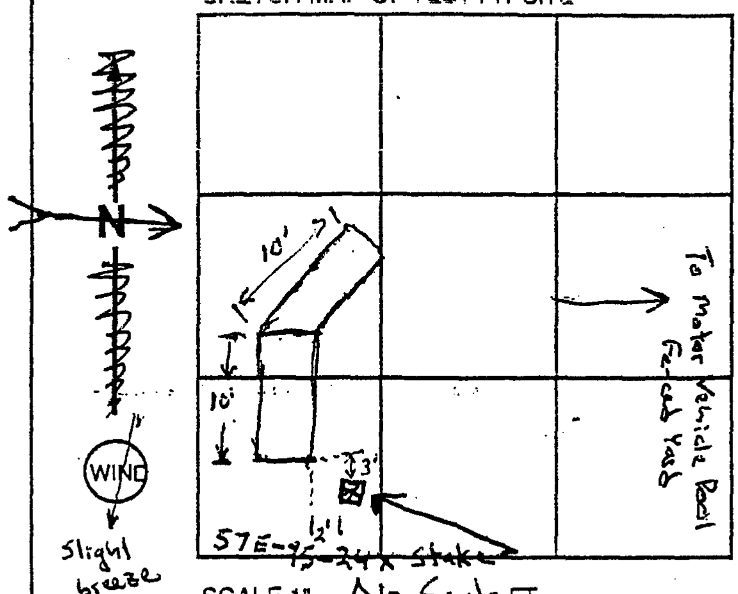
TEST PIT RECORD

Site: AOC 57 Client: USAEC Project No.: 9144-08

Test Pit 57E-96-29X Date 8-20-96 Time 8:45 End 11:20

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = No Scale FT.

Crew Members:

1. Jacobson/ABB
2. Slater /Enpro
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N

Other

Photogoraphs, Roll None

Exposure DNA

NOTES:

Test Pit 57E-96-29X dug west for 10 feet and then northwest for another 10 feet. Test pit depth was to approximately 10 ft bgs.

TEST PIT RECORD

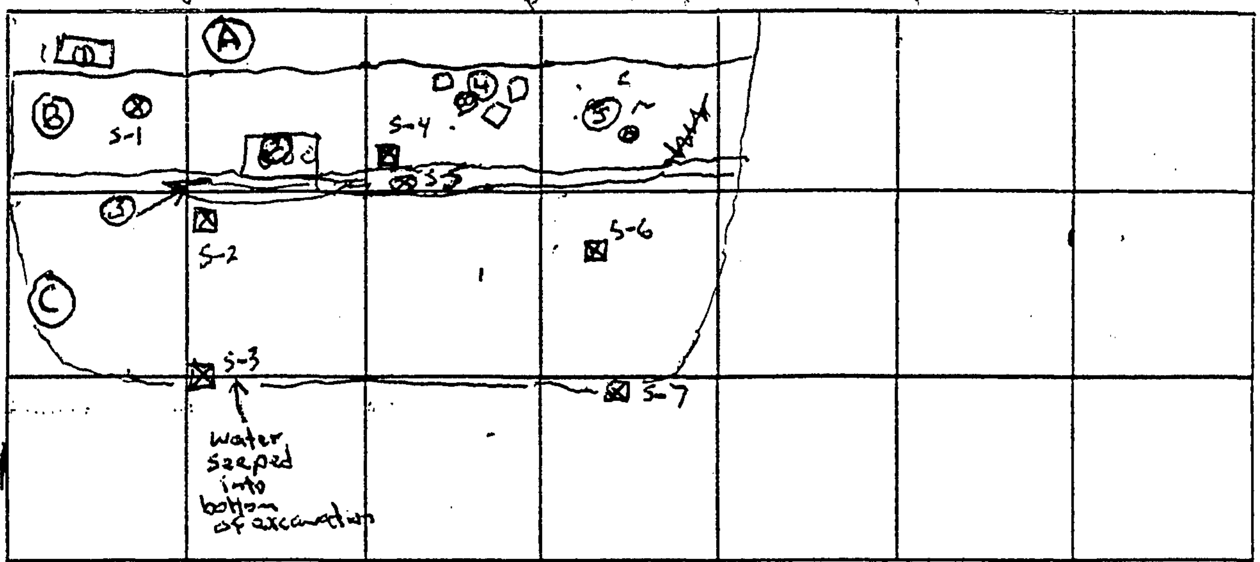
Profile Along Test Pit: 57E-96-29X

Site: AOC-57

SOUTH WALL (North wall similar)

SKETCH MAP OF TEST PIT PROFILE

0' BGS



≈3' East to 57E-95-24X

SCALE 1" (Block) = 5 FT. Horiz. & Vertical

DEPTH (FT).

3 Soil Zones Evident A, B, C

NOTES:

(A) Top Soil: Silty sand; poorly graded; 15% fines dry; loose; light tan; SM
 (1) Concrete debris

(B) Fill Material: well graded sand; 10% fines damp; medium brown; dense; debris:
 (2) Engine block
 (3) Below the engine block was an approximate 6" thick layer of sawdust with petroleum like odor. (PID from stockpile measured ≈ 13 ppm)
 Soil sample (S-2) collected below this lense.
 Sawdust Lense noted at west end
 (4) Concrete debris (broken slab)
 (5) Metal scraps, wire sieve

(C) Fine to medium sand; poorly graded; medium dense; reddish brown turning gray w/ depth; wet @ > 7 ft.; SP

	no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Soil Layer
	S-1	PID only	2'	Bkgrd	B
9:00	S-2	EF572905	5'	0.8	C
9:20	S-3	EF572910	10'	* 3.0 ppm	C
9:40	S-4	EF572904	4'	Bkgrd	B
10:00	S-5	** PID only	4½'	Bkgrd	Sawdust layer
10:10	S-6	EF572907	7'	Bkgrd	C
10:20	S-7	EF572911	11' (10½')	0.4 ppm	C

REFERENCE: FIELD BOOK, Pg. 5-8

ATTACHMENTS None

SIGNATURE: [signature]

* Septic odor noted from sample S-3; slight septic in S-7

** S-5 collected from the sawdust layer for PID headspace

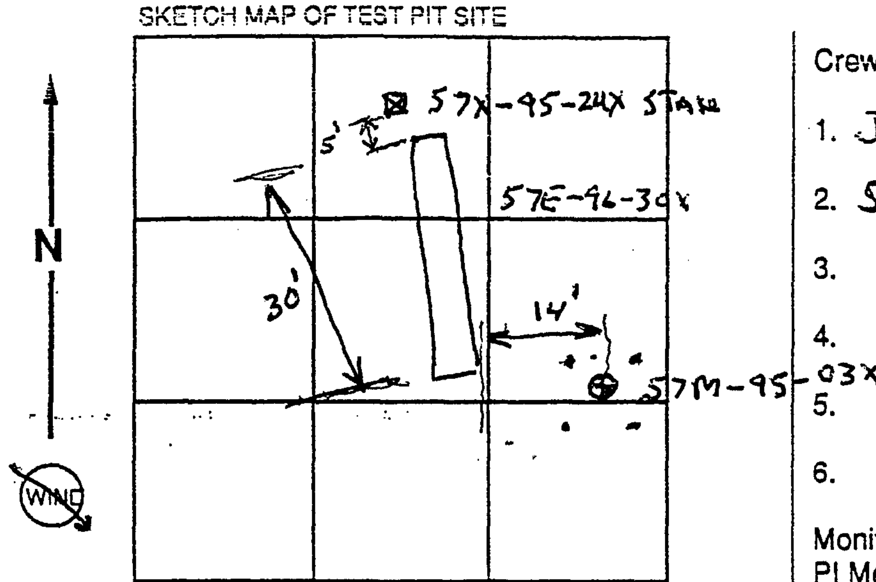
TEST PIT RECORD

Site: AOC 57 Client: USAEC Project No.: 9144-08

Test Pit 57E-96-30X Date 8-20-96 Time 13:15 End 15:45

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = No Scale FT.

Crew Members:

1. Jacobson/ABB
2. Slater /Enpro
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N
Other		

Photogoraphs, Roll None

Exposure DNA

NOTES:

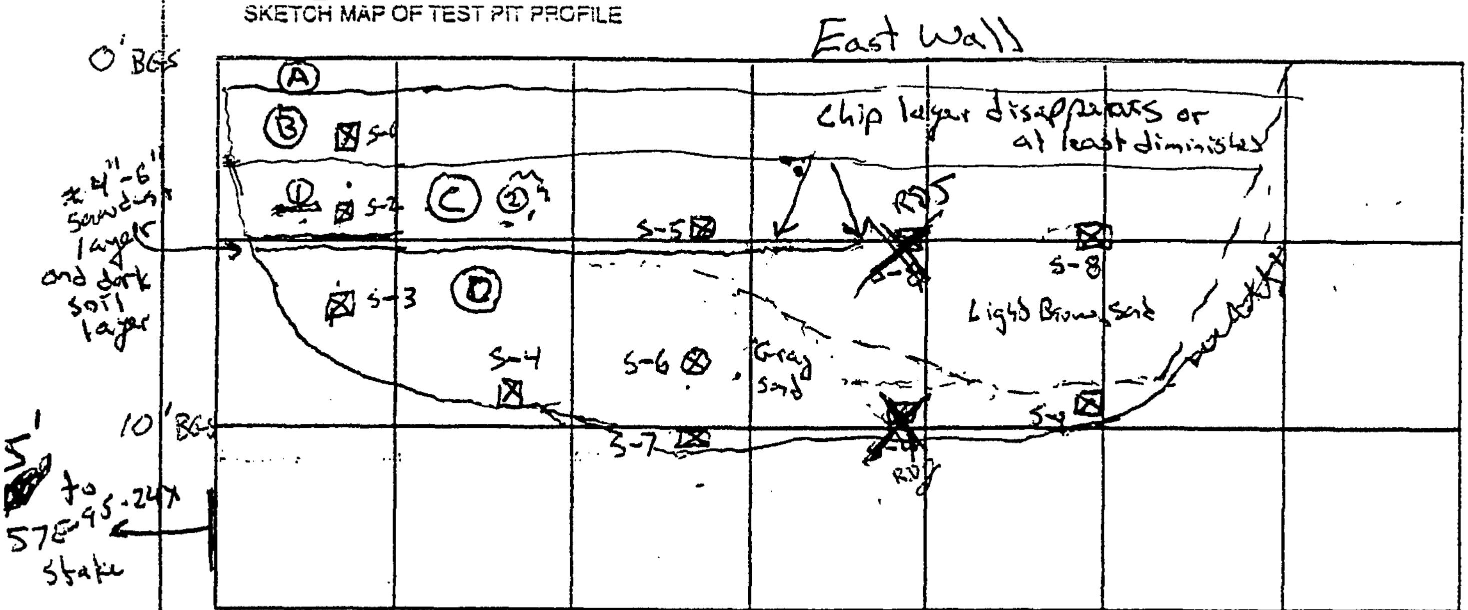
Trench excavated in a generally southern direction to assess extent of contamination. Visual and PID measurements indicating a diminishing in potential contamination seemed to occur approximately 25 feet from the 57X-95-24X stake. Contamination seemed to be most prevalent below a saw dust (wood chip) layer located at the approximat 5 ft bgs level.

Depth of test pit was ±10 feet bgs

TEST PIT RECORD

Profile Along Test Pit: 57E-96-30X
Site: AOC-57-30X

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" (Block) = 5 FT. Horiz. & Vertical
DEPTH (FT). 10-11 ft

NOTES:

(A) Top soil - silty sand; poorly graded; 20% fines
(B) Well graded sand; 10% fines; 5% gravels; med brown
(1) wood pieces ≈ 1 ft long above a sawdust layer
(2) metal debris (bolts + straps) noted.

(C) Fill layer; sand; well graded; 5% fines; damp; medium brown; w/ ~~brown~~ red dark lenses & debris

(D) Fine to medium sand; poorly graded; medium dense; gray until the last half (≈ 20 feet) from 57E-95-24X stake where it turned a light brown to reddish brown; SP

Time	no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	
13:25	S-1	EF573002	2	0 ppm	(B)
13:35	S-2	EF573004	4	4.1 ppm	RDJ (C)
13:40	S-3**	EF573006	6	~~59 ppm~~	18.2 ppm (D)
14:00	S-4	EF573009	9	22 ppm	(D)
14:15	S-5*	EF573005	5 (4½)	54 ppm	Dark layer
14:25	S-6	~~EF573008~~	8	120 ppm	(D)
	S-7	PID only			
14:35		EF573011	11 (10½)	12 ppm	(D)
14:50	S-8	EF573(?)	5	Bkgrnd	(D)
15:00	S-9	EF573009A	9	4.0 ppm	(D)

REFERENCE: FIELD BOOK, Pg. 9-10

ATTACHMENTS None

SIGNATURE: [signature]

* S-5 collected in Dark brown layer w/some wood chips

** S-3 Off-site lab sample EX573006 also collected from this location

Note: Sawdust layer had a petroleum like odor but did not exhibit significant PID levels above background (1 to 2 ppm)

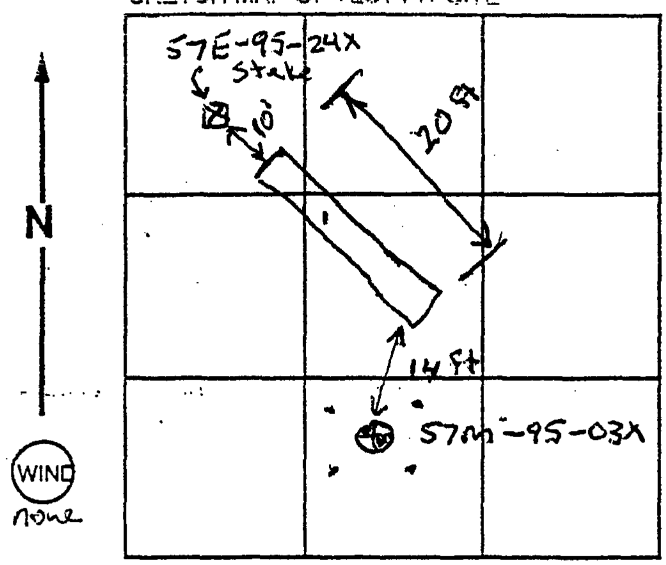
TEST PIT RECORD

Site: AOC 57 Client: USAEC Project No.: 9144-08

Test Pit 57E-96-31X Date 8-21 Time 8:55 End 10:45

Coordinates

SKETCH MAP OF TEST PIT SITE



SCALE 1" = No Scale FT.

Crew Members:

1. Jacobson/ABB
2. ~~Slater~~ Brett / Enpro
3. (ROSS)
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N
Other		

Photogoraphs, Roll None

Exposure DNA

NOTES:

Test Pit dug in a southeastward direction to define edge of contaminated area. Contamination appears to diminish approximately 25 feet southeast of the 57E-95-24X stake.

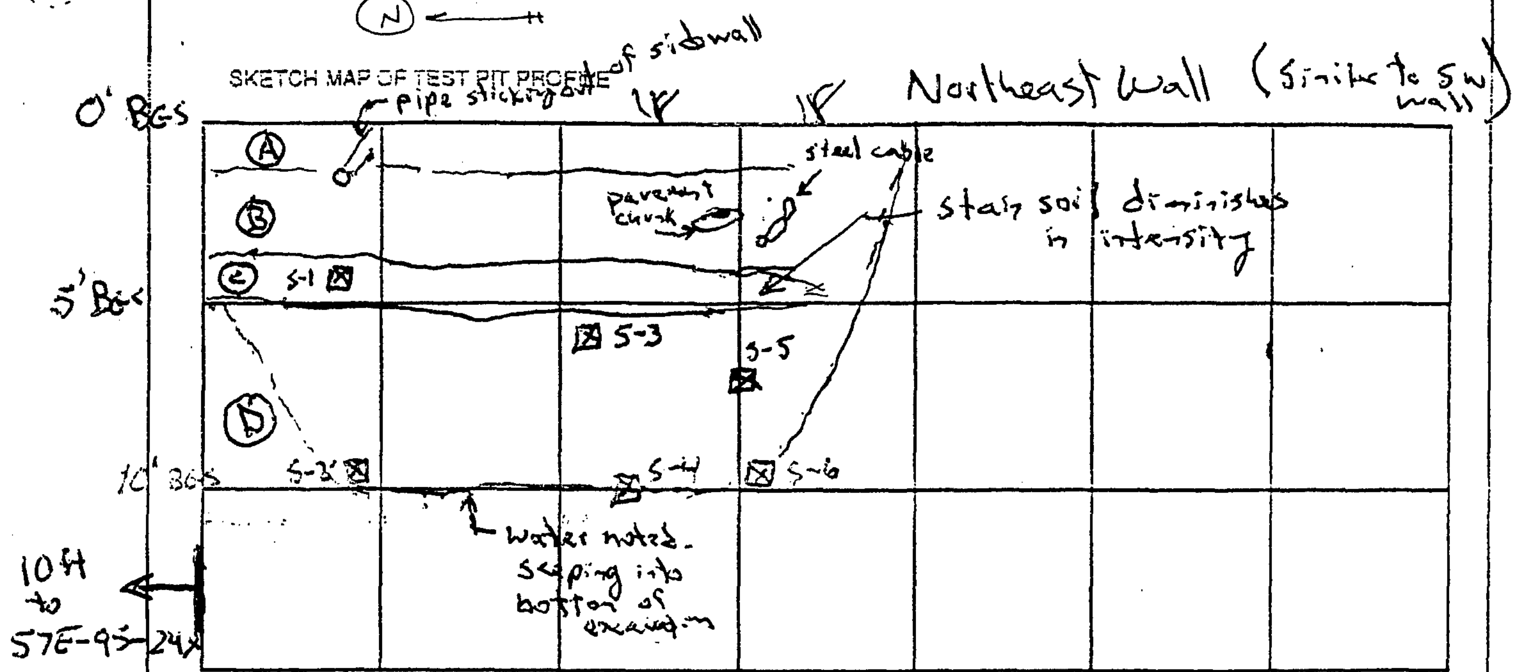
Depth of Test Pit = 10 ft.

TEST PIT RECORD

Profile Along Test Pit: 57E-96-31X

Site: AOC-57

SKETCH MAP OF TEST PIT PROFILE



SCALE 1" (Block) = 5 FT. Horiz. & Vertical

DEPTH (FT). 10 ft

NOTES:

(A) Top Soil - silty sand; poorly graded 15% fines; trace of ½" to 1" gravel; loose; dry; SM

(B) Fill Material - Misc. debris noted steel cable, pipes, sheet metal. well graded sand; medium to dark brown; loose; SW-SM

(C) Approx 1' thick layer of dark stained silty sand.

(D) Light brown sand - Fine to medium sand; poorly graded; medium dense reddish brown at lower depths then turning gray.

	no.	Sample Number	Depth (Ft.)	HD. SP. VOA PPM	Soil Layer
	S-1	EF573104	4'	102 ppm	C
	S-2	EF573109	9'	30 ppm	D
9:30	S-3*	EF573106	6'	4 ppm	D
4:45	S-4	EF573110	10'	152 ppm	
10:25	S-5	EF573107	7'	0.3 ppm	D
10:35	S-6	EF573108	9'	0.0 ppm	D
	~~S-7~~	9A			
	~~S-8~~	RDJ			

REFERENCE: FIELD BOOK, Pg. 11-14

ATTACHMENTS None

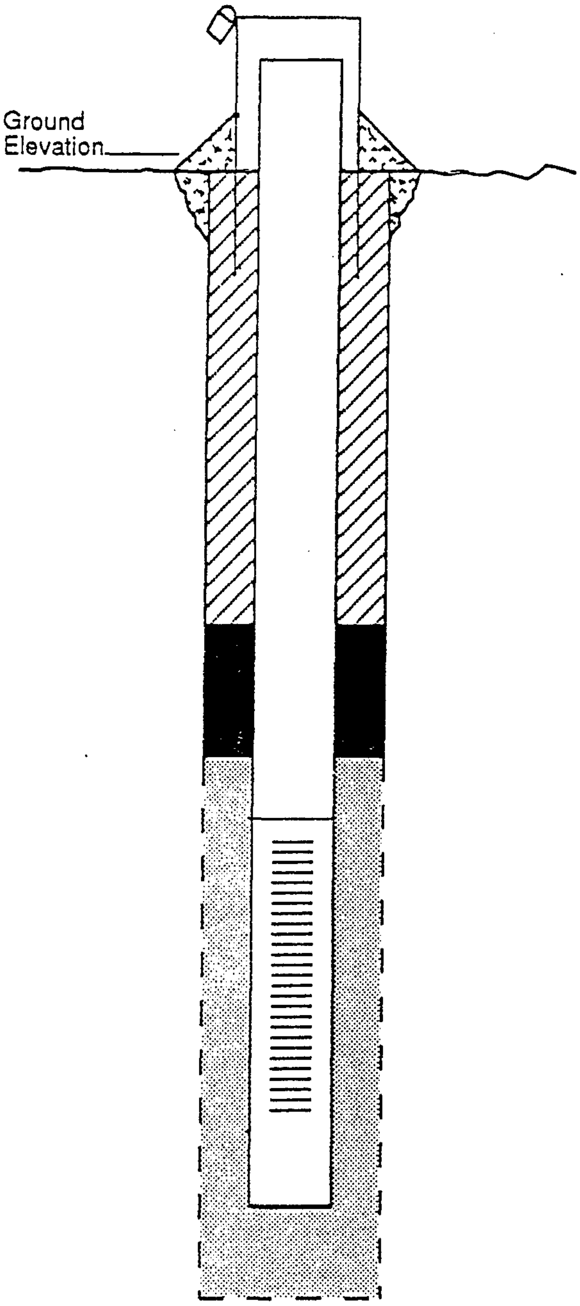
SIGNATURE: [signature]

* Off-site confirmatory sample collected at this location too. (See S-3)

MONITORING WELL AND PIEZOMETER CONSTRUCTION DIAGRAMS

MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens
Project No. 09144·02
Study Area AOC 57
Boring No. 57M-95-01X
Date Installed 9/22/95
Driller K. REGAN (D.L. MAHER)
Drilling Method H.S.A. (6 5/8" ID) GJM
Development Method Dedicated submersible pump GJM
Field Geologist G. GULSETH



Stick-up of Casing Above Ground Surface: 2.54 FEET

Type of Surface Seal/ Other Protection: gravel pad GJM

Type of Surface Casing: PROCOVER

ID of Surface Casing: 6 INCH

Diameter of Borehole: 10 INCH

Riser Pipe ID: 4 INCH

Type of Riser Pipe: SCH 40 PVC

Type of Backfill: BENTONITE GROUT

Depth of Top of Seal: 8 FEET (bgs)

Type of Seal: BENTONITE PELLET

Depth of Top of Sand: 13 FEET (bgs)

Depth of Top of Screen: 19 FEET (bgs)

Type of Screen: SCH 40 PVC

Slot Size x Length: 0.010 INCH - 10 FEET

ID of Screen: 4 INCH

Type of Sandpack: #00 (20-40) SAND GJM

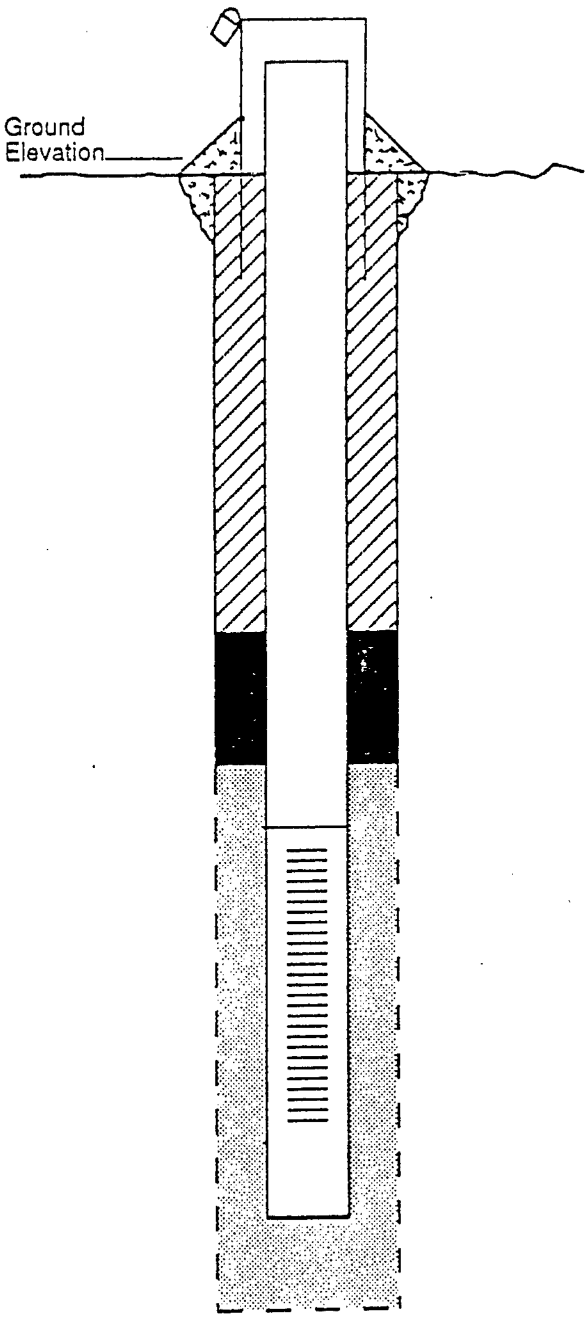
Depth of Bottom of Screen: 29 FEET (bgs)

Depth of Sediment Sump with Plug: N/A

Depth of Bottom of Borehole: 29 FEET

MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens
Study Area AOC 57
Driller D.L. MAHER — B. Burns
Project No. 9144-02
Boring No. 57M-95-02X
Drilling Method 6¼"(ID) HSA
Date Installed 9-29-95
Development Method Dedicated Salom. pum (SM)
Field Geologist S. Montgomery



Stick-up of Casing Above Ground Surface: 2.65'

Type of Surface Seal/ Other Protection: gravel pad

Type of Surface Casing: steel

ID of Surface Casing: 6"

Diameter of Borehole: 0.9 ft

Riser Pipe ID: 4"

Type of Riser Pipe: Schedule 40 PVC

Type of Backfill: ~~20-40 silica sand~~ (SM 9/29/95) Type I-II Portland cement + Volclay w/ 4% solid grout

Depth of Top of Seal: 4'

Type of Seal: ¼" bentonite pellets

Depth of Top of Sand: 9'

Depth of Top of Screen: 14'

Type of Screen: Schedule 40 PVC

Slot Size x Length: 0.010" machine slot x 10'

ID of Screen: 4"

Type of Sandpack: 20-40 silica sand

Depth of Bottom of Screen: 24'

Depth of Sediment Sump with Plug: ~~1'~~ N/A (SM)

Depth of Bottom of Borehole: 25'

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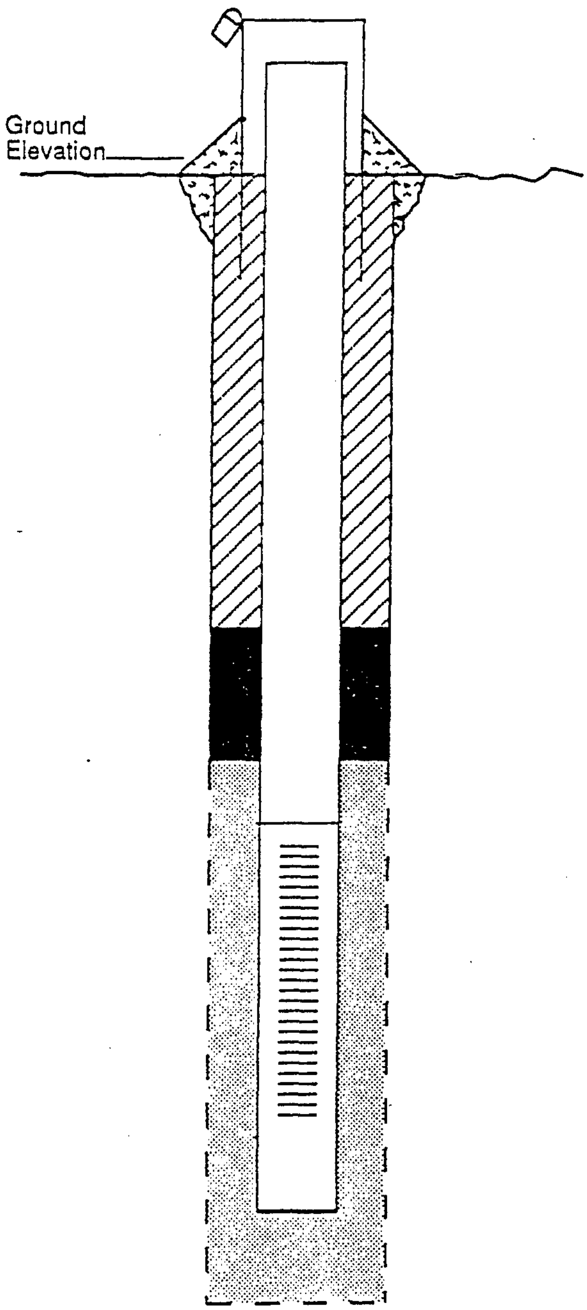
MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens
Study Area AOC 57
Driller D.L. Maher — B. Burns
Project No. 9144-02
Boring No. 57M-95-03X
Drilling Method 6 1/2" (ID) HSAs
Date Installed 10-3-95
Development Method ~~dedicated submersible~~ submersible pump (SM)
Field Geologist S. Montgomery



Stick-up of Casing Above Ground Surface: ~~3'~~ 2.90' (SM)

Type of Surface Seal/ Other Protection: gravel pad

Type of Surface Casing: steel, above grade

ID of Surface Casing: 6"

Diameter of Borehole: 0.9'

Riser Pipe ID: 4"

Type of Riser Pipe: Schedule 40 PVC

Type of Backfill: Type I-II Portland cement + Volclay grout

Depth of Top of Seal: 3'

Type of Seal: 1/4" bentonite pellets (Volclay/Pure Gold)

Depth of Top of Sand: 5'

Depth of Top of Screen: 7'

Type of Screen: Schedule 40 PVC

Slot Size x Length: 0.010" x 10'

ID of Screen: 4"

Type of Sandpack: 20-40 silica sand

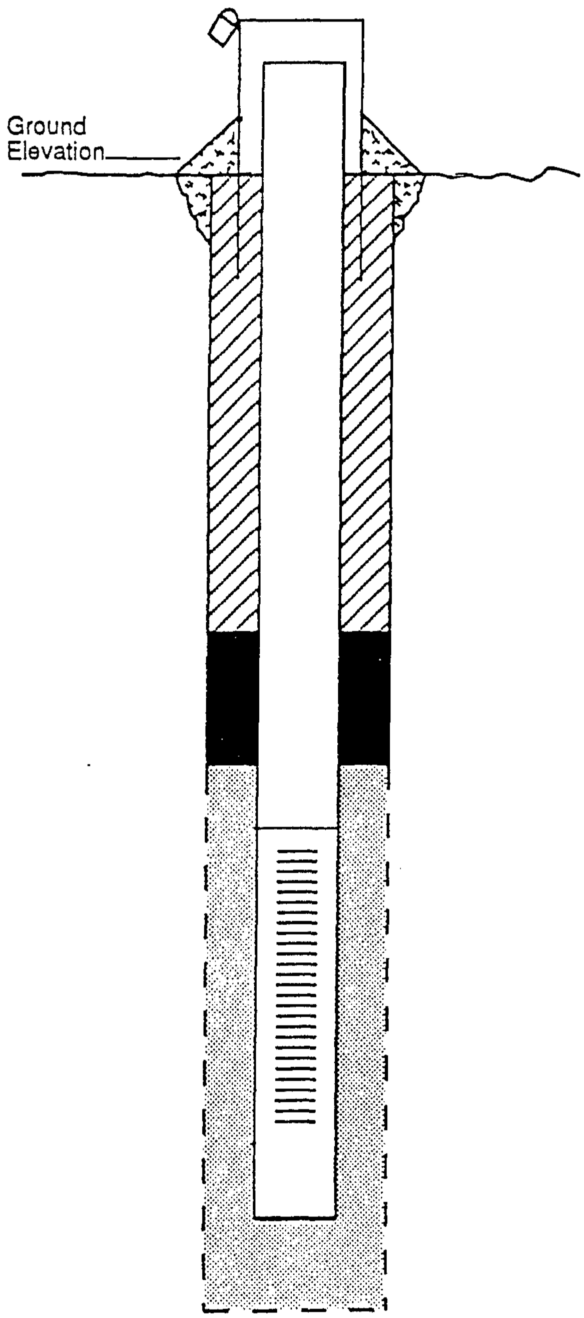
Depth of Bottom of Screen: 17'

Depth of Sediment Sump with Plug: ~~1'~~ N/A (SM)

Depth of Bottom of Borehole: 18'

MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens
Project No. 09144-02
Field Geologist G. GULSETTI
Study Area AOC 57
Boring No. 57M-95-04A
Date Installed 10/4/95
Driller K. REGAN (D.L. MAHER)
Drilling Method H.S.A.
Development Method Dedicated submersible pump (gm)



Stick-up of Casing Above Ground Surface: 1.25 ft (gm)

Type of Surface Seal/ Other Protection: gravel pad

Type of Surface Casing: PROCOVER

ID of Surface Casing: 6 INCH

Diameter of Borehole: 10 INCH

Riser Pipe ID: 4 INCH

Type of Riser Pipe: SCH 40 PVC

Type of Backfill: BENTONITE GROUT

Depth of Top of Seal: 1.5 FEET

Type of Seal: BENTONITE PELLET

Depth of Top of Sand: 1.9 FEET

Depth of Top of Screen: 2.4 FEET

Type of Screen: SCH 40 PVC

Slot Size x Length: 0.010 INCH - 10 FEET

ID of Screen: 4 INCH

Type of Sandpack: # 00 SAND (20/40) (gm)

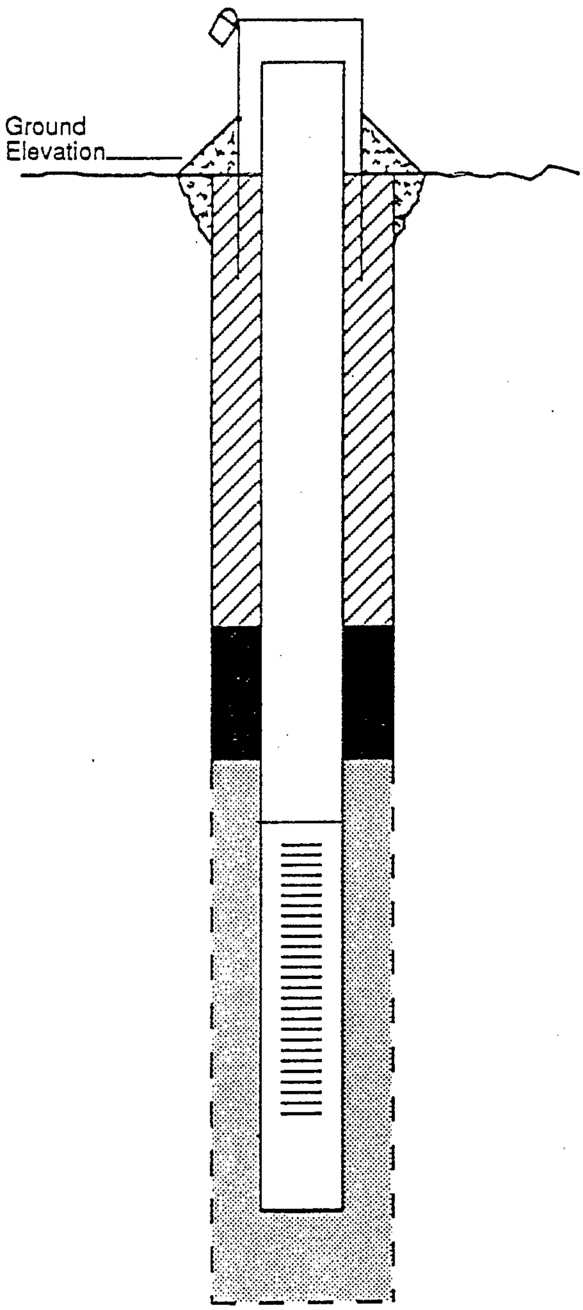
Depth of Bottom of Screen: 12.4 FEET

Depth of Sediment Sump with Plug: N/A

Depth of Bottom of Borehole: 13 FEET

MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens
Project No. 09144-02
Study Area AOC 57
Boring No. 57M-95-04B
Date Installed 10/3/95
Driller K. REGAN
Drilling Method H.S.A. (6 5/8" ID) GM
Development Method Dedicated submersible pump GM
Field Geologist G. Gulseth



Stick-up of Casing Above Ground Surface: 2.50 feet
Type of Surface Seal/ Other Protection: gravel pad GM
Type of Surface Casing: PROCOVER
ID of Surface Casing: 6 INCH
Diameter of Borehole: 10 INCH
Riser Pipe ID: 4 INCH
Type of Riser Pipe: SCH 40 PVC
Type of Backfill: BENTONITE/CEMENT GROUT
Depth of Top of Seal: 7 FEET
Type of Seal: BENTONITE PELLET
Depth of Top of Sand: 13 FEET
Depth of Top of Screen: 18.51 FEET
Type of Screen: SCH 40 PVC
Slot Size x Length: 0.010 INCH - 10 FEET
ID of Screen: 4 INCH
Type of Sandpack: #00 SAND
Depth of Bottom of Screen: 28.51 FEET
Depth of Sediment Sump with Plug: 28.91 FEET
Depth of Bottom of Borehole: 30.0 FEET

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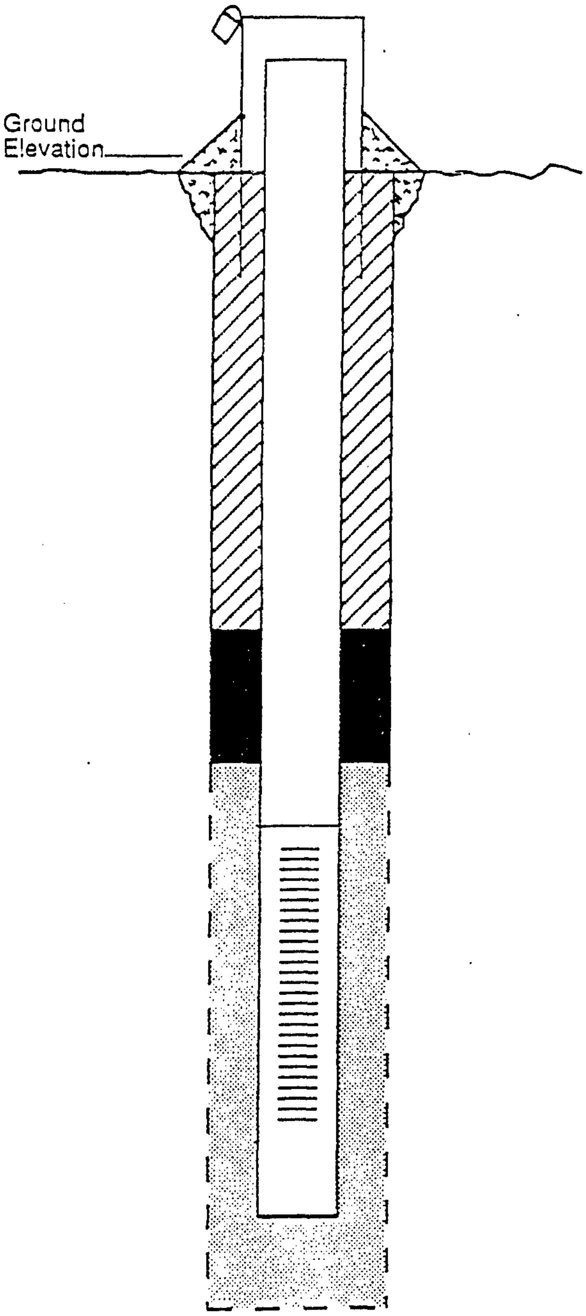
MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens ~~Study Area~~ AOC 57 Driller D.L. Maher — B. Burns

Project No. 9144-02 Boring No. 57M-95-05X Drilling Method 6¼" HSA

Date Installed 10-3-95 Development Method Dedicated submersible pump

Field Geologist S. Montgomery



Stick-up of Casing Above Ground Surface: 3"

Type of Surface Seal/ Other Protection: gravel pad

Type of Surface Casing: Steel, above grade

ID of Surface Casing: 6"

Diameter of Borehole: 0.9'

Riser Pipe ID: 4"

Type of Riser Pipe: Schedule 40 PVC

Type of Backfill: Type I-II Portland cement + Volclay grout

Depth of Top of Seal: 3'

Type of Seal: ¼" bentonite pellets (Volclay/Pure Gold)

Depth of Top of Sand: 6'

Depth of Top of Screen: 10'

Type of Screen: Schedule 40 PVC

Slot Size x Length: 0.010" x 10'

ID of Screen: 4"

Type of Sandpack: 20-40 silica sand

Depth of Bottom of Screen: 20'

Depth of Sediment Sump with Plug: 0'

Depth of Bottom of Borehole: 20'

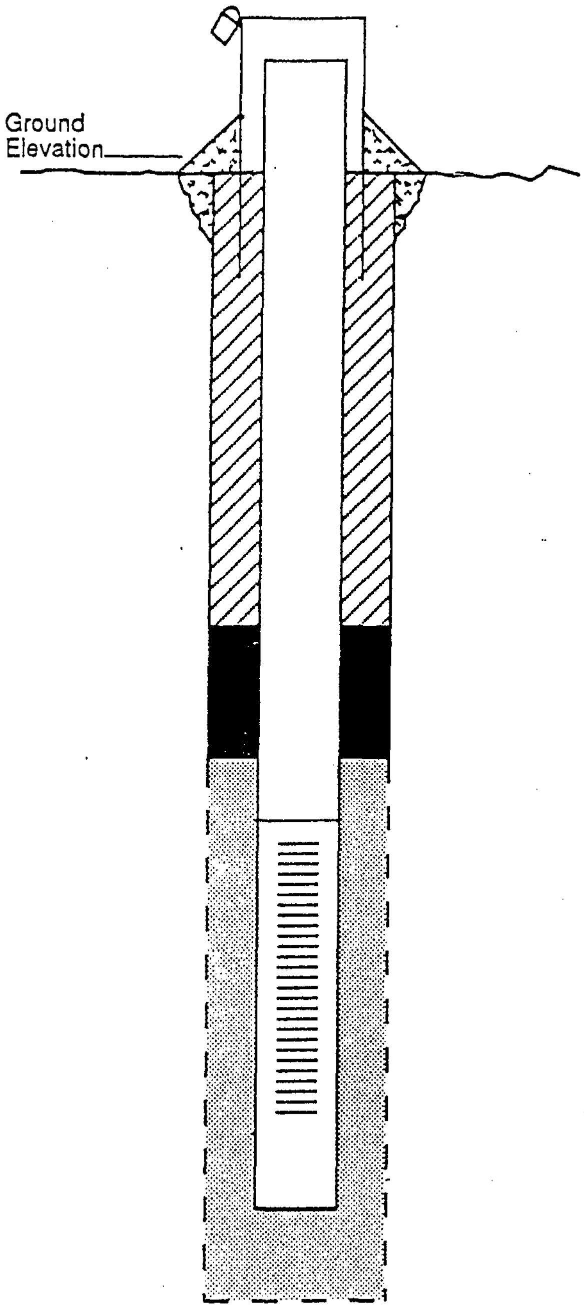
MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens
Study Area AOC 57
Driller K. REGAN (D.L. MAHER)

Project No. 09144.02
Boring No. 57M-95-06X
Drilling Method H.S.A. (6 5/8" ID)

Date Installed 10/4/95
Development Method Dedicated submersible pump

Field Geologist G. GULSETH



Stick-up of Casing Above Ground Surface: 2.21 FT

Type of Surface Seal/ Other Protection: gravel pad

Type of Surface Casing: PROCOVER

ID of Surface Casing: 6 INCH

Diameter of Borehole: 10 INCH

Riser Pipe ID: 4 INCH

Type of Riser Pipe: SCH 40 PVC

Type of Backfill: BENTONITE GROUT

Depth of Top of Seal: 4 FEET

Type of Seal: BENTONITE PELLET

Depth of Top of Sand: 8 FEET

Depth of Top of Screen: 11.87 FEET

Type of Screen: SCH 40 PVC

Slot Size x Length: 0.010 INCH - 10 FEET

ID of Screen: 4 INCH

Type of Sandpack: #00 SAND (20/40)

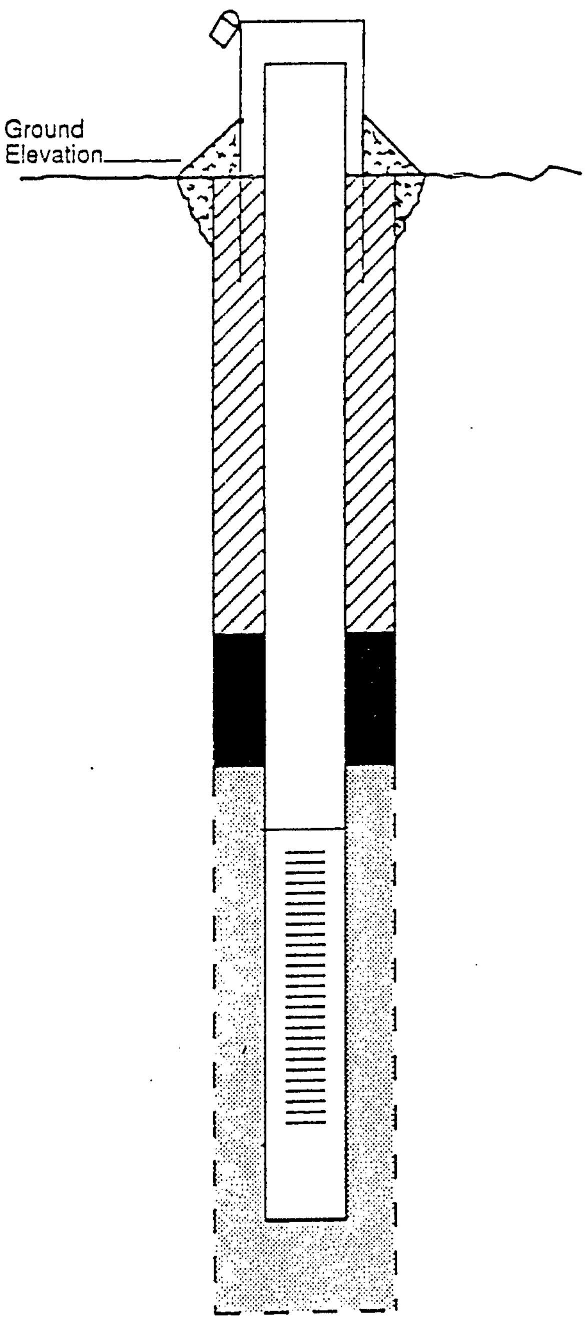
Depth of Bottom of Screen: 21.87 FEET

Depth of Sediment Sump with Plug: 22.04 FEET

Depth of Bottom of Borehole: 23 FEET

MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens
Project No. 9144-02
Study Area AOC 57
Boring No. 57M-95-07X
Date Installed 10-5-95
Driller D. L. MAHER — B. Burns
Drilling Method 6 5/8" (ID) HSAs
Development Method Dedicated submersible pump (sjm)
Field Geologist S. Montgomery



Stick-up of Casing Above Ground Surface: 1.5 FT.

Type of Surface Seal/ Other Protection: gravel pad

Type of Surface Casing: steel

ID of Surface Casing: 6"

Diameter of Borehole: 0.9'

Riser Pipe ID: 4"

Type of Riser Pipe: Schedule 40 PVC

Type of Backfill: Type I-II Portland cement + Volclay high solids grout

Depth of Top of Seal: 1.5'

Type of Seal: 1/4" bentonite pellets

Depth of Top of Sand: 2'

Depth of Top of Screen: 3'

Type of Screen: Schedule 40 PVC

Slot Size x Length: 0.010" machine slot x 10'

ID of Screen: 4"

Type of Sandpack: 20-40 silica sand

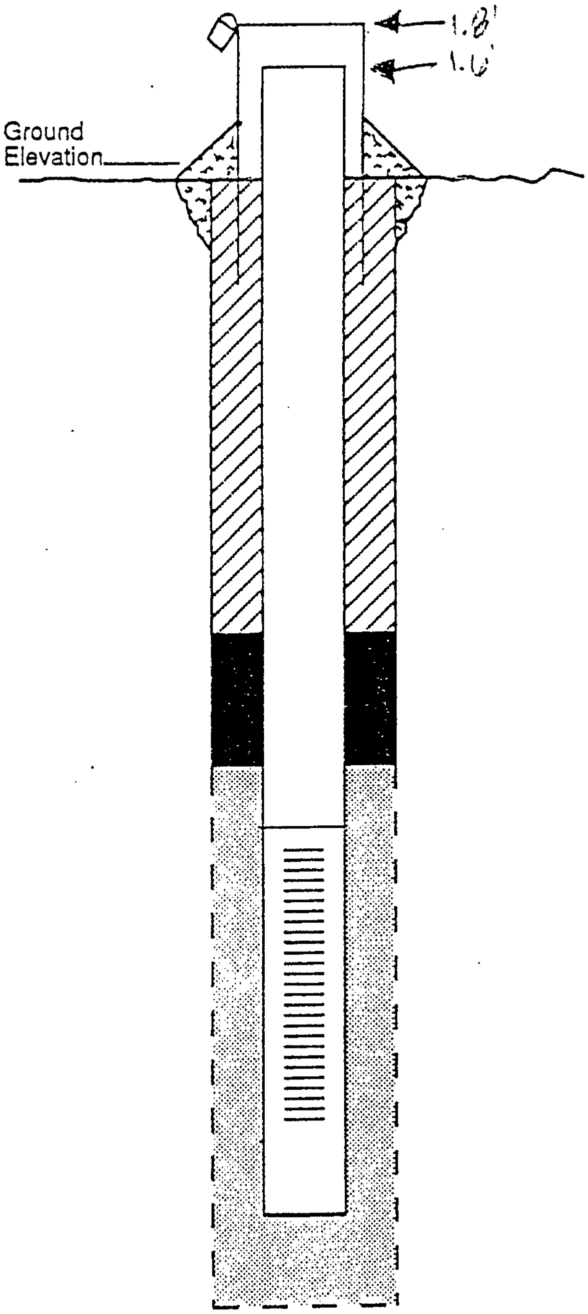
Depth of Bottom of Screen: 13'

Depth of Sediment Sump with Plug: ~~1'~~ N/A (sjm)

Depth of Bottom of Borehole: 14'

MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens
Project No. 9144-02
Study Area AOC 57
Boring No. 57M-95-08A
Date Installed 10-10-95
Driller D.L. Maher — B. Burns
Drilling Method 6 5/8" (ID) HSAs
Development Method Dedicated submersible pump (SM)
Field Geologist S. Montgomery



Stick-up of Casing Above Ground Surface: 1.8'

Type of Surface Seal/ Other Protection: gravel pad

Type of Surface Casing: steel

ID of Surface Casing: 6"

Diameter of Borehole: 0.9'

Riser Pipe ID: 4"

Type of Riser Pipe: Schedule 40 PVC

Type of Backfill: Type I-II Portland cement + Volclay high solids grout

Depth of Top of Seal: 1.5 ft.

Type of Seal: 1/4" bentonite pellets

Depth of Top of Sand: 2 ft.

Depth of Top of Screen: 3 ft.

Type of Screen: Schedule 40 PVC (SM)

Slot Size x Length: 0.010" machine slot x 10'

ID of Screen: 4"

Type of Sandpack: 20-40 silica sand

Depth of Bottom of Screen: 13 ft

Depth of Sediment Sump with Plug: 2 ft

Depth of Bottom of Borehole: 15 ft

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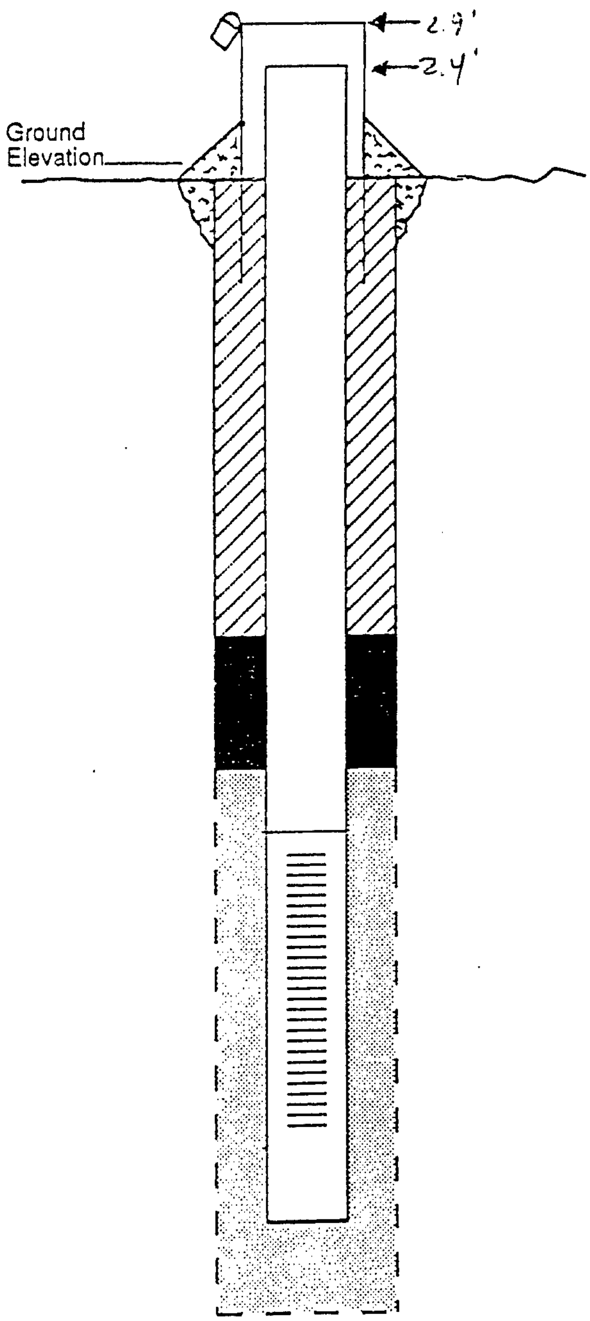
MONITORING WELL CONSTRUCTION DIAGRAM

Project: Fort Devens
Project No. 9144-02
Study Area: AOC 57
Boring No. 57M-95-08B
Date Installed: 10-10-95
Driller: D.L. MAHER — B. Burns
Drilling Method: 6 5/8" (ID) HSAs
Development Method: Dedicated submersible pump (SJM)
Field Geologist: S. Montgomery



Stick-up of Casing Above Ground Surface: 2.9'

Type of Surface Seal/ Other Protection: gravel pad

Type of Surface Casing: steel

ID of Surface Casing: 6"

Diameter of Borehole: 0.9'

Riser Pipe ID: 4"

Type of Riser Pipe: Schedule 40 PVC

Type of Backfill: Type I-II Portland cement + Volclay high solids grout

Depth of Top of Seal: 8'

Type of Seal: 1/4" bentonite pellets

Depth of Top of Sand: 13'

Depth of Top of Screen: 18'

Type of Screen: Schedule 40 PVC

Slot Size x Length: 0.010" machine slot x 10'

ID of Screen: 4"

Type of Sandpack: 20-40 silica sand

Depth of Bottom of Screen: 28'

Depth of Sediment Sump with Plug: ~~2'~~ N/A (SJM)

Depth of Bottom of Borehole: 30'

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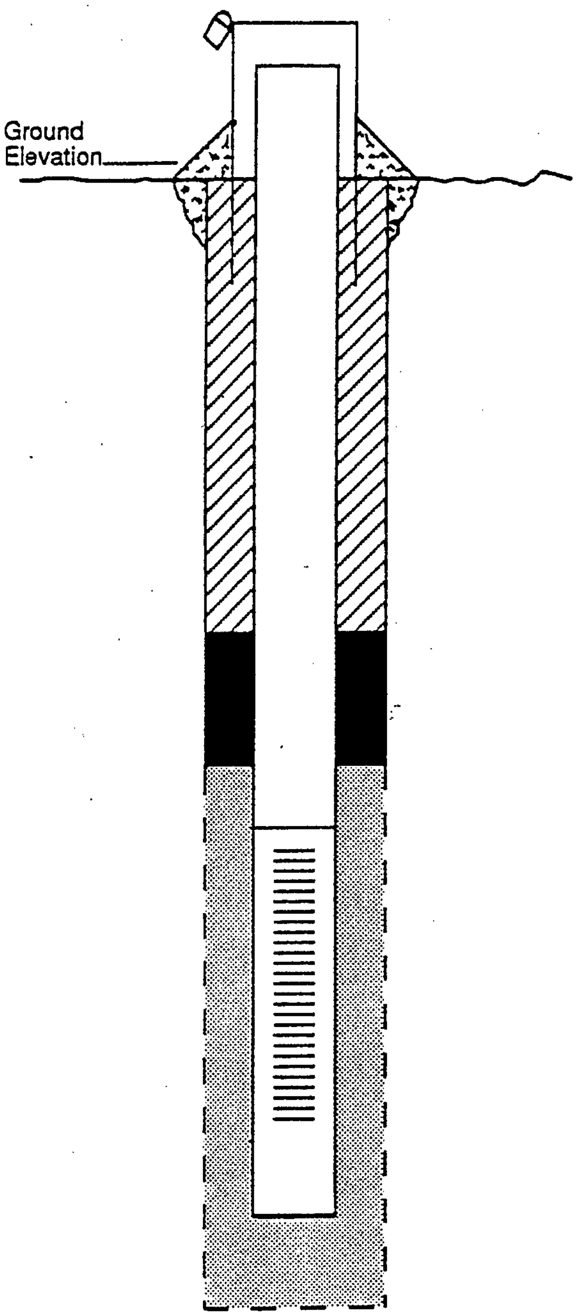
MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens
Project No. 09144-08
Study Area AOC 57
Boring No. 57M-96-09X
Date Installed 8-28-96
Driller J. Garside
Drilling Method 4.25" HSA
Development Method Pump & Surge
Field Geologist R. McCoy



Stick-up of Casing Above Ground Surface: 3'

Type of Surface Seal/ Other Protection: GRAVEL PAD

Type of Surface Casing: STEEL STAND PIPE

ID of Surface Casing: 6"

Diameter of Borehole: 6"

Riser Pipe ID: 2"

Type of Riser Pipe: SCHD. 40 PVC

Type of Backfill: GROUT

Depth of Top of Seal: 3.0' bgs

Type of Seal: Bentonite Pellets

Depth of Top of Sand: 8.0' bgs

Depth of Top of Screen: 12.8' bgs

Type of Screen: SCHD. 40 PVC

Slot Size x Length: 10 SLOT x 10 FT

ID of Screen: 2"

Type of Sandpack: ϕ SAND

Depth of Bottom of Screen: 22.8' bgs

Depth of Sediment Sump with Plug: 23.0' bgs

Depth of Bottom of Borehole: 23.0' bgs

MONITORING WELL CONSTRUCTION DIAGRAM
PROJECT OPERATIONS PLAN
FORT DEVENS, MASSACHUSETTS

ABB Environmental Services, Inc.

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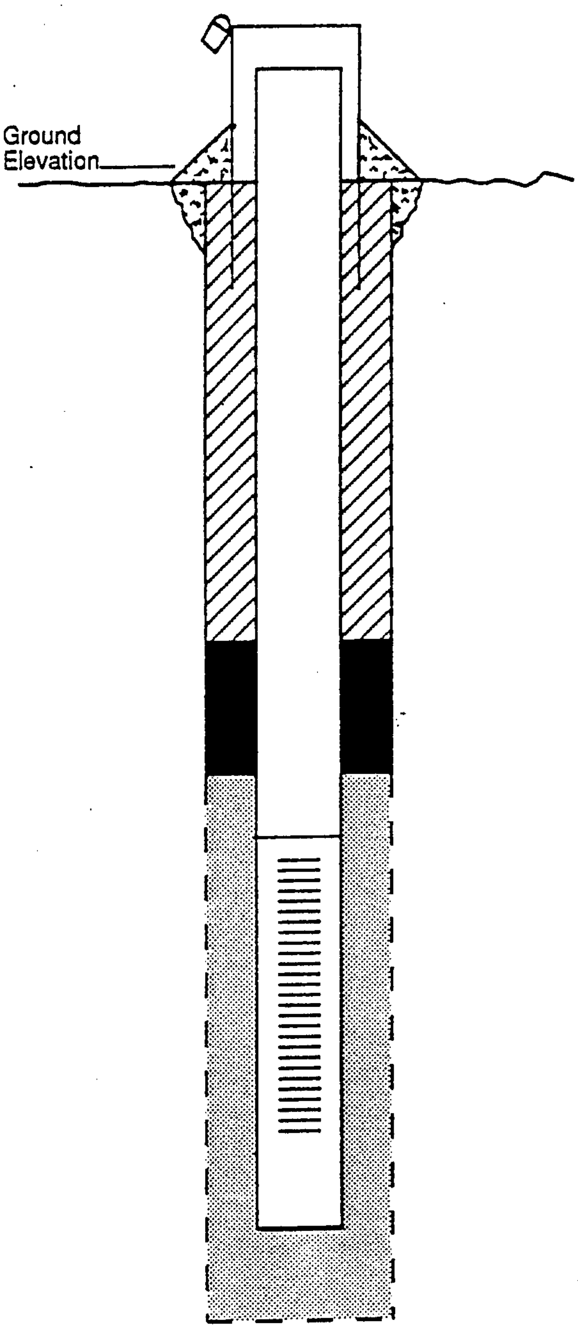
MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens
Study Area 57
Driller NHB
Project No. 9144.08
Boring No. 57M-96-10X
Drilling Method HSA 4¼"
Date Installed 8/30/96
Development Method Pump + Surge
Field Geologist K. Lilson



Stick-up of Casing Above Ground Surface: 3'

Type of Surface Seal/ Other Protection: CEMENT

Type of Surface Casing: STEEL - 5 FOOT

ID of Surface Casing: 6"

Diameter of Borehole: 6"

Riser Pipe ID: ~~6"~~ - 2"

Type of Riser Pipe: ~~STEEL~~ PVC

Type of Backfill: N/A

Depth of Top of Seal: 0'

Type of Seal: BENTONITE PELLETS

Depth of Top of Sand: 2'

Depth of Top of Screen: 3'

Type of Screen: PVC SCH 40

Slot Size x Length: 0.01' x 10'

ID of Screen: 2"

Type of Sandpack: NO. 2 SAND

Depth of Bottom of Screen: 13

Depth of Sediment Sump with Plug: 13'

Depth of Bottom of Borehole: 13'

MONITORING WELL CONSTRUCTION DIAGRAM
PROJECT OPERATIONS PLAN
FORT DEVENS, MASSACHUSETTS

ABB Environmental Services, Inc.

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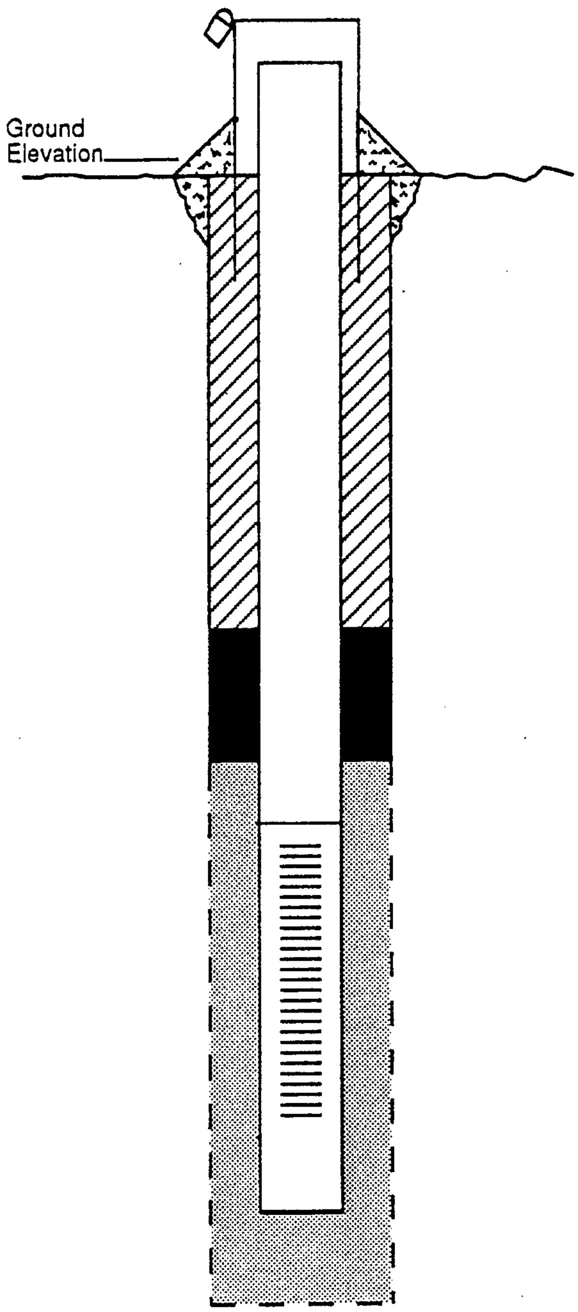
MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens
Project No. 9144.08
Study Area 57
Boring No. 57M-96-11X
Date Installed 8/30/96
Driller NHR
Drilling Method HSA 4 1/4"
Development Method PUMP + SURGE
Field Geologist K. Wilson



Stick-up of Casing Above Ground Surface: 2.5'

Type of Surface Seal/ Other Protection: GRAVEL PAD + MORTAR COLLAR

Type of Surface Casing: STEEL

ID of Surface Casing: 6"

Diameter of Borehole: 6"

Riser Pipe ID: 2"

Type of Riser Pipe: PVC

Type of Backfill: N/A

Depth of Top of Seal: 0'

Type of Seal: BENTONITE PELLETS

Depth of Top of Sand: 1.5'

Depth of Top of Screen: 2'

Type of Screen: PVC

Slot Size x Length: 0.01" x 10'

ID of Screen: 2"

Type of Sandpack: NO. 2

Depth of Bottom of Screen: 12'

Depth of Sediment Sump with Plug: 12'

Depth of Bottom of Borehole: 12'

MONITORING WELL CONSTRUCTION DIAGRAM
PROJECT OPERATIONS PLAN
FORT DEVENS, MASSACHUSETTS

ABB Environmental Services, Inc.

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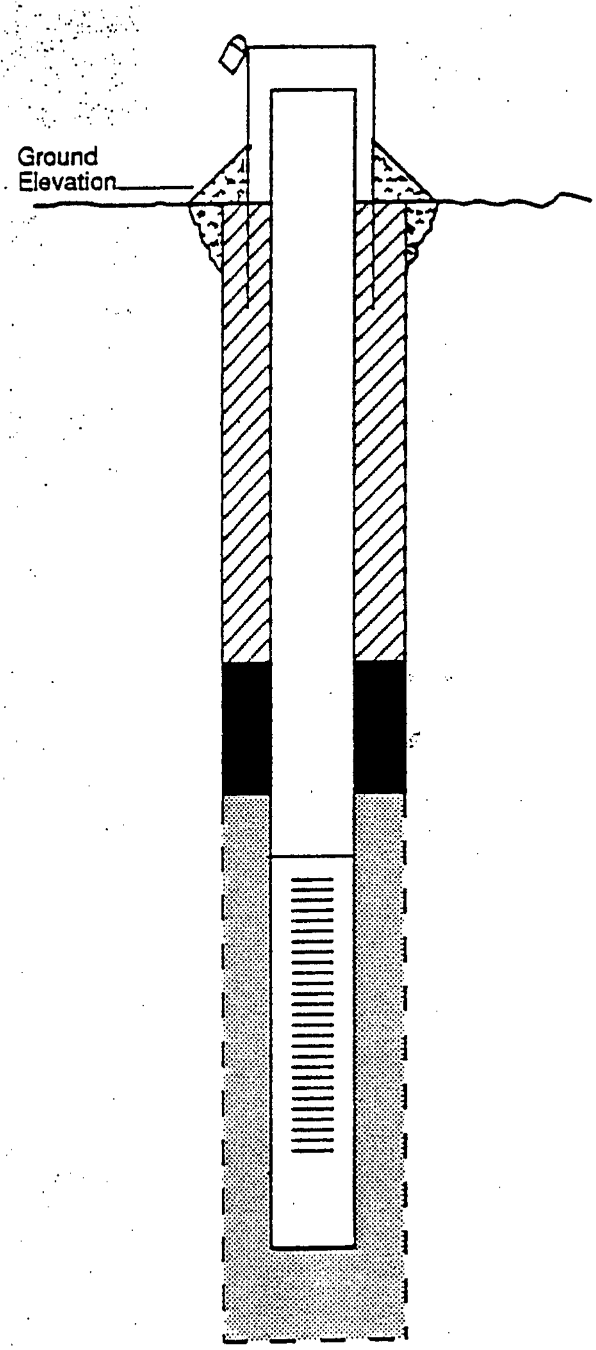
Project Fort Devens
Project No. 9A4.08
Study Area 57
Boring No. 57M-95-12X
Date Installed 8/29/96
Driller NHB
Drilling Method HSA 4.25"
Development Method Pump + Surge
Field Geologist K. Wilson



Stick-up of Casing Above Ground Surface: 3.0 ±
Type of Surface Seal/ Other Protection: Gravel Pad
Type of Surface Casing: Steel
ID of Surface Casing: 4"
Diameter of Borehole: 6"
Riser Pipe ID: 2"
Type of Riser Pipe: PVC
Type of Backfill: N/A
Depth of Top of Seal: Ground Surface
Type of Seal: Bentonite Pellets
Depth of Top of Sand: 1.5'
Depth of Top of Screen: 2'
Type of Screen: PVC
Slot Size x Length: 0.01' x 10'
ID of Screen: 2"
Type of Sandpack: ϕ Sand
Depth of Bottom of Screen: 12'
Depth of Sediment Sump with Plug: 12'
Depth of Bottom of Borehole: 12'

MONITORING WELL CONSTRUCTION DIAGRAM
PROJECT OPERATIONS PLAN
FORT DEVENS, MASSACHUSETTS

ABB Environmental Services, Inc.

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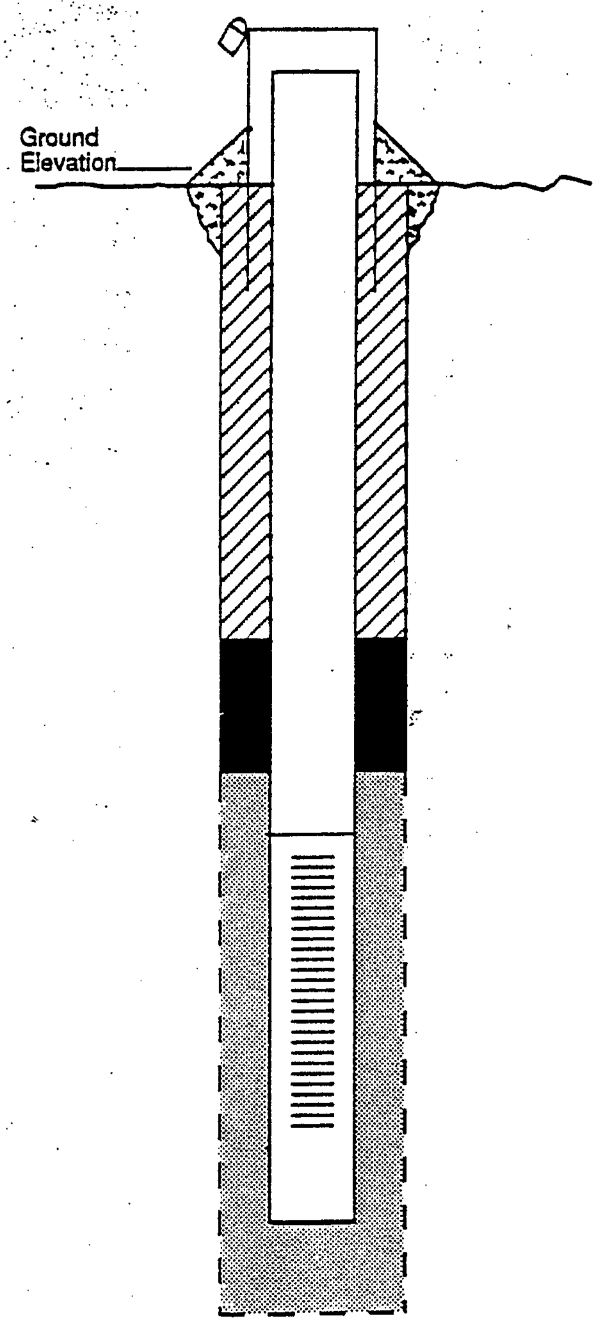
Project Fort Devens
Project No. 9144.08
Study Area AOC 57
Boring No. 57M-96-13X
Date Installed 8/29/96
Driller NHB
Drilling Method HSA 4.25"
Development Method Pump + Surge
Field Geologist K. Wilson



Stick-up of Casing Above Ground Surface: 2.6

Type of Surface Seal/ Other Protection: Gravel Pad

Type of Surface Casing: Steel

ID of Surface Casing: 4"

Diameter of Borehole: 6"

Riser Pipe ID: 2"

Type of Riser Pipe: PVC

Type of Backfill: N/A

Depth of Top of Seal: Ground Surface

Type of Seal: Bentonite Pellets

Depth of Top of Sand: 1.5'

Depth of Top of Screen: 2'

Type of Screen: PVC

Slot Size x Length: 0.01' x 10'

ID of Screen: 2"

Type of Sandpack: ¢ Sand

Depth of Bottom of Screen: 12'

Depth of Sediment Sump with Plug: 12'

Depth of Bottom of Borehole: 12'

MONITORING WELL CONSTRUCTION DIAGRAM
PROJECT OPERATIONS PLAN
FORT DEVENS, MASSACHUSETTS

ABB Environmental Services, Inc.

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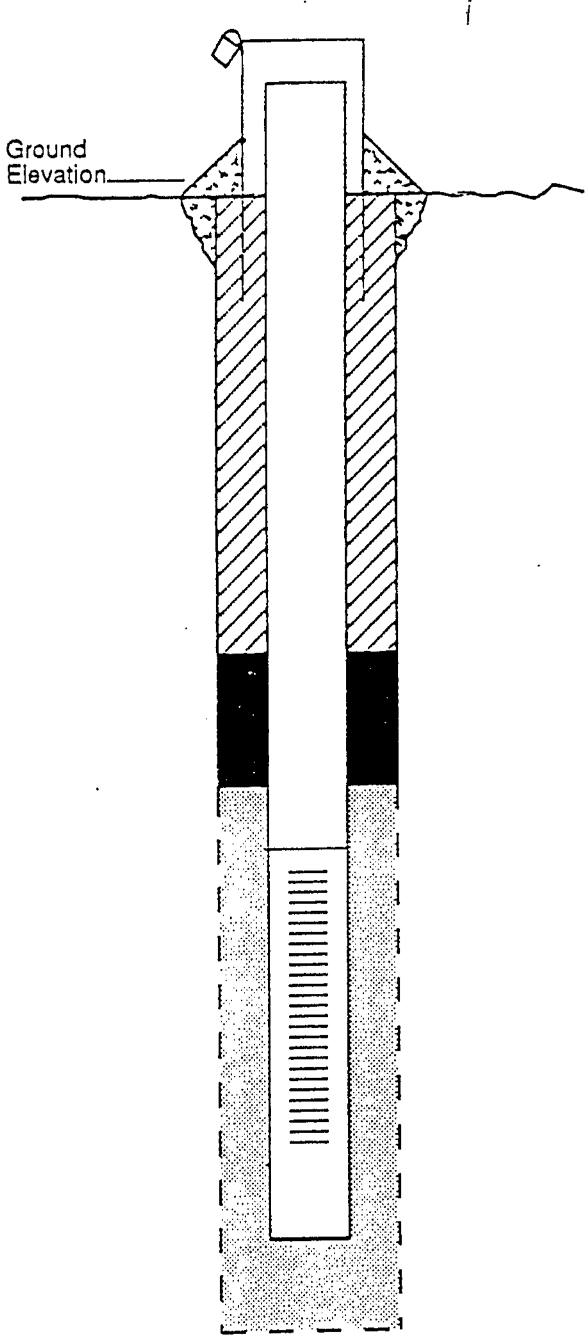
MONITORING WELL CONSTRUCTION DIAGRAM

Project: Fort Devens
Project No.: 9144-C2
Study Area: AOC 57
Boring No.: 57P-95-01B
Date Installed: 10-11-95
Driller: D.L. Maher — B. Burns
Drilling Method: 4-5/8" (ID) HSA
Development Method: ______
Field Geologist: S. Montgomery

* see diagram for associated nested piezometer, 57P-95-01A



Stick-up of Casing Above Ground Surface: 1.55'

Type of Surface Seal/ Other Protection: gravel pad

Type of Surface Casing: steel protective casing

ID of Surface Casing: 12"

Diameter of Borehole: 0.91

Riser Pipe ID: 1"

Type of Riser Pipe: Schedule 40 PVC

Type of Backfill: Type I-II Portland cement + Volclay high solids grout

Depth of Top of Seal: 8 FT

Type of Seal: 1/4" bentonite pellets

Depth of Top of Sand: 9 FT

Depth of Top of Screen: 10 FT

Type of Screen: Schedule 40 PVC

Slot Size x Length: 0.010" machine slot x 5'

ID of Screen: 1"

Type of Sandpack: 20-40 silica sand

Depth of Bottom of Screen: 15'

Depth of Sediment Sump with Plug: 0'

Depth of Bottom of Borehole: 15'

— see sketch of nested piezometers on p. 33 in "Drill Rig #2" logbook —

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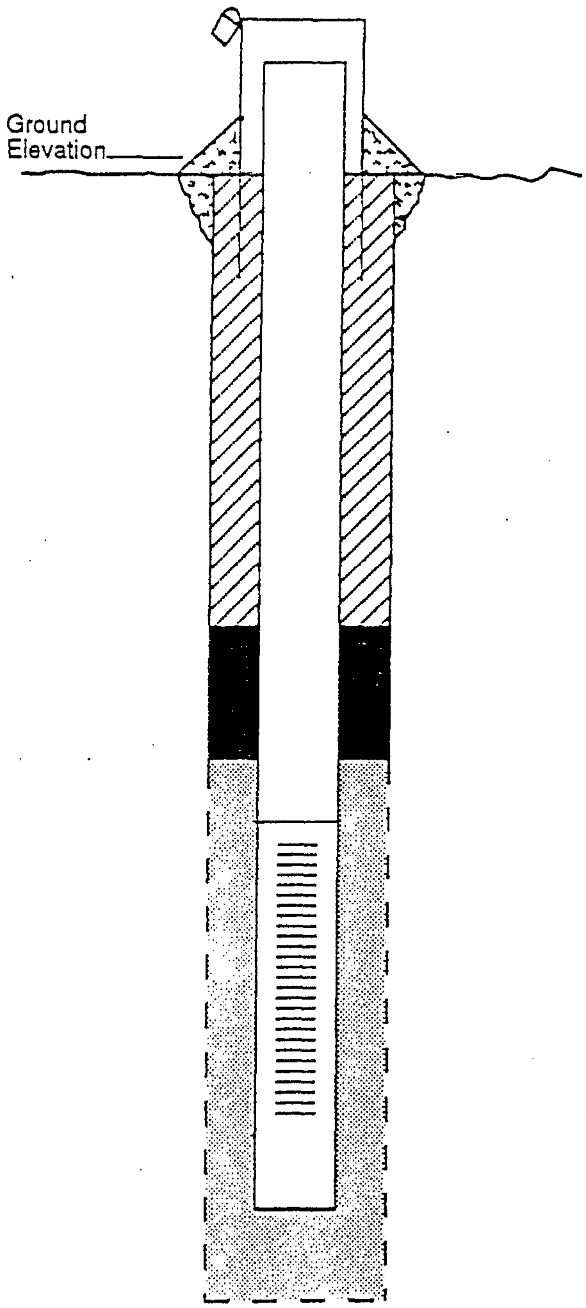
MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens
Project No. 9144-02
Field Geologist S. Montgomery

Study Area AOC 57
Boring No. 57P-95-01A
Date Installed 10-11-95

Driller D.L. MAHER — B. Burns
Drilling Method 6 5/8" (ID) HSAs
Development Method ______

* see diagram for associated nested ~~well~~ piezometer 57P-95-01B



Stick-up of Casing Above Ground Surface: 1.55

Type of Surface Seal/ Other Protection: gravel pad

Type of Surface Casing: 6" (ID) steel protective casing

ID of Surface Casing: 6"

Diameter of Borehole: 0.9'

Riser Pipe ID: 1"

Type of Riser Pipe: Schedule 40 PVC

Type of Backfill: Type I-II Portland cement + Volclay high solids grout

Depth of Top of Seal: 1.0

Type of Seal: 1/4" bentonite pellets

Depth of Top of Sand: 1.5'

Depth of Top of Screen: 2.0'

Type of Screen: Schedule 40 PVC

Slot Size x Length: 0.010" machine slot x 5'

ID of Screen: 1"

Type of Sandpack: 20-40 silica sand

Depth of Bottom of Screen: 7.0'

Depth of Sediment Sump with Plug: N/A

Depth of Bottom of Borehole: 15'

— see sketch of nested piezometers on p. 88 in "Drill Rig #2" logbook

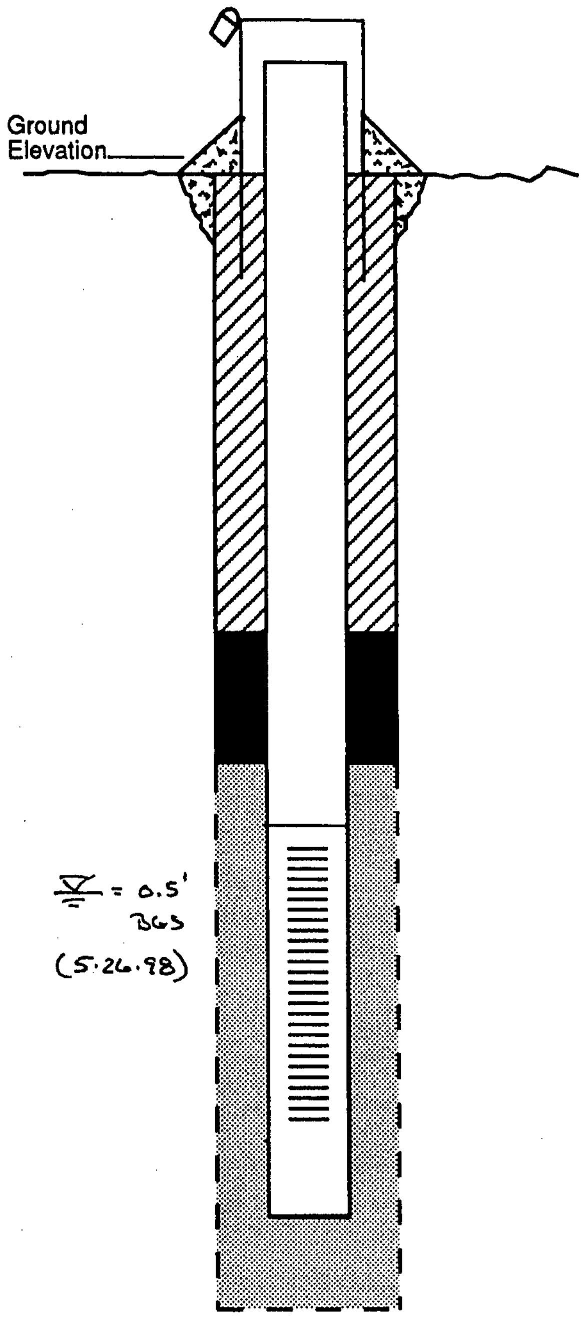
MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens
Study Area AOC 57 AREA 2
Driller HLA

Project No. 9144.03
Boring No. 57P.98.02X
Drilling Method HAND AUGER

Date Installed 5.26.98
Development Method N/A

Field Geologist R. RUSTAD



Stick-up of Casing Above Ground Surface: 2.05'

Type of Surface Seal/ Other Protection: NONE

Type of Surface Casing: NONE

ID of Surface Casing: NONE

Diameter of Borehole: ~~4"~~ (RR) 3" O.D.

Riser Pipe ID: 1" ID

Type of Riser Pipe: SCH 40 PVC

Type of Backfill: NATIVE

Depth of Top of Seal: NONE

Type of Seal: NONE

Depth of Top of Sand: NONE

Depth of Top of Screen: 0.3' BGS

Type of Screen: 1" ID 0.010" SLOT PVC SCH 40

Slot Size x Length: 2' x 0.010" SLOT

ID of Screen: 1" ID

Type of Sandpack: NONE

Depth of Bottom of Screen: 2.3' BGS

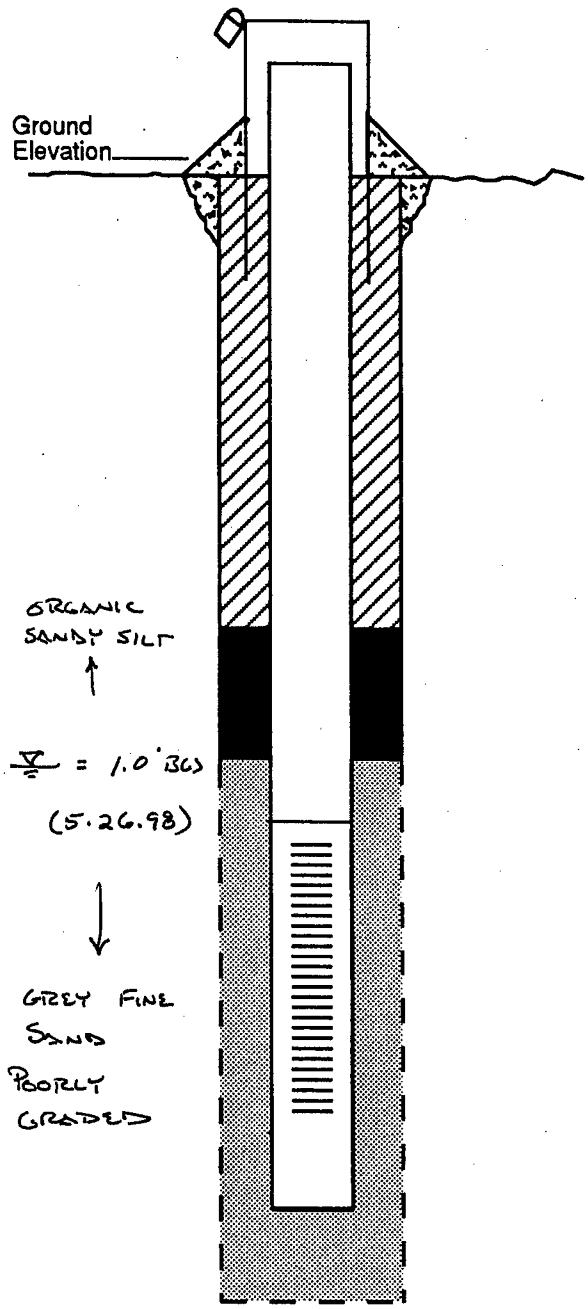
Depth of Sediment Sump with Plug: 2.3' BGS

Depth of Bottom of Borehole: 2.3'

9312005S L16

MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens
Study Area AOC 57 AREA 3
Driller HLA
Project No. 9144.03
Boring No. 57P.98.03X
Drilling Method HAND AUGER
Date Installed 5.26.98
Development Method NONE
Field Geologist R. RUSTAD



Stick-up of Casing Above Ground Surface: 2.0'

Type of Surface Seal/ Other Protection: NONE

Type of Surface Casing: NONE

ID of Surface Casing: NONE

Diameter of Borehole: 3"

Riser Pipe ID: 1" ID

Type of Riser Pipe: SCH 40 PVC

Type of Backfill: NATIVE

Depth of Top of Seal: NONE

Type of Seal: NONE

Depth of Top of Sand: NONE

Depth of Top of Screen: 2.5' BGS

Type of Screen: SCH 40 PVC

Slot Size x Length: 3' x 0.010" SLOT

ID of Screen: 1" ID

Type of Sandpack: NONE

Depth of Bottom of Screen: 5.5' BGS

Depth of Sediment Sump with Plug: 5.5' BGS

Depth of Bottom of Borehole: 5.5' BGS

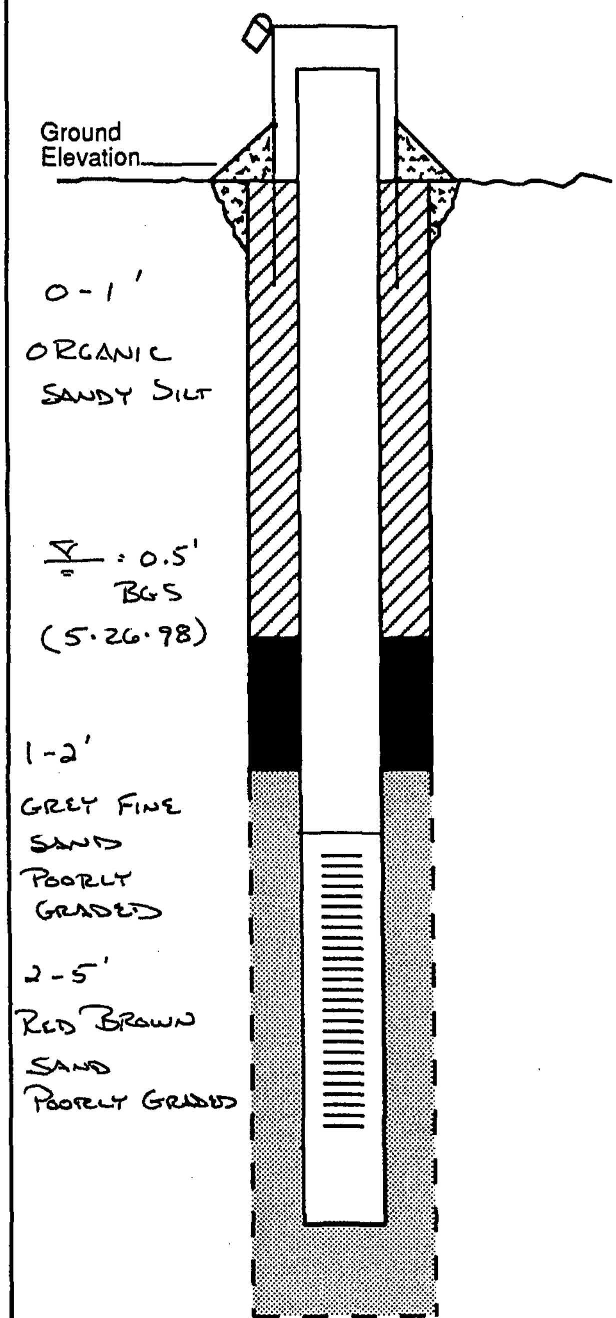
MONITORING WELL CONSTRUCTION DIAGRAM

Project Fort Devens
Study Area AOC 57 Area 3
Driller HLA

Project No. 9144.03
Boring No. 57P-98-04X
Drilling Method HAND AUGER

Date Installed 5.26.98
Development Method N/A

Field Geologist R. Rustad



Stick-up of Casing Above Ground Surface: 2.81'

Type of Surface Seal/ Other Protection: NA

Type of Surface Casing: NA

ID of Surface Casing: NA

Diameter of Borehole: 3"

Riser Pipe ID: 1" ID

Type of Riser Pipe: SCH 40 PVC

Type of Backfill: NATIVE

Depth of Top of Seal: NA

Type of Seal: NA

Depth of Top of Sand: NA

Depth of Top of Screen: 2' BGS

Type of Screen: SCH 40 PVC

Slot Size x Length: 3' x 0.01"

ID of Screen: 1" ID

Type of Sandpack: NA

Depth of Bottom of Screen: 5' BGS

Depth of Sediment Sump with Plug: 5' BGS

Depth of Bottom of Borehole: 5' BGS

GEOPHYSICAL INVESTIGATION DATA AND ANALYSIS

1.0 Introduction

Geophysical surveying was completed over AOC 57 at the former Fort Devens in Ayer, MA. Geophysical work was conducted in two separate areas in September 1995 and August 1996. Several geophysical techniques were employed at AOC 57 to screen for the presence or absence of buried waste at the site.

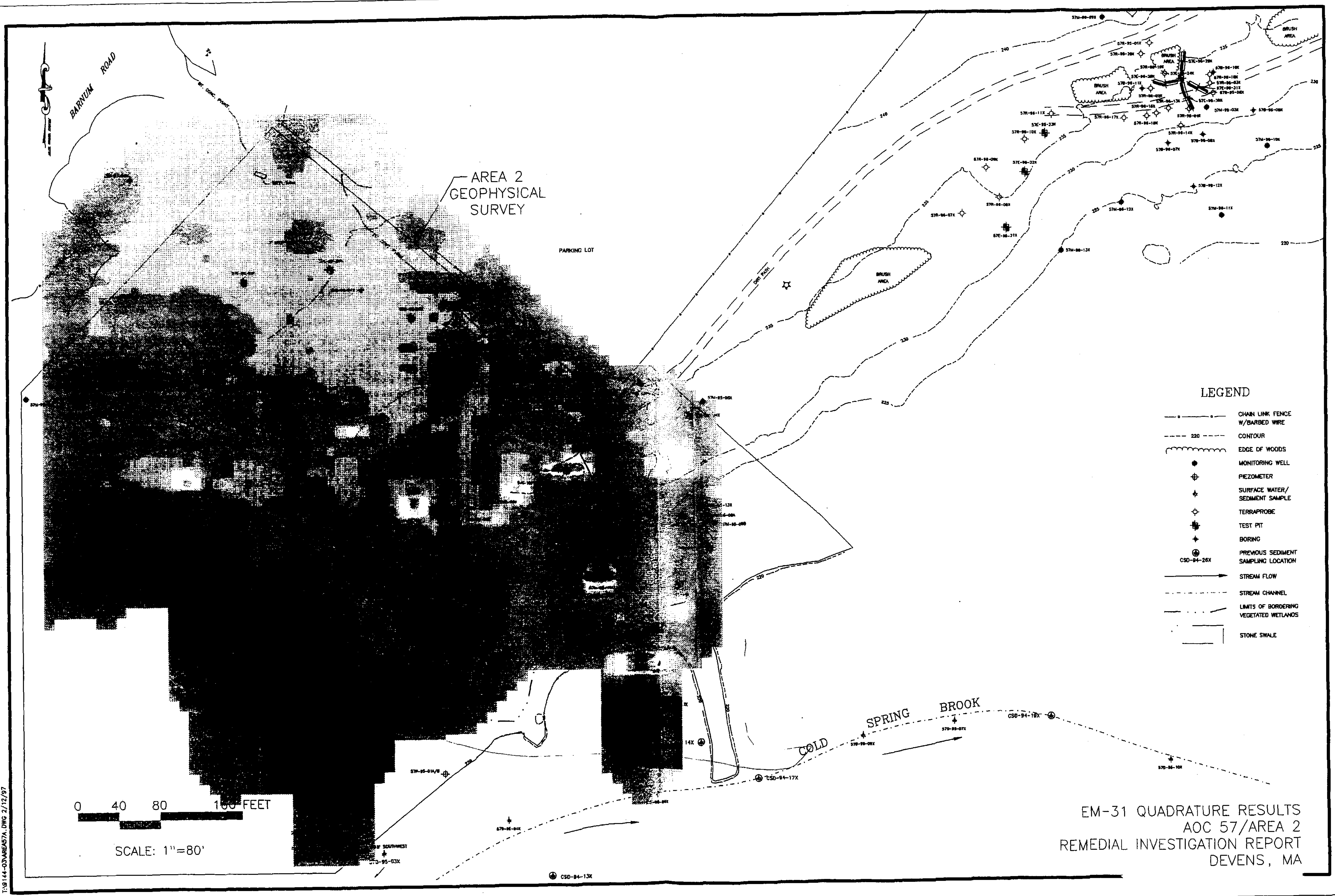
2.0 Equipment and Survey Methodology

Four types of geophysical surveys were conducted at AOC 57 and include an EM-61 Time Domain Metal Detection survey, an EM-31 electromagnetic ground conductivity survey, a GEM gradiometer survey, and a ground-penetrating radar survey. A Geonics, Inc. EM-61 High Resolution Time Domain Metal Detector was used to determine the presence of ferrous as well as non-ferrous metallic wastes. A Geonics, Inc. EM-31 Electromagnetic Ground Conductivity instrument was used to detect the presence of conductive wastes. A GEM-19 gradiometer was used to measure deviations in the earth's magnetic field to determine the presence of ferrous objects. A GSSI System III GPR unit equipped with a 500 megahertz antenna was used to profile selected electromagnetic and magnetic anomalies.

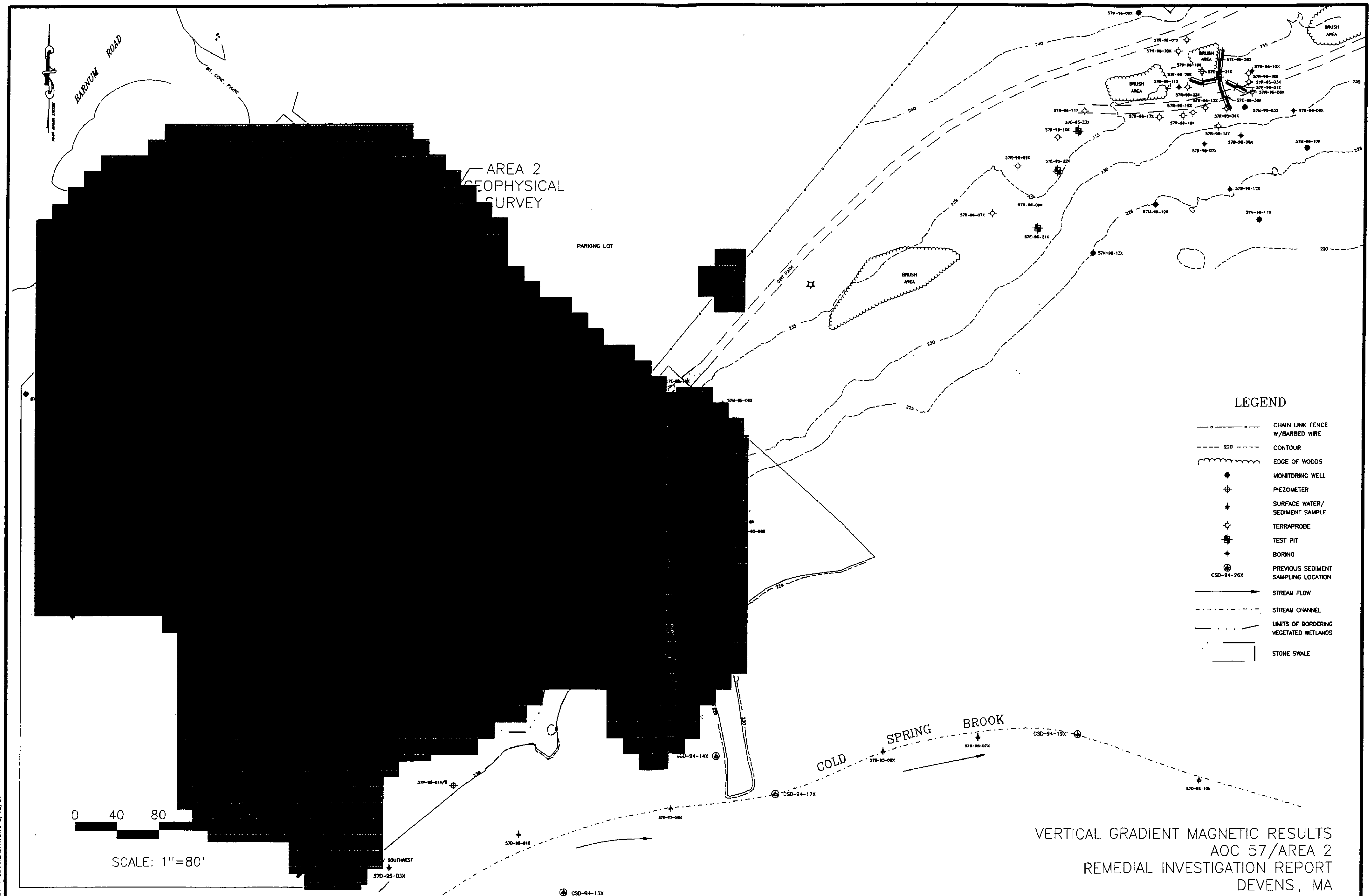
Prior to geophysical surveying a 50 by 50 foot grid was established using a tape and compass. Pin flags and blaze orange marking paint were used to identify grid nodes. Data was collected with reference to the preestablished survey grid by pacing. EM-31 and EM-61 surveys were conducted concurrently along survey lines spaced ten feet apart. EM-61, EM-31, and gradiometer measurements were collected every five feet along each survey line. GPR data was collected along selected lines in order to profile EM-31 and EM-61 anomalies. EM-31 and EM-61 data was collected with data loggers. Data was downloaded to a computer and processed using various geophysical software applications.

3.0 Results

The lateral extent of geophysical surveying is shown on the attached Figures. EM-31, EM-61, and gradiometer surveying indicated the presence of several anomalies across the survey areas. The most prominent anomalies are contemporaneous with the escarpment which parallels the drainage area bordering the southern portion of the site. This suggests that whatever materials were dumped in this area appear to have disposed of just over the edge of the bank. Surface debris was observed along the escarpment and included motor vehicle parts, glass, concrete with rebar, and razor wire. Test pitting was conducted at selected locations of high amplitude EM anomalies that could not be attributable to the presence of surfacial metallic objects or debris.

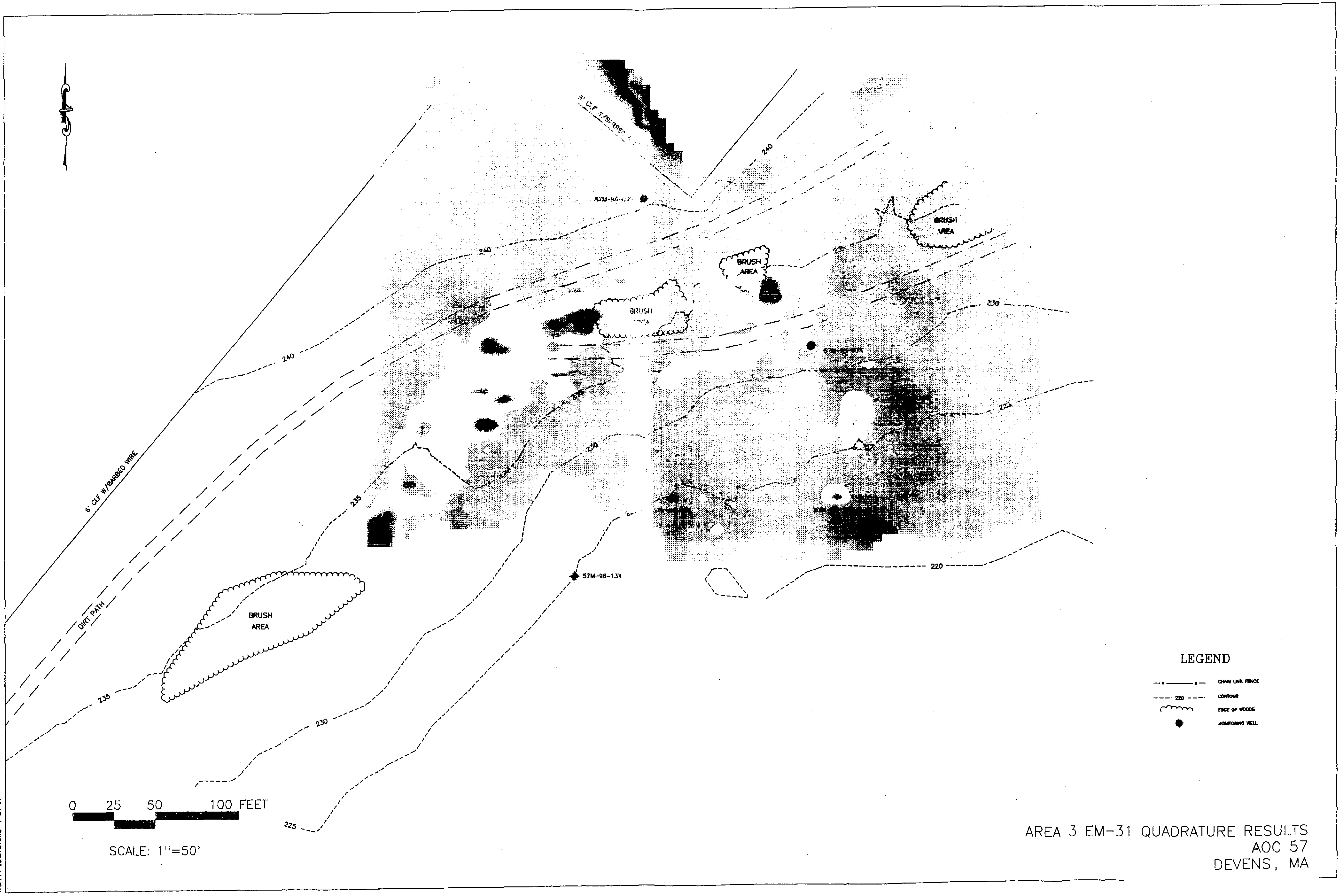


BARNUM ROAD
AREA 2
GEOPHYSICAL
SURVEY
PARKING LOT
BRUSH AREA
LEGEND
CHAIN LINK FENCE W/BARBED WIRE
CONTOUR
EDGE OF WOODS
MONITORING WELL
PIEZOMETER
SURFACE WATER/ SEDIMENT SAMPLE
TERRAPROBE
TEST PIT
BORING
PREVIOUS SEDIMENT SAMPLING LOCATION
STREAM FLOW
STREAM CHANNEL
LIMITS OF BORDERING VEGETATED WETLANDS
STONE SWALE
COLD SPRING BROOK
0 40 80 160 FEET
SCALE: 1"=80'
EM-31 QUADRATURE RESULTS
AOC 57/AREA 2
REMEDIAL INVESTIGATION REPORT
DEVENS, MA
T:\9144-03\AREA57A.DWG 2/12/97



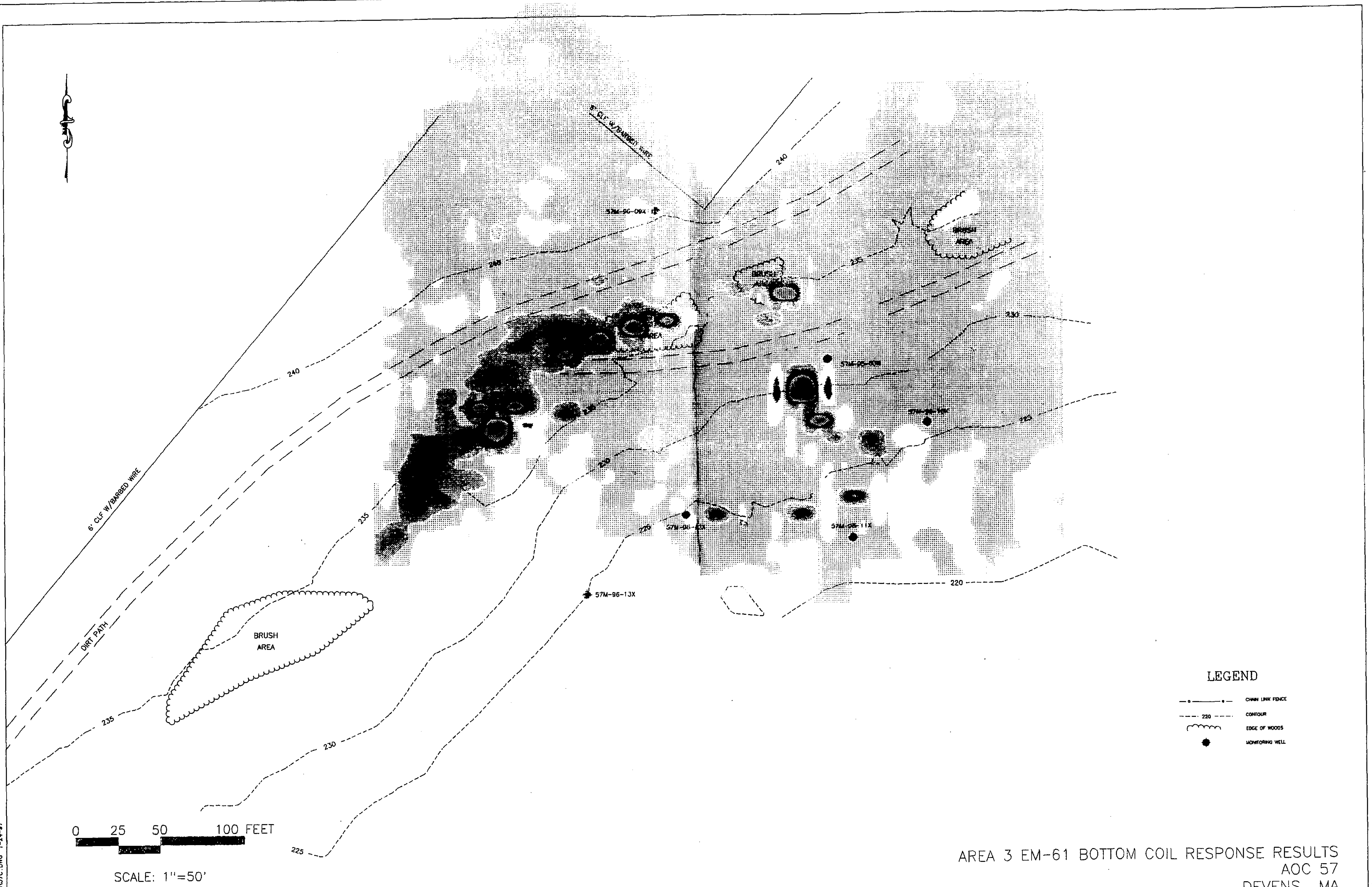
VERTICAL GRADIENT MAGNETIC RESULTS
AOC 57/AREA 2
REMEDIAL INVESTIGATION REPORT
DEVENS, MA

T:\9144-03\AREA57A.DWG 2/12/97



AREA 3 EM-31 QUADRATURE RESULTS
AOC 57
DEVENS, MA

T:\9144-03\57C.DWG 1-24-97



AREA 3 EM-61 BOTTOM COIL RESPONSE RESULTS
AOC 57
DEVENS, MA

T:\9144-03\57C.DWG 1-24-97

QUALITY CONTROL RESULTS AND ASSESSMENT

D-1 1993 ON-SITE AND OFF-SITE LABORATORY DATA

D-2 1996 ON-SITE LABORATORY DATA

D-3 1996 OFF-SITE LABORATORY DATA

D-4 1998 OFF-SITE LABORATORY DATA (SUPPLEMENTAL RI)

D-5 1999 OFF-SITE LABORATORY DATA (AREA 3 SOIL REMOVAL)

1993 ON-SITE AND OFF-SITE LABORATORY DATA

D.1.0 INTRODUCTION

This Data Quality Report (DQR) provides a detailed data quality assessment for off-site analytical data generated during site investigations conducted at Fort Devens during the fall 1995 at Areas of Concern (AOCs) 57, 63AX, and 69W. The DQR also addresses data collected in February of 1996, during the Round 2 Groundwater sampling event at AOCs 57, 63AX and 69W. The data quality assessment for the Round 2 Groundwater sampling event is presented separately within this report.

Samples collected during the investigations for off-site laboratory analyses were submitted to Environmental Science and Engineering (ESE), Gainesville, Florida. All laboratory data generated during the sampling programs were reviewed in terms of data quality objectives (DQOs) established in the Fort Devens Project Operations Plan (POP) (ABB-ES, 1995), published analytical methods (USEPA, 1988a; USEPA, 1989a) or applicable USEPA data validation guidelines (USEPA, 1988b; USEPA, 1989b). DQOs refer to a set of qualitative and quantitative statements that assess the data generated during the sampling and analysis phases of the project. The DQOs are defined by the parameters of precision, accuracy, representativeness, completeness, and comparability (PARCC). These parameters present an indication of the data quality, and the confidence that a particular compound may be present or absent in an associated environmental sample. This report describes the analytical methods performed at the on-site and off-site laboratories, and presents an assessment of data quality and usability for samples collected during the field investigations.

D.1.1 OFF-SITE LABORATORY ANALYTICAL METHODS

Subsurface soil, sediment, groundwater, and surface water samples were collected during the 1995 Fort Devens Site Investigation. Groundwater samples were collected during the Round 2 sampling event. Samples were analyzed for chemical parameters on the Fort Devens Project Analyte List (PAL). The PAL and analytical methodologies are outlined in the Fort Devens POP (ABB-ES, 1995). The analyses performed are summarized on Table D-1.

The USEPA has recently identified two general levels of analytical data quality, Screening with Definitive Confirmation and Definitive Data, which replace the former five levels of data quality (USEPA, 1993). All off-site laboratory data are considered Definitive Data.

The contract laboratory which completed analyses of all off-site analytical samples was Environmental Science and Engineering (ESE), Gainesville, FL. All analyses run by the contract laboratory were completed implementing the 1990 U.S. Army Toxic and Hazardous Materials Agency (USATHAMA) QA Program (USATHAMA, 1990). Method performance demonstration, data management, and oversight for USATHAMA analytical procedures are currently performed by the U.S. Army Environmental Center (USAEC). A discussion of AEC-certified methods used by ESE Laboratories for samples collected at Fort Devens is provided in Section 7.0 of the Fort Devens POP (ABB-ES, 1995) and methods are listed in Table D-1. This table includes a description of the methods used as well as equivalent EPA methods, where they exist. The USAEC method numbers (i.e., method JS16) are specific to the project and to the particular laboratory performing the analyses. For some analyses standard USEPA methods are used. These methods are also indicated on Table D-1.

A detailed discussion of the USAEC laboratory QA program is presented in Section 3.0 of this RI. The laboratory must document proficiency using each of the methods by meeting USAEC performance protocols. Once the laboratory has demonstrated this proficiency, they become certified to perform that particular method. It is through this certification process that certified detection limits (CRLs) are established. CRLs for USAEC methods and reporting limits (RLs) for standard USEPA methods are presented in Appendix B of the Fort Devens POP (ABB-ES, 1995).

D.2.0 OFF-SITE LABORATORY QUALITY CONTROL BLANK RESULTS

A quality control review was completed for off-site QC blanks including method blanks, rinse blanks and trip blanks which were analyzed at an off-site laboratory. Blank samples provide a measure of contamination that may have been introduced into a sample set either (1) in the field while samples were being collected or transported to the laboratory, or (2) in the laboratory during sample preparation and analysis. This discussion is intended to provide an evaluation of data generated at this laboratory based on method blank and field quality control blank data.

D.2.1 METHOD BLANKS

Method blanks were analyzed at the laboratory with each lot of samples to evaluate if sample processing and analysis resulted in sample contamination. Method blanks were performed for both water and soil samples for the following chemical classes: inorganics, VOCs, SVOCs, pesticides/PCBs. Method blanks were also analyzed using USEPA methods for hardness, alkalinity, TOC, TPHC, TDS, and TSS.

D.2.1.1 Inorganics

Four aqueous method blanks were analyzed by the laboratory for PAL inorganics during the 1995 Field Investigation. During the Round 2 Groundwater sampling event three aqueous method blanks were analyzed. All results for aqueous method blanks were below the respective CRLs indicating there was no inorganic contamination introduced at the laboratory.

Three soil method blanks were analyzed in association with field samples from the 1995 Fort Devens Investigation. Several elements were detected in soil method blanks. The frequency and concentration ranges of elements detected in these blanks are summarized in Table D-2. All results for mercury, selenium, arsenic thallium, antimony, silver, beryllium, cadmium, copper, chromium, cobalt, sodium, nickel, lead, vanadium, and zinc were below the CRLs.

Soil method blank analyses were conducted by the laboratory using a USAEC approved soil as the matrix. A Rocky Mountain Blend soil type was used. The high frequency and concentrations of many of the inorganics are due to background levels inherent in this soil and are consistent with previous data collected from analysis of this soil blend. As a result, elements reported for soil method blanks are not believed to represent laboratory introduced contamination.

Based on soil and aqueous method blank results, significant inorganic contamination was not introduced during laboratory handling and analysis.

D.2.1.2 VOCs

Method blanks were run with each lot of water and soil samples to determine if VOCs were introduced during laboratory handling and analysis.

Seven aqueous method blanks were analyzed for VOC contamination during the 1995 Field Investigation. No target compound results were above CRLs with the exception of acetone, methylene chloride, and chloroform. The concentration and frequency of detection for these compounds are shown in Table D-3.

Acetone and methylene chloride are considered common laboratory contaminants (USEPA, 1988b) and were likely introduced during laboratory handling. Chloroform is commonly produced in chlorinated drinking water supplies. The source of the chloroform in method blanks could potentially have been the off-site laboratory. These results indicate that low concentrations of acetone, methylene chloride, and chloroform may have been introduced during laboratory handling. Field samples collected at Fort Devens during the 1995 Site Investigation with detections of these compounds at similar concentrations may not be representative of site conditions.

Three aqueous method blanks were analyzed for VOC contamination during the Round 2 Groundwater sampling event. No results for target VOCs were above CRLs.

Ten method blanks were analyzed for VOCs in soil during the 1995 Field Investigation. No method blank compound results were at concentrations above the CRLs with the exception of toluene. Toluene was detected in two out of ten method blanks at concentrations ranging from 0.00096 μg/g to 0.001 μg/g. Theses results indicate that low concentrations of toluene may have been introduced during laboratory handling. Field samples collected at Fort Devens during the 1995 Field Investigation with similar concentrations of toluene may not be representative of site conditions.

D.2.1.3 SVOCs

Five aqueous method blanks were analyzed for SVOC contamination during the 1995 Field Investigation and three during the Round 2 Groundwater sampling event. The concentrations and frequency for compounds detected in aqueous method blanks are outlined in Table D-4. With the exception of diethyl phthalate and bis(2-ethylhexyl)phthalate, no target SVOCs were reported at concentrations above CRL values. Phthalates are referenced as common laboratory contaminant by the USEPA (USEPA, 1988b). Concentrations of diethyl phthalate and bis(2-ethylhexyl)phthalate reported in Fort Devens field samples may have been introduced as laboratory contamination. Dioctyl adipate (hexanedioic acid), dioctyl ester, and toluene, which are tentatively identified compounds (TIC) or non-target SVOCs, were also detected in method blanks.

Twelve method blanks for soil were analyzed for SVOC contamination during the 1995 Field Investigation. The concentrations and frequency for compounds detected in soil method blanks are outlined in Table D-5. No target SVOC results were at concentrations above CRLs with the exception of di-n-butyl phthalate. Di-n-butyl phthalate is considered a common laboratory contaminant by the USEPA (USEPA, 1988b) and was likely introduced during laboratory sample handling and extraction. Samples with similar concentrations of this compound are not considered representative of site conditions.

D.2.1.4 Pesticides/PCBs

Five aqueous method blanks and seven soil method blanks were analyzed for pesticide compounds and PCB during laboratory sample preparation and analysis during the 1995 Field Investigation. In addition, three water method blanks for PCBs and four water blanks for pesticides were analyzed for the Round 2 Groundwater sampling event. No pesticides/PCBs target compounds were at concentrations above CRL values, indicating no laboratory sample contamination occurred.

D.2.1.5 TPHC

Several analytical methods were used to measure and characterize petroleum hydrocarbons in aqueous method blanks. During the 1995 Field Investigation, five water method blanks were analyzed for total petroleum hydrocarbons (TPHC) by USEPA Method 418.1; four soil method blanks were analyzed for TPHC as diesel, gasoline and aviation gasoline by modified USEPA Method 8015; and six soil method blanks were analyzed for TPHC using USEPA Method 9071 to extract the soils followed by a method 418.1 analysis. One soil method blank analyzed by USEPA Method 9071/418.1 had 23 μg/g of TPHC reported. All other method blank results form the 1995 Field Investigation were below the corresponding RLs.

Two water method blanks were analyzed for TPHC by Method 418.1 during the Round 2 Groundwater sampling event with results below the RLs.

Based on method blank results, the off-site laboratory is not believed to be a significant source of TPHC contamination for the Fort Devens field samples; however, low concentrations (approximately 23 μg/g) of TPHC in soils may represent laboratory contamination..

D.2.1.6 USEPA Methods for Water Quality Parameters

Method blanks were analyzed using USEPA methods for the following parameters: nitrate and nitrite-nitrogen, kjeldahl-nitrogen, anions (chloride and sulfate), total phosphate, hardness, alkalinity, TOC, TDS, and TSS.

Four water method blanks were analyzed during the 1995 Field Investigation and two during the Round 2 Groundwater sampling event for nitrate and nitrite nitrogen using USEPA Method 352.1. No blanks had concentrations above the CRL of 10 μg/L. Nitrogen was also analyzed using the kjeldahl method for organic nitrogen, USEPA Method 351.2. Three water method blanks were analyzed in association with the 1995 Field Investigation and two for the Round 2 Groundwater sampling event. All results were less than the RL of 183 μg/L.

Four water method blanks (three during the 1995 Field Investigation and one during the Round 2 Groundwater sampling event) were analyzed for total phosphate by USEPA Method 365.2. All results were less than the CRL of 13.3 μg/L.

Anions in water (bromide, chloride, fluoride, and sulfate) were evaluated using ion chromatography, USEPA 300 Series Methods (USEPA, 1983). During the 1995 Field Investigation, one method blank was analyzed for bromide and fluoride, and four method blanks were analyzed for chloride and sulfate. Three additional water method blanks were analyzed in association with Round 2 Groundwater sampling event. All results for these method blanks were less than the corresponding CRLs.

During the 1995 Field Investigation, five water method blanks were analyzed for total dissolved solids (TDS) and total suspended solids (TSS) using USEPA Methods 160.1 and 160.2, respectively. One method blank contained TDS at 17000 μg/L and TSS at 8000 μg/L. The TDS and TSS concentrations for all other method blanks were below the RLs of 10,000 μg/L and 4,000 μg/L, respectively. Four water method blanks were analyzed during the Round 2 Groundwater sampling event for TDS and TSS. One blank contained TDS at 16,000 μg/L compared to the RL of 10,000 μg/L. TSS was detected in two method blanks at 6,000 μg/L and 7,000 μg/L compared to the RL of 4,000 μg/L. These results indicate that low concentrations of TDS and/or TSS may be reported due to laboratory processing.

Two aqueous method blanks were analyzed for hardness (USEPA Method 130.2) during the 1995 Field Investigation and four during the Round 2 Groundwater sampling event. All method blank results for hardness were below the RL of 1,000 μg/L.

Three water method blank samples were analyzed for alkalinity (USEPA Method 130.1) during the 1995 Field Investigation, and three during the Round 2

Groundwater sampling event. Three of these method blanks had alkalinity reported at 1,000 μg/L compared to the RL of 5,000 μg/L.

Four soil method blanks were analyzed during the 1995 Field Investigation for total organic carbon (TOC) concentrations using USEPA Method 9060. The TOC concentrations for these blanks were below the CRL of 360 μg/g.

Based on method blanks results for samples analyzed by USEPA methods, the data collected during the Fort Devens Site Investigation was not significantly impacted by laboratory contamination.

D.2.2 FIELD QUALITY CONTROL BLANKS

Field quality control blanks which were analyzed at the off-site laboratory include, rinse blanks, and trip blanks. Results from analyses of the field quality control blanks were used to evaluate the potential for contamination of samples during collection and shipment and processing at the off-site laboratory.

D.2.2.1 Rinse Blanks

Rinse blanks were used to evaluate the potential for field sampling (e.g., insufficient cleaning of sampling equipment) cross contamination of site samples. Rinse blanks were collected by pouring previously analyzed deionized water over sampling equipment (i.e., split-spoons, trowels, and shelby tubes) and into sample containers. Dedicated sampling equipment was used for the Round 2 Groundwater sampling event so collection of rinse blanks was not done. The rinse blanks collected during the 1995 Fort Devens Investigation were analyzed for the following chemical classes: inorganics, VOCs, SVOCs, and pesticides. Rinse blanks were also analyzed by USEPA methods for TOC and TPHC.

Inorganics. Six rinse blanks were analyzed for PAL elements during the 1995 Field Investigation. PAL elements were not detected at concentrations above the CRLs with the exception of mercury, lead, iron, potassium, and manganese. The concentration range and frequency of detection for these elements is shown in Table D-6. Detections of these elements may represent residual contamination left on the sampling equipment prior to the rinse blank collection. In general, the rinse blank data indicate that decontamination procedures were effective in the removal of residual inorganic contamination from the sampling equipment.

VOCs. Six rinse blanks were analyzed for VOCs during the 1995 Field Investigation. The concentration range and frequency for VOCs detected in rinse blanks above the CRL are shown in Table D-7.

The USEPA considers methylene chloride and acetone common laboratory contaminants (USEPA, 1988b). These compounds were detected in the method blanks as well as the rinse blanks, indicating they may represent laboratory contaminants. Fort Devens field samples with detections of these compounds at similar concentrations should be considered laboratory related contamination.

Detections of carbon tetrachloride, chloroform, and 1,1,1-Trichloroethane in Fort Devens Field samples at concentrations similar to those detected in rinse blanks (Table D-7) may be related to field sampling or decontamination procedures.

SVOCs. Six rinse blanks were collected during the 1995 Field Investigation and analyzed for SVOCs. The concentration range and frequency of detection for semivolatile compounds detected in rinse blanks is shown in Table D-8. With the exception of bis(2-ethylhexyl) phthalate and benzyl alcohol, all results for target SVOCs were at concentrations below CRLs. The presence of low concentrations of benzyl alcohol in Fort Devens field samples may be attributed to field sampling activities and not representative of actual site conditions. The USEPA Region I considers phthalates as common laboratory contaminants (USEPA, 1988b). Phthalates were detected in the method blanks as well as the rinse blanks indicating that they were likely introduced as laboratory contamination.

Several SVOC TICs including N,N-diethyl-3-methylbenzamide (N,N-diethyl-m-tolumide), and benzyl adipate were detected in one rinse blank. Six additional unknown non-target SVOCs were detected in the rinse blanks at concentrations ranging from 4 μg/L to 10 μg/L; however, most of these unknown constituents were also detected in the method blanks indicating that the contamination was laboratory related.

Pesticides/PCBs. Four rinse blanks were analyzed for pesticides and PCBs during the 1995 Field Investigation. All results for pesticides and PCBs were below CRLs. The lack of pesticides and PCBs detected indicates there is no evidence of cross contamination during field sampling.

USEPA Methods. During the 1995 Field Investigation, three rinse blanks were analyzed for TOC and all results were at concentrations below the RL of 1000 μg/L. Six rinse blanks were analyzed for TPHC. Concentrations of TPHC in all blanks were below the RL of 100 μg/L. These data indicate contamination of TOC and TPHC during field sampling did not occur.

D.2.2.2 Trip Blanks

Trip blanks are analyzed to assess the potential for cross contamination of VOCs during sampling, transit, and storage. The trip blank consists of a VOA sample container filled at the contract laboratory with DI/carbon filtered water and shipped to the site with the other VOA sample containers. Trip blanks were included with each shipping container of field VOC samples.

Sixteen trip blanks were collected and analyzed in association with samples analyzed for VOCs from the Fort Devens 1995 Site Investigation and two from the Round 2 Groundwater sampling event. Target VOCs and associated TICs detected in the trip blanks, including the frequency and range of concentrations are shown in Table D-9.

The USEPA considers acetone and methylene chloride common laboratory contaminants (USEPA, 1988b). Acetone, methylene chloride, and chloroform were detected in the method blanks as well as the trip blanks indicating they were introduced at the laboratory. Fort Devens field samples with concentrations of these compounds in the range detected in trip blanks and method blanks, are not considered representative of site conditions at Fort Devens.

The presence of carbon tetrachloride and tetrachloroethene in trip blanks indicates that cross contamination may have occurred in shipment or handling of the field samples. However, no carbon tetrachloride or tetrachloroethene was detected in samples from AOC 63AX.

D.3.0 ACCURACY OF OFF-SITE LABORATORY DATA

Accuracy is a quantitative parameter that determines the nearness of a result to its true value. Accuracy measures the bias in a measurement system. The accuracy of each analytical method was evaluated based on percent recoveries for matrix spikes and/or surrogate standards.

A matrix spike is a sample of a particular matrix to which predetermined quantities of standard solutions of certain target analytes were added prior to sample extraction/digestion and analysis. Samples were spilt into replicates, one replicate was spiked and both aliquots were analyzed.

Accuracy was also evaluated using the recovery of surrogate standards in the volatile and semivolatile analyses. Surrogate standards are organic compounds which are similar to the analytes of interest in chemical composition, extraction, and chromatography, but which are not normally found in environmental samples. These compounds are spiked into all volatile and semivolatile samples prior to analysis.

Percent recovery of matrix spikes and surrogate spikes provide and indication of data accuracy and potential data bias from matrix related effects. Percent recovery was calculated using the equation shown in Section 3.3 of the Fort Devens POP (ABB-ES, 1995). The percent recovery for these QC samples were evaluated and are discussed below.

D.3.1 Matrix Spikes

Soil, sediment, surface water and groundwater samples were used for matrix spike and matrix spike duplicate analysis. Spiked samples were analyzed for hardness, alkalinity, nitrate and nitrite-nitrogen, kjeldahl-nitrogen, sulfate, total phosphate, TPHC, TOC, PAL inorganics, and PAL pesticide/PCBs. Matrix spike and matrix spike duplicate (MS/MSD) samples were collected at a rate of one per twenty environmental samples. A summary of all MS/MSD data collected during the Fort Devens Site Investigations are presented in Table D-10 and Table D-11.

The spike data for all samples collected during 1995 Fort Devens Site Investigation were evaluated together, and are discussed below as one data set. Similarly, all groundwater spiked samples collected during the Round 2 Groundwater sampling event were evaluated collectively. The data have been segregated by method and by analytical parameter to show recovery trends of the individual spiked analytes. In the tables, matrix spikes have been paired with the corresponding matrix spike duplicates to make recovery comparisons. The average recoveries, and maximum and minimum recoveries for water samples (surface water and groundwater) and solid media (subsurface soil and sediment) are presented to measure trends for each particular method. The criteria used for interpreting MS/MSD data are taken from USEPA CLP analytical protocols (USEPA, 1988a; USEPA, 1989a) and the Fort Devens Project Operations Plan (ABB-ES, 1995).

D.3.1.1 Inorganics

Matrix spike analysis was completed for recoveries of PAL elements. USEPA CLP guidelines specify control limits of recovery for inorganic MS/MSD 75% to 125% (USEPA, 1988). The majority of PAL elements had recoveries within USEPA control limits. A subset of elements had recoveries outside these limits. Elements with at least one MS/MSD recovery outside USEPA CLP limits are presented in Table D-12.

Groundwater, 1995 Field Investigation. The following samples were spiked with target elements: one filtered and unfiltered groundwater sample from AOC 57; one unfiltered groundwater sample from AOC 69W; one filtered groundwater and two unfiltered groundwater samples from AOC 63AX. Elements with recoveries outside the USEPA CLP limits include mercury, arsenic, antimony, calcium, iron, and manganese.

For the elements arsenic, calcium, manganese, and iron, all matrix spike concentrations were low relative to concentrations already present in the sample. For example, the spike concentration for calcium was 10,000 μg/L compared with sample concentration which was 52,800 μg/L. USEPA Region 1 data validation guidelines (USEPA, 1989b) specify spike concentrations be greater than four times the sample concentration for data qualification actions to reply. Since the spike concentration is insignificant relative to the sample concentration, an accurate matrix spike recovery cannot be measured. Based on these results, results for arsenic, calcium, and manganese in groundwater are not qualified in this RI.

Percent recoveries for mercury and antimony were slightly below the lower CLP control limit of 75% in a small subset of samples. Low recoveries for antimony and mercury were only observed in one or two of sixteen samples, respectively. Based on this data, mercury and antimony data for aqueous samples is not qualified.

Groundwater, Round 2. The following samples were spiked with target elements: one filtered and unfiltered groundwater sample from AOC 57, 63AX and 69W; and one additional unfiltered groundwater sample from AOC 63AX. The majority of PAL elements had recoveries within USEPA control limits. A subset of elements had results outside these limits. Elements with recoveries outside the USEPA CLP limits include lead, selenium, arsenic, antimony and manganese.

Spike recoveries for arsenic in one out of fourteen samples were above the upper control limit of 125%. The recovery in this sample was 135.7%; however, the spiked sample duplicate recovery was acceptable (124.3%). The low frequency of outlier recoveries for arsenic indicate there was minimal matrix related effects and no qualification of results was conducted.

For manganese, the matrix spike concentration was low relative to concentrations already present in the sample so matrix spike recovery cannot be measured.

Low spike recoveries were reported for lead and selenium in both the filtered and unfiltered sample and duplicate from AOC 57 (MXG302X2). These data suggest there may be some matrix interference in AOC 57 groundwaters reported for lead and selenium. Lead and selenium were not detected in any samples. CRLs reported for these elements should be considered estimated and potentially biased low. Lead and selenium recoveries in the remaining ten samples evaluated were all acceptable.

The percent recoveries for antimony were low in several spiked samples. A total of six out of fourteen spiked samples had recoveries below the lower control limits. Outlier recoveries ranged from 39.5% in the sample and sample duplicate MXG302X2 and MDG302X2 to 74.9% in sample MXAX08A2. Antimony was not detected in any groundwater samples. Based on these data, antimony CRLs for aqueous samples are considered estimated and potentially biased low.

Surface Water. One surface water sample from AOC 57 (WX5705XX), including both filtered and unfiltered samples, was spiked with target elements. All elements had percent recoveries for MS/MSDs within the USEPA CLP limits with the exception of iron. The MS for iron in the filtered surface water sample had a recovery of 129%; however, iron recovery for the filtered MSD was acceptable (118%) and results are not qualified. Recoveries of iron in the unfiltered sample were acceptable. Overall, the inorganic spike data indicate that aqueous concentrations were not significantly influenced by matrix effects.

Soil. Five soil MS/MSD samples were analyzed for PAL inorganics; for lead analyses three matrix spike and matrix spike duplicate samples were analyzed by GFAA and two by ICP. The majority of PAL elements had recoveries within CLP limits. Elements for which at least one MS/MSD recovery was not within USEPA CLP limits are presented in Table D-13.

For the elements aluminum and iron, all matrix spike concentrations were low relative to concentrations already present in the sample. Since the spike concentrations were insignificant relative to sample concentrations, matrix spike recoveries were not assessed.

The elements mercury, selenium, lead (by GFAA), arsenic, manganese, and nickel in soil had MS/MSD recoveries above and below the USEPA CLP recovery range. The frequency at which the recovery was outside the USEPA CLP limits, and corresponding recovery ranges are shown in Table D-13.

For mercury, MS/MSD recoveries in soil sample EX571501 from AOC 57 were below the USEPA control limits; however, recoveries in the other eight spiked samples were within the control limits. Overall, mercury concentrations for soil samples are acceptable based on the MS/MSD recovery data, and qualification of the data was not conducted.

One selenium MS/MSD pair had recoveries just below the lower control limit, and two other pairs had recoveries above the upper control limit. Based on spike recovery data, positive detections of selenium in soil are considered estimated with no particular low or high bias.

The recovery of lead by GFAA ranged from 50% to 60% in two of the three MS/MSD pairs, slightly below the lower limit of 75%. Recoveries in the third pair were 23.7% and 140.5%. Recoveries of lead in the two pairs of MS/MSD analyzed by ICP were all acceptable. Results indicate lead results for soil analyzed by GFAA are estimated, and results may be biased low.

Five out of ten spiked soil samples had arsenic recoveries above the USEPA control limit. One spiked soil sample (BXAX0206) was reported below the lower limit; however, the spike concentration in this sample was low relative to the concentration already present in the sample so recovery evaluations could not be made. The high recoveries of arsenic in 50% of the spiked soil samples indicate that there may be some matrix interference. Results for arsenic in soil samples should be considered estimated and potentially biased high.

Manganese recoveries were outside the control limit in seven out of the ten MS/MSD samples. However, with the exception of one sample (BX570319), all MS were low relative to the sample concentration making the comparison invalid. The recovery in the sample BX570319 (68.6%) was just below the lower control limit of 75%. Due to the low frequency of valid outlier recoveries of manganese, the soil matrix does not appear to have significantly impacted the data. Qualification of manganese data based on spike recoveries in soil was not conducted.

The recovery for nickel (128.3%) in soil sample BXAX0206 was slightly above the upper control limit. All nine other MS/MSD recoveries ranged from 104% to 118%. Based on theses results, recovery of nickel in soil does not appear to be impacted by the soil matrix. Qualification of nickel data for soil was not conducted.

Sediment. Two sediment MS/MSD samples were analyzed for PAL inorganics; for lead analyses one MS/MSD sample was analyzed by GFAA and one by ICP. The majority of PAL element recoveries were within CLP control limits.

Elements for which at least one MS/MSD recovery was not within USEPA CLP limits are presented in Table D-14.

For the elements aluminum and iron, all matrix spike concentrations were low relative to concentrations already present in the sample. Since the spike concentration is insignificant relative to sample concentrations, an accurate matrix spike recovery was not evaluated.

The elements arsenic, antimony, and manganese in sediment samples had MS/MSD recoveries above and below the acceptable USEPA CLP recovery range. The frequency at which the recoveries were outside the USEPA CLP limits and the recovery ranges are shown in Table D-14.

The arsenic MS/MSD recoveries for one out of the two sediment samples were approximately 12%, well below the USEPA control limits. The sample was DX2W0200 collected from AOC 69W. Due to the low MS recovery, positive results for arsenic in sediment samples from AOC 69W should be considered biased low, and non-detect results are unusable.

Percent recoveries for antimony in sediment samples were slightly above the upper USEPA control limit of 125% in two of the four samples. The recoveries in these samples were 126% and 126.7%, indicating that matrix effects for sediment were minimal. All sediment results for antimony are considered acceptable based on the MS/MSD results for accuracy, and qualification of the data was not conducted.

Manganese recoveries for MS/MSDs in sediment were acceptable in three of the four samples analyzed. The recovery in one MS for sample DXZW0200 from AOC 69W was only 4%, well below the USEPA control limit of 75%. Due to the low MS recovery, positive results for manganese in sediment samples from AOC 69W should be considered biased low, and non-detect results should be considered unusable.

D.3.1.2 Pesticides/PCBs

Pesticide and PCB compounds were spiked into groundwater, surface water, soil and sediment samples to evaluate matrix effects. Nine target pesticide and two PCB compounds were used for spiking including endosulfan I, endosulfan II, aldrin, dieldrin, endrin, heptachlor, isodrin, lindane, methoxychlor, 4,4'-DDT, aroclor 1016, and aroclor 1260. Percent recoveries for pesticides were compared to the USEPA CLP guidelines (USEPA, 1988) control limits. The USEPA CLP guidelines do not specify limits for spike recoveries of endosulfan I, endosulfan II, isodrin, methoxychlor, and PCBs. For these compounds, the surrogate recovery control limits of 30% to 150% specified in the USEPA CLP Guidelines (USEPA, OLM03.1 August 1994) were used as guidance in evaluating spike recoveries.

Groundwater, 1995 Site Investigation. Three groundwater samples, one from AOC 57, 63AX and 69W, were spiked with pesticides and PCBs. Recoveries were within USEPA limits for all spike compounds with the exception of aldrin in one of six spiked samples. A recovery of 121% was reported. This exceeds the upper control limit of 120%. Due to the low frequency of recoveries out of limits no qualification of results is done.

Groundwater, Round 2. Three groundwater samples, one from each of the AOCs 57, 63AX and 69W, were spiked with target pesticides. Two groundwater samples, one from AOC 63AX and one from AOC 69W were spiked for PCBs. The recoveries of all analytes were within USEPA limits.

Surface Water. One surface water sample from AOC 57 was spiked with target pesticides and PCBs. All spike recoveries were within the USEPA CLP control limits for aqueous samples. The aqueous MS/MSD recovery data for pesticides/PCBs indicate that there were no matrix effects and qualification of the data was not required.

Soil. Four MS/MSD soil sample pairs from AOC 57 were spiked with pesticide and PCB compounds. The majority of spike analytes were within recovery limits. Analytes for which at least one MS/MSD recovery was not within USEPA CLP limits are presented in Table D-15.

The recovery of endosulfan II in soil sample EX571502 exceeded the upper control limit in both the MS and MSD. However, recoveries of endosulfan II in the three other spiked sample pairs were within limits. Both MS and MSD spike recoveries for 4,4-DDT in sample EX571600 exceeded the upper control limits but recoveries in the remaining three soil samples were within control limits.

Spike recoveries for aroclor 1016 were acceptable; however, one of the spike recoveries for aroclor 1260 in sample EX571502, and both MS and MSD recoveries in sample EX571502 were above the upper control limit. The original analysis reported high aroclor 1260 concentrations relative to spike concentrations and no actions were taken for the high recoveries.

High recoveries of endosulfan II, 4,4-DDT, and Aroclor-1260 in soil indicate some matrix interference. There were no detects of endosulfan II in AOC 57 samples. Positive results for 4,4-DDT in soil samples collected at AOC 57 should be considered estimated and potentially biased high.

Sediment. Two sediment samples, one from AOC 57 and one from AOC 69W, were spike with target pesticides and PCBs. The percent recoveries of the spiked samples were compared to the USEPA CLP control limits and all recoveries were within the criteria range with the exception of 4,4-DDT. One out of the four reported recoveries for 4,4-DDT (166.7%) exceeded the upper control limit of 134%. Based on the low frequency of exceedances for recovery of 4,4-DDT qualification of sediment data was not conducted.

D.3.1.3 USEPA Methods

Matrix Spike recoveries for USEPA methods water quality parameters were evaluated for groundwater and surface water. The matrix recoveries for soil and sediment were also evaluated for TOC, TPH as gasoline and diesel, and TPHC.

For water quality parameters of hardness, alkalinity, nitrate and nitrite-nitrogen, kjeldahl-nitrogen, sulfate, and total phosphate, the USEPA CLP control limits for inorganic matrix spikes (75% - 125% recovery) were used for guidance. Professional judgement was used when evaluating the organic parameters TOC and TPHC. The MS/MSD recoveries for these parameters were evaluated on a sample by sample basis and are discussed below.

<u>Groundwater, 1995 Field Investigation</u>. Five groundwater samples were spiked for hardness including three groundwater samples from AOC 57, one from AOC 63AX, and one from AOC 69W. Hardness data for which at least one MS/MSD recovery was not within USEPA CLP limits are presented in Table D-16.

Four out of eight spike recoveries for hardness were well below the lower control limit of 75%. The outlier recoveries were found in the samples MXAX02X1 and MXZW01X3 from AOCs 69W and 63AX, respectively, and one of the two samples (MX5701X1) from AOC 57. Based on these results, there appears to be either significant matrix interference or other analytical performance issues resulting in low spike recoveries. With the exception of groundwater sample MXG302X1 in which acceptable hardness recoveries were reported, all hardness results for groundwater samples should be considered invalid.

For alkalinity three groundwater samples from AOC 57 and one groundwater sample from AOC 69W were spiked for matrix evaluation. All spiked sample recovery results for alkalinity are within control limits. According to the data downloaded from IRDMIS, percent recoveries for alkalinity reported for Lot PJOW exceed the control limits. However, the high recoveries are believed to be erroneous due to a unit conversion error for two spiked samples in Lot PJOW. Corrective action for this discrepancy is currently ongoing.

Spike sample recoveries for all other water quality parameters were within the established control limits indicating no matrix effects.

Groundwater, Round 2. Five groundwater samples were spiked for hardness including two groundwater samples from AOC 57, one from AOC 63AX and AOC 69W. Two sets MS/MSDs were analyzed for the sample from AOC 63AX. Hardness data for which at least one MS/MSD recovery was not within USEPA CLP limits are presented in Table D-16.

Two spike recoveries for hardness were well below the lower control limit of 75%. The outlier recoveries were found in the sample MXAX03X2 from AOC 63AX. However, an additional spike and spike duplicate analysis for this sample was performed and results were within the control limits. Based on these results, there does not appear to be any significant matrix effects impacting the hardness data. All hardness results for groundwater samples remained unqualified.

For alkalinity, two groundwater samples from AOC 57 and one groundwater sample from AOC 69W were spiked for matrix evaluation. All recovery results for alkalinity are within the established guidelines.

Spike sample recoveries for all other water quality parameters were within the established control limits indicating no matrix effects. Spike recovery control limits for TPHC are not available; however, spike recoveries ranged from 89% to 97.9% and are considered acceptable.

Surface Water. One surface water sample from AOC 57 (WX5705XX) was spiked to evaluate matrix effects on the measurement of water quality parameters listed above. All results were within the established control limits indicating no matrix interference.

Soil. Two MS/MSD soil sample pairs from AOC 57 were spiked and analyzed for matrix effects on concentrations of TPH as diesel and gasoline by Modified USEPA Method 8015. The recovery range for these samples was 74.9% to 112.4%. Based on these results, there does not appear to be any adverse effects on the TPHC data analyzed by USEPA Method 8015.

A total of seven spiked sample pairs were analyzed for matrix effects on TPH by USEPA Method 9071/418.1. These samples included three soil samples from AOC 57, three from AOC 63AX, and one from AOC 69W. The majority of samples had percent recovery ranging from 71.0% to 128.6%. The spike recoveries outside this range included one sample from AOC 57 (EX571502) which exhibiting relatively low recoveries of 29.2% and 43.7% in the MS and MSD, and one sample from AOC 63AX (AXE9503X) in which the MS had a relatively low recovery of 52.6%. In general, spike recoveries for TPH by USEPA Method 9071 in all other soil samples indicated acceptable method performance. Low recoveries in samples EX571502 and AXE9503X may be attributed to sample homogeneity in the unspiked samples and are not likely an indication of poor method performance. Based on the spike recoveries for TPHC, qualification of the data was not conducted.

Four soil samples were spiked for TOC analysis, including two from AOC 57, and two from AOC 69W. The recovery of these spiked samples ranged from 77.5% to

132.3%. Based on these results, there appears to be no matrix related effects on TOC concentrations in soil.

Sediment. Two pairs of sediment MS/MSD samples, one from AOC 57 and one from AOC 69W, were analyzed for matrix effects on petroleum hydrocarbon concentrations. Recoveries ranged from 88.9% to 171.9% for TPH as diesel, and 84.2% to 162.3% for TPH as gasoline, indicating good method performance.

The spike recoveries of TPHC for USEPA Method 9071 were 4.3% and 51.4% in the MS and MSD in sample DX570500 from AOC 57. These spike recoveries are low in comparison the spike recoveries observed for the second sediment sample (DXZW0200) which were approximately 117% in the MS and MSD. Low spike recoveries in sediment sample DX570500 may be attributed to sample heterogeneity or from matrix interference. All positive sediment sample results for TPHC for AOC 57 sediments should be considered estimated and biased low, and all non-detect results should be considered invalid.

Matrix spike and MSDs were analyzed for two sediment samples from AOC 57 to evaluate matrix effects on TOC concentrations. The percent recoveries in sample DX570500 ranged from 83.9% to 125.0% indicating good accuracy within the matrix. Spike recoveries for the second sediment sample from AOC 57 (DX570900) were only 0.9% and 54.0%. This sample had a high TOC concentration in the original sample which likely contributed to the low recoveries. No qualification of results was conducted.

D.3.2 SURROGATE RECOVERIES

In addition to matrix spikes, the recovery of surrogate standards were also used to assess matrix effects and accuracy of the analytical data. Surrogate standards were used for VOC and SVOC analyses and were added to all soil, sediment, surface water and groundwater samples prior to analysis.

D.3.2.1 SVOC

The SVOC surrogate standards used to evaluate matrix effects and analytical accuracy included 2-fluorophenol, phenol-D6, 2,4,6-tribromophenol, nitrobenzene-D5, 2-fluorobiphenyl, and terphenyl-D14. Recovery criteria for these surrogates, are taken from analytical USEPA CLP protocols (USEPA, 1988a) and the Fort Devens Project Operations Plan (ABB-ES, 1995) and are presented in Table D-17.

Interpretations on data usability were based on guidance outlined in the USEPA Region I Functional Guidelines for Data Validation (USEPA, 1988). According to this guidance SVOA sample results are qualified based on independent evaluations of surrogate recoveries for acid fraction compounds and base-neutral compounds. Each fraction has three surrogates. The acid fraction surrogates include 2-flourophenol, phenol-D6, and 2,4,6-tribromophenol. The base-neutral surrogate standards include nitrobenzene-D5, 2-flourobiphenyl, and terphenyl-D14. SVOA positive results are qualified as estimated if two or more surrogates in either the acid or base-neutral fraction are outside the recovery limits. Positive results are qualified as estimated and negative (non-detect) results are qualified as unusable (rejected) if any surrogate is less than ten percent recovery for the associated fraction.

All SVOA samples were evaluated using the criteria outlined above. Sample results were identified as usable, estimated, or rejected based on the USEPA Region I Guidelines. Data bias was identified if trends in surrogate recoveries for individual samples indicated low or high bias.

Groundwater, 1995 Field Investigation. All SVOC results for groundwater samples meet USEPA surrogate standard recovery guidelines.

Groundwater, Round 2. All surrogate standard recovery data is within USEPA guidelines. Based on surrogate standard recoveries, qualification of sample data was not conducted.

Surface Water. Surface water samples with two or more surrogate standards from acid fraction with recoveries outside the acceptable QC limits included samples from AOC 57 sample (WX5704XX, WX5705XX ,WX5706XX, WX5710XX). Surrogate recoveries above the control limits for 2-fluorophenol and phenol-D6 were observed for these samples. No acid fraction compounds were detected in any of the surface water samples and no qualification of results was conducted.

Soil. Soil samples with two or more surrogate standards from the acid fraction with recoveries outside the acceptable QC limits included AOC 57 samples EX570405 and BX570200. High outlier recoveries for 2-fluorophenol and phenol-D6 were reported for these samples. Soil sample EX572404 had two surrogate standards in the base-neutral fraction (2-fluorobiphenyl and nitrobenzene-D5) with high recoveries. No acid fraction compounds were detected in these samples and no qualification of results was conducted. No base neutral fractions compounds were reported in these two samples, and no qualification of results was conducted.

All soil samples spiked with SVOC surrogate standards had recoveries above the 10% minimum recovery criteria with the exception of 2,4,6-tribromophenol in sample EX571602. All non-detect results in the acid fraction of this sample are rejected and considered unusable.

Sediment. All sediment samples had recoveries of surrogate standards within the USEPA CLP limits. All SVOC surrogate results for sediment samples are within guidelines.

D.3.2.2 VOCs

Surrogate standards used for volatile organics include 1,2-dichloroethane-D4, 4-bromoflourobenzene, and toluene-D8. The criteria used for interpreting surrogate data are taken from analytical USEPA CLP protocols (USEPA, 1988a) and the Fort Devens Project Operations Plan (ABB-ES, 1995) and are presented on Table D-18. Interpretations on data usability were based on guidance outlined in the USEPA Region I Functional Guidelines for Data Validation (USEPA, 1988). According to the guidelines, positive results and quantitation limits are considered estimated values if one or more surrogate standard per sample is outside the recovery limits. If any surrogate standard is recovered at less than ten percent, positive results are considered estimated values and non-detect results are rejected and considered unusable.

All VOC samples were evaluated using the criteria outlined above. Sample results were identified as usable, estimated, or rejected based on the USEPA Region I Guidelines. Data bias was identified if trends in surrogate recoveries for individual samples indicated low or high bias.

Groundwater, 1995 Field Investigation. The surrogate recoveries for groundwater samples at AOCs 57, 69W and 63AX were evaluated for matrix effects and accuracy of the analytical data. All samples had recoveries within CLP ranges with the exception of those discussed below.

Five groundwater samples from AOC 57 (MX5702X1, MX5703X1, MX5705X1, MX5706X1, MDG307X1), one sample from AOC 69W (MXZW12X3), and three samples from AOC 63AX (MXAX03X1, MXAX07X1, MXAX08X1) had surrogate recoveries for 1,2-dichlorobenzene-D4 above the CLP criteria. Positive results for VOCs in these samples should be considered estimated, and possibly biased high; however, no positive detections were reported in samples MX5702X1, MX5705X1, MX5706K1, MD6307X1, and MX1X08X1. Sample MXAX03X1 had only chloroform reported, which was likely a contaminant (see Section 2). Positive results for ethylbenzene, tetrachloroethene, toluene, xylenes, and chloromethane reported in MX5703X1, MXZW12X3, and MXAX07X1 are considered estimated and potentially biased high.

Groundwater samples, MXAX08B1 and MXAX09X1 from AOC 63AX, had surrogate recoveries for toluene-D8 and 4-bromoflourobenzene below the lower control limits for these standards. Based on these results, positive results and CRLs reported for volatile organics, these samples should be considered estimated, and biased low values.

Groundwater, Round 2. The surrogate recoveries for groundwater samples at AOCs 57, 69W and 63AX were evaluated for matrix effects and accuracy of the analytical data. All samples had recoveries within CLP ranges with the exception of those discussed below.

Four groundwater samples from AOC 63AX (MXAX02X2, MXAX03X2, MXAX04X2, and MXAX08B2) and six samples from AOC 69W (MXZW10X4, MXZW11X4, MXZW14X4, MXZW15X2, MXZW18X2, and MDZW11X4) had surrogate recoveries for 1,2-dichlorobenzene-D4 above the CLP criteria. Positive results for VOCs in these samples should be considered estimated, and biased high; however, no positive detections, or only low concentrations of toluene (< 1.2 μg/L) were reported in all samples with the exception of MXZW10X4. The concentration of ethyl benzene reported in MXZW10X4 is estimated and potentially biased high.

Surrogate recoveries for toluene-D8 and 4-bromoflourobenzene ranged from 86% to 106%, and 88% to 100%, respectively. All recoveries were within the control limits.

Surface Water. The recovery of surrogate standard 1,2-Dichloroethane-D4 in surface water samples WX5704XX and WX5705XX from AOC 57 exceed the upper control limit. No VOCs were reported in WX5704XX. Positive results reported for 1,2-dichloroethene, tetrachloroethene, and trichloroethene in surface water sample WX5705XX are considered estimated and potentially biased high. The recoveries for all other surrogate standards in surface water samples were within the established guidelines.

Soil. The recoveries of surrogate standards toluene-D8 and 4-bromoflourobenzene in soil sample BXZW0107 from AOC 69W exceeded the upper control limit. Positive concentrations of ethylbenzene and xylenes in this sample are estimated and possibly biased high. The surrogate recovery for toluene-D8 in one sediment sample from AOC 69W (RXZW3006) also exceeded the upper control limit. Positive results for toluene, xylene, and styrene should be considered estimated, and potentially biased high. All other VOC surrogate standard recoveries for soil samples were acceptable.

Sediment. Several surrogate recoveries reported for sediment samples from AOC 57 were above the upper control limits. These sediment samples include DX570500, DX570502, DX570600, DX570800, DX570900, and DX571000. Only acetone and low concentrations of toluene (< 0.01 μg/g) were reported in these samples. Because acetone represents possible laboratory contamination, and concentrations of toluene were so low, no qualification of these results was conducted. All other VOC surrogate standard recoveries for sediment samples were acceptable.

VOC surrogate recovery data indicate some matrix related effects. As indicated some sample results should be considered estimated with potential high and low bias, but overall the accuracy of the GC/MS method used for VOC analyses was acceptable.

D.4.0 PRECISION

Precision is a measure of the reproducibility of the analytical results under a given set of conditions. It is a quantitative measure of the variability of a group of measurements compared to their average value. Precision is measured as the relative percent difference (RPD) between a sample and its duplicate, as is calculated for field duplicate samples, and matrix spike/matrix spike duplicate samples. The following equation is used to calculate the RPD.

$$RPD = 100\ X\ \frac{\lvert D_1 - D_2 \rvert}{0.5(D_1+D_2)}$$

D_1 and D_2 are the reported concentrations for sample duplicate analyses.

When measuring precision for organic analyses, the RPDs of the field duplicates are compared to established review criteria. The RPDs for field duplicates are compared to the acceptance criteria of 50% RPD for soil matrices and 30% RPD for water matrices (USEPA, 1988b). The criteria for RPDs for organic compounds in field duplicates did not apply in cases where: 1.) the results are non-detect and; 2.) the compounds detected are common lab contaminants. In cases where one organic result is non-detect, the CRL value was used to calculate the RPD. The acceptance criteria for inorganic analysis for field duplicate samples only applies to analytes that are greater than 5 times the CRL (USEPA, 1989b).

Precision is also evaluated by comparison of MS and MSD results. The USEPA CLP control limits were used to evaluate duplicate precision between MS and MSDs. In cases where USEPA CLP control limits for spikes are not available, such for inorganics and various USEPA analytical methods, the control limits for field duplicates listed above were used as guidance.

A discussion of the RPDs for field duplicates is presented below in Section 4.1, and the RPDs for MS/MSDs are presented in Section 4.2.

D.4.1 OFF-SITE LABORATORY FIELD DUPLICATE RESULTS

Duplicate samples from AOCS 57, 63AX, and 69W at Fort Devens were collected to measure the sampling and analytical precision for analyses performed at the off-site laboratory. The duplicate samples were analyzed for the following Fort Devens PAL analytes: inorganics; VOCs; SVOCs; pesticide and PCBs. Aqueous field duplicate samples were also analyzed for various water quality parameters including hardness, alkalinity, sulfate, phosphate and nitrogen. Soil and sediment field duplicate samples were also analyzed for TOC and TPHC.

All field duplicate data collected during the Fort Devens Site Investigations are shown in Table D-19 and Table D-20. The RPD has been calculated for each pair of field duplicates collected during the 1995 Fort Devens Site Investigation, and the Round 2 Groundwater sampling event.

D.4.1.1 Inorganics

An analysis of the precision of the inorganic duplicate data was completed for each PAL element.

Groundwater, 1995 Field Investigation. The concentrations of inorganics in three groundwater samples and corresponding field duplicates were used to evaluate sampling and analytical precision for elements. One sample duplicate from each of the three AOCs (57, 63AX, and 69W) were collected. The RPDs of all inorganic groundwater concentrations for duplicates were below the USEPA Region I limits with the exception of iron. However, outlier RPDs for iron were only observed in one out of three sample duplicate pairs. Groundwater sample results for elements were not qualified based on duplicate results.

Groundwater, Round 2. The concentrations of inorganics in four filtered and unfiltered groundwater samples duplicate pairs were used to evaluate precision for elements. One sample duplicate pair from each of the three AOCs (57, 63AX, and 69W) and one additional sample duplicate pair from AOC 57 were collected. Elements for which at least one outlier RPD was observed are shown in the Table D-21. Outlier RPDs were observed for arsenic, iron, and barium ; however, the frequency at which an outlier RPD was observed was low. Groundwater data for these elements were not qualified based on duplicate precision results.

Surface Water. One surface water sample and duplicate were collected and evaluated for precision. The RPDs of all inorganic concentrations were within the

USEPA Region I limits. Surface water sample results for inorganics were not qualified.

Soil. One sample duplicate pair from each of the three AOCs (57, 63AX, and 69W) were collected. Elements for which at least one outlier RPD was observed are shown in the Table D-22. Outlier RPDs were observed for arsenic and potassium; however, the frequency at which an outlier RPD was observed was low. Soil sample data for these elements were not qualified based on duplicate precision results.

Sediment. Two sediment sample duplicate pairs, one from AOC 57 and one from AOC 69W were collected and evaluated for precision. Elements for which the RPD was greater than the control limit 50% are shown in Table D-22. All outlier values were associated with sediment sample DX570300 from AOC 57. Based on the variability of results in this sediment sample, concentrations of mercury, manganese, sodium, and zinc in sediment samples from AOC 57 should be considered estimated.

D.4.1.2 VOCs

Duplicate VOC sample results were evaluated to assess the sampling and analytical precision.

Groundwater, 1995 Field Investigation. Three groundwater sample duplicate pairs, one from each AOC, were collected. The majority of target compounds were non-detects in both analyses. Compound RPDs were within the USEPA Region I guidelines with the exception of ethylbenzene. Ethylbenzene was detected in sample MDZX12X3 from AOC 69W at 6 μg/L; the corresponding sample duplicate MXZW12X3 was non-detect with a reporting limit of less than 0.5 μg/L. The resulting RPD was 169.2%. High RPDs are commonly reported for samples with results at or near the reporting limits as in sample MXZW12X3. In general, the duplicate data indicate that there was good precision of the aqueous VOC concentrations, and qualification of the data was not conducted.

Groundwater, Round 2. Three groundwater sample duplicate pairs, one from each AOC, and one additional duplicate pair from AOC 57 were collected. The majority of target compounds were non-detects in both analyses. Compound RPDs were within the USEPA Region I guidelines with the exception of toluene. Toluene was detected in sample MX5701X2 from AOC 57 at 1.2 μg/L; the corresponding sample duplicate MD5701X2 was non-detect with a reporting limit of less than 0.5 μg/L. The resulting RPD was 82.4%. High RPDs are commonly reported for samples with results at or near the reporting limits. In general, the field duplicate data indicate that there was good precision of the aqueous VOC concentrations and qualification of the data was not conducted.

Surface Water. The concentrations of one duplicate pair of surface water samples from AOC 57, WX5703XX, were assessed for precision. All surface water sample duplicate results were reported as non-detect indicating good precision for surface water VOC data.

Soil. One sample duplicate from AOCs 57, 63AX, and 69W was collected. The majority of target compounds were non-detects in both analyses. The RPDs for all duplicate groundwater results were below the USEPA Region I limits with the exception of toluene. The RPD for toluene in soil sample BXZW0100 from AOC 69W was 127.1%. Toluene results for sample BXZW0100 are considered estimated values. However, the frequency at which an outlier RPD was observed for toluene was only one out of three. Qualification of other sample results was not conducted based on duplicate results.

Sediment. Two sediment sample duplicate pairs, one from AOC 57 and one from AOC 69W, were collected. All VOC results for sediment samples and sample duplicates were reported as non-detect. VOC results in sediment samples were not qualified based on duplicate results.

D.4.1.3 SVOCs

Duplicate SVOC sample results were evaluated to assess sampling and analytical precision.

Groundwater, 1995 Field Investigation. Duplicates for one water sample from each AOC were collected. With the exception of phthalate esters, there were no target SVOCs detected in groundwater sample duplicate pairs indicating good agreement between results.

Groundwater, Round 2. Three groundwater sample duplicate pairs, one from each AOC, and one additional duplicate pair from AOC 57 were collected. The majority of target SVOCs were non-detects in both analyses. The RPDs of duplicate results were within the USEPA Region I guidelines with the exception of 1,3,5- trimethylbenzene. This compound was detected in sample MX5703X2 from AOC 57 at 30 μg/L, and the corresponding sample duplicate MD5703X2 at

20 μg/L. Results of 1,3,5-trimethylbenzene in sample MX5703X2 is considered estimated. In general, the field duplicate data indicate that there was good precision of the aqueous SVOC concentrations and additional qualification of the data was not conducted.

Surface Water. One surface water sample from AOC 57 was collected. There were no target SVOCs detected in either sample indicating good agreement between the results.

Soil. Three duplicate soil samples, one from each AOC, were analyzed. The majority of target SVOCs were non-detect in both analyses. All RPDs were within USEPA limits.

Sediment. Two sediment samples, one from AOC 57 and one from AOC 69W, were analyzed in duplicate. For most target SVOCs concentrations were non-detect in both the sample and sample duplicate, and resulting in acceptable agreement between results. Target SVOCs detected include pyrene and fluoranthene. The sample duplicate RPDs for fluoranthene in sample DXZW0100 and pyrene in sample DXZW0100 were 66.7%, exceeding the precision control limit of 50%. Based on these results, concentrations of PAHs reported in sediment samples should be considered estimated values.

D.4.1.4 USEPA Methods

An analysis of duplicate results for a variety of water quality parameters obtained using standard USEPA methods was also conducted. Soil and sediment samples were also analyzed for TOC and TPHC. A discussion of precision between sample duplicates analyzed for these parameters is presented below.

Groundwater, 1995 Field Investigation. Three groundwater samples, representing one sample from each AOC, were collected. Hardness concentrations for groundwater sample MXAX03X1 and the sample duplicate MXAX03X1 from AOC 63AX were reported as 18,000 μg/L and non-detect (less than 1000 μg/L). The RPD was 178.9%, exceeding the control limit of 30%. However the RPDs for the other two groundwater duplicate pairs ranged from 0% to 5.7% indicating excellent precision.

Additional parameters evaluated for precision in groundwater include alkalinity, sulfate, total phosphate, nitrate and nitrite-nitrogen, and nitrogen by the kjeldahl method. With the exception of nitrate and nitrite-nitrogen data, all results had RPDs within control limits. The RPD for nitrate and nitrite nitrogen in groundwater sample MXAX03X1 from AOC 63AX was 85.5%. However the RPDs for the other two groundwater duplicate pairs ranged from 9.2% to 26.1%, indicating acceptable precision. Based on these results, nitrate/nitrite concentrations from AOC 63AX groundwaters are considered estimated.

Overall, precision between groundwater samples for water quality parameters is considered acceptable, and additional qualification of the data was not conducted.

Groundwater, Round 2. Three groundwater duplicate samples, representing one sample from each AOC, and one additional sample from AOC 57 were collected. Hardness concentrations for groundwater sample MXAX04X2 and the sample duplicate MDAX04X2 from AOC 63AX were reported as 264,000 μg/L and

6,800 μg/L. The RPD was 190%, well above the RPD goal of 30%. Based on these results, hardness results for AOC 63AX are considered estimated. The RPDs for the three groundwater duplicate pairs ranged from 5.8% to 7.8% indicating excellent precision.

Additional parameters evaluated for precision in groundwater include alkalinity, sulfate, total phosphate, nitrate and nitrite-nitrogen, and nitrogen by the kjeldahl method. With the exception of nitrate and nitrite-nitrogen data, and total phosphate data all results had RPDs within control limits.

The RPD for nitrate and nitrite-nitrogen in sample MXAX04X2 and sample duplicate MDAX04X2 from AOC 63AX was 38.7%. The RPD in the sample duplicate pair MXZW11X4 and MDZW11X4 from AOC 69W was 198%, also exceeding the control limit. Based on these results nitrate/nitrite results are considered estimated values. However, the RPDs for the other two groundwater duplicate pairs ranged from 3.8% to 8.7%, indicating acceptable precision.

For total phosphate, two of the four sample duplicate pairs had outlier RPDs. The RPDs were 48.9% for sample duplicate pair MX5703X2 and MD5703X2 from AOC 57, and 52.2% for sample duplicate pair MXZW11X4 and MDZW11X4 from AOC 69W. Based on these results, phosphate results from AOC 57 and 69W are considered estimated values. The remaining two field duplicates analyzed for total phosphate had RPDs of 0% and 2.2% indicating acceptable precision.

Surface water. One surface water field duplicate sample from AOC 57, WX5703XX, was collected. Precision criteria for sulfate and alkalinity in this surface water sample were acceptable. The control limit of 30% RPD was exceeded for hardness, total phosphate, and nitrogen by the kjeldahl method.

The results for kjeldahl nitrogen for the sample and duplicate were 1430 μg/L and 229 μg/L. The RPD for these results was 144.8%. The results for total phosphate ranged from 24.8 μg/L and 118 μg/L between the sample and sample duplicate, with an RPD of 130.5%. The RPD for hardness was 32.5%. Positive results in surface water samples for nitrogen determined by the kjeldahl method, hardness, and total phosphate should be considered estimated.

Soil. One soil field duplicate sample from AOC 63AX (BXAX0410) was collected and analyzed for TOC. Three soil duplicate samples including BXAX0215 from AOC 63AX, sample BXZW0100 from AOC 69W, and sample EX570405 from AOC 57 were collected for TPHC (USEPA Method 9071/418.1). All RPDs for these parameters were within RPD goals demonstrating consistency for the method and matrix.

Sediment. Two sediment sample duplicate pairs, DXZW0100 and DDZW0100 from AOC 69W, and DX570300 and DD570300 from AOC 57, were evaluated for precision of TOC and TPHC data.

The TOC results for the sediment sample and duplicate from AOC 69W were 12,400 μg/g and 7,420 μg/g. The RPD of these results is 50.5%, slightly above the 50% RPD limit. The TPHC results (USEPA method 9071/418.1) for this sample duplicate pair were 896 μg/g and 360 μg/g, with an RPD of 85.4%. Based on these duplicate results, TPH results for all AOC 69W sediments should be considered estimated values. The RPDs for TOC and TPHC in the sediment sample from AOC 57 were within RPD goals and results for AOC 57 sediments were not qualified.

D.4.2 OFF-SITE LABORATORY SPIKE DUPLICATE RESULTS

All matrix spike duplicate data and the corresponding RPDs for the 1995 Fort Devens Site Investigation and Round 2 Groundwater sampling event are presented in Table D-10 and Table D-11. The RPDs for spike duplicates were calculated for TPH, TOC, inorganics, and pesticide/PCBs and compared to the USEPA CLP control limits (USEPA, 1988a) to determine precision of analysis. Samples with RPDs for spike samples outside control limits are discussed below.

D.4.2.1 Inorganics

Elements were spiked into groundwater, surface water, soil and sediment samples to evaluate precision. The USEPA CLP guidelines do not specify limits for spike RPDs for elements. As a result, the RPD limits for laboratory duplicates of 25% in water samples and 35% in soil samples specified in the USEPA Region I Guidelines (USEPA, 1989b) were used as guidance.

Groundwater, 1995 Field Investigation. Two groundwater samples from AOC 57, MX5701X1 and MX5705X1, and one groundwater sample from AOC 69W MXZW10X3 were evaluated for precision based on spiked samples. Both filtered and unfiltered samples were included in this evaluation. The percent recoveries of iron for spike duplicates in sample MXZW10X3 were 105.0% and 55.5%, with and RPD of 62%. Iron results for groundwater from AOC 69W are considered estimated. The RPDs for all other elements in spiked groundwater samples were within EPA limits.

Groundwater, Round 2. Three groundwater MS/MSD samples, one from each AOC, and one additional sample for AOC 69W were evaluated for precision based on spiked samples. Both filtered and unfiltered samples were included in this evaluation. The RPDs for all elements in spiked groundwater samples were acceptable indicating excellent method performance.

Surface water. Filtered and unfiltered fractions of surface water sample WX5705XX from AOC 57 were assessed for spike duplicate precision. The RPDs for all elements were within USEPA limits.

D.4.2.2 Pesticides/PCBs

Pesticide and PCB compounds were spiked in duplicate into groundwater, surface water, soil and sediment samples to evaluate precision. Nine target pesticide and two PCB compounds were used including endosulfan I, endosulfan II, aldrin, dieldrin, endrin, heptachlor, isodrin, lindane, methoxychlor, 4,4'-DDT, aroclor 1016, and aroclor 1260. The USEPA CLP control limits for pesticide compounds used in the CLP methods are shown in Table D-23. The USEPA CLP guidelines do not specify limits for spike RPDs for endosulfan I, endosulfan II, isodrin, and PCBs. For these compounds, the RPD control limits for field duplicates of 30%

in water samples and 50% in soil samples specified in the Region 1 USEPA guidelines (USEPA, 1988b) were used.

Groundwater, 1995 Field Investigation. Three groundwater samples, MX5701X1, MXAX02X1, and MXZW10X3, from AOC 57, 63AX and 69W, respectively, were spiked with target pesticides and PCBs. For the CLP spike compounds only aldrin and lindane in the groundwater sample from AOC 69W exceeded the USEPA control limits. The RPD for lindane was 15.3% and aldrin was 32.5%. All other pesticides and PCBs had spike RPDs less than 30% with the exception of methoxychlor in sample MXZW10X3 from AOC 69W. The RPD for methoxychlor (34.3%) was only slightly above the USEPA duplicate RPD limit. These compounds were not detected in any groundwater samples and no qualification of results was conducted.

Groundwater, Round 2. Three groundwater samples, MXG302X2, MXAX03X2, and MXZW12X4, from AOC 57, 63AX and 69W, respectively, were spiked with target pesticides and PCBs. The RPDs for spiked PCBs in all three groundwater sample were within USEPA duplicate limits. For pesticides, eight out of the ten spiked compounds had RPD exceedances in groundwater samples from AOC 57 and 69W. Based on frequency of RPD exceedances for pesticides in samples MXG302X2 and MXZW12X4, positive results reported in samples from AOCs 57 and 69W should be considered estimated. The only positive detections were low concentrations of endosulfan II in sample EX5706X1 and heptachlor epoxide and gamma-chlordane in MXZW10X4. These concentrations are considered estimated. The RPDs for pesticides in sample MXAX03X2 from AOC 63W ranged from 2.2% to 5.8% indicating excellent precision for this sample. Qualification of the data from AOC 63 AX was not conducted.

Surface water. One surface water spiked sample, WX5705XX, from AOC 57 was evaluated for precision. All RPDs for this sample were within RPD limits indicating good method performance and sampling precision.

Soil. The RPDs of four spiked soil samples from AOC 57 (EX570506, EX571502, EX572500, BX570319) were used to evaluate precision. The RPDs for these samples were within RPD limits indicating acceptable method performance and sampling precision.

Sediment. The RPDs from two spiked sediment samples were used to evaluate precision. These samples include DX570500 from AOC 57 and DXZW0200 from AOC 69W. The RPDs for all pesticide and PCBs were within RPD limits with the exception of aroclor 1260. The RPD for aroclor 1260 was 50.8%, which is only slightly above the control duplicate control limit of 50%. Overall, pesticide and PCB results for precision in sediment are acceptable and qualification of the data was not conducted.

D.4.2.3 USEPA Methods

Precision for spiked samples was also evaluated for various water quality parameters including hardness, alkalinity, total phosphate, sulfate, nitrate and nitrite-nitrogen, and kjeldahl-nitrogen in water samples, and TPH and TOC in soil and sediment samples. USEPA CLP guidelines for evaluating spike duplicate RPDs are not available. The USEPA Region I control limits for field duplicates

30% in water and 50% in soil were used to compare RPDs between spiked samples.

Groundwater, 1995 Field Investigation. Several groundwater samples were spiked in duplicate for the water quality parameters listed above to evaluate precision. All RPDs between the MS and MSDs were less than the 30% control limit indicating excellent method performance. The RPDs for hardness for both the filtered and unfiltered fraction in sample MXAX03X2 were reported as 139.2% However, evaluation of the raw data indicated the calculation of RPDs was erroneous, and the actual RPDs ranged from 1% to 29.9%. Based on the MS/MSD results, qualification of water quality data is not required.

Groundwater, Round 2. Several groundwater samples were spiked in duplicate for the water quality parameters listed above to evaluate precision. All RPDs between the MS and MSDs were less than the 30% control limit with the exception of hardness in sample MXAX03X2 from AOC 63AX. The spiked sample concentrations for hardness in this sample and the sample duplicate were 4000 μg/L and 1000 μg/L, with an RPD of 120%. Based on these results hardness in samples from AOC 63AX are considered estimated values. The RPDs for hardness in the three other groundwater samples ranged from 0% to 2.4% indicating excellent method performance. The frequency of outlier RPDs for hardness was low so qualification of the data was not required.

Surface water. Two surface water samples from AOC 57 including WX5703XX, and WX5705XX were spiked in duplicate for the water quality parameters listed above to evaluate precision. All RPDs between the MS and MSDs were less than the 30% control limit indicating acceptable method performance.

Soil. Soil samples from AOC 57 (EX570506, EX571502) were spiked in duplicate for TOC and TPHC (USEPA Modified Method 8015) to evaluate precision. Samples BX570122, BX570615 from AOC 57, and BXZW1607 from AOC 69W were also spiked in duplicate for TOC. All RPDs between the MS and MSDs were less than the 50% RPD limit indicating acceptable method performance.

Sediment. Sediment samples from AOC 57 (DX570500) and AOC 69W (DXZW0200) were spiked in duplicate for TOC, TPH as gasoline and diesel fuel (USEPA Method 8015) and TPHC (USEPA Method 9071/418.1) to evaluate precision.

Sample DX570900 from AOC 57 was spiked in duplicate for TOC and the results were 54.0 $\mu g/g$ and 0.9 $\mu g/g$. An RPD of 193.5% was calculated for these TOC results, exceeding the 50% control limit. This sample had high concentrations of TOC relative to spike concentrations and no actions were taken based on these RPDs. The two additional TOC duplicate sample pairs had RPDs of 30% and 50.2%.

The RPDs of sediment samples for TPHC as gasoline and diesel fuel exceeded the 50% control limits in one of the two spiked sample pairs. These outlier RPDs were from sample DX570500 and ranged from 54.8% (TPH as gasoline) to 63.7% (TPH as diesel fuel). However, RPDs for the second sediment duplicate pair were 8.2% (TPH as diesel) and 0% (TPH as gasoline) indicating excellent agreement between results. Based on duplicate spike data, TPH results for sediment samples overall are acceptable and do not require qualification.

The RPDs for spiked sediment samples for TPHC by USEPA Method 9071/418.1 exceeded the control limit in one of the two sample pairs. An outlier RPD of 169% was observed for sample DX570500. However, the RPD for the second sediment duplicate pair was 0% indicating excellent agreement between results. Based on duplicate spike data, TPHC (USEPA Method 9071/418.1) results for sediment samples were not qualified.

D.5.0 COMPARISON OF OFF-SITE AND ON-SITE ANALYTICAL RESULTS

This section discusses the results of a comparison of data generated from chemical analyses performed on soil samples collected during the 1995 AOC 57, 63AX, and 69W Remedial Investigations at Fort Devens, Massachusetts. A total of 36 split samples were collected between September 12, 1995 through October 2, 1995. The soil samples were split in the field and submitted for on-site and off-site volatile analysis and petroleum hydrocarbons. The purpose of collection of the split samples is to provide a comparison of the on-site data with the associated off-site data, in order to evaluate data quality and establish the on-site results as screening data with definitive confirmation (USEPA, 1993).

D.5.1 ANALYTICAL METHODOLOGIES

The analytical methods used on-site were purge and trap gas chromatography (GC) analyses for volatile organic compounds (VOCs) in soil using a flame ionization detector (FID) for benzene, toluene, ethylbenzene, m/p-xylene, and o-xylene (BTEX), and chlorobenzene, and chlorinated VOCs using an electron capture detector (ECD) for 1,1-dichloroethene, trichloroethene, tetrachloroethene; 1,1,1-trichloroethane, carbon tetrachloride, and chloroform. The purge and trap GC field screening also provides an estimate of the concentration of non-target fuel hydrocarbons, or total petroleum hydrocarbons (TPH). The TPH concentration represents an estimate of total hydrocarbons present that are detected by the FID. The TPH analysis is reported as the total TPH response of peaks associated with the calibration of the FID with a JP-4 standard. The TPH data are the primary means of identifying volatile fuel-related contamination in highly contaminated samples.

Soil samples were also analyzed at the on-site laboratory for semivolatile total petroleum hydrocarbons (TPH) using modified USEPA Method 3500 followed by analysis using USEPA Method 418.1.

The on-site field screening target compound data were evaluated using the USAEC off-site analytical GC/mass spectrometry (MS) method for VOCs. As discussed in Section D-2, this method is based on USEPA Method 8260 with subsequent certification by USAEC. Off-site TPH results were generated using USEPA Method 9071 to extract samples followed by analysis using USEPA Method 418.1 (USEPA, 1983; USEPA, 1986).

D.5.3 PROGRAM OBJECTIVES

The objectives of the on-site soil field screening analytical program were to evaluate the downgradient, lateral, and vertical distribution of contamination in overburden soil, and identify critical samples for off-site laboratory analysis. For the purpose of this on-site/off-site data comparison action levels to evaluate the data sets were based on Category S-1 soils cleanup criteria outlined in the Massachusetts Contingency Plan (MCP) (MADEP, 1995). A summary of target compound action levels for each target compound evaluated using the on-site methods is outlined below:

	Action Level ($\mu g/g$)
Benzene	10
Toluene	90
Ethylbenzene	80
Total Xylenes	500
1,1-Dichloroethene	0,3
Chloroform	0.1
1,1,1-Trichloroethane	30
Carbon Tetrachloride	1
Trichloroethene	0.4
Tetrachloroethene	0.5
TPH	500

D.5.4 DATA COMPARISON AND EVALUATION

Comparability of the data was evaluated using two separate comparisons outlined in Section 4.6 of the POP (ABB-ES, 1995). The first comparison evaluates agreement based on detection of analytes relative to action levels. The second comparison evaluates data based on relative percent differences (RPDs) between split samples. Results of the on-site/off-site analyses are summarized on Table D-24.

D.5.4.1 Comparison 1

In this comparison on-site and off-site results were organized into one of the four categories described below:

1. Both on-site and off-site analyses had the target compounds detected/non-detected at concentrations less than the action levels.

2. Both on-site and off-site analyses had the target analytes detected at concentrations greater than action levels.

3. The target compounds were reported above action levels for on-site and the off-site data results were less than action levels.

4. The target compounds were reported above the action level off-site and the on-site results were less than the action levels.

A primary assumption of the comparison was that the off-site data represented the accurate definitive data when comparing results. Sample data which fall within categories 1 and 2 represent agreement between on-site and off-site analytical results. Sample data in category 3 suggested a high bias in the on-site results. Sample data in category 4 suggest a low bias in on-site results. The analytical goal of the program was to have over 95 percent of the results fall into categories 1, 2 and 3.

The detection of target VOCs by the on-site laboratory relative to action levels was confirmed by the off-site laboratory. The majority of the soil samples fell within Category 1. One exception was the split sample result for EX570704 and EF570704, where one target compound (1,1-dichloroethene) fell into Category 3. This sample was analyzed at a 145X dilution and the 1,1-dichloroethene detection was identified as possible laboratory contamination at the time of analysis in the field. 1,1,-Dichloroethene contamination was not observed in other field screening samples and no trend is apparent. The off-site results confirm that the on-site 1,1-dichloroethene detection was a false positive. Overall, these results indicate good comparison of on-site and off-site results for volatile organic compounds, and that the goals of the field program for usability of on-site results were met.

The results of all split sample analysis fell into Category 1 and Category 2 indicating complete agreement for the on-site and off-site analyses relative to action levels for fuel hydrocarbons. These data indicate that the on-site data are adequate for the evaluation of the distribution of hydrocarbons at the 500 $\mu g/g$ action levels.

D.5.4.2 Comparison 2

For the second comparison, relative percent difference (RPD) values were calculated for associated on-site/off-site surface soil samples. Calculation of RPD is outlined in the POP (ABB-ES, 1995). RPD values were compared to USEPA Region I duplicate criteria of 50%.

VOCs

The majority of results were non-detects in both the on-site and off-site laboratory indicating consistent agreement with the absence of contamination for VOCs. RPDs for the majority of samples with VOCs detected exceeded the 50 RPD project goal. In many of the samples low concentrations of VOCs were reported at, or near, the reporting limit of the other split sample. Examples of this can be seen in samples BX570515, EX570200, EX571000, and EX571700. Detection limits for soils are in the low part per billion range and lack of quantitative agreement at these low concentrations are not interpreted to impact use of field screening results. In some samples, concentrations of VOCs reported for the on-site screening analysis was much greater than concentrations reported in the off-site analysis. Example of these results can be seen in samples EX570704, EX570502, and RXZW3006. Affected compounds include BTEX and chlorobenzene. These results indicate high bias of on-site results by as much as two of three orders of magnitude, and the possibility of false positive reporting of additional target analytes. In all the above samples high concentrations of TPH was detected indicating the presence of fuel contamination at the sample location. The on-site method for BTEX and chlorobenzene utilized a single column GC/PID analysis for BTEX and chlorobenzene with no second column confirmation. It is highly likely that BTEX concentrations were over estimated due to interference from non-target fuel hydrocarbons. False positive identification of chlorobenzene may also have occurred due to interference with non-target fuel hydrocarbons. The off-site analysis was conducted using GC/MS confirmation of target analytes so interference from non-target hydrocarbon would not results in quantitative interferences or false positive identification of compounds.

It is important to note that evidence had also been published indicating the possibility of low bias off-site results due to loss of VOCs during sample collection and handling using bulk sampling procedures (Liikala, 1995). It is possible that concentrations reported at the on-site laboratory may be more representative of actual site conditions. However, for the purpose of this comparison, on-site results are considered potentially biased high.

TPH

In the majority of samples TPH was reported as a non-detect in both samples. RPDs of samples with detected TPH ranged from 7% to 200% with the majority of RPDs outside the 50% project goal. There was good correlation of split sample results relative to general concentrations reported. In all samples with detects reported, concentrations trends between high and low values agreed well. These results indicate that TPH data are adequate for determination of presence and absence of fuel contamination and the determination of the relative concentrations of contamination at the sites, however, reported concentrations should be considered estimated values.

D.5.5 Conclusions

There was a strong qualitative and quantitative correlation between the on-site and off-site laboratories. The goal of 95 percent of on-site/off-site data characterized by conditions specified in categories 1, 2 or 3 was achieved (ABB-ES, 1995), based on results presented in Comparison 1. The comparison results indicate that screening results provided adequate data to identify the presence or absence of contamination at action levels based on MCP Category S-1 soil cleanup criteria (MADEP, 1995).

Comparison 2 reviewed RPD results. An evaluation of RPDs indicates low concentrations of VOCs at, or near, the on-site laboratory reporting limits should be considered estimated values. Results for on-site analyses for the VOC target compounds BTEX and chlorobenzene at sample locations containing fuel contamination may be biased high and contain possible false positive identifications for these compounds. Bias is possibly a result of interferences with fuel-related compounds and limitations of the GC/PID used at the on-site laboratory. Off-site data generated using GC/MS analyses should be used to confirm the detections and concentration ranges of these compounds. The TPH results are adequate for qualitative and semi-quantitative uses, but reported concentrations should be considered estimated.

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TABLE D-1
SUMMARY OF ANALYTICAL PARAMETERS

AOC 57, 63AX, AND 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

PARAMETER	MATRIX (SOIL/WATER)	USAEC METHOD NUMBER	EQUIVALENT USEPA METHOD NUMBER	METHOD DESCRIPTION	LABORATORY/ ARMY-CERTIFIED REPORTING LIMIT
pH	Water	No Certified Method	150.1	Measured in Field	N/A
Temperature	Water	No Certified Method	170.1	Measured in Field	N/A
Turbidity	Water	No Certified Method	180.1	Measured in Field	N/A
Conductivity	Water	No Certified Method	120.1	Measured in Field Electrode	N/A
RedOX	Water	No Certified Method	SM 2580b	Measured in Field	N/A
Total Suspended Solids	Water	No Certified Method	160.2	Gravimetric	4000 μg/L
Total Dissolved Solids	Water	No Certified Method	160.1	Gravimetric	10,000 μg/L
Alkalinity	Water	No Certified Method	301.0	Titrimetric	5000 μg/L
Total Organic Carbon	Soil	No Certified Method	SW 9060	Infrared	360 μg/g
	Water	No Certified Method	SW 9060	Infrared	1000 μg/L
Nitrate/Nitrite	Water	TF22	351.2	Colorimetric	10 μg/L
Hardness	Water	N/A	130.2 or SM2340B	Titration or Calculation	1000 μg/L
Anions	Water	TT10	300.0	Ion Chromatography (Chloride, sulfate)	Chloride - 2,120 μg/L Sulfate - 10,000 μg/L
	Water	TF27	365.2	Colorimetric Total Phosphorous	Phosphate - 13.3 μg/L
TKN (Kjeldahl)	Water	No Certified Method	351.2	Calorimetric	183 μg/L
Carbonate/ Bicarbonate	Water	No Certified Method	310.1	Titrimetric	N/A
Total Petroleum Hydrocarbons	Water	No Certified Method	418.1	Infrared	100 μg/L
	Soil	No Certified Method	SW 9071/ 418.1	Infrared	21 μg/g
Aluminum	Water	SS10	200.7	ICP	141 μg/L
	Soil	JS16	SW 6010	ICP	14.1 μg/g

continued

TABLE D-1
SUMMARY OF ANALYTICAL PARAMETERS

AOC 57, 63AX, AND 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

PARAMETER	MATRIX (SOIL/WATER)	USAEC METHOD NUMBER	EQUIVALENT USEPA METHOD NUMBER	METHOD DESCRIPTION	LABORATORY/ ARMY-CERTIFIED REPORTING LIMIT
Antimony	Soil	JS16	SW 6010	ICP	3.8 µg/g
	Water	SD28	-	GFAA	3.03 µg/L
	Soil	JD25	-	GFAA	1.09 µg/g
Arsenic	Water	SD22	206.2	GFAA	2.54 µg/L
	Soil	JD19	SW 7060	GFAA	0.25 µg/g
Barium	Water	SS10	200.7	ICP	5.0 µg/L
	Soil	JS16	SW 6010	ICP	29.6 µg/g
Beryllium	Water	SS10	200.7	ICP	5.0 µg/L
	Soil	JS16	SW 6010	ICP	1.86 µg/g
Cadmium	Water	SS10	200.7	ICP	4.01 µg/L
	Soil	JS16	SW 6010	ICP	3.05 µg/g
Calcium	Water	SS10	200.7	ICP	500 µg/L
	Soil	JS16	SW 6010	ICP	59.0 µg/g
Chromium	Water	SS10	200.7	ICP	6.02 µg/L
	Soil	JS16	SW 6010	ICP	12.7 µg/g
Cobalt	Water	SS10	200.7	ICP	25 µg/L
	Soil	JS16	SW 6010	ICP	15.0 µg/g
Copper	Water	SS10	200.7	ICP	8.09 µg/L
	Soil	JS16	SW 6010	ICP	58.6 µg/g
Iron	Water	SS10	200.7	ICP	42.7 µg/L
	Soil	JS16	SW 6010	ICP	50.0 µg/g
Lead	Soil	JS16	SW 6010	ICP	6.62 µg/g
	Soil	JD17	SW 7421	GFAA	0.177 µg/g
	Water	SD20	239.2	GFAA	1.26 µg/L

continued

TABLE D-1
SUMMARY OF ANALYTICAL PARAMETERS

AOC 57, 63AX, AND 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

PARAMETER	MATRIX (SOIL/WATER)	USAEC METHOD NUMBER	EQUIVALENT USEPA METHOD NUMBER	METHOD DESCRIPTION	LABORATORY/ ARMY-CERTIFIED REPORTING LIMIT
Magnesium	Water	SS10	200.7	ICP	500 μg/L
	Soil	JS16	SW 6010	ICP	50.0 μg/g
Manganese	Water	SS10	200.7	ICP	2.75 μg/L
	Soil	JS16	SW 6010	ICP	0.275 μg/g
Mercury	Water	SB01	245.1	CVAA	0.243 μg/L
	Soil	JB01	SW 7471	CVAA	0.05 μg/g
Nickel	Water	SS10	200.7	ICP	34.3 μg/L
	Soil	JS16	SW 6010	ICP	12.6 μg/g
Potassium	Water	SS10	200.7	ICP	375 μg/L
	Soil	JS16	SW 6010	ICP	37.5 μg/g
Selenium	Water	SD21	270.2	GFAA	3.02 μg/L
	Soil	JD15	SW7740	GFAA	0.25 μg/g
Silver	Water	SD23	272.2	GFAA	0.25 μg/L
	Soil	JD18	SW 7761	GFAA	.025 μg/g
	Water	SS10	200.7	ICP	4.6 μg/L
	Soil	JS16	SW 6010	ICP	2.5 μg/g
Sodium	Water	SS10	200.7	ICP	500 μg/L
	Soil	JS16	SW 6010	ICP	150 μg/g
Thallium	Water	SD09	279.2	GFAA	6.99 μg/L
	Soil	JD24	SW846 7841	GFAA	0.5 μg/g
Vanadium	Water	SS10	200.7	ICP	11.0 μg/L
	Soil	JS16	SW 6010	ICP	13 μg/g
Zinc	Water	SS10	200.7	ICP	21.1 μg/L
	Soil	JS16	SW 6010	ICP	30.2 μg/g
Semivolatile Organic Compounds	Water	UM18	625	Extraction,GC/MS	See POP
	Soil	LM18	SW 8270	Extraction,GC/MS	See POP

continued

TABLE D-1
SUMMARY OF ANALYTICAL PARAMETERS

AOC 57, 63AX, AND 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

PARAMETER	MATRIX (SOIL/WATER)	USAEC METHOD NUMBER	EQUIVALENT USEPA METHOD NUMBER	METHOD DESCRIPTION	LABORATORY/ ARMY-CERTIFIED REPORTING LIMIT
Volatile Organic Compound	Water	UM20	624	Purge and Trap, GC/MS	See POP
	Soil	LM19	SW 8240	Purge and Trap, GC/MS	See POP
Pesticides/PCBs	Water	UH13	608	Extraction, GC	See POP
	Soil	LH10	SW 8080	Extraction, GC-EC	See POP
GRO	Water	No Certified Method	Modified 8015	GC/FID	400 μg/L
	Soil	No Certified Method	Modified 8015	GC/FID	8 μg/g
DRO	Soil	No Certified Method	Modified 8015	GC/FID	8 μg/g

Notes:

POP = Project Operations Plan; Fort Devens, Massachusetts, Data Item A004/A006; U.S. Army Environmental Center; Aberdeen Proving Ground, Maryland; May 1995.
SW = EPA "Test Methods for Evaluating Solid Wastes", SW-846, September 1986
GRO = Gasoline Range Organics
DRO = Diesel Range Organics

Source: ESE, 1991.

TABLE D-2
ELEMENTS DETECTED IN SOIL METHOD BLANKS

1995 AOC 57, 63AX, AND 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

ELEMENT	FREQUENCY OF DETECTION	CONCENTRATION RANGE (µg/g)	CRL (µg/g)
Aluminum	3/3	482 - 520	14.1
Barium	3/3	8.73 - 9.51	29.6
Calcium	3/3	235 - 269	59.0
Copper	1/3	1.01	58.6
Iron	3/3	955 - 1030	50.0
Lead [1]	3/3	0.756 - 0.816	
Potassium	3/3	179 - 198	37.5
Magnesium	3/3	130 - 150	50.0
Manganese	3/3	21 - 28.9	0.275

[1] = Results from GFAA. Lead was also analyzed by ICP but all results were below the CRLs.

TABLE D-3
VOCs DETECTED IN METHOD BLANKS FOR WATER

1995 AOC 57, 63AX, AND 69 W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

COMPOUND	FREQUENCY OF DETECTION	CONCENTRATION RANGE (µg/L)	CRL (µg/L)
Acetone [1]	1/7	17	13
Methylene Chloride [1]	1/7	5.7	2.3
Chloroform [1]	1/7	2.1	0.5

[1] = Data from method blanks analyzed during the 1995 Field Investigation.

TABLE D-4
SVOCs DETECTED IN WATER METHOD BLANKS

1995 AOC 57, 63AX, 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

COMPOUND	FREQUENCY OF DETECTION	CONCENTRATION RANGE (µg/L)	CRL (µg/L)
Target SVOCs			
Diethyl phthalate [1]	1/5	2.2	2
bis(2-ethylhexyl)phthalate [2]	1/3	400	4.8
SVOC TICs			
Dioctyl adipate [1]	1/5	20	Not determined
Toluene [1]	1/5	3	Not determined

[1] = Detected in method blanks analyzed during the 1995 Field Investigation.
[2] = Detected in method blanks analyzed during the 1996 Round 2 Groundwater sampling event.

TABLE D-5
SVOCs DETECTED IN METHOD BLANKS FOR SOIL

1995 AOC 57, 63AX, 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

COMPOUND	FREQUENCY OF DETECTION	CONCENTRATION RANGE (μg/g)	CRL (μg/g)
Target SVOCs			
di-n-butyl phthalate [1]	1/12	0.08	0.061
SVOC TICs			
nonacosane [1]	1/12	0.3	Not determined

[1] = Detected in method blanks analyzed during the 1995 field investigation.

TABLE D-6
ELEMENTS DETECTED IN RINSE BLANKS

1995 AOC 57, 63AX, 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

ELEMENT	FREQUENCY OF DETECTION	CONCENTRATION RANGE (µg/L)	CRL (µg/L)
Mercury	2/6	0.242 - 0.463	0.243
Lead[1]	1/6	1.63	1.37
Iron	4/6	70.5 - 543	38.8
Potassium	1/6	755	375
Manganese	1/6	3.6	2.75

[1] = Lead analyzed by graphite furnace atomic adsorption

Table D-7
VOCs Detected in Rinse Blanks

1995 AOC 57, 63AX, 69W Remedial Investigation
Fort Devens, Massachusetts

Compound	Frequency of Detection	Concentration Range (µg/L)	CRL (µg/L)
1,1,1-Trichloroethane	5/6	1.2 - 2.4	0.5
Acetone	2/6	18	13
Carbon Tetrachloride	1/6	1.2	0.58
Chloroform	3/6	0.59 - 1.7	0.5
Methylene Chloride	5/6	4 - 9.3	2.3

TABLE D-8
SVOCs DETECTED IN RINSE BLANKS

1995 AOC 57, 63AX, 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

COMPOUND	FREQUENCY OF DETECTION	CONCENTRATION RANGE (μg/L)	CRL (μg/L)
Target SVOCs			
Bis (2-ethylhexyl) phthalate	4/6	6.1 to 14	4.8
Benzyl alcohol	1/6	7.4	0.72
SVOC TICs			
N,N-diethyl-3-methylbenzamide	1/6	9	Not Determined
benzyl adipate	1/6	40	Not Determined
unknown non-target SVOCs	1/6 to 3/6	4 - 10	Not Determined

TABLE D-9
VOCs DETECTED IN TRIP BLANKS

1995 AOC 57, 63AX, 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

COMPOUND	FREQUENCY OF DETECTION	CONCENTRATION RANGE (µg/L)	CRL (µg/L)
Target VOCs			
Carbon Tetrachloride [1]	1/16	2.3	0.58
Tetrachloroethene [1]	1/16	3.4	1.6
Chloroform [1]	1/6	3.5	0.5
Methylene Chloride [1]	9/16	2.5 - 5.6	2.3
Methylene Chloride [2]	1/2	2.7	2.3
Acetone [2]	1/2	14	13
VOC TICs			
Hexane [1]	1/16	6	Not Determined

[1] = Detected in trip blanks analyzed during the 1995 Field Investigation.
[2] = Detected in trip blanks analyzed during the 1996 Round 2 Groundwater sampling event.

TABLE D-10

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
	8015	DIESEL	DX570500	DV4S*191	QEYJ	13-SEP-95	20-SEP-95	919	817		52.5	UGG	88.9	63.7
	8015	DIESEL	DXZW0200	DV4S*391	QEXJ	11-SEP-95	16-SEP-95	407	406	<	8	UGG	99.8	8.2
	8015	DIESEL	DXZW0200	DV4S*391	QEXJ	11-SEP-95	16-SEP-95	407	374	<	8	UGG	91.9	8.2
		**********											----------	
		avg											107.3	
		minimum											88.9	
		maximum											171.9	
	8015	TPHGAS	EX570506	DV4S*105	QEAK	19-SEP-95	16-OCT-95	410	307	<	8	UGG	74.9	0.0
	8015	TPHGAS	EX570506	DV4S*105	QEAK	19-SEP-95	16-OCT-95	410	307	<	8	UGG	74.9	0.0
	8015	TPHGAS	EX571502	DV4S*115	QEBK	21-SEP-95	27-OCT-95	531	623	<	8	UGG	117.3	4.3
	8015	TPHGAS	EX571502	DV4S*115	QEBK	21-SEP-95	27-OCT-95	531	597	<	8	UGG	112.4	4.3
	8015	TPHGAS	DX570500	DV4S*191	QEYJ	13-SEP-95	20-SEP-95	918	1490	<	8	UGG	162.3	54.8
	8015	TPHGAS	DX570500	DV4S*191	QEYJ	13-SEP-95	20-SEP-95	918	849	<	8	UGG	92.5	54.8
	8015	TPHGAS	DXZW0200	DV4S*391	QEXJ	11-SEP-95	16-SEP-95	411	346	<	8	UGG	84.2	0.0
	8015	TPHGAS	DXZW0200	DV4S*391	QEXJ	11-SEP-95	16-SEP-95	411	346	<	8	UGG	84.2	0.0
		**********											----------	
		avg											100.3	
		minimum											74.9	
		maximum											162.3	
TOC IN SOIL	9060	TOC	DV4S*153	DV4S*153	ZENJ	21-SEP-95	16-OCT-95	6010	5290	<	360	UGG	88.0	2.9
TOC IN SOIL	9060	TOC	DV4S*153	DV4S*153	ZENJ	21-SEP-95	16-OCT-95	4250	3850	<	360	UGG	90.6	2.9
TOC IN SOIL	9060	TOC	BX570615	DV4S*158	ZERJ	04-OCT-95	26-OCT-95	5740	4990		561	UGG	86.9	11.5
TOC IN SOIL	9060	TOC	BX570615	DV4S*158	ZERJ	04-OCT-95	26-OCT-95	4090	3170		561	UGG	77.5	11.5
TOC IN SOIL	9060	TOC	DX570500	DV4S*191	ZEJJ	13-SEP-95	09-OCT-95	25500	31900		84900	UGG	125.1	39.4
TOC IN SOIL	9060	TOC	DX570500	DV4S*191	ZEJJ	13-SEP-95	09-OCT-95	19900	16700		84900	UGG	83.9	39.4
TOC IN SOIL	9060	TOC	DX570900	DV4S*198	ZEHJ	12-SEP-95	03-OCT-95	49400	26700		226000	UGG	54.0	193.5
TOC IN SOIL	9060	TOC	DX570900	DV4S*198	ZEHJ	12-SEP-95	03-OCT-95	40400	360		226000	UGG	.9	193.5
TOC IN SOIL	9060	TOC	BXZW1607	DV4S*266	ZENJ	20-SEP-95	16-OCT-95	7060	6420		671	UGG	90.9	10.0
TOC IN SOIL	9060	TOC	BXZW1607	DV4S*266	ZENJ	20-SEP-95	16-OCT-95	4240	3490		671	UGG	82.3	10.0
TOC IN SOIL	9060	TOC	DXZW0200	DV4S*391	ZEHJ	11-SEP-95	03-OCT-95	2480	3280		2400	UGG	132.3	50.2
TOC IN SOIL	9060	TOC	DXZW0200	DV4S*391	ZEHJ	11-SEP-95	03-OCT-95	2160	1710		2400	UGG	79.2	50.2
		**********											----------	
		avg											82.6	
		minimum											.9	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
HARDNESS	1302	HARD	MXG302X1	DV4W*163	PJNW	31-OCT-95	09-NOV-95	80000	84000		20000	UGL	105.0	2.4
HARDNESS	1302	HARD	MXG302X1	DV4W*163	PJNW	31-OCT-95	09-NOV-95	80000	82000		20000	UGL	102.5	2.4
HARDNESS	1302	HARD	MX5701X1	DV4W*167	PJNW	30-OCT-95	09-NOV-95	80000	28000		14000	UGL	35.0	0.0
HARDNESS	1302	HARD	MX5701X1	DV4W*167	PJNW	30-OCT-95	09-NOV-95	80000	28000		14000	UGL	35.0	0.0
HARDNESS	1302	HARD	WX5705XX	DV4W*204	PJKV	13-SEP-95	26-SEP-95	200000	202000		106000	UGL	101.0	1.5
HARDNESS	1302	HARD	WX5705XX	DV4W*204	PJKV	13-SEP-95	26-SEP-95	200000	199000		106000	UGL	99.5	1.5
HARDNESS	1302	HARD	MXAX02X1	DV4W*233	PJNW	31-OCT-95	09-NOV-95	80000	4000		14000	UGL	5.0	120.0
HARDNESS	1302	HARD	MXAX02X1	DV4W*233	PJNW	31-OCT-95	09-NOV-95	80000	1000		14000	UGL	1.3	120.0
HARDNESS	1302	HARD	MXZW10X3	DV4W*271	PJNW	02-NOV-95	09-NOV-95	80000	1000		24000	UGL	1.3	0.0
HARDNESS	1302	HARD	MXZW10X3	DV4W*271	PJNW	02-NOV-95	09-NOV-95	80000	1000		24000	UGL	1.3	0.0
		**********											----------	
		avg											48.7	
		minimum											1.3	
		maximum											105.0	
ALKALINITY	3101	ALK	MX5707X1	DV4W*179	PJLW	31-OCT-95	09-NOV-95	118000	114000		7000	UGL	96.6	.9
ALKALINITY	3101	ALK	MX5707X1	DV4W*179	PJLW	31-OCT-95	09-NOV-95	118000	113000		7000	UGL	95.8	.9
ALKALINITY	3101	ALK	MX5704B1	DV4W*185	PJOW	01-NOV-95	13-NOV-95	118	116000		18000	UGL	98305.1	.9
ALKALINITY	3101	ALK	MX5704B1	DV4W*185	PJOW	01-NOV-95	13-NOV-95	118	115000		18000	UGL	97457.6	.9
ALKALINITY	3101	ALK	WX5703XX	DV4W*202	PJGU	13-SEP-95	22-SEP-95	118000	125000		34000	UGL	105.9	2.4
ALKALINITY	3101	ALK	WX5703XX	DV4W*202	PJGU	13-SEP-95	22-SEP-95	118000	122000		34000	UGL	103.4	2.4
ALKALINITY	3101	ALK	MXZW14X3	DV4W*279	PJOW	03-NOV-95	13-NOV-95	118	118000		27000	UGL	100000.0	1.7
ALKALINITY	3101	ALK	MXZW14X3	DV4W*279	PJOW	03-NOV-95	13-NOV-95	118	116000		27000	UGL	98305.1	1.7
ALKALINITY	3101	ALK	MDG307X1	DV4W*448	PJLW	31-OCT-95	09-NOV-95	118000	122000		13000	UGL	103.4	2.5
ALKALINITY	3101	ALK	MDG307X1	DV4W*448	PJLW	31-OCT-95	09-NOV-95	118000	119000		13000	UGL	100.8	2.5
		**********											----------	
		avg											39467.4	
		minimum											95.8	
		maximum											100000.0	
	8015	DIESEL	EX570506	DV4S*105	QEAK	19-SEP-95	16-OCT-95	410	400	<	8	UGG	97.6	.3
	8015	DIESEL	EX570506	DV4S*105	QEAK	19-SEP-95	16-OCT-95	410	399	<	8	UGG	97.3	.3
	8015	DIESEL	EX571502	DV4S*115	QEBK	21-SEP-95	27-OCT-95	531	582	<	8	UGG	109.6	8.0
	8015	DIESEL	EX571502	DV4S*115	QEBK	21-SEP-95	27-OCT-95	531	537	<	8	UGG	101.1	8.0
	8015	DIESEL	DX570500	DV4S*191	QEYJ	13-SEP-95	20-SEP-95	919	1580		52.5	UGG	171.9	63.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
		maximum											132.3	
TPH	9071	TPHC	BX570506	DV4S*105	ZEMJ	19-SEP-95	10-OCT-95	854	775	<	20.7	UGG	90.7	0.0
TPH	9071	TPHC	BX570506	DV4S*105	ZEMJ	19-SEP-95	10-OCT-95	854	775	<	20.7	UGG	90.7	0.0
TPH	9071	TPHC	BX571502	DV4S*115	ZEOJ	21-SEP-95	16-OCT-95	44200	19300		26100	UGG	43.7	39.8
TPH	9071	TPHC	BX571502	DV4S*115	ZEOJ	21-SEP-95	16-OCT-95	44200	12900		26100	UGG	29.2	39.8
TPH	9071	TPHC	BX570319	DV4S*147	ZEPJ	27-SEP-95	18-OCT-95	1360	1410		52.7	UGG	103.7	3.6
TPH	9071	TPHC	BX570319	DV4S*147	ZEPJ	27-SEP-95	18-OCT-95	1360	1360		52.7	UGG	100.0	3.6
TPH	9071	TPHC	DX570500	DV4S*191	ZEKJ	13-SEP-95	09-OCT-95	2550	1310		3170	UGG	51.4	169.0
TPH	9071	TPHC	DX570500	DV4S*191	ZEKJ	13-SEP-95	09-OCT-95	2550	110		3170	UGG	4.3	169.0
TPH	9071	TPHC	BXAX0206	DV4S*216	ZEPJ	27-SEP-95	18-OCT-95	1230	1300		885	UGG	105.7	9.7
TPH	9071	TPHC	BXAX0206	DV4S*216	ZEPJ	27-SEP-95	18-OCT-95	1230	1180		885	UGG	95.9	9.7
TPH	9071	TPHC	BXAX0302	DV4S*218	ZEQJ	28-SEP-95	24-OCT-95	1180	1190		35.7	UGG	100.8	3.4
TPH	9071	TPHC	BXAX0302	DV4S*218	ZEQJ	28-SEP-95	24-OCT-95	1180	1150		35.7	UGG	97.5	3.4
TPH	9071	TPHC	BXZW0200	DV4S*248	ZEMJ	19-SEP-95	10-OCT-95	871	1120		98	UGG	128.6	28.2
TPH	9071	TPHC	BXZW0200	DV4S*248	ZEMJ	19-SEP-95	10-OCT-95	871	843		98	UGG	96.8	28.2
TPH	9071	TPHC	AXB9503X	DV4S*315	ZELL	27-DEC-95	23-JAN-96	929	660		413	UGG	71.0	29.8
TPH	9071	TPHC	AXB9503X	DV4S*315	ZELL	27-DEC-95	23-JAN-96	929	489		413	UGG	52.6	29.8
TPH	9071	TPHC	DXZW0200	DV4S*391	ZEIJ	11-SEP-95	04-OCT-95	848	991		132	UGG	116.9	0.0
TPH	9071	TPHC	DXZW0200	DV4S*391	ZEIJ	11-SEP-95	04-OCT-95	848	991		132	UGG	116.9	0.0
		**********											----------	
		avg											83.1	
		minimum											4.3	
		maximum											128.6	
HG IN SOIL BY GFAA	JB01	HG	BX570506	DV4S*105	QHUB	19-SEP-95	11-OCT-95	.401	.383	<	.05	UGG	95.5	6.8
HG IN SOIL BY GFAA	JB01	HG	BX570506	DV4S*105	QHUB	19-SEP-95	11-OCT-95	.408	.364	<	.05	UGG	89.2	6.8
HG IN SOIL BY GFAA	JB01	HG	BX571502	DV4S*115	QHUB	21-SEP-95	11-OCT-95	.523	.218	<	.05	UGG	41.7	6.2
HG IN SOIL BY GFAA	JB01	HG	BX571502	DV4S*115	QHUB	21-SEP-95	11-OCT-95	.518	.203	<	.05	UGG	39.2	6.2
HG IN SOIL BY GFAA	JB01	HG	BX570319	DV4S*147	QHWB	27-SEP-95	19-OCT-95	.456	.435	<	.05	UGG	95.4	2.6
HG IN SOIL BY GFAA	JB01	HG	BX570319	DV4S*147	QHWB	27-SEP-95	19-OCT-95	.48	.47	<	.05	UGG	97.9	2.6
HG IN SOIL BY GFAA	JB01	HG	DX570500	DV4S*191	QHTB	13-SEP-95	06-OCT-95	.872	.848	<	.05	UGG	97.2	4.0
HG IN SOIL BY GFAA	JB01	HG	DX570500	DV4S*191	QHTB	13-SEP-95	06-OCT-95	.902	.843	<	.05	UGG	93.5	4.0
HG IN SOIL BY GFAA	JB01	HG	BXAX0206	DV4S*216	QHWB	27-SEP-95	19-OCT-95	.407	.376	<	.05	UGG	92.4	.9
HG IN SOIL BY GFAA	JB01	HG	BXAX0206	DV4S*216	QHWB	27-SEP-95	19-OCT-95	.4	.373	<	.05	UGG	93.3	.9

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
HG IN SOIL BY GFAA	JB01	HG	BXZW0200	DV4S*248	QHUB	19-SEP-95	11-OCT-95	.386	.348	<	.05	UGG	90.2	.6
HG IN SOIL BY GFAA	JB01	HG	BXZW0200	DV4S*248	QHUB	19-SEP-95	11-OCT-95	.413	.37	<	.05	UGG	89.6	.6
HG IN SOIL BY GFAA	JB01	HG	DXZW0200	DV4S*391	QHTB	11-SEP-95	06-OCT-95	.4	.422	<	.05	UGG	105.5	3.3
HG IN SOIL BY GFAA	JB01	HG	DXZW0200	DV4S*391	QHTB	11-SEP-95	06-OCT-95	.393	.401	<	.05	UGG	102.0	3.3
		**********											----------	
		avg											87.3	
		minimum											39.2	
		maximum											105.5	
SB IN SOIL BY GFAA	JD15	SB	BX570506	DV4S*105	MBQB	19-SEP-95	16-OCT-95	4.08	5.21	<	.25	UGG	127.7	.5
SB IN SOIL BY GFAA	JD15	SB	BX570506	DV4S*105	MBQB	19-SEP-95	16-OCT-95	4.03	5.17	<	.25	UGG	128.3	.5
SB IN SOIL BY GFAA	JD15	SB	BX571502	DV4S*115	MBQB	21-SEP-95	16-OCT-95	5.21	7.01		.569	UGG	134.5	1.9
SB IN SOIL BY GFAA	JD15	SB	BX571502	DV4S*115	MBQB	21-SEP-95	16-OCT-95	5.24	6.92		.569	UGG	132.1	1.9
SB IN SOIL BY GFAA	JD15	SB	BX570319	DV4S*147	MBSB	27-SEP-95	23-OCT-95	4.8	5.56	<	.25	UGG	115.8	.3
SB IN SOIL BY GFAA	JD15	SB	BX570319	DV4S*147	MBSB	27-SEP-95	23-OCT-95	4.71	5.44	<	.25	UGG	115.5	.3
SB IN SOIL BY GFAA	JD15	SB	DX570500	DV4S*191	MBPB	13-SEP-95	08-OCT-95	9.09	7.91		.933	UGG	87.0	2.1
SB IN SOIL BY GFAA	JD15	SB	DX570500	DV4S*191	MBPB	13-SEP-95	08-OCT-95	9.11	7.76		.933	UGG	85.2	2.1
SB IN SOIL BY GFAA	JD15	SB	BXAX0206	DV4S*216	MBSB	27-SEP-95	23-OCT-95	4.2	2.69	<	.25	UGG	64.0	6.6
SB IN SOIL BY GFAA	JD15	SB	BXAX0206	DV4S*216	MBSB	27-SEP-95	23-OCT-95	4.22	2.53	<	.25	UGG	60.0	6.6
SB IN SOIL BY GFAA	JD15	SB	BXZW0200	DV4S*248	MBQB	19-SEP-95	16-OCT-95	4.16	4.53	<	.25	UGG	108.9	8.0
SB IN SOIL BY GFAA	JD15	SB	BXZW0200	DV4S*248	MBQB	19-SEP-95	16-OCT-95	4.07	4.09	<	.25	UGG	100.5	8.0
SB IN SOIL BY GFAA	JD15	SB	AXB9503X	DV4S*315	MBVB	27-DEC-95	18-JAN-96	4.47	4.15	<	.25	UGG	92.8	.1
SB IN SOIL BY GFAA	JD15	SB	AXB9503X	DV4S*315	MBVB	27-DEC-95	18-JAN-96	4.27	3.97	<	.25	UGG	93.0	.1
SB IN SOIL BY GFAA	JD15	SB	DXZW0200	DV4S*391	MBPB	11-SEP-95	08-OCT-95	3.98	4.29	<	.25	UGG	107.8	7.7
SB IN SOIL BY GFAA	JD15	SB	DXZW0200	DV4S*391	MBPB	11-SEP-95	08-OCT-95	4.04	4.03	<	.25	UGG	99.8	7.7
		**********											----------	
		avg											103.3	
		minimum											60.0	
		maximum											134.5	
PB IN SOIL BY GFAA	JD17	PB	BX570506	DV4S*105	OBQB	19-SEP-95	16-OCT-95	4.08	2.72		4.62	UGG	66.7	25.5
PB IN SOIL BY GFAA	JD17	PB	BX570506	DV4S*105	OBQB	19-SEP-95	16-OCT-95	4.03	2.08		4.62	UGG	51.6	25.5
PB IN SOIL BY GFAA	JD17	PB	BX570319	DV4S*147	OBSB	27-SEP-95	22-OCT-95	4.8	2.43		3.93	UGG	50.6	1.1
PB IN SOIL BY GFAA	JD17	PB	BX570319	DV4S*147	OBSB	27-SEP-95	22-OCT-95	4.71	2.41		3.93	UGG	51.2	1.1
PB IN SOIL BY GFAA	JD17	PB	BXAX0206	DV4S*216	OBSB	27-SEP-95	22-OCT-95	4.2	5.9		9.9	UGG	140.5	142.3

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
PB IN SOIL BY GFAA	JD17	PB	BXAX0206	DV4S*216	OBSE	27-SEP-95	22-OCT-95	4.22	1		9.9	UGG	23.7	142.3
PB IN SOIL BY GFAA	JD17	PB	AXE9503X	DV4S*315	OBVE	27-DEC-95	18-JAN-96	4.27	9.7		8.4	UGG	227.2	12.1
PB IN SOIL BY GFAA	JD17	PB	AXE9503X	DV4S*315	OBVE	27-DEC-95	18-JAN-96	4.47	9		8.4	UGG	201.3	12.1
PB IN SOIL BY GFAA	JD17	PB	DXZW0200	DV4S*391	OBPE	11-SEP-95	06-OCT-95	3.98	6.2		21	UGG	155.8	140.5
PB IN SOIL BY GFAA	JD17	PB	DXZW0200	DV4S*391	OBPE	11-SEP-95	06-OCT-95	4.04	1.1		21	UGG	27.2	140.5
		**********											----------	
		avg											99.6	
		minimum											23.7	
		maximum											227.2	
AS IN SOIL BY GFAA	JD19	AS	EX570506	DV4S*105	QBVE	19-SEP-95	18-OCT-95	4.08	7.6		11	UGG	186.3	83.1
AS IN SOIL BY GFAA	JD19	AS	EX570506	DV4S*105	QBVE	19-SEP-95	18-OCT-95	4.03	3.1		11	UGG	76.9	83.1
AS IN SOIL BY GFAA	JD19	AS	EX571502	DV4S*115	QBVE	21-SEP-95	18-OCT-95	5.21	7.95		2.14	UGG	152.6	5.3
AS IN SOIL BY GFAA	JD19	AS	EX571502	DV4S*115	QBVE	21-SEP-95	18-OCT-95	5.24	7.58		2.14	UGG	144.7	5.3
AS IN SOIL BY GFAA	JD19	AS	BX570319	DV4S*147	QBXE	27-SEP-95	23-OCT-95	4.71	4.96		5.75	UGG	105.3	8.6
AS IN SOIL BY GFAA	JD19	AS	BX570319	DV4S*147	QBXE	27-SEP-95	23-OCT-95	4.8	4.64		5.75	UGG	96.7	8.6
AS IN SOIL BY GFAA	JD19	AS	DX570500	DV4S*191	QBUE	13-SEP-95	08-OCT-95	9.11	8.6		28	UGG	94.4	5.8
AS IN SOIL BY GFAA	JD19	AS	DX570500	DV4S*191	QBUE	13-SEP-95	08-OCT-95	9.09	8.1		28	UGG	89.1	5.8
AS IN SOIL BY GFAA	JD19	AS	BXAX0206	DV4S*216	QBXE	27-SEP-95	24-OCT-95	4.2	3.7		18	UGG	88.1	102.4
AS IN SOIL BY GFAA	JD19	AS	BXAX0206	DV4S*216	QBXE	27-SEP-95	24-OCT-95	4.22	1.2		18	UGG	28.4	102.4
AS IN SOIL BY GFAA	JD19	AS	BXZW0200	DV4S*248	QBVE	19-SEP-95	18-OCT-95	4.07	7.3		11	UGG	179.4	28.5
AS IN SOIL BY GFAA	JD19	AS	BXZW0200	DV4S*248	QBVE	19-SEP-95	18-OCT-95	4.16	5.6		11	UGG	134.6	28.5
AS IN SOIL BY GFAA	JD19	AS	AXE9503X	DV4S*315	QBAF	27-DEC-95	16-JAN-96	4.27	3.5		25	UGG	82.0	26.7
AS IN SOIL BY GFAA	JD19	AS	AXE9503X	DV4S*315	QBAF	27-DEC-95	16-JAN-96	4.31	2.7		25	UGG	62.6	26.7
AS IN SOIL BY GFAA	JD19	AS	DXZW0200	DV4S*391	QBUE	11-SEP-95	10-OCT-95	3.98	.5		13	UGG	12.6	1.5
AS IN SOIL BY GFAA	JD19	AS	DXZW0200	DV4S*391	QBUE	11-SEP-95	10-OCT-95	4.04	.5		13	UGG	12.4	1.5
		**********											----------	
		avg											96.6	
		minimum											12.4	
		maximum											186.3	
TL IN SOIL BY GFAA	JD24	TL	EX570506	DV4S*105	RBFB	19-SEP-95	15-OCT-95	4.08	4.42	<	.5	UGG	108.3	2.5
TL IN SOIL BY GFAA	JD24	TL	EX570506	DV4S*105	RBFB	19-SEP-95	15-OCT-95	4.03	4.26	<	.5	UGG	105.7	2.5
TL IN SOIL BY GFAA	JD24	TL	EX571502	DV4S*115	RBFB	21-SEP-95	15-OCT-95	5.24	5.53	<	.5	UGG	105.5	1.3
TL IN SOIL BY GFAA	JD24	TL	EX571502	DV4S*115	RBFB	21-SEP-95	15-OCT-95	5.21	5.43	<	.5	UGG	104.2	1.3

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
TL IN SOIL BY GFAA	JD24	TL	BX570319	DV4S*147	RBGB	27-SEP-95	22-OCT-95	4.8	5.15	<	.5	UGG	107.3	.9
TL IN SOIL BY GFAA	JD24	TL	BX570319	DV4S*147	RBGB	27-SEP-95	22-OCT-95	4.71	5.01	<	.5	UGG	106.4	.9
TL IN SOIL BY GFAA	JD24	TL	DX570500	DV4S*191	RBEB	13-SEP-95	09-OCT-95	9.11	9.58	<	.5	UGG	105.2	.6
TL IN SOIL BY GFAA	JD24	TL	DX570500	DV4S*191	RBEB	13-SEP-95	09-OCT-95	9.09	9.5	<	.5	UGG	104.5	.6
TL IN SOIL BY GFAA	JD24	TL	BXAX0206	DV4S*216	RBGB	27-SEP-95	22-OCT-95	4.2	4.42	<	.5	UGG	105.2	3.0
TL IN SOIL BY GFAA	JD24	TL	BXAX0206	DV4S*216	RBGB	27-SEP-95	22-OCT-95	4.22	4.31	<	.5	UGG	102.1	3.0
TL IN SOIL BY GFAA	JD24	TL	BXZW0200	DV4S*248	RBFB	19-SEP-95	15-OCT-95	4.07	4.02	<	.5	UGG	98.8	2.2
TL IN SOIL BY GFAA	JD24	TL	BXZW0200	DV4S*248	RBFB	19-SEP-95	15-OCT-95	4.16	4.2	<	.5	UGG	101.0	2.2
TL IN SOIL BY GFAA	JD24	TL	AXB9503X	DV4S*315	RBHB	27-DEC-95	16-JAN-96	4.27	4.68	<	.5	UGG	109.6	0.0
TL IN SOIL BY GFAA	JD24	TL	AXB9503X	DV4S*315	RBHB	27-DEC-95	16-JAN-96	4.47	4.9	<	.5	UGG	109.6	0.0
TL IN SOIL BY GFAA	JD24	TL	DXZW0200	DV4S*391	RBEB	11-SEP-95	09-OCT-95	4.04	4.02	<	.5	UGG	99.5	.7
TL IN SOIL BY GFAA	JD24	TL	DXZW0200	DV4S*391	RBEB	11-SEP-95	09-OCT-95	3.98	3.99	<	.5	UGG	100.3	.7
		**********											----------	
		avg											104.6	
		minimum											98.8	
		maximum											109.6	
SB IN SOIL BY GFAA	JD25	SB	EX570506	DV4S*105	SBNB	19-SEP-95	18-OCT-95	8.05	8.97	<	1.09	UGG	111.4	1.7
SB IN SOIL BY GFAA	JD25	SB	EX570506	DV4S*105	SBNB	19-SEP-95	18-OCT-95	8.09	8.86	<	1.09	UGG	109.5	1.7
SB IN SOIL BY GFAA	JD25	SB	EX571502	DV4S*115	SBNB	21-SEP-95	18-OCT-95	10.4	11.9	<	1.09	UGG	114.4	.5
SB IN SOIL BY GFAA	JD25	SB	EX571502	DV4S*115	SBNB	21-SEP-95	18-OCT-95	10.1	11.5	<	1.09	UGG	113.9	.5
SB IN SOIL BY GFAA	JD25	SB	BX570319	DV4S*147	SBOB	27-SEP-95	25-OCT-95	9.59	7.88	<	1.09	UGG	82.2	.8
SB IN SOIL BY GFAA	JD25	SB	BX570319	DV4S*147	SBOB	27-SEP-95	25-OCT-95	9.47	7.72	<	1.09	UGG	81.5	.8
SB IN SOIL BY GFAA	JD25	SB	DX570500	DV4S*191	SBMB	13-SEP-95	19-OCT-95	18.1	22.8	<	1.09	UGG	126.0	.6
SB IN SOIL BY GFAA	JD25	SB	DX570500	DV4S*191	SBMB	13-SEP-95	19-OCT-95	18	22.8	<	1.09	UGG	126.7	.6
SB IN SOIL BY GFAA	JD25	SB	BXAX0206	DV4S*216	SBOB	27-SEP-95	25-OCT-95	8.43	8.54	<	1.09	UGG	101.3	.1
SB IN SOIL BY GFAA	JD25	SB	BXAX0206	DV4S*216	SBOB	27-SEP-95	25-OCT-95	8.42	8.52	<	1.09	UGG	101.2	.1
SB IN SOIL BY GFAA	JD25	SB	BXZW0200	DV4S*248	SBNB	19-SEP-95	18-OCT-95	8.19	8.86	<	1.09	UGG	108.2	1.0
SB IN SOIL BY GFAA	JD25	SB	BXZW0200	DV4S*248	SBNB	19-SEP-95	18-OCT-95	8.02	8.59	<	1.09	UGG	107.1	1.0
SB IN SOIL BY GFAA	JD25	SB	AXB9503X	DV4S*315	SBPB	27-DEC-95	23-JAN-96	8.58	8.55	<	1.09	UGG	99.7	1.4
SB IN SOIL BY GFAA	JD25	SB	AXB9503X	DV4S*315	SBPB	27-DEC-95	23-JAN-96	8.37	8.46	<	1.09	UGG	101.1	1.4
SB IN SOIL BY GFAA	JD25	SB	DXZW0200	DV4S*391	SBMB	11-SEP-95	19-OCT-95	7.94	9.77	<	1.09	UGG	123.0	3.5
SB IN SOIL BY GFAA	JD25	SB	DXZW0200	DV4S*391	SBMB	11-SEP-95	19-OCT-95	8.07	9.59	<	1.09	UGG	118.8	3.5
		**********											----------	
		avg											107.9	
		minimum											81.5	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
		maximum											126.7	
METALS IN SOIL BY ICAP	JS16	AG	EX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	8.01	7.64	<	.589	UGG	95.4	.3
METALS IN SOIL BY ICAP	JS16	AG	EX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	8.01	7.62	<	.589	UGG	95.1	.3
METALS IN SOIL BY ICAP	JS16	AG	EX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	10.3	9.58	<	.589	UGG	93.0	1.5
METALS IN SOIL BY ICAP	JS16	AG	EX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	10.4	9.53	<	.589	UGG	91.6	1.5
METALS IN SOIL BY ICAP	JS16	AG	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	9.49	8.77	<	.589	UGG	92.4	1.4
METALS IN SOIL BY ICAP	JS16	AG	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	9.6	9	<	.589	UGG	93.8	1.4
METALS IN SOIL BY ICAP	JS16	AG	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	17.8	17.7	<	.589	UGG	99.4	3.4
METALS IN SOIL BY ICAP	JS16	AG	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	17.9	17.2	<	.589	UGG	96.1	3.4
METALS IN SOIL BY ICAP	JS16	AG	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	8.48	7.54	<	.589	UGG	88.9	.1
METALS IN SOIL BY ICAP	JS16	AG	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	8.49	7.54	<	.589	UGG	88.8	.1
METALS IN SOIL BY ICAP	JS16	AG	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	8.27	7.53	<	.589	UGG	91.1	.7
METALS IN SOIL BY ICAP	JS16	AG	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	7.97	7.31	<	.589	UGG	91.7	.7
METALS IN SOIL BY ICAP	JS16	AG	AXE9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	8.56	8.22	<	.589	UGG	96.0	1.6
METALS IN SOIL BY ICAP	JS16	AG	AXE9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	8.54	8.07	<	.589	UGG	94.5	1.6
METALS IN SOIL BY ICAP	JS16	AG	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	8.07	7.74	<	.589	UGG	95.9	1.7
METALS IN SOIL BY ICAP	JS16	AG	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	8.03	7.57	<	.589	UGG	94.3	1.7
		**********											----------	
		avg											93.6	
		minimum											88.8	
		maximum											99.4	
METALS IN SOIL BY ICAP	JS16	AL	EX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	200	2.35		4720	UGG	1.2	0.0
METALS IN SOIL BY ICAP	JS16	AL	EX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	200	2.35		4720	UGG	1.2	0.0
METALS IN SOIL BY ICAP	JS16	AL	EX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	259	2.35		9720	UGG	.9	.4
METALS IN SOIL BY ICAP	JS16	AL	EX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	258	2.35		9720	UGG	.9	.4
METALS IN SOIL BY ICAP	JS16	AL	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	240	2.35		2220	UGG	1.0	1.3
METALS IN SOIL BY ICAP	JS16	AL	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	237	2.35		2220	UGG	1.0	1.3
METALS IN SOIL BY ICAP	JS16	AL	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	445	2.35		15000	UGG	.5	.4
METALS IN SOIL BY ICAP	JS16	AL	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	447	2.35		15000	UGG	.5	.4
METALS IN SOIL BY ICAP	JS16	AL	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	212	1070		7840	UGG	504.7	45.0
METALS IN SOIL BY ICAP	JS16	AL	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	212	677		7840	UGG	319.3	45.0
METALS IN SOIL BY ICAP	JS16	AL	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	199	2.35		7180	UGG	1.2	136.3
METALS IN SOIL BY ICAP	JS16	AL	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	207	12.9		7180	UGG	6.2	136.3
METALS IN SOIL BY ICAP	JS16	AL	AXE9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	534	1120		5010	UGG	209.7	124.3

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN SOIL BY ICAP	JS16	AL	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	535	262		5010	UGG	49.0	124.3
METALS IN SOIL BY ICAP	JS16	AL	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	202	2.35		4120	UGG	1.2	.5
METALS IN SOIL BY ICAP	JS16	AL	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	201	2.35		4120	UGG	1.2	.5
		**********											----------	
		avg											68.7	
		minimum											.5	
		maximum											504.7	
METALS IN SOIL BY ICAP	JS16	BA	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	60.1	64.1		17.2	UGG	106.7	17.1
METALS IN SOIL BY ICAP	JS16	BA	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	60.1	54		17.2	UGG	89.9	17.1
METALS IN SOIL BY ICAP	JS16	BA	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	77.7	78.3		37.1	UGG	100.8	6.2
METALS IN SOIL BY ICAP	JS16	BA	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	77.5	73.4		37.1	UGG	94.7	6.2
METALS IN SOIL BY ICAP	JS16	BA	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	71.2	72.9		6.91	UGG	102.4	1.7
METALS IN SOIL BY ICAP	JS16	BA	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	72	75		6.91	UGG	104.2	1.7
METALS IN SOIL BY ICAP	JS16	BA	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	133	138		70	UGG	103.8	3.7
METALS IN SOIL BY ICAP	JS16	BA	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	134	134		70	UGG	100.0	3.7
METALS IN SOIL BY ICAP	JS16	BA	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	63.6	63.7		24.6	UGG	100.2	4.3
METALS IN SOIL BY ICAP	JS16	BA	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	63.7	61.1		24.6	UGG	95.9	4.3
METALS IN SOIL BY ICAP	JS16	BA	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	62	62.2		18.4	UGG	100.3	1.5
METALS IN SOIL BY ICAP	JS16	BA	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	59.8	59.1		18.4	UGG	98.8	1.5
METALS IN SOIL BY ICAP	JS16	BA	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	64.1	71.1		18.6	UGG	110.9	1.7
METALS IN SOIL BY ICAP	JS16	BA	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	64.2	70		18.6	UGG	109.0	1.7
METALS IN SOIL BY ICAP	JS16	BA	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	60.5	61.2		11.4	UGG	101.2	5.6
METALS IN SOIL BY ICAP	JS16	BA	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	60.2	57.6		11.4	UGG	95.7	5.6
		**********											----------	
		avg											100.9	
		minimum											89.9	
		maximum											110.9	
METALS IN SOIL BY ICAP	JS16	BE	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	50.1	52.6	<	.5	UGG	105.0	.4
METALS IN SOIL BY ICAP	JS16	BE	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	50.1	52.4	<	.5	UGG	104.6	.4
METALS IN SOIL BY ICAP	JS16	BE	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	64.8	66.3	<	.5	UGG	102.3	1.5
METALS IN SOIL BY ICAP	JS16	BE	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	64.6	65.1	<	.5	UGG	100.8	1.5
METALS IN SOIL BY ICAP	JS16	BE	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	60	63.2	<	.5	UGG	105.3	.9
METALS IN SOIL BY ICAP	JS16	BE	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	59.3	61.9	<	.5	UGG	104.4	.9
METALS IN SOIL BY ICAP	JS16	BE	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	111	121	<	.5	UGG	109.0	2.6
METALS IN SOIL BY ICAP	JS16	BE	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	112	119	<	.5	UGG	106.3	2.6

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN SOIL BY ICAP	JS16	BE	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	53	53.6	<	.5	UGG	101.1	2.6
METALS IN SOIL BY ICAP	JS16	BE	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	53	55	<	.5	UGG	103.8	2.6
METALS IN SOIL BY ICAP	JS16	BE	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	51.7	53.3	<	.5	UGG	103.1	.5
METALS IN SOIL BY ICAP	JS16	BE	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	49.8	51.6	<	.5	UGG	103.6	.5
METALS IN SOIL BY ICAP	JS16	BE	AXE9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	53.5	57.2	<	.5	UGG	106.9	2.8
METALS IN SOIL BY ICAP	JS16	BE	AXE9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	53.4	55.5	<	.5	UGG	103.9	2.8
METALS IN SOIL BY ICAP	JS16	BE	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	50.4	52.1	<	.5	UGG	103.4	1.3
METALS IN SOIL BY ICAP	JS16	BE	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	50.2	51.2	<	.5	UGG	102.0	1.3
		**********												
		avg											104.1	
		minimum											100.8	
		maximum											109.0	
METALS IN SOIL BY ICAP	JS16	CA	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	5010	4910		325	UGG	98.0	.6
METALS IN SOIL BY ICAP	JS16	CA	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	5010	4880		325	UGG	97.4	.6
METALS IN SOIL BY ICAP	JS16	CA	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	6480	6270		595	UGG	96.8	1.8
METALS IN SOIL BY ICAP	JS16	CA	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	6460	6140		595	UGG	95.0	1.8
METALS IN SOIL BY ICAP	JS16	CA	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	6000	5910		319	UGG	98.5	.5
METALS IN SOIL BY ICAP	JS16	CA	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	5930	5810		319	UGG	98.0	.5
METALS IN SOIL BY ICAP	JS16	CA	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	11200	11600		2170	UGG	103.6	1.7
METALS IN SOIL BY ICAP	JS16	CA	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	11100	11300		2170	UGG	101.8	1.7
METALS IN SOIL BY ICAP	JS16	CA	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	5300	5590		1320	UGG	105.5	5.9
METALS IN SOIL BY ICAP	JS16	CA	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	5300	5270		1320	UGG	99.4	5.9
METALS IN SOIL BY ICAP	JS16	CA	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	5170	5120		478	UGG	99.0	1.9
METALS IN SOIL BY ICAP	JS16	CA	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	4980	4840		478	UGG	97.2	1.9
METALS IN SOIL BY ICAP	JS16	CA	AXE9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	5350	5360		832	UGG	100.2	3.2
METALS IN SOIL BY ICAP	JS16	CA	AXE9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	5340	5180		832	UGG	97.0	3.2
METALS IN SOIL BY ICAP	JS16	CA	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	5040	4950		736	UGG	98.2	2.3
METALS IN SOIL BY ICAP	JS16	CA	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	5020	4820		736	UGG	96.0	2.3
		**********												
		avg											98.9	
		minimum											95.0	
		maximum											105.5	
METALS IN SOIL BY ICAP	JS16	CD	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	50.1	53.3	<	.7	UGG	106.4	.4
METALS IN SOIL BY ICAP	JS16	CD	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	50.1	53.1	<	.7	UGG	106.0	.4
METALS IN SOIL BY ICAP	JS16	CD	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	64.8	66.9	<	.7	UGG	103.2	.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN SOIL BY ICAP	JS16	CD	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	64.6	66.2	<	.7	UGG	102.5	.7
METALS IN SOIL BY ICAP	JS16	CD	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	60	64.6	<	.7	UGG	107.7	.9
METALS IN SOIL BY ICAP	JS16	CD	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	59.3	63.3	<	.7	UGG	106.7	.9
METALS IN SOIL BY ICAP	JS16	CD	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	111	124		2.33	UGG	111.7	3.3
METALS IN SOIL BY ICAP	JS16	CD	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	112	121		2.33	UGG	108.0	3.3
METALS IN SOIL BY ICAP	JS16	CD	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	53	54.3	<	.7	UGG	102.5	1.1
METALS IN SOIL BY ICAP	JS16	CD	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	53	53.7	<	.7	UGG	101.3	1.1
METALS IN SOIL BY ICAP	JS16	CD	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	51.7	53.3	<	.7	UGG	103.1	.9
METALS IN SOIL BY ICAP	JS16	CD	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	49.8	51.8	<	.7	UGG	104.0	.9
METALS IN SOIL BY ICAP	JS16	CD	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	53.5	56.8	<	.7	UGG	106.2	1.6
METALS IN SOIL BY ICAP	JS16	CD	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	53.4	55.8	<	.7	UGG	104.5	1.6
METALS IN SOIL BY ICAP	JS16	CD	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	50.4	55.5	<	.7	UGG	110.1	1.4
METALS IN SOIL BY ICAP	JS16	CD	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	50.2	54.5	<	.7	UGG	108.6	1.4
		**********											----------	
		avg											105.8	
		minimum											101.3	
		maximum											111.7	
METALS IN SOIL BY ICAP	JS16	CO	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	100	103		3.87	UGG	103.0	0.0
METALS IN SOIL BY ICAP	JS16	CO	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	100	103		3.87	UGG	103.0	0.0
METALS IN SOIL BY ICAP	JS16	CO	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	130	131	<	1.42	UGG	100.8	1.5
METALS IN SOIL BY ICAP	JS16	CO	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	129	128	<	1.42	UGG	99.2	1.5
METALS IN SOIL BY ICAP	JS16	CO	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	120	129	<	1.42	UGG	107.5	1.5
METALS IN SOIL BY ICAP	JS16	CO	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	119	126	<	1.42	UGG	105.9	1.5
METALS IN SOIL BY ICAP	JS16	CO	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	222	241		6.91	UGG	108.6	2.1
METALS IN SOIL BY ICAP	JS16	CO	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	224	238		6.91	UGG	106.3	2.1
METALS IN SOIL BY ICAP	JS16	CO	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	106	115		7.51	UGG	108.5	3.5
METALS IN SOIL BY ICAP	JS16	CO	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	106	111		7.51	UGG	104.7	3.5
METALS IN SOIL BY ICAP	JS16	CO	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	99.6	99.3		4.98	UGG	99.7	.3
METALS IN SOIL BY ICAP	JS16	CO	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	103	103		4.98	UGG	100.0	.3
METALS IN SOIL BY ICAP	JS16	CO	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	107	112		6.17	UGG	104.7	2.7
METALS IN SOIL BY ICAP	JS16	CO	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	107	109		6.17	UGG	101.9	2.7
METALS IN SOIL BY ICAP	JS16	CO	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	101	104		3.85	UGG	103.0	1.9
METALS IN SOIL BY ICAP	JS16	CO	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	100	101		3.85	UGG	101.0	1.9
		**********											----------	
		avg											103.6	
		minimum											99.2	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
		maximum											108.6	
METALS IN SOIL BY ICAP	JS16	CR	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	100	103		11.5	UGG	103.0	1.0
METALS IN SOIL BY ICAP	JS16	CR	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	100	102		11.5	UGG	102.0	1.0
METALS IN SOIL BY ICAP	JS16	CR	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	130	136		10.4	UGG	104.6	1.5
METALS IN SOIL BY ICAP	JS16	CR	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	129	133		10.4	UGG	103.1	1.5
METALS IN SOIL BY ICAP	JS16	CR	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	120	133	<	4.05	UGG	110.8	1.4
METALS IN SOIL BY ICAP	JS16	CR	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	119	130	<	4.05	UGG	109.2	1.4
METALS IN SOIL BY ICAP	JS16	CR	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	222	247		43.2	UGG	111.3	.9
METALS IN SOIL BY ICAP	JS16	CR	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	224	247		43.2	UGG	110.3	.9
METALS IN SOIL BY ICAP	JS16	CR	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	106	114		20.9	UGG	107.5	.9
METALS IN SOIL BY ICAP	JS16	CR	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	106	113		20.9	UGG	106.6	.9
METALS IN SOIL BY ICAP	JS16	CR	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	103	108		15.7	UGG	104.9	1.4
METALS IN SOIL BY ICAP	JS16	CR	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	99.6	103		15.7	UGG	103.4	1.4
METALS IN SOIL BY ICAP	JS16	CR	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	107	120		13.7	UGG	112.1	.8
METALS IN SOIL BY ICAP	JS16	CR	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	107	119		13.7	UGG	111.2	.8
METALS IN SOIL BY ICAP	JS16	CR	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	100	117		16.1	UGG	117.0	9.9
METALS IN SOIL BY ICAP	JS16	CR	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	101	107		16.1	UGG	105.9	9.9
		**********											----------	
		avg											107.7	
		minimum											102.0	
		maximum											117.0	
METALS IN SOIL BY ICAP	JS16	CU	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	50.1	49.3		7.49	UGG	98.4	1.2
METALS IN SOIL BY ICAP	JS16	CU	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	50.1	48.7		7.49	UGG	97.2	1.2
METALS IN SOIL BY ICAP	JS16	CU	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	64.8	65.9		9.36	UGG	101.7	2.5
METALS IN SOIL BY ICAP	JS16	CU	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	64.6	64.1		9.36	UGG	99.2	2.5
METALS IN SOIL BY ICAP	JS16	CU	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	60	59.8		4.33	UGG	99.7	.7
METALS IN SOIL BY ICAP	JS16	CU	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	59.3	58.7		4.33	UGG	99.0	.7
METALS IN SOIL BY ICAP	JS16	CU	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	112	115		33.8	UGG	102.7	.9
METALS IN SOIL BY ICAP	JS16	CU	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	111	113		33.8	UGG	101.8	.9
METALS IN SOIL BY ICAP	JS16	CU	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	53	57.5		12.8	UGG	108.5	3.0
METALS IN SOIL BY ICAP	JS16	CU	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	53	55.8		12.8	UGG	105.3	3.0
METALS IN SOIL BY ICAP	JS16	CU	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	51.7	50.7		8.4	UGG	98.1	1.3
METALS IN SOIL BY ICAP	JS16	CU	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	49.8	49.5		8.4	UGG	99.4	1.3
METALS IN SOIL BY ICAP	JS16	CU	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	53.5	53.5		12.3	UGG	100.0	.2
METALS IN SOIL BY ICAP	JS16	CU	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	53.4	53.3		12.3	UGG	99.8	.2

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN SOIL BY ICAP	JS16	CU	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	50.4	55.3		10.9	UGG	109.7	16.9
METALS IN SOIL BY ICAP	JS16	CU	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	50.2	46.5		10.9	UGG	92.6	16.9
		**********											----------	
		avg											100.8	
		minimum											92.6	
		maximum											109.7	
METALS IN SOIL BY ICAP	JS16	PB	EX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	1000	3.68		7080	UGG	.4	0.0
METALS IN SOIL BY ICAP	JS16	PB	EX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	1000	3.68		7080	UGG	.4	0.0
METALS IN SOIL BY ICAP	JS16	PB	EX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	1290	648		4910	UGG	50.2	3.0
METALS IN SOIL BY ICAP	JS16	PB	EX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	1300	634		4910	UGG	48.8	3.0
METALS IN SOIL BY ICAP	JS16	PB	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	1200	448		4490	UGG	37.3	34.1
METALS IN SOIL BY ICAP	JS16	PB	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	1190	315		4490	UGG	26.5	34.1
METALS IN SOIL BY ICAP	JS16	PB	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	2220	3.68		18900	UGG	.2	198.6
METALS IN SOIL BY ICAP	JS16	PB	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	2240	1090		18900	UGG	48.7	198.6
METALS IN SOIL BY ICAP	JS16	PB	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	1060	4900		16600	UGG	462.3	22.2
METALS IN SOIL BY ICAP	JS16	PB	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	1060	3920		16600	UGG	369.8	22.2
METALS IN SOIL BY ICAP	JS16	PB	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	996	3.68		10700	UGG	.4	3.4
METALS IN SOIL BY ICAP	JS16	PB	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	1030	3.68		10700	UGG	.4	3.4
METALS IN SOIL BY ICAP	JS16	PB	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	1070	1520		8390	UGG	142.1	114.7
METALS IN SOIL BY ICAP	JS16	PB	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	1070	412		8390	UGG	38.5	114.7
METALS IN SOIL BY ICAP	JS16	PB	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	1000	3.68		10900	UGG	.4	196.8
METALS IN SOIL BY ICAP	JS16	PB	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	1010	466		10900	UGG	46.1	196.8
		**********											----------	
		avg											79.5	
		minimum											.2	
		maximum											462.3	
METALS IN SOIL BY ICAP	JS16	K	EX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	5010	4950		606	UGG	98.8	1.0
METALS IN SOIL BY ICAP	JS16	K	EX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	5010	4900		606	UGG	97.8	1.0
METALS IN SOIL BY ICAP	JS16	K	EX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	6480	6490		300	UGG	100.2	.6
METALS IN SOIL BY ICAP	JS16	K	EX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	6460	6430		300	UGG	99.5	.6
METALS IN SOIL BY ICAP	JS16	K	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	6000	6430		319	UGG	107.2	2.5
METALS IN SOIL BY ICAP	JS16	K	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	5930	6200		319	UGG	104.6	2.5
METALS IN SOIL BY ICAP	JS16	K	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	11100	11900		1240	UGG	107.2	1.7
METALS IN SOIL BY ICAP	JS16	K	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	11200	11800		1240	UGG	105.4	1.7
METALS IN SOIL BY ICAP	JS16	K	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	5300	5370		766	UGG	101.3	.2

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value <	Original Sample Value	Units	Percent Recovery	RPD
METALS IN SOIL BY ICAP	JS16	K	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	5300	5360	766	UGG	101.1	.2
METALS IN SOIL BY ICAP	JS16	K	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	5170	5400	483	UGG	104.4	2.0
METALS IN SOIL BY ICAP	JS16	K	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	4980	5100	483	UGG	102.4	2.0
METALS IN SOIL BY ICAP	JS16	K	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	5340	5840	517	UGG	109.4	1.6
METALS IN SOIL BY ICAP	JS16	K	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	5350	5760	517	UGG	107.7	1.6
METALS IN SOIL BY ICAP	JS16	K	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	5040	5540	415	UGG	109.9	6.7
METALS IN SOIL BY ICAP	JS16	K	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	5020	5160	415	UGG	102.8	6.7
		**********										----------	
		avg										103.7	
		minimum										97.8	
		maximum										109.9	
METALS IN SOIL BY ICAP	JS16	MG	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	5010	4850	1670	UGG	96.8	2.7
METALS IN SOIL BY ICAP	JS16	MG	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	5010	4720	1670	UGG	94.2	2.7
METALS IN SOIL BY ICAP	JS16	MG	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	6480	6630	808	UGG	102.3	1.8
METALS IN SOIL BY ICAP	JS16	MG	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	6460	6490	808	UGG	100.5	1.8
METALS IN SOIL BY ICAP	JS16	MG	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	6000	6170	894	UGG	102.8	1.3
METALS IN SOIL BY ICAP	JS16	MG	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	5930	6020	894	UGG	101.5	1.3
METALS IN SOIL BY ICAP	JS16	MG	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	11100	11800	3880	UGG	106.3	1.7
METALS IN SOIL BY ICAP	JS16	MG	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	11200	11700	3880	UGG	104.5	1.7
METALS IN SOIL BY ICAP	JS16	MG	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	5300	6140	4260	UGG	115.8	1.8
METALS IN SOIL BY ICAP	JS16	MG	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	5300	6030	4260	UGG	113.8	1.8
METALS IN SOIL BY ICAP	JS16	MG	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	5170	5570	2130	UGG	107.7	5.5
METALS IN SOIL BY ICAP	JS16	MG	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	4980	5080	2130	UGG	102.0	5.5
METALS IN SOIL BY ICAP	JS16	MG	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	5340	6440	1910	UGG	120.6	10.6
METALS IN SOIL BY ICAP	JS16	MG	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	5350	5800	1910	UGG	108.4	10.6
METALS IN SOIL BY ICAP	JS16	MG	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	5040	5030	2630	UGG	99.8	18.3
METALS IN SOIL BY ICAP	JS16	MG	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	5020	4170	2630	UGG	83.1	18.3
		**********										----------	
		avg										103.8	
		minimum										83.1	
		maximum										120.6	
METALS IN SOIL BY ICAP	JS16	MN	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	50.1	2.05	333	UGG	4.1	0.0
METALS IN SOIL BY ICAP	JS16	MN	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	50.1	2.05	333	UGG	4.1	0.0
METALS IN SOIL BY ICAP	JS16	MN	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	64.8	61.5	51.9	UGG	94.9	7.1
METALS IN SOIL BY ICAP	JS16	MN	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	64.6	57.1	51.9	UGG	88.4	7.1

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN SOIL BY ICAP	JS16	MN	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	60	47.4		79.1	UGG	79.0	14.0
METALS IN SOIL BY ICAP	JS16	MN	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	59.3	40.7		79.1	UGG	68.6	14.0
METALS IN SOIL BY ICAP	JS16	MN	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	112	113		123	UGG	100.9	1.8
METALS IN SOIL BY ICAP	JS16	MN	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	111	110		123	UGG	99.1	1.8
METALS IN SOIL BY ICAP	JS16	MN	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	53	253		329	UGG	477.4	51.1
METALS IN SOIL BY ICAP	JS16	MN	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	53	150		329	UGG	283.0	51.1
METALS IN SOIL BY ICAP	JS16	MN	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	49.8	2.05		249	UGG	4.1	3.7
METALS IN SOIL BY ICAP	JS16	MN	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	51.7	2.05		249	UGG	4.0	3.7
METALS IN SOIL BY ICAP	JS16	MN	AXE9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	53.4	72.8		303	UGG	136.3	189.1
METALS IN SOIL BY ICAP	JS16	MN	AXE9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	53.5	2.05		303	UGG	3.8	189.1
METALS IN SOIL BY ICAP	JS16	MN	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	50.4	39.5		161	UGG	78.4	180.2
METALS IN SOIL BY ICAP	JS16	MN	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	50.2	2.05		161	UGG	4.1	180.2
		**********											----------	
		avg											95.6	
		minimum											3.8	
		maximum											477.4	
METALS IN SOIL BY ICAP	JS16	NA	EX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	5010	5090		426	UGG	101.6	.6
METALS IN SOIL BY ICAP	JS16	NA	EX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	5010	5060		426	UGG	101.0	.6
METALS IN SOIL BY ICAP	JS16	NA	EX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	6480	6390		725	UGG	98.6	2.1
METALS IN SOIL BY ICAP	JS16	NA	EX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	6460	6240		725	UGG	96.6	2.1
METALS IN SOIL BY ICAP	JS16	NA	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	6000	6100		297	UGG	101.7	1.5
METALS IN SOIL BY ICAP	JS16	NA	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	5930	5940		297	UGG	100.2	1.5
METALS IN SOIL BY ICAP	JS16	NA	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	11100	11900		741	UGG	107.2	2.6
METALS IN SOIL BY ICAP	JS16	NA	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	11200	11700		741	UGG	104.5	2.6
METALS IN SOIL BY ICAP	JS16	NA	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	5300	5280		289	UGG	99.6	1.1
METALS IN SOIL BY ICAP	JS16	NA	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	5300	5220		289	UGG	98.5	1.1
METALS IN SOIL BY ICAP	JS16	NA	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	5170	5280		323	UGG	102.1	1.1
METALS IN SOIL BY ICAP	JS16	NA	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	4980	5140		323	UGG	103.2	1.1
METALS IN SOIL BY ICAP	JS16	NA	AXE9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	5350	5430		386	UGG	101.5	2.8
METALS IN SOIL BY ICAP	JS16	NA	AXE9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	5340	5270		386	UGG	98.7	2.8
METALS IN SOIL BY ICAP	JS16	NA	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	5040	5210		259	UGG	103.4	1.7
METALS IN SOIL BY ICAP	JS16	NA	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	5020	5100		259	UGG	101.6	1.7
		**********											----------	
		avg											101.2	
		minimum											96.6	
		maximum											107.2	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN SOIL BY ICAP	JS16	NI	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	50.1	54.3		9.34	UGG	108.4	3.6
METALS IN SOIL BY ICAP	JS16	NI	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	50.1	52.4		9.34	UGG	104.6	3.6
METALS IN SOIL BY ICAP	JS16	NI	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	64.8	69.7		5.78	UGG	107.6	.4
METALS IN SOIL BY ICAP	JS16	NI	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	64.6	69.2		5.78	UGG	107.1	.4
METALS IN SOIL BY ICAP	JS16	NI	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	60	67.2		4.2	UGG	112.0	.6
METALS IN SOIL BY ICAP	JS16	NI	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	59.3	66		4.2	UGG	111.3	.6
METALS IN SOIL BY ICAP	JS16	NI	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	111	124		25.7	UGG	111.7	.9
METALS IN SOIL BY ICAP	JS16	NI	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	112	124		25.7	UGG	110.7	.9
METALS IN SOIL BY ICAP	JS16	NI	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	53	62.4		32.6	UGG	117.7	8.6
METALS IN SOIL BY ICAP	JS16	NI	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	53	68		32.6	UGG	128.3	8.6
METALS IN SOIL BY ICAP	JS16	NI	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	51.7	55.8		13.7	UGG	107.9	3.5
METALS IN SOIL BY ICAP	JS16	NI	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	49.8	51.9		13.7	UGG	104.2	3.5
METALS IN SOIL BY ICAP	JS16	NI	AXE9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	53.4	60.2		20.6	UGG	112.7	2.2
METALS IN SOIL BY ICAP	JS16	NI	AXE9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	53.5	59		20.6	UGG	110.3	2.2
METALS IN SOIL BY ICAP	JS16	NI	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	50.4	48.8		18.1	UGG	96.8	7.5
METALS IN SOIL BY ICAP	JS16	NI	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	50.2	45.1		18.1	UGG	89.8	7.5
		**********											----------	
		avg											108.8	
		minimum											89.8	
		maximum											128.3	
METALS IN SOIL BY ICAP	JS16	PB	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	194	197		76.2	UGG	101.5	5.2
METALS IN SOIL BY ICAP	JS16	PB	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	194	187		76.2	UGG	96.4	5.2
METALS IN SOIL BY ICAP	JS16	PB	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	335	351		188	UGG	104.8	5.0
METALS IN SOIL BY ICAP	JS16	PB	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	334	333		188	UGG	99.7	5.0
METALS IN SOIL BY ICAP	JS16	PB	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	155	157		21.7	UGG	101.3	.7
METALS IN SOIL BY ICAP	JS16	PB	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	149	152		21.7	UGG	102.0	.7
		**********											----------	
		avg											101.0	
		minimum											96.4	
		maximum											104.8	
METALS IN SOIL BY ICAP	JS16	V	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	50.1	49.2		8.07	UGG	98.2	.2
METALS IN SOIL BY ICAP	JS16	V	BX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	50.1	49.1		8.07	UGG	98.0	.2
METALS IN SOIL BY ICAP	JS16	V	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	64.8	63.5		11.9	UGG	98.0	.6
METALS IN SOIL BY ICAP	JS16	V	BX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	64.6	62.9		11.9	UGG	97.4	.6

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN SOIL BY ICAP	JS16	V	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	60	62.5	<	3.39	UGG	104.2	1.4
METALS IN SOIL BY ICAP	JS16	V	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	59.3	60.9	<	3.39	UGG	102.7	1.4
METALS IN SOIL BY ICAP	JS16	V	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	111	117		28.4	UGG	105.4	.9
METALS IN SOIL BY ICAP	JS16	V	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	112	117		28.4	UGG	104.5	.9
METALS IN SOIL BY ICAP	JS16	V	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	53	54.3		11.8	UGG	102.5	.9
METALS IN SOIL BY ICAP	JS16	V	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	53	53.8		11.8	UGG	101.5	.9
METALS IN SOIL BY ICAP	JS16	V	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	51.7	51.5		12.9	UGG	99.6	1.6
METALS IN SOIL BY ICAP	JS16	V	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	49.8	48.8		12.9	UGG	98.0	1.6
METALS IN SOIL BY ICAP	JS16	V	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	53.4	57.7		8.53	UGG	108.1	3.0
METALS IN SOIL BY ICAP	JS16	V	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	53.5	56.1		8.53	UGG	104.9	3.0
METALS IN SOIL BY ICAP	JS16	V	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	50.4	52.2		10.4	UGG	103.6	9.0
METALS IN SOIL BY ICAP	JS16	V	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	50.2	47.5		10.4	UGG	94.6	9.0
		**********											----------	
		avg											101.3	
		minimum											94.6	
		maximum											108.1	
METALS IN SOIL BY ICAP	JS16	ZN	EX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	100	105		14.9	UGG	105.0	0.0
METALS IN SOIL BY ICAP	JS16	ZN	EX570506	DV4S*105	UBVF	19-SEP-95	05-OCT-95	100	105		14.9	UGG	105.0	0.0
METALS IN SOIL BY ICAP	JS16	ZN	EX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	130	144		42.9	UGG	110.8	10.2
METALS IN SOIL BY ICAP	JS16	ZN	EX571502	DV4S*115	UBVF	21-SEP-95	05-OCT-95	129	129		42.9	UGG	100.0	10.2
METALS IN SOIL BY ICAP	JS16	ZN	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	120	130	<	8.03	UGG	108.3	1.5
METALS IN SOIL BY ICAP	JS16	ZN	BX570319	DV4S*147	UBYF	27-SEP-95	20-OCT-95	119	127	<	8.03	UGG	106.7	1.5
METALS IN SOIL BY ICAP	JS16	ZN	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	224	243		129	UGG	108.5	3.3
METALS IN SOIL BY ICAP	JS16	ZN	DX570500	DV4S*191	UBUF	13-SEP-95	03-OCT-95	222	233		129	UGG	105.0	3.3
METALS IN SOIL BY ICAP	JS16	ZN	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	106	126		31.6	UGG	118.9	2.4
METALS IN SOIL BY ICAP	JS16	ZN	BXAX0206	DV4S*216	UBYF	27-SEP-95	20-OCT-95	106	123		31.6	UGG	116.0	2.4
METALS IN SOIL BY ICAP	JS16	ZN	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	103	108		26.1	UGG	104.9	.4
METALS IN SOIL BY ICAP	JS16	ZN	BXZW0200	DV4S*248	UBVF	19-SEP-95	05-OCT-95	99.6	104		26.1	UGG	104.4	.4
METALS IN SOIL BY ICAP	JS16	ZN	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	107	114		24.3	UGG	106.5	.9
METALS IN SOIL BY ICAP	JS16	ZN	AXB9503X	DV4S*315	UBFG	27-DEC-95	10-JAN-96	107	113		24.3	UGG	105.6	.9
METALS IN SOIL BY ICAP	JS16	ZN	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	101	111		39.6	UGG	109.9	9.4
METALS IN SOIL BY ICAP	JS16	ZN	DXZW0200	DV4S*391	UBUF	11-SEP-95	03-OCT-95	100	100		39.6	UGG	100.0	9.4
		**********											----------	
		avg											107.2	
		minimum											100.0	
		maximum											118.9	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
	LH10	ABNSLF	BX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.0152	<	.00602	UGG	74.1	7.5
	LH10	ABNSLF	BX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.0141	<	.00602	UGG	68.8	7.5
	LH10	ABNSLF	BX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.0178	<	.00602	UGG	67.2	27.5
	LH10	ABNSLF	BX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.0135	<	.00602	UGG	50.9	27.5
	LH10	ABNSLF	BX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0217	<	.00602	UGG	104.3	11.2
	LH10	ABNSLF	BX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0194	<	.00602	UGG	93.3	11.2
	LH10	ABNSLF	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.0206	<	.00602	UGG	85.5	8.1
	LH10	ABNSLF	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.019	<	.00602	UGG	78.8	8.1
	LH10	ABNSLF	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.0405	<	.00602	UGG	88.2	2.2
	LH10	ABNSLF	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.0396	<	.00602	UGG	86.3	2.2
	LH10	ABNSLF	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.0169	<	.00602	UGG	82.8	1.8
	LH10	ABNSLF	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.0166	<	.00602	UGG	81.4	1.8
		**********											----------	
		avg											80.1	
		minimum											50.9	
		maximum											104.3	
	LH10	ALDRN	BX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.0152	<	.00729	UGG	74.1	8.2
	LH10	ALDRN	BX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.014	<	.00729	UGG	68.3	8.2
	LH10	ALDRN	BX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.0281	<	.00729	UGG	106.0	19.5
	LH10	ALDRN	BX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.0231	<	.00729	UGG	87.2	19.5
	LH10	ALDRN	BX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0235	<	.00729	UGG	113.0	9.4
	LH10	ALDRN	BX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0214	<	.00729	UGG	102.9	9.4
	LH10	ALDRN	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.0191	<	.00729	UGG	79.3	13.4
	LH10	ALDRN	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.0167	<	.00729	UGG	69.3	13.4
	LH10	ALDRN	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.0497	<	.00729	UGG	108.3	2.4
	LH10	ALDRN	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.0485	<	.00729	UGG	105.7	2.4
	LH10	ALDRN	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.0183	<	.00729	UGG	89.7	6.2
	LH10	ALDRN	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.0172	<	.00729	UGG	84.3	6.2
		**********											----------	
		avg											90.7	
		minimum											68.3	
		maximum											113.0	
	LH10	BENSLF	BX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.0141	<	.00663	UGG	68.8	8.9

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
	LH10	BENSLF	EX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.0129	<	.00663	UGG	62.9	8.9
	LH10	BENSLF	EX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.048	<	.00663	UGG	181.1	6.5
	LH10	BENSLF	EX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.045	<	.00663	UGG	169.8	6.5
	LH10	BENSLF	EX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0213	<	.00663	UGG	102.4	27.2
	LH10	BENSLF	EX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0162	<	.00663	UGG	77.9	27.2
	LH10	BENSLF	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.0156	<	.00663	UGG	64.7	3.9
	LH10	BENSLF	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.015	<	.00663	UGG	62.2	3.9
	LH10	BENSLF	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.047	<	.00663	UGG	102.4	2.2
	LH10	BENSLF	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.046	<	.00663	UGG	100.2	2.2
	LH10	BENSLF	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.0178	<	.00663	UGG	87.3	7.6
	LH10	BENSLF	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.0165	<	.00663	UGG	80.9	7.6
		**********											----------	
		avg											96.7	
		minimum											62.2	
		maximum											181.1	
	LH10	DLDRN	EX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.0151	<	.00629	UGG	73.7	9.0
	LH10	DLDRN	EX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.0138	<	.00629	UGG	67.3	9.0
	LH10	DLDRN	EX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.0195		.0115	UGG	73.6	26.7
	LH10	DLDRN	EX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.0149		.0115	UGG	56.2	26.7
	LH10	DLDRN	EX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0172		.0127	UGG	82.7	3.6
	LH10	DLDRN	EX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0166		.0127	UGG	79.8	3.6
	LH10	DLDRN	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.0193	<	.00629	UGG	80.1	4.2
	LH10	DLDRN	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.0185	<	.00629	UGG	76.8	4.2
	LH10	DLDRN	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.0518		.0183	UGG	112.9	4.3
	LH10	DLDRN	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.0496		.0183	UGG	108.1	4.3
	LH10	DLDRN	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.0211	<	.00629	UGG	103.4	11.0
	LH10	DLDRN	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.0189	<	.00629	UGG	92.6	11.0
		**********											----------	
		avg											83.9	
		minimum											56.2	
		maximum											112.9	
	LH10	ENDRN	EX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.0133	<	.00657	UGG	64.9	5.4
	LH10	ENDRN	EX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.0126	<	.00657	UGG	61.5	5.4
	LH10	ENDRN	EX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.0253	<	.00657	UGG	95.5	2.0
	LH10	ENDRN	EX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.0248	<	.00657	UGG	93.6	2.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
	LH10	ENDRN	EX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0206	<	.00657	UGG	99.0	28.3
	LH10	ENDRN	EX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0155	<	.00657	UGG	74.5	28.3
	LH10	ENDRN	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.0215	<	.00657	UGG	89.2	5.7
	LH10	ENDRN	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.0203	<	.00657	UGG	84.2	5.7
	LH10	ENDRN	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.0335	<	.00657	UGG	73.0	5.2
	LH10	ENDRN	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.0318	<	.00657	UGG	69.3	5.2
	LH10	ENDRN	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.0172	<	.00657	UGG	84.3	2.9
	LH10	ENDRN	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.0167	<	.00657	UGG	81.9	2.9
		**********											----------	
		avg											80.9	
		minimum											61.5	
		maximum											99.0	
	LH10	HPCL	EX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.0169	<	.00618	UGG	82.4	7.4
	LH10	HPCL	EX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.0157	<	.00618	UGG	76.6	7.4
	LH10	HPCL	EX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.0227	<	.00618	UGG	85.7	28.1
	LH10	HPCL	EX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.0171	<	.00618	UGG	64.5	28.1
	LH10	HPCL	EX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0217	<	.00618	UGG	104.3	10.7
	LH10	HPCL	EX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0195	<	.00618	UGG	93.8	10.7
	LH10	HPCL	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.0191	<	.00618	UGG	79.3	13.4
	LH10	HPCL	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.0167	<	.00618	UGG	69.3	13.4
	LH10	HPCL	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.0487	<	.00618	UGG	106.1	4.0
	LH10	HPCL	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.0468	<	.00618	UGG	102.0	4.0
	LH10	HPCL	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.0175	<	.00618	UGG	85.8	5.3
	LH10	HPCL	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.0166	<	.00618	UGG	81.4	5.3
		**********											----------	
		avg											85.9	
		minimum											64.5	
		maximum											106.1	
	LH10	ISODR	EX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0307	.0243	<	.00461	UGG	79.2	9.5
	LH10	ISODR	EX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0307	.0221	<	.00461	UGG	72.0	9.5
	LH10	ISODR	EX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0398	.0364	<	.00461	UGG	91.5	18.6
	LH10	ISODR	EX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0398	.0302	<	.00461	UGG	75.9	18.6
	LH10	ISODR	EX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0312	.0352	<	.00461	UGG	112.8	2.6
	LH10	ISODR	EX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0312	.0343	<	.00461	UGG	109.9	2.6
	LH10	ISODR	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0361	.0283	<	.00461	UGG	78.4	5.8

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
	LH10	ISODR	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0361	.0267	<	.00461	UGG	74.0	5.8
	LH10	ISODR	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0688	.0675	<	.00461	UGG	98.1	5.2
	LH10	ISODR	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0688	.0641	<	.00461	UGG	93.2	5.2
	LH10	ISODR	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0305	.0265	<	.00461	UGG	86.9	.4
	LH10	ISODR	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0305	.0264	<	.00461	UGG	86.6	.4
		**********											----------	
		avg											88.2	
		minimum											72.0	
		maximum											112.8	
	LH10	LIN	EX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.0122	<	.00638	UGG	59.5	11.3
	LH10	LIN	EX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.0109	<	.00638	UGG	53.2	11.3
	LH10	LIN	EX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.0188	<	.00638	UGG	70.9	5.5
	LH10	LIN	EX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.0178	<	.00638	UGG	67.2	5.5
	LH10	LIN	EX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0195	<	.00638	UGG	93.8	9.7
	LH10	LIN	EX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0177	<	.00638	UGG	85.1	9.7
	LH10	LIN	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.0162	<	.00638	UGG	67.2	15.3
	LH10	LIN	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.0139	<	.00638	UGG	57.7	15.3
	LH10	LIN	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.0423	<	.00638	UGG	92.2	8.9
	LH10	LIN	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.0387	<	.00638	UGG	84.3	8.9
	LH10	LIN	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.0169	<	.00638	UGG	82.8	7.4
	LH10	LIN	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.0157	<	.00638	UGG	77.0	7.4
		**********											----------	
		avg											74.2	
		minimum											53.2	
		maximum											93.8	
	LH10	MEXCLR	EX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.205	.121	<	.0711	UGG	59.0	3.4
	LH10	MEXCLR	EX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.205	.117	<	.0711	UGG	57.1	3.4
	LH10	MEXCLR	EX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.265	.102	<	.0711	UGG	38.5	13.6
	LH10	MEXCLR	EX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.265	.089	<	.0711	UGG	33.6	13.6
	LH10	MEXCLR	EX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.208	.197	<	.0711	UGG	94.7	7.9
	LH10	MEXCLR	EX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.208	.182	<	.0711	UGG	87.5	7.9
	LH10	MEXCLR	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.241	.226	<	.0711	UGG	93.8	.4
	LH10	MEXCLR	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.241	.225	<	.0711	UGG	93.4	.4
	LH10	MEXCLR	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.459	.466	<	.0711	UGG	101.5	1.1
	LH10	MEXCLR	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.459	.461	<	.0711	UGG	100.4	1.1

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
	LH10	MEXCLR	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.203	.176	<	.0711	UGG	86.7	13.3
	LH10	MEXCLR	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.203	.154	<	.0711	UGG	75.9	13.3
		**********											----------	
		avg											76.8	
		minimum											33.6	
		maximum											101.5	
	LH10	PPDDT	BX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.0112	<	.00707	UGG	54.6	4.6
	LH10	PPDDT	BX570506	DV4S*105	UFTD	19-SEP-95	18-OCT-95	.0205	.0107	<	.00707	UGG	52.2	4.6
	LH10	PPDDT	BX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.028	<	.00707	UGG	105.7	15.4
	LH10	PPDDT	BX571502	DV4S*115	UFUD	21-SEP-95	20-OCT-95	.0265	.024	<	.00707	UGG	90.6	15.4
	LH10	PPDDT	BX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0319	<	.00707	UGG	153.4	6.5
	LH10	PPDDT	BX571600	DV4S*121	UFVD	21-SEP-95	28-OCT-95	.0208	.0299	<	.00707	UGG	143.8	6.5
	LH10	PPDDT	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.0216	<	.00707	UGG	89.6	2.3
	LH10	PPDDT	BX570319	DV4S*147	UFXD	27-SEP-95	06-NOV-95	.0241	.0211	<	.00707	UGG	87.6	2.3
	LH10	PPDDT	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.014		.0363	UGG	30.5	0.0
	LH10	PPDDT	DX570500	DV4S*191	UFRD	13-SEP-95	08-OCT-95	.0459	.014		.0363	UGG	30.5	0.0
	LH10	PPDDT	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.034		.021	UGG	166.7	38.6
	LH10	PPDDT	DXZW0200	DV4S*391	UFQD	11-SEP-95	30-SEP-95	.0204	.023		.021	UGG	112.7	38.6
		**********											----------	
		avg											93.1	
		minimum											30.5	
		maximum											166.7	
	LH16	PCB016	BX570506	DV4S*105	NGYB	19-SEP-95	10-OCT-95	.273	.205	<	.0666	UGG	75.1	28.4
	LH16	PCB016	BX570506	DV4S*105	NGYB	19-SEP-95	10-OCT-95	.273	.154	<	.0666	UGG	56.4	28.4
	LH16	PCB016	BX571502	DV4S*115	NGZB	21-SEP-95	21-OCT-95	.354	.315	<	.0666	UGG	89.0	8.3
	LH16	PCB016	BX571502	DV4S*115	NGZB	21-SEP-95	21-OCT-95	.354	.29	<	.0666	UGG	81.9	8.3
	LH16	PCB016	BX572500	DV4S*125	NGAF	22-SEP-95	03-NOV-95	.276	.197	<	.0666	UGG	71.4	3.1
	LH16	PCB016	BX572500	DV4S*125	NGAF	22-SEP-95	03-NOV-95	.276	.191	<	.0666	UGG	69.2	3.1
	LH16	PCB016	BX570319	DV4S*147	NGCF	27-SEP-95	02-NOV-95	.321	.292	<	.0666	UGG	91.0	4.6
	LH16	PCB016	BX570319	DV4S*147	NGCF	27-SEP-95	02-NOV-95	.321	.279	<	.0666	UGG	86.9	4.6
	LH16	PCB016	DX570500	DV4S*191	NGWB	13-SEP-95	06-OCT-95	.612	.422	<	.0666	UGG	69.0	17.5
	LH16	PCB016	DX570500	DV4S*191	NGWB	13-SEP-95	06-OCT-95	.612	.354	<	.0666	UGG	57.8	17.5
	LH16	PCB016	DXZW0200	DV4S*391	NGVB	11-SEP-95	03-OCT-95	.271	.227	<	.0666	UGG	83.8	3.1
	LH16	PCB016	DXZW0200	DV4S*391	NGVB	11-SEP-95	03-OCT-95	.271	.22	<	.0666	UGG	81.2	3.1

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
		**********											----------	
		avg											76.1	
		minimum											56.4	
		maximum											91.0	
	LH16	PCB260	BX570506	DV4S*105	NGYB	19-SEP-95	10-OCT-95	.273	.316	<	.0804	UGG	115.8	41.7
	LH16	PCB260	BX570506	DV4S*105	NGYB	19-SEP-95	10-OCT-95	.273	.207	<	.0804	UGG	75.8	41.7
	LH16	PCB260	BX571502	DV4S*115	NGZB	21-SEP-95	21-OCT-95	.354	.8		7.3	UGG	226.0	0.0
	LH16	PCB260	BX571502	DV4S*115	NGZB	21-SEP-95	21-OCT-95	.354	.8		7.3	UGG	226.0	0.0
	LH16	PCB260	BX572500	DV4S*125	NGAF	22-SEP-95	03-NOV-95	.276	.208	<	.0804	UGG	75.4	8.0
	LH16	PCB260	BX572500	DV4S*125	NGAF	22-SEP-95	03-NOV-95	.276	.192	<	.0804	UGG	69.6	8.0
	LH16	PCB260	BX570319	DV4S*147	NGCF	27-SEP-95	02-NOV-95	.321	.373	<	.0804	UGG	116.2	22.0
	LH16	PCB260	BX570319	DV4S*147	NGCF	27-SEP-95	02-NOV-95	.321	.299	<	.0804	UGG	93.1	22.0
	LH16	PCB260	DX570500	DV4S*191	NGWB	13-SEP-95	06-OCT-95	.612	.625		.301	UGG	102.1	50.8
	LH16	PCB260	DX570500	DV4S*191	NGWB	13-SEP-95	06-OCT-95	.612	.372		.301	UGG	60.8	50.8
	LH16	PCB260	DXZW0200	DV4S*391	NGVB	11-SEP-95	03-OCT-95	.271	.276	<	.0804	UGG	101.8	.4
	LH16	PCB260	DXZW0200	DV4S*391	NGVB	11-SEP-95	03-OCT-95	.271	.275	<	.0804	UGG	101.5	.4
		**********											----------	
		avg											113.7	
		minimum											60.8	
		maximum											226.0	
HG IN WATER BY CVAA	SB01	HG	MX5701X1	DV4F*167	QJZC	30-OCT-95	24-NOV-95	4	3.82	<	.243	UGL	95.5	1.1
HG IN WATER BY CVAA	SB01	HG	MX5701X1	DV4F*167	QJZC	30-OCT-95	24-NOV-95	4	3.78	<	.243	UGL	94.5	1.1
HG IN WATER BY CVAA	SB01	HG	MX5705X1	DV4F*175	QJAD	02-NOV-95	29-NOV-95	4	3.93	<	.243	UGL	98.3	4.7
HG IN WATER BY CVAA	SB01	HG	MX5705X1	DV4F*175	QJAD	02-NOV-95	29-NOV-95	4	3.75	<	.243	UGL	93.8	4.7
HG IN WATER BY CVAA	SB01	HG	WX5705XX	DV4F*204	QJRC	13-SEP-95	06-OCT-95	4	3.61	<	.243	UGL	90.3	1.4
HG IN WATER BY CVAA	SB01	HG	WX5705XX	DV4F*204	QJRC	13-SEP-95	06-OCT-95	4	3.56	<	.243	UGL	89.0	1.4
HG IN WATER BY CVAA	SB01	HG	MX5701X1	DV4W*167	QJZC	30-OCT-95	24-NOV-95	4	2.91	<	.243	UGL	72.8	2.8
HG IN WATER BY CVAA	SB01	HG	MX5701X1	DV4W*167	QJZC	30-OCT-95	24-NOV-95	4	2.83	<	.243	UGL	70.8	2.8
HG IN WATER BY CVAA	SB01	HG	MX5705X1	DV4W*175	QJAD	02-NOV-95	29-NOV-95	4	3.93	<	.243	UGL	98.3	1.3
HG IN WATER BY CVAA	SB01	HG	MX5705X1	DV4W*175	QJAD	02-NOV-95	29-NOV-95	4	3.88	<	.243	UGL	97.0	1.3
HG IN WATER BY CVAA	SB01	HG	WX5705XX	DV4W*204	QJRC	13-SEP-95	06-OCT-95	4	3.51	<	.243	UGL	87.8	9.9
HG IN WATER BY CVAA	SB01	HG	WX5705XX	DV4W*204	QJRC	13-SEP-95	06-OCT-95	4	3.18	<	.243	UGL	79.5	9.9
HG IN WATER BY CVAA	SB01	HG	MXZW10X3	DV4W*271	QJCD	02-NOV-95	28-NOV-95	4	4.25	<	.243	UGL	106.3	14.1
HG IN WATER BY CVAA	SB01	HG	MXZW10X3	DV4W*271	QJCD	02-NOV-95	28-NOV-95	4	3.69	<	.243	UGL	92.3	14.1

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
		**********												
		avg											90.4	
		minimum											70.8	
		maximum											106.3	
TL IN WATER BY GFAA	SD09	TL	MX5701X1	DV4F*167	UCMB	30-OCT-95	27-NOV-95	10	11.7	<	6.99	UGL	117.0	11.8
TL IN WATER BY GFAA	SD09	TL	MX5701X1	DV4F*167	UCMB	30-OCT-95	27-NOV-95	10	10.4	<	6.99	UGL	104.0	11.8
TL IN WATER BY GFAA	SD09	TL	MX5703X1	DV4F*171	UCNB	02-NOV-95	01-DEC-95	10	11.8	<	6.99	UGL	118.0	1.7
TL IN WATER BY GFAA	SD09	TL	MX5703X1	DV4F*171	UCNB	02-NOV-95	01-DEC-95	10	12	<	6.99	UGL	120.0	1.7
TL IN WATER BY GFAA	SD09	TL	WX5705XX	DV4F*204	UCHB	13-SEP-95	09-OCT-95	10	9.4	<	6.99	UGL	94.0	19.9
TL IN WATER BY GFAA	SD09	TL	WX5705XX	DV4F*204	UCHB	13-SEP-95	09-OCT-95	10	7.7	<	6.99	UGL	77.0	19.9
TL IN WATER BY GFAA	SD09	TL	MXAX02X1	DV4F*233	UCMB	31-OCT-95	27-NOV-95	10	10.6	<	6.99	UGL	106.0	3.7
TL IN WATER BY GFAA	SD09	TL	MXAX02X1	DV4F*233	UCMB	31-OCT-95	27-NOV-95	10	11	<	6.99	UGL	110.0	3.7
TL IN WATER BY GFAA	SD09	TL	MXZW10X3	DV4F*271	UCPB	02-NOV-95	30-NOV-95	10	10.2	<	6.99	UGL	102.0	3.0
TL IN WATER BY GFAA	SD09	TL	MXZW10X3	DV4F*271	UCPB	02-NOV-95	30-NOV-95	10	9.9	<	6.99	UGL	99.0	3.0
TL IN WATER BY GFAA	SD09	TL	MX5701X1	DV4W*167	UCMB	30-OCT-95	27-NOV-95	10	11.6	<	6.99	UGL	116.0	0.0
TL IN WATER BY GFAA	SD09	TL	MX5701X1	DV4W*167	UCMB	30-OCT-95	27-NOV-95	10	11.6	<	6.99	UGL	116.0	0.0
TL IN WATER BY GFAA	SD09	TL	MX5703X1	DV4W*171	UCNB	02-NOV-95	01-DEC-95	10	12.3	<	6.99	UGL	123.0	3.3
TL IN WATER BY GFAA	SD09	TL	MX5703X1	DV4W*171	UCNB	02-NOV-95	01-DEC-95	10	11.9	<	6.99	UGL	119.0	3.3
TL IN WATER BY GFAA	SD09	TL	WX5705XX	DV4W*204	UCHB	13-SEP-95	09-OCT-95	10	9.1	<	6.99	UGL	91.0	2.2
TL IN WATER BY GFAA	SD09	TL	WX5705XX	DV4W*204	UCHB	13-SEP-95	09-OCT-95	10	8.9	<	6.99	UGL	89.0	2.2
TL IN WATER BY GFAA	SD09	TL	MXAX02X1	DV4W*233	UCMB	31-OCT-95	27-NOV-95	10	10.6	<	6.99	UGL	106.0	3.7
TL IN WATER BY GFAA	SD09	TL	MXAX02X1	DV4W*233	UCMB	31-OCT-95	27-NOV-95	10	11	<	6.99	UGL	110.0	3.7
TL IN WATER BY GFAA	SD09	TL	MXZW10X3	DV4W*271	UCPB	02-NOV-95	30-NOV-95	10	10.1	<	6.99	UGL	101.0	7.2
TL IN WATER BY GFAA	SD09	TL	MXZW10X3	DV4W*271	UCPB	02-NOV-95	30-NOV-95	10	9.4	<	6.99	UGL	94.0	7.2
		**********												
		avg											105.6	
		minimum											77.0	
		maximum											123.0	
PB IN WATER BY GFAA	SD20	PB	MX5701X1	DV4F*167	WCVF	30-OCT-95	28-NOV-95	40	34.8		1.41	UGL	87.0	0.0
PB IN WATER BY GFAA	SD20	PB	MX5701X1	DV4F*167	WCVF	30-OCT-95	28-NOV-95	40	34.8		1.41	UGL	87.0	0.0
PB IN WATER BY GFAA	SD20	PB	MX5703X1	DV4F*171	WCWF	02-NOV-95	01-DEC-95	40	38.6		2.39	UGL	96.5	2.6
PB IN WATER BY GFAA	SD20	PB	MX5703X1	DV4F*171	WCWF	02-NOV-95	01-DEC-95	40	37.6		2.39	UGL	94.0	2.6
PB IN WATER BY GFAA	SD20	PB	WX5705XX	DV4F*204	WCPF	13-SEP-95	09-OCT-95	40	39.3	<	1.26	UGL	98.3	3.1

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
PB IN WATER BY GFAA	SD20	PB	WX5705XX	DV4F*204	WCPF	13-SEP-95	09-OCT-95	40	38.1	<	1.26	UGL	95.3	3.1
PB IN WATER BY GFAA	SD20	PB	MXAX02X1	DV4F*233	WCVF	31-OCT-95	28-NOV-95	40	34.5	<	1.26	UGL	86.3	1.2
PB IN WATER BY GFAA	SD20	PB	MXAX02X1	DV4F*233	WCVF	31-OCT-95	28-NOV-95	40	34.1	<	1.26	UGL	85.3	1.2
PB IN WATER BY GFAA	SD20	PB	MXZW10X3	DV4F*271	WCYF	02-NOV-95	30-NOV-95	40	40.1	<	1.26	UGL	100.3	3.0
PB IN WATER BY GFAA	SD20	PB	MXZW10X3	DV4F*271	WCYF	02-NOV-95	30-NOV-95	40	38.9	<	1.26	UGL	97.3	3.0
PB IN WATER BY GFAA	SD20	PB	MX5701X1	DV4W*167	WCVF	30-OCT-95	28-NOV-95	40	37.3		8.46	UGL	93.3	4.1
PB IN WATER BY GFAA	SD20	PB	MX5701X1	DV4W*167	WCVF	30-OCT-95	28-NOV-95	40	35.8		8.46	UGL	89.5	4.1
PB IN WATER BY GFAA	SD20	PB	MX5703X1	DV4W*171	WCWF	02-NOV-95	01-DEC-95	40	42.7	<	1.26	UGL	106.8	1.7
PB IN WATER BY GFAA	SD20	PB	MX5703X1	DV4W*171	WCWF	02-NOV-95	01-DEC-95	40	42	<	1.26	UGL	105.0	1.7
PB IN WATER BY GFAA	SD20	PB	WX5705XX	DV4W*204	WCPF	13-SEP-95	09-OCT-95	40	39.1	<	1.26	UGL	97.8	.5
PB IN WATER BY GFAA	SD20	PB	WX5705XX	DV4W*204	WCPF	13-SEP-95	09-OCT-95	40	38.9	<	1.26	UGL	97.3	.5
PB IN WATER BY GFAA	SD20	PB	MXAX02X1	DV4W*233	WCVF	31-OCT-95	28-NOV-95	40	37.1	<	1.26	UGL	92.8	1.9
PB IN WATER BY GFAA	SD20	PB	MXAX02X1	DV4W*233	WCVF	31-OCT-95	28-NOV-95	40	36.4	<	1.26	UGL	91.0	1.9
PB IN WATER BY GFAA	SD20	PB	MXZW10X3	DV4W*271	WCYF	02-NOV-95	30-NOV-95	40	36.2		3.36	UGL	90.5	1.7
PB IN WATER BY GFAA	SD20	PB	MXZW10X3	DV4W*271	WCYF	02-NOV-95	30-NOV-95	40	35.6		3.36	UGL	89.0	1.7
		**********											----------	
		avg											94.0	
		minimum											85.3	
		maximum											106.8	
SB IN WATER BY GFAA	SD21	SB	MX5701X1	DV4F*167	XCNF	30-OCT-95	28-NOV-95	37.5	36.5	<	3.02	UGL	97.3	4.0
SB IN WATER BY GFAA	SD21	SB	MX5701X1	DV4F*167	XCNF	30-OCT-95	28-NOV-95	37.5	38	<	3.02	UGL	101.3	4.0
SB IN WATER BY GFAA	SD21	SB	MX5703X1	DV4F*171	XCOF	02-NOV-95	30-NOV-95	37.5	37.9	<	3.02	UGL	101.1	6.5
SB IN WATER BY GFAA	SD21	SB	MX5703X1	DV4F*171	XCOF	02-NOV-95	30-NOV-95	37.5	35.5	<	3.02	UGL	94.7	6.5
SB IN WATER BY GFAA	SD21	SB	WX5705XX	DV4F*204	XCIF	13-SEP-95	10-OCT-95	37.5	37.7	<	3.02	UGL	100.5	6.9
SB IN WATER BY GFAA	SD21	SB	WX5705XX	DV4F*204	XCIF	13-SEP-95	10-OCT-95	37.5	35.2	<	3.02	UGL	93.9	6.9
SB IN WATER BY GFAA	SD21	SB	MXAX02X1	DV4F*233	XCNF	31-OCT-95	28-NOV-95	37.5	37.6	<	3.02	UGL	100.3	1.6
SB IN WATER BY GFAA	SD21	SB	MXAX02X1	DV4F*233	XCNF	31-OCT-95	28-NOV-95	37.5	37	<	3.02	UGL	98.7	1.6
SB IN WATER BY GFAA	SD21	SB	MXZW10X3	DV4F*271	XCQF	02-NOV-95	30-NOV-95	37.5	33.6	<	3.02	UGL	89.6	.6
SB IN WATER BY GFAA	SD21	SB	MXZW10X3	DV4F*271	XCQF	02-NOV-95	30-NOV-95	37.5	33.4	<	3.02	UGL	89.1	.6
SB IN WATER BY GFAA	SD21	SB	MX5701X1	DV4W*167	XCNF	30-OCT-95	27-NOV-95	37.5	37.8	<	3.02	UGL	100.8	1.1
SB IN WATER BY GFAA	SD21	SB	MX5701X1	DV4W*167	XCNF	30-OCT-95	27-NOV-95	37.5	37.4	<	3.02	UGL	99.7	1.1
SB IN WATER BY GFAA	SD21	SB	MX5703X1	DV4W*171	XCOF	02-NOV-95	30-NOV-95	37.5	36.1	<	3.02	UGL	96.3	.6
SB IN WATER BY GFAA	SD21	SB	MX5703X1	DV4W*171	XCOF	02-NOV-95	30-NOV-95	37.5	35.9	<	3.02	UGL	95.7	.6
SB IN WATER BY GFAA	SD21	SB	WX5705XX	DV4W*204	XCIF	13-SEP-95	09-OCT-95	37.5	36.7	<	3.02	UGL	97.9	1.1
SB IN WATER BY GFAA	SD21	SB	WX5705XX	DV4W*204	XCIF	13-SEP-95	09-OCT-95	37.5	36.3	<	3.02	UGL	96.8	1.1

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
SB IN WATER BY GFAA	SD21	SB	MXAX02X1	DV4W*233	XCNF	31-OCT-95	27-NOV-95	37.5	37.5	<	3.02	UGL	100.0	1.1
SB IN WATER BY GFAA	SD21	SB	MXAX02X1	DV4W*233	XCNF	31-OCT-95	27-NOV-95	37.5	37.1	<	3.02	UGL	98.9	1.1
SB IN WATER BY GFAA	SD21	SB	MXZW10X3	DV4W*271	XCQF	02-NOV-95	30-NOV-95	37.5	34.8	<	3.02	UGL	92.8	4.7
SB IN WATER BY GFAA	SD21	SB	MXZW10X3	DV4W*271	XCQF	02-NOV-95	30-NOV-95	37.5	33.2	<	3.02	UGL	88.5	4.7
		**********											----------	
		avg											96.7	
		minimum											88.5	
		maximum											101.3	
AS IN WATER BY GFAA	SD22	AS	MX5701X1	DV4F*167	YCRF	30-OCT-95	29-NOV-95	37.5	39.4	<	2.54	UGL	105.1	4.4
AS IN WATER BY GFAA	SD22	AS	MX5701X1	DV4F*167	YCRF	30-OCT-95	29-NOV-95	37.5	37.7	<	2.54	UGL	100.5	4.4
AS IN WATER BY GFAA	SD22	AS	MX5703X1	DV4F*171	YCSF	02-NOV-95	30-NOV-95	37.5	46		71	UGL	122.7	6.7
AS IN WATER BY GFAA	SD22	AS	MX5703X1	DV4F*171	YCSF	02-NOV-95	30-NOV-95	37.5	43		71	UGL	114.7	6.7
AS IN WATER BY GFAA	SD22	AS	WX5705XX	DV4F*204	YCMF	13-SEP-95	09-OCT-95	37.5	37.2		8.85	UGL	99.2	2.7
AS IN WATER BY GFAA	SD22	AS	WX5705XX	DV4F*204	YCMF	13-SEP-95	09-OCT-95	37.5	36.2		8.85	UGL	96.5	2.7
AS IN WATER BY GFAA	SD22	AS	MXAX02X1	DV4F*233	YCRF	31-OCT-95	30-NOV-95	37.5	41.8		2.98	UGL	111.5	2.9
AS IN WATER BY GFAA	SD22	AS	MXAX02X1	DV4F*233	YCRF	31-OCT-95	30-NOV-95	37.5	40.6		2.98	UGL	108.3	2.9
AS IN WATER BY GFAA	SD22	AS	MXZW10X3	DV4F*271	YCUF	02-NOV-95	30-NOV-95	37.5	48		160	UGL	128.0	4.3
AS IN WATER BY GFAA	SD22	AS	MXZW10X3	DV4F*271	YCUF	02-NOV-95	30-NOV-95	37.5	46		160	UGL	122.7	4.3
AS IN WATER BY GFAA	SD22	AS	MX5701X1	DV4W*167	YCRF	30-OCT-95	29-NOV-95	37.5	40.2		24.5	UGL	107.2	2.8
AS IN WATER BY GFAA	SD22	AS	MX5701X1	DV4W*167	YCRF	30-OCT-95	29-NOV-95	37.5	39.1		24.5	UGL	104.3	2.8
AS IN WATER BY GFAA	SD22	AS	MX5703X1	DV4W*171	YCSF	02-NOV-95	30-NOV-95	37.5	45		74	UGL	120.0	0.0
AS IN WATER BY GFAA	SD22	AS	MX5703X1	DV4W*171	YCSF	02-NOV-95	30-NOV-95	37.5	45		74	UGL	120.0	0.0
AS IN WATER BY GFAA	SD22	AS	WX5705XX	DV4W*204	YCMF	13-SEP-95	09-OCT-95	37.5	36.7		9.17	UGL	97.9	3.6
AS IN WATER BY GFAA	SD22	AS	WX5705XX	DV4W*204	YCMF	13-SEP-95	09-OCT-95	37.5	35.4		9.17	UGL	94.4	3.6
AS IN WATER BY GFAA	SD22	AS	MXAX02X1	DV4W*233	YCRF	31-OCT-95	30-NOV-95	37.5	39.1		5.22	UGL	104.3	.5
AS IN WATER BY GFAA	SD22	AS	MXAX02X1	DV4W*233	YCRF	31-OCT-95	30-NOV-95	37.5	38.9		5.22	UGL	103.7	.5
AS IN WATER BY GFAA	SD22	AS	MXZW10X3	DV4W*271	YCUF	02-NOV-95	30-NOV-95	37.5	45		180	UGL	120.0	11.8
AS IN WATER BY GFAA	SD22	AS	MXZW10X3	DV4W*271	YCUF	02-NOV-95	30-NOV-95	37.5	40		180	UGL	106.7	11.8
		**********											----------	
		avg											109.4	
		minimum											94.4	
		maximum											128.0	
SB IN WATER BY GFAA	SD28	SB	MX5701X1	DV4F*167	NFWD	30-OCT-95	29-NOV-95	80	77.4	<	3.03	UGL	96.8	.9

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
SB IN WATER BY GFAA	SD28	SB	MX5701X1	DV4F*167	NFWD	30-OCT-95	29-NOV-95	80	76.7	<	3.03	UGL	95.9	.9
SB IN WATER BY GFAA	SD28	SB	MX5703X1	DV4F*171	NFXD	02-NOV-95	30-NOV-95	80	67.5	<	3.03	UGL	84.4	12.4
SB IN WATER BY GFAA	SD28	SB	MX5703X1	DV4F*171	NFXD	02-NOV-95	30-NOV-95	80	59.6	<	3.03	UGL	74.5	12.4
SB IN WATER BY GFAA	SD28	SB	WX5705XX	DV4F*204	NFRD	13-SEP-95	10-OCT-95	80	74.9	<	3.03	UGL	93.6	1.5
SB IN WATER BY GFAA	SD28	SB	WX5705XX	DV4F*204	NFRD	13-SEP-95	10-OCT-95	80	73.8	<	3.03	UGL	92.3	1.5
SB IN WATER BY GFAA	SD28	SB	MXAX02X1	DV4F*233	NFWD	31-OCT-95	29-NOV-95	80	72.1	<	3.03	UGL	90.1	1.2
SB IN WATER BY GFAA	SD28	SB	MXAX02X1	DV4F*233	NFWD	31-OCT-95	29-NOV-95	80	73	<	3.03	UGL	91.3	1.2
SB IN WATER BY GFAA	SD28	SB	MXZW10X3	DV4F*271	NFZD	02-NOV-95	30-NOV-95	80	73.6	<	3.03	UGL	92.0	.7
SB IN WATER BY GFAA	SD28	SB	MXZW10X3	DV4F*271	NFZD	02-NOV-95	30-NOV-95	80	73.1	<	3.03	UGL	91.4	.7
SB IN WATER BY GFAA	SD28	SB	MX5701X1	DV4W*167	NFWD	30-OCT-95	29-NOV-95	80	71.7	<	3.03	UGL	89.6	8.1
SB IN WATER BY GFAA	SD28	SB	MX5701X1	DV4W*167	NFWD	30-OCT-95	29-NOV-95	80	66.1	<	3.03	UGL	82.6	8.1
SB IN WATER BY GFAA	SD28	SB	MX5703X1	DV4W*171	NFXD	02-NOV-95	30-NOV-95	80	62.6	<	3.03	UGL	78.3	9.7
SB IN WATER BY GFAA	SD28	SB	MX5703X1	DV4W*171	NFXD	02-NOV-95	30-NOV-95	80	69	<	3.03	UGL	86.3	9.7
SB IN WATER BY GFAA	SD28	SB	WX5705XX	DV4W*204	NFRD	13-SEP-95	10-OCT-95	80	71.2	<	3.03	UGL	89.0	10.2
SB IN WATER BY GFAA	SD28	SB	WX5705XX	DV4W*204	NFRD	13-SEP-95	10-OCT-95	80	64.3	<	3.03	UGL	80.4	10.2
SB IN WATER BY GFAA	SD28	SB	MXAX02X1	DV4W*233	NFWD	31-OCT-95	29-NOV-95	80	72.6	<	3.03	UGL	90.8	17.5
SB IN WATER BY GFAA	SD28	SB	MXAX02X1	DV4W*233	NFWD	31-OCT-95	29-NOV-95	80	60.9	<	3.03	UGL	76.1	17.5
SB IN WATER BY GFAA	SD28	SB	MXZW10X3	DV4W*271	NFZD	02-NOV-95	30-NOV-95	80	72.8	<	3.03	UGL	91.0	3.4
SB IN WATER BY GFAA	SD28	SB	MXZW10X3	DV4W*271	NFZD	02-NOV-95	30-NOV-95	80	70.4	<	3.03	UGL	88.0	3.4
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		avg											87.7	
		minimum											74.5	
		maximum											96.8	
METALS IN WATER BY ICAP	SS10	AG	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	50	48.7	<	4.6	UGL	97.4	.8
METALS IN WATER BY ICAP	SS10	AG	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	50	48.3	<	4.6	UGL	96.6	.8
METALS IN WATER BY ICAP	SS10	AG	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	50	49.2	<	4.6	UGL	98.4	6.9
METALS IN WATER BY ICAP	SS10	AG	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	50	45.9	<	4.6	UGL	91.8	6.9
METALS IN WATER BY ICAP	SS10	AG	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	50	49.6	<	4.6	UGL	99.2	3.9
METALS IN WATER BY ICAP	SS10	AG	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	50	47.7	<	4.6	UGL	95.4	3.9
METALS IN WATER BY ICAP	SS10	AG	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	50	48.2	<	4.6	UGL	96.4	2.5
METALS IN WATER BY ICAP	SS10	AG	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	50	47	<	4.6	UGL	94.0	2.5
METALS IN WATER BY ICAP	SS10	AG	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	50	54.1	<	4.6	UGL	108.2	4.0
METALS IN WATER BY ICAP	SS10	AG	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	50	52	<	4.6	UGL	104.0	4.0
METALS IN WATER BY ICAP	SS10	AG	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	50	52.5	<	4.6	UGL	105.0	4.3
METALS IN WATER BY ICAP	SS10	AG	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	50	50.3	<	4.6	UGL	100.6	4.3

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	AG	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	50	50.4	<	4.6	UGL	100.8	5.3
METALS IN WATER BY ICAP	SS10	AG	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	50	47.8	<	4.6	UGL	95.6	5.3
METALS IN WATER BY ICAP	SS10	AG	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	50	49.5	<	4.6	UGL	99.0	.4
METALS IN WATER BY ICAP	SS10	AG	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	50	49.3	<	4.6	UGL	98.6	.4
METALS IN WATER BY ICAP	SS10	AG	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	50	48.7	<	4.6	UGL	97.4	0.0
METALS IN WATER BY ICAP	SS10	AG	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	50	48.7	<	4.6	UGL	97.4	0.0
METALS IN WATER BY ICAP	SS10	AG	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	50	48.6	<	4.6	UGL	97.2	4.8
METALS IN WATER BY ICAP	SS10	AG	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	50	51	<	4.6	UGL	102.0	4.8
		**********											----------	
		avg											98.8	
		minimum											91.8	
		maximum											108.2	
METALS IN WATER BY ICAP	SS10	AL	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	2000	2040	<	141	UGL	102.0	3.0
METALS IN WATER BY ICAP	SS10	AL	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	2000	1980	<	141	UGL	99.0	3.0
METALS IN WATER BY ICAP	SS10	AL	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	2000	1990	<	141	UGL	99.5	1.5
METALS IN WATER BY ICAP	SS10	AL	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	2000	1960	<	141	UGL	98.0	1.5
METALS IN WATER BY ICAP	SS10	AL	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	2000	2000	<	141	UGL	100.0	1.5
METALS IN WATER BY ICAP	SS10	AL	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	2000	1970	<	141	UGL	98.5	1.5
METALS IN WATER BY ICAP	SS10	AL	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	2000	1980	<	141	UGL	99.0	.5
METALS IN WATER BY ICAP	SS10	AL	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	2000	1970	<	141	UGL	98.5	.5
METALS IN WATER BY ICAP	SS10	AL	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	2000	2090	<	141	UGL	104.5	1.9
METALS IN WATER BY ICAP	SS10	AL	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	2000	2050	<	141	UGL	102.5	1.9
METALS IN WATER BY ICAP	SS10	AL	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	2000	2180		4180	UGL	109.0	2.8
METALS IN WATER BY ICAP	SS10	AL	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	2000	2120		4180	UGL	106.0	2.8
METALS IN WATER BY ICAP	SS10	AL	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	2000	2010		185	UGL	100.5	.5
METALS IN WATER BY ICAP	SS10	AL	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	2000	2000		185	UGL	100.0	.5
METALS IN WATER BY ICAP	SS10	AL	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	2000	1970		195	UGL	98.5	2.1
METALS IN WATER BY ICAP	SS10	AL	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	2000	1930		195	UGL	96.5	2.1
METALS IN WATER BY ICAP	SS10	AL	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	2000	2020	<	141	UGL	101.0	2.0
METALS IN WATER BY ICAP	SS10	AL	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	2000	1980	<	141	UGL	99.0	2.0
METALS IN WATER BY ICAP	SS10	AL	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	2000	1770		4650	UGL	88.5	2.3
METALS IN WATER BY ICAP	SS10	AL	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	2000	1730		4650	UGL	86.5	2.3
		**********											----------	
		avg											99.4	
		minimum											86.5	
		maximum											109.0	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	BA	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	2000	1840		14.8	UGL	92.0	1.6
METALS IN WATER BY ICAP	SS10	BA	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	2000	1810		14.8	UGL	90.5	1.6
METALS IN WATER BY ICAP	SS10	BA	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	2000	1830		43.1	UGL	91.5	1.1
METALS IN WATER BY ICAP	SS10	BA	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	2000	1810		43.1	UGL	90.5	1.1
METALS IN WATER BY ICAP	SS10	BA	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	2000	1820		26.2	UGL	91.0	.6
METALS IN WATER BY ICAP	SS10	BA	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	2000	1810		26.2	UGL	90.5	.6
METALS IN WATER BY ICAP	SS10	BA	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	2000	1800		14	UGL	90.0	.6
METALS IN WATER BY ICAP	SS10	BA	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	2000	1790		14	UGL	89.5	.6
METALS IN WATER BY ICAP	SS10	BA	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	2000	1920		18.8	UGL	96.0	2.1
METALS IN WATER BY ICAP	SS10	BA	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	2000	1880		18.8	UGL	94.0	2.1
METALS IN WATER BY ICAP	SS10	BA	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	2000	1880		33.9	UGL	94.0	3.2
METALS IN WATER BY ICAP	SS10	BA	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	2000	1820		33.9	UGL	91.0	3.2
METALS IN WATER BY ICAP	SS10	BA	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	2000	1890		41.3	UGL	94.5	0.0
METALS IN WATER BY ICAP	SS10	BA	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	2000	1890		41.3	UGL	94.5	0.0
METALS IN WATER BY ICAP	SS10	BA	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	2000	1810		28.5	UGL	90.5	.6
METALS IN WATER BY ICAP	SS10	BA	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	2000	1800		28.5	UGL	90.0	.6
METALS IN WATER BY ICAP	SS10	BA	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	2000	1820		15.2	UGL	91.0	1.1
METALS IN WATER BY ICAP	SS10	BA	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	2000	1800		15.2	UGL	90.0	1.1
METALS IN WATER BY ICAP	SS10	BA	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	2000	1860		48.1	UGL	93.0	2.7
METALS IN WATER BY ICAP	SS10	BA	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	2000	1810		48.1	UGL	90.5	2.7
		**********											----------	
		avg											91.7	
		minimum											89.5	
		maximum											96.0	
METALS IN WATER BY ICAP	SS10	BE	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	50	54.3	<	5	UGL	108.6	5.3
METALS IN WATER BY ICAP	SS10	BE	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	50	51.5	<	5	UGL	103.0	5.3
METALS IN WATER BY ICAP	SS10	BE	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	50	53.8	<	5	UGL	107.6	0.0
METALS IN WATER BY ICAP	SS10	BE	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	50	53.8	<	5	UGL	107.6	0.0
METALS IN WATER BY ICAP	SS10	BE	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	50	55.7	<	5	UGL	111.4	2.5
METALS IN WATER BY ICAP	SS10	BE	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	50	54.3	<	5	UGL	108.6	2.5
METALS IN WATER BY ICAP	SS10	BE	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	50	54.4	<	5	UGL	108.8	0.0
METALS IN WATER BY ICAP	SS10	BE	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	50	54.4	<	5	UGL	108.8	0.0
METALS IN WATER BY ICAP	SS10	BE	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	50	58.5	<	5	UGL	117.0	0.0
METALS IN WATER BY ICAP	SS10	BE	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	50	58.5	<	5	UGL	117.0	0.0
METALS IN WATER BY ICAP	SS10	BE	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	50	54.8	<	5	UGL	109.6	2.6

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	BE	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	50	53.4	<	5	UGL	106.8	2.6
METALS IN WATER BY ICAP	SS10	BE	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	50	55.8	<	5	UGL	111.6	3.1
METALS IN WATER BY ICAP	SS10	BE	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	50	54.1	<	5	UGL	108.2	3.1
METALS IN WATER BY ICAP	SS10	BE	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	50	54.1	<	5	UGL	108.2	5.3
METALS IN WATER BY ICAP	SS10	BE	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	50	51.3	<	5	UGL	102.6	5.3
METALS IN WATER BY ICAP	SS10	BE	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	50	54.6	<	5	UGL	109.2	0.0
METALS IN WATER BY ICAP	SS10	BE	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	50	54.6	<	5	UGL	109.2	0.0
METALS IN WATER BY ICAP	SS10	BE	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	50	57.7	<	5	UGL	115.4	5.5
METALS IN WATER BY ICAP	SS10	BE	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	50	54.6	<	5	UGL	109.2	5.5
		**********											----------	
		avg											109.4	
		minimum											102.6	
		maximum											117.0	
METALS IN WATER BY ICAP	SS10	CA	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	10000	10400		5620	UGL	104.0	2.9
METALS IN WATER BY ICAP	SS10	CA	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	10000	10100		5620	UGL	101.0	2.9
METALS IN WATER BY ICAP	SS10	CA	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	10000	10400		19100	UGL	104.0	1.9
METALS IN WATER BY ICAP	SS10	CA	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	10000	10200		19100	UGL	102.0	1.9
METALS IN WATER BY ICAP	SS10	CA	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	10000	9950		42900	UGL	99.5	4.1
METALS IN WATER BY ICAP	SS10	CA	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	10000	9550		42900	UGL	95.5	4.1
METALS IN WATER BY ICAP	SS10	CA	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	10000	10700		19300	UGL	107.0	0.0
METALS IN WATER BY ICAP	SS10	CA	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	10000	10700		19300	UGL	107.0	0.0
METALS IN WATER BY ICAP	SS10	CA	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	10000	13400		52800	UGL	134.0	11.9
METALS IN WATER BY ICAP	SS10	CA	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	10000	11900		52800	UGL	119.0	11.9
METALS IN WATER BY ICAP	SS10	CA	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	10000	10800		6650	UGL	108.0	4.7
METALS IN WATER BY ICAP	SS10	CA	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	10000	10300		6650	UGL	103.0	4.7
METALS IN WATER BY ICAP	SS10	CA	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	10000	10700		18400	UGL	107.0	.9
METALS IN WATER BY ICAP	SS10	CA	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	10000	10600		18400	UGL	106.0	.9
METALS IN WATER BY ICAP	SS10	CA	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	10000	9140		36700	UGL	91.4	5.7
METALS IN WATER BY ICAP	SS10	CA	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	10000	8630		36700	UGL	86.3	5.7
METALS IN WATER BY ICAP	SS10	CA	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	10000	10300		21100	UGL	103.0	5.3
METALS IN WATER BY ICAP	SS10	CA	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	10000	9770		21100	UGL	97.7	5.3
METALS IN WATER BY ICAP	SS10	CA	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	10000	11900		60500	UGL	119.0	9.7
METALS IN WATER BY ICAP	SS10	CA	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	10000	10800		60500	UGL	108.0	9.7
		**********											----------	
		avg											105.1	
		minimum											86.3	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
		maximum											134.0	
METALS IN WATER BY ICAP	SS10	CD	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	50	45.2	<	4.01	UGL	90.4	4.5
METALS IN WATER BY ICAP	SS10	CD	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	50	43.2	<	4.01	UGL	86.4	4.5
METALS IN WATER BY ICAP	SS10	CD	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	50	49.8	<	4.01	UGL	99.6	1.0
METALS IN WATER BY ICAP	SS10	CD	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	50	49.3	<	4.01	UGL	98.6	1.0
METALS IN WATER BY ICAP	SS10	CD	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	50	43.8	<	4.01	UGL	87.6	2.3
METALS IN WATER BY ICAP	SS10	CD	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	50	42.8	<	4.01	UGL	85.6	2.3
METALS IN WATER BY ICAP	SS10	CD	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	50	46.3	<	4.01	UGL	92.6	1.3
METALS IN WATER BY ICAP	SS10	CD	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	50	45.7	<	4.01	UGL	91.4	1.3
METALS IN WATER BY ICAP	SS10	CD	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	50	53.3	<	4.01	UGL	106.6	.8
METALS IN WATER BY ICAP	SS10	CD	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	50	52.9	<	4.01	UGL	105.8	.8
METALS IN WATER BY ICAP	SS10	CD	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	50	47.2	<	4.01	UGL	94.4	1.1
METALS IN WATER BY ICAP	SS10	CD	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	50	46.7	<	4.01	UGL	93.4	1.1
METALS IN WATER BY ICAP	SS10	CD	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	50	51.5	<	4.01	UGL	103.0	4.0
METALS IN WATER BY ICAP	SS10	CD	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	50	49.5	<	4.01	UGL	99.0	4.0
METALS IN WATER BY ICAP	SS10	CD	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	50	45.9	<	4.01	UGL	91.8	3.3
METALS IN WATER BY ICAP	SS10	CD	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	50	44.4	<	4.01	UGL	88.8	3.3
METALS IN WATER BY ICAP	SS10	CD	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	50	47.5	<	4.01	UGL	95.0	.6
METALS IN WATER BY ICAP	SS10	CD	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	50	47.2	<	4.01	UGL	94.4	.6
METALS IN WATER BY ICAP	SS10	CD	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	50	54.1	<	4.01	UGL	108.2	5.3
METALS IN WATER BY ICAP	SS10	CD	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	50	51.3	<	4.01	UGL	102.6	5.3
		**********											----------	
		avg											95.8	
		minimum											85.6	
		maximum											108.2	
METALS IN WATER BY ICAP	SS10	CO	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	500	549	<	25	UGL	109.8	2.2
METALS IN WATER BY ICAP	SS10	CO	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	500	537	<	25	UGL	107.4	2.2
METALS IN WATER BY ICAP	SS10	CO	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	500	564	<	25	UGL	112.8	.5
METALS IN WATER BY ICAP	SS10	CO	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	500	561	<	25	UGL	112.2	.5
METALS IN WATER BY ICAP	SS10	CO	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	500	540	<	25	UGL	108.0	.4
METALS IN WATER BY ICAP	SS10	CO	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	500	538	<	25	UGL	107.6	.4
METALS IN WATER BY ICAP	SS10	CO	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	500	543	<	25	UGL	108.6	.9
METALS IN WATER BY ICAP	SS10	CO	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	500	538	<	25	UGL	107.6	.9
METALS IN WATER BY ICAP	SS10	CO	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	500	581	<	25	UGL	116.2	1.7
METALS IN WATER BY ICAP	SS10	CO	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	500	571	<	25	UGL	114.2	1.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	CO	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	500	568	<	25	UGL	113.6	3.6
METALS IN WATER BY ICAP	SS10	CO	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	500	548	<	25	UGL	109.6	3.6
METALS IN WATER BY ICAP	SS10	CO	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	500	595	<	25	UGL	119.0	1.5
METALS IN WATER BY ICAP	SS10	CO	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	500	586	<	25	UGL	117.2	1.5
METALS IN WATER BY ICAP	SS10	CO	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	500	535	<	25	UGL	107.0	.6
METALS IN WATER BY ICAP	SS10	CO	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	500	532	<	25	UGL	106.4	.6
METALS IN WATER BY ICAP	SS10	CO	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	500	546	<	25	UGL	109.2	1.1
METALS IN WATER BY ICAP	SS10	CO	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	500	540	<	25	UGL	108.0	1.1
METALS IN WATER BY ICAP	SS10	CO	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	500	569	<	25	UGL	113.8	2.7
METALS IN WATER BY ICAP	SS10	CO	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	500	554	<	25	UGL	110.8	2.7
		**********											----------	
		avg											111.0	
		minimum											106.4	
		maximum											119.0	
METALS IN WATER BY ICAP	SS10	CR	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	200	193	<	6.02	UGL	96.5	3.2
METALS IN WATER BY ICAP	SS10	CR	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	200	187	<	6.02	UGL	93.5	3.2
METALS IN WATER BY ICAP	SS10	CR	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	200	192	<	6.02	UGL	96.0	1.0
METALS IN WATER BY ICAP	SS10	CR	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	200	190	<	6.02	UGL	95.0	1.0
METALS IN WATER BY ICAP	SS10	CR	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	200	185	<	6.02	UGL	92.5	0.0
METALS IN WATER BY ICAP	SS10	CR	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	200	185	<	6.02	UGL	92.5	0.0
METALS IN WATER BY ICAP	SS10	CR	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	200	187	<	6.02	UGL	93.5	0.0
METALS IN WATER BY ICAP	SS10	CR	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	200	187	<	6.02	UGL	93.5	0.0
METALS IN WATER BY ICAP	SS10	CR	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	200	206	<	6.02	UGL	103.0	4.5
METALS IN WATER BY ICAP	SS10	CR	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	200	197	<	6.02	UGL	98.5	4.5
METALS IN WATER BY ICAP	SS10	CR	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	200	203	<	6.02	UGL	101.5	4.0
METALS IN WATER BY ICAP	SS10	CR	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	200	195	<	6.02	UGL	97.5	4.0
METALS IN WATER BY ICAP	SS10	CR	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	200	202	<	6.02	UGL	101.0	1.0
METALS IN WATER BY ICAP	SS10	CR	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	200	200	<	6.02	UGL	100.0	1.0
METALS IN WATER BY ICAP	SS10	CR	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	200	190	<	6.02	UGL	95.0	1.6
METALS IN WATER BY ICAP	SS10	CR	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	200	187	<	6.02	UGL	93.5	1.6
METALS IN WATER BY ICAP	SS10	CR	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	200	191	<	6.02	UGL	95.5	.5
METALS IN WATER BY ICAP	SS10	CR	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	200	190	<	6.02	UGL	95.0	.5
METALS IN WATER BY ICAP	SS10	CR	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	200	196		11.9	UGL	98.0	2.6
METALS IN WATER BY ICAP	SS10	CR	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	200	191		11.9	UGL	95.5	2.6
		**********											----------	
		avg											96.4	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
		minimum											92.5	
		maximum											103.0	
METALS IN WATER BY ICAP	SS10	CU	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	250	251	<	8.09	UGL	100.4	1.2
METALS IN WATER BY ICAP	SS10	CU	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	250	248	<	8.09	UGL	99.2	1.2
METALS IN WATER BY ICAP	SS10	CU	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	250	248	<	8.09	UGL	99.2	.8
METALS IN WATER BY ICAP	SS10	CU	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	250	246	<	8.09	UGL	98.4	.8
METALS IN WATER BY ICAP	SS10	CU	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	250	247	<	8.09	UGL	98.8	.8
METALS IN WATER BY ICAP	SS10	CU	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	250	245	<	8.09	UGL	98.0	.8
METALS IN WATER BY ICAP	SS10	CU	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	250	248	<	8.09	UGL	99.2	.4
METALS IN WATER BY ICAP	SS10	CU	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	250	247	<	8.09	UGL	98.8	.4
METALS IN WATER BY ICAP	SS10	CU	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	250	260	<	8.09	UGL	104.0	2.3
METALS IN WATER BY ICAP	SS10	CU	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	250	254	<	8.09	UGL	101.6	2.3
METALS IN WATER BY ICAP	SS10	CU	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	250	256		10.1	UGL	102.4	3.2
METALS IN WATER BY ICAP	SS10	CU	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	250	248		10.1	UGL	99.2	3.2
METALS IN WATER BY ICAP	SS10	CU	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	250	260	<	8.09	UGL	104.0	.8
METALS IN WATER BY ICAP	SS10	CU	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	250	258	<	8.09	UGL	103.2	.8
METALS IN WATER BY ICAP	SS10	CU	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	250	247	<	8.09	UGL	98.8	1.2
METALS IN WATER BY ICAP	SS10	CU	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	250	244	<	8.09	UGL	97.6	1.2
METALS IN WATER BY ICAP	SS10	CU	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	250	253	<	8.09	UGL	101.2	1.6
METALS IN WATER BY ICAP	SS10	CU	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	250	249	<	8.09	UGL	99.6	1.6
METALS IN WATER BY ICAP	SS10	CU	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	250	255	<	8.09	UGL	102.0	2.8
METALS IN WATER BY ICAP	SS10	CU	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	250	248	<	8.09	UGL	99.2	2.8
		**********											----------	
		avg											100.2	
		minimum											97.6	
		maximum											104.0	
METALS IN WATER BY ICAP	SS10	FE	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	1000	977		72.9	UGL	97.7	2.6
METALS IN WATER BY ICAP	SS10	FE	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	1000	952		72.9	UGL	95.2	2.6
METALS IN WATER BY ICAP	SS10	FE	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	1000	1290		17200	UGL	129.0	8.9
METALS IN WATER BY ICAP	SS10	FE	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	1000	1180		17200	UGL	118.0	8.9
METALS IN WATER BY ICAP	SS10	FE	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	1000	1060		257	UGL	106.0	4.8
METALS IN WATER BY ICAP	SS10	FE	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	1000	1010		257	UGL	101.0	4.8
METALS IN WATER BY ICAP	SS10	FE	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	1000	1450		16300	UGL	145.0	2.1
METALS IN WATER BY ICAP	SS10	FE	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	1000	1420		16300	UGL	142.0	2.1
METALS IN WATER BY ICAP	SS10	FE	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	1000	1100		195	UGL	110.0	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value <	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	FE	MXAX08B1	DV4P*451	ZFTF	03-NOV-95	28-NOV-95	1000	1100	195	UGL	110.0	0.0
METALS IN WATER BY ICAP	SS10	FE	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	1000	1180	5660	UGL	118.0	8.8
METALS IN WATER BY ICAP	SS10	FE	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	1000	1080	5660	UGL	108.0	8.8
METALS IN WATER BY ICAP	SS10	FE	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	1000	1160	14600	UGL	116.0	2.6
METALS IN WATER BY ICAP	SS10	FE	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	1000	1130	14600	UGL	113.0	2.6
METALS IN WATER BY ICAP	SS10	FE	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	1000	958	1260	UGL	95.8	1.3
METALS IN WATER BY ICAP	SS10	FE	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	1000	946	1260	UGL	94.6	1.3
METALS IN WATER BY ICAP	SS10	FE	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	1000	1050	18600	UGL	105.0	62.0
METALS IN WATER BY ICAP	SS10	FE	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	1000	553	18600	UGL	55.3	62.0
METALS IN WATER BY ICAP	SS10	FE	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	1000	498	6570	UGL	49.8	1.6
METALS IN WATER BY ICAP	SS10	FE	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	1000	490	6570	UGL	49.0	1.6
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		avg										102.9	
		minimum										49.0	
		maximum										145.0	
METALS IN WATER BY ICAP	SS10	K	MX5701X1	DV4P*167	ZFSF	30-OCT-95	27-NOV-95	10000	12000	1090	UGL	120.0	1.7
METALS IN WATER BY ICAP	SS10	K	MX5701X1	DV4P*167	ZFSF	30-OCT-95	27-NOV-95	10000	11800	1090	UGL	118.0	1.7
METALS IN WATER BY ICAP	SS10	K	WX5705XX	DV4P*204	ZFLF	13-SEP-95	03-OCT-95	10000	11100	1710	UGL	111.0	.9
METALS IN WATER BY ICAP	SS10	K	WX5705XX	DV4P*204	ZFLF	13-SEP-95	03-OCT-95	10000	11000	1710	UGL	110.0	.9
METALS IN WATER BY ICAP	SS10	K	MXAX02X1	DV4P*233	ZFSF	31-OCT-95	27-NOV-95	10000	11700	3870	UGL	117.0	1.7
METALS IN WATER BY ICAP	SS10	K	MXAX02X1	DV4P*233	ZFSF	31-OCT-95	27-NOV-95	10000	11500	3870	UGL	115.0	1.7
METALS IN WATER BY ICAP	SS10	K	MXZW10X3	DV4P*271	ZFVF	02-NOV-95	27-NOV-95	10000	11300	4790	UGL	113.0	2.7
METALS IN WATER BY ICAP	SS10	K	MXZW10X3	DV4P*271	ZFVF	02-NOV-95	27-NOV-95	10000	11000	4790	UGL	110.0	2.7
METALS IN WATER BY ICAP	SS10	K	MXAX08B1	DV4P*451	ZFTF	03-NOV-95	28-NOV-95	10000	12000	4120	UGL	120.0	6.0
METALS IN WATER BY ICAP	SS10	K	MXAX08B1	DV4P*451	ZFTF	03-NOV-95	28-NOV-95	10000	11300	4120	UGL	113.0	6.0
METALS IN WATER BY ICAP	SS10	K	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	10000	11600	2700	UGL	116.0	5.3
METALS IN WATER BY ICAP	SS10	K	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	10000	11000	2700	UGL	110.0	5.3
METALS IN WATER BY ICAP	SS10	K	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	10000	11100	1610	UGL	111.0	0.0
METALS IN WATER BY ICAP	SS10	K	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	10000	11100	1610	UGL	111.0	0.0
METALS IN WATER BY ICAP	SS10	K	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	10000	11500	4090	UGL	115.0	4.4
METALS IN WATER BY ICAP	SS10	K	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	10000	11000	4090	UGL	110.0	4.4
METALS IN WATER BY ICAP	SS10	K	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	10000	11300	5040	UGL	113.0	.9
METALS IN WATER BY ICAP	SS10	K	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	10000	11200	5040	UGL	112.0	.9
METALS IN WATER BY ICAP	SS10	K	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	10000	11100	5580	UGL	111.0	3.7
METALS IN WATER BY ICAP	SS10	K	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	10000	10700	5580	UGL	107.0	3.7
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Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
		avg											113.2	
		minimum											107.0	
		maximum											120.0	
METALS IN WATER BY ICAP	SS10	MG	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	10000	10300		612	UGL	103.0	2.0
METALS IN WATER BY ICAP	SS10	MG	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	10000	10100		612	UGL	101.0	2.0
METALS IN WATER BY ICAP	SS10	MG	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	10000	9960		1180	UGL	99.6	1.3
METALS IN WATER BY ICAP	SS10	MG	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	10000	9830		1180	UGL	98.3	1.3
METALS IN WATER BY ICAP	SS10	MG	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	10000	10200		5750	UGL	102.0	1.0
METALS IN WATER BY ICAP	SS10	MG	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	10000	10100		5750	UGL	101.0	1.0
METALS IN WATER BY ICAP	SS10	MG	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	10000	10000		1880	UGL	100.0	.6
METALS IN WATER BY ICAP	SS10	MG	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	10000	9940		1880	UGL	99.4	.6
METALS IN WATER BY ICAP	SS10	MG	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	10000	11700		24500	UGL	117.0	7.1
METALS IN WATER BY ICAP	SS10	MG	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	10000	10900		24500	UGL	109.0	7.1
METALS IN WATER BY ICAP	SS10	MG	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	10000	10500		1200	UGL	105.0	3.9
METALS IN WATER BY ICAP	SS10	MG	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	10000	10100		1200	UGL	101.0	3.9
METALS IN WATER BY ICAP	SS10	MG	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	10000	10200		1290	UGL	102.0	0.0
METALS IN WATER BY ICAP	SS10	MG	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	10000	10200		1290	UGL	102.0	0.0
METALS IN WATER BY ICAP	SS10	MG	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	10000	10100		4260	UGL	101.0	2.4
METALS IN WATER BY ICAP	SS10	MG	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	10000	9860		4260	UGL	98.6	2.4
METALS IN WATER BY ICAP	SS10	MG	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	10000	10200		2030	UGL	102.0	2.0
METALS IN WATER BY ICAP	SS10	MG	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	10000	10000		2030	UGL	100.0	2.0
METALS IN WATER BY ICAP	SS10	MG	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	10000	10700		25100	UGL	107.0	5.8
METALS IN WATER BY ICAP	SS10	MG	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	10000	10100		25100	UGL	101.0	5.8
		**********											----------	
		avg											102.5	
		minimum											98.3	
		maximum											117.0	
METALS IN WATER BY ICAP	SS10	MN	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	500	498		38.5	UGL	99.6	2.2
METALS IN WATER BY ICAP	SS10	MN	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	500	487		38.5	UGL	97.4	2.2
METALS IN WATER BY ICAP	SS10	MN	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	500	511		483	UGL	102.2	1.2
METALS IN WATER BY ICAP	SS10	MN	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	500	505		483	UGL	101.0	1.2
METALS IN WATER BY ICAP	SS10	MN	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	500	468		3890	UGL	93.6	6.9
METALS IN WATER BY ICAP	SS10	MN	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	500	437		3890	UGL	87.4	6.9
METALS IN WATER BY ICAP	SS10	MN	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	500	521		1210	UGL	104.2	.6
METALS IN WATER BY ICAP	SS10	MN	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	500	518		1210	UGL	103.6	.6

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	MN	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	500	613		1540	UGL	122.6	8.5
METALS IN WATER BY ICAP	SS10	MN	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	500	563		1540	UGL	112.6	8.5
METALS IN WATER BY ICAP	SS10	MN	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	500	535		512	UGL	107.0	5.2
METALS IN WATER BY ICAP	SS10	MN	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	500	508		512	UGL	101.6	5.2
METALS IN WATER BY ICAP	SS10	MN	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	500	526		433	UGL	105.2	.4
METALS IN WATER BY ICAP	SS10	MN	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	500	524		433	UGL	104.8	.4
METALS IN WATER BY ICAP	SS10	MN	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	500	358		4770	UGL	71.6	19.6
METALS IN WATER BY ICAP	SS10	MN	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	500	294		4770	UGL	58.8	19.6
METALS IN WATER BY ICAP	SS10	MN	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	500	493		1440	UGL	98.6	7.4
METALS IN WATER BY ICAP	SS10	MN	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	500	458		1440	UGL	91.6	7.4
METALS IN WATER BY ICAP	SS10	MN	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	500	558		1870	UGL	111.6	7.2
METALS IN WATER BY ICAP	SS10	MN	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	500	519		1870	UGL	103.8	7.2
		**********											----------	
		avg											98.9	
		minimum											58.8	
		maximum											122.6	
METALS IN WATER BY ICAP	SS10	NA	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	10000	11000		14500	UGL	110.0	4.7
METALS IN WATER BY ICAP	SS10	NA	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	10000	10500		14500	UGL	105.0	4.7
METALS IN WATER BY ICAP	SS10	NA	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	10000	10700		15800	UGL	107.0	0.0
METALS IN WATER BY ICAP	SS10	NA	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	10000	10700		15800	UGL	107.0	0.0
METALS IN WATER BY ICAP	SS10	NA	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	10000	10600		36200	UGL	106.0	4.8
METALS IN WATER BY ICAP	SS10	NA	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	10000	10100		36200	UGL	101.0	4.8
METALS IN WATER BY ICAP	SS10	NA	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	10000	10900		22100	UGL	109.0	0.0
METALS IN WATER BY ICAP	SS10	NA	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	10000	10900		22100	UGL	109.0	0.0
METALS IN WATER BY ICAP	SS10	NA	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	10000	12300		28500	UGL	123.0	8.5
METALS IN WATER BY ICAP	SS10	NA	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	10000	11300		28500	UGL	113.0	8.5
METALS IN WATER BY ICAP	SS10	NA	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	10000	11300		17300	UGL	113.0	4.5
METALS IN WATER BY ICAP	SS10	NA	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	10000	10800		17300	UGL	108.0	4.5
METALS IN WATER BY ICAP	SS10	NA	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	10000	11000		17800	UGL	110.0	.9
METALS IN WATER BY ICAP	SS10	NA	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	10000	10900		17800	UGL	109.0	.9
METALS IN WATER BY ICAP	SS10	NA	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	10000	9970		34700	UGL	99.7	7.3
METALS IN WATER BY ICAP	SS10	NA	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	10000	9270		34700	UGL	92.7	7.3
METALS IN WATER BY ICAP	SS10	NA	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	10000	10700		23500	UGL	107.0	9.1
METALS IN WATER BY ICAP	SS10	NA	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	10000	9770		23500	UGL	97.7	9.1
METALS IN WATER BY ICAP	SS10	NA	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	10000	11300		29800	UGL	113.0	4.5
METALS IN WATER BY ICAP	SS10	NA	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	10000	10800		29800	UGL	108.0	4.5

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
		**********												
		avg											107.4	
		minimum											92.7	
		maximum											123.0	
METALS IN WATER BY ICAP	SS10	NI	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	500	551	<	34.3	UGL	110.2	1.6
METALS IN WATER BY ICAP	SS10	NI	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	500	542	<	34.3	UGL	108.4	1.6
METALS IN WATER BY ICAP	SS10	NI	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	500	564	<	34.3	UGL	112.8	.2
METALS IN WATER BY ICAP	SS10	NI	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	500	563	<	34.3	UGL	112.6	.2
METALS IN WATER BY ICAP	SS10	NI	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	500	557	<	34.3	UGL	111.4	1.3
METALS IN WATER BY ICAP	SS10	NI	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	500	550	<	34.3	UGL	110.0	1.3
METALS IN WATER BY ICAP	SS10	NI	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	500	557	<	34.3	UGL	111.4	.7
METALS IN WATER BY ICAP	SS10	NI	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	500	553	<	34.3	UGL	110.6	.7
METALS IN WATER BY ICAP	SS10	NI	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	500	585	<	34.3	UGL	117.0	.7
METALS IN WATER BY ICAP	SS10	NI	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	500	581	<	34.3	UGL	116.2	.7
METALS IN WATER BY ICAP	SS10	NI	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	500	590	<	34.3	UGL	118.0	4.0
METALS IN WATER BY ICAP	SS10	NI	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	500	567	<	34.3	UGL	113.4	4.0
METALS IN WATER BY ICAP	SS10	NI	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	500	598	<	34.3	UGL	119.6	1.7
METALS IN WATER BY ICAP	SS10	NI	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	500	588	<	34.3	UGL	117.6	1.7
METALS IN WATER BY ICAP	SS10	NI	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	500	563	<	34.3	UGL	112.6	2.2
METALS IN WATER BY ICAP	SS10	NI	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	500	551	<	34.3	UGL	110.2	2.2
METALS IN WATER BY ICAP	SS10	NI	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	500	562	<	34.3	UGL	112.4	.9
METALS IN WATER BY ICAP	SS10	NI	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	500	557	<	34.3	UGL	111.4	.9
METALS IN WATER BY ICAP	SS10	NI	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	500	572	<	34.3	UGL	114.4	.4
METALS IN WATER BY ICAP	SS10	NI	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	500	570	<	34.3	UGL	114.0	.4
		**********												
		avg											113.2	
		minimum											108.4	
		maximum											119.6	
METALS IN WATER BY ICAP	SS10	V	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	500	514	<	11	UGL	102.8	1.4
METALS IN WATER BY ICAP	SS10	V	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	500	507	<	11	UGL	101.4	1.4
METALS IN WATER BY ICAP	SS10	V	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	500	517	<	11	UGL	103.4	1.4
METALS IN WATER BY ICAP	SS10	V	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	500	510	<	11	UGL	102.0	1.4
METALS IN WATER BY ICAP	SS10	V	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	500	510	<	11	UGL	102.0	1.2
METALS IN WATER BY ICAP	SS10	V	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	500	504	<	11	UGL	100.8	1.2
METALS IN WATER BY ICAP	SS10	V	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	500	493	<	11	UGL	98.6	1.2

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	V	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	500	487	<	11	UGL	97.4	1.2
METALS IN WATER BY ICAP	SS10	V	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	500	540	<	11	UGL	108.0	2.1
METALS IN WATER BY ICAP	SS10	V	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	500	529	<	11	UGL	105.8	2.1
METALS IN WATER BY ICAP	SS10	V	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	500	534	<	11	UGL	106.8	3.4
METALS IN WATER BY ICAP	SS10	V	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	500	516	<	11	UGL	103.2	3.4
METALS IN WATER BY ICAP	SS10	V	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	500	534	<	11	UGL	106.8	.8
METALS IN WATER BY ICAP	SS10	V	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	500	530	<	11	UGL	106.0	.8
METALS IN WATER BY ICAP	SS10	V	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	500	509	<	11	UGL	101.8	1.0
METALS IN WATER BY ICAP	SS10	V	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	500	504	<	11	UGL	100.8	1.0
METALS IN WATER BY ICAP	SS10	V	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	500	505	<	11	UGL	101.0	1.0
METALS IN WATER BY ICAP	SS10	V	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	500	500	<	11	UGL	100.0	1.0
METALS IN WATER BY ICAP	SS10	V	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	500	526	<	11	UGL	105.2	2.3
METALS IN WATER BY ICAP	SS10	V	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	500	514	<	11	UGL	102.8	2.3
		**********											----------	
		avg											102.8	
		minimum											97.4	
		maximum											108.0	
METALS IN WATER BY ICAP	SS10	ZN	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	500	518	<	21.1	UGL	103.6	1.0
METALS IN WATER BY ICAP	SS10	ZN	MX5701X1	DV4F*167	ZFSF	30-OCT-95	27-NOV-95	500	513	<	21.1	UGL	102.6	1.0
METALS IN WATER BY ICAP	SS10	ZN	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	500	508		58.4	UGL	101.6	.8
METALS IN WATER BY ICAP	SS10	ZN	WX5705XX	DV4F*204	ZFLF	13-SEP-95	03-OCT-95	500	504		58.4	UGL	100.8	.8
METALS IN WATER BY ICAP	SS10	ZN	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	500	512	<	21.1	UGL	102.4	1.2
METALS IN WATER BY ICAP	SS10	ZN	MXAX02X1	DV4F*233	ZFSF	31-OCT-95	27-NOV-95	500	506	<	21.1	UGL	101.2	1.2
METALS IN WATER BY ICAP	SS10	ZN	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	500	512	<	21.1	UGL	102.4	.2
METALS IN WATER BY ICAP	SS10	ZN	MXZW10X3	DV4F*271	ZFVF	02-NOV-95	27-NOV-95	500	511	<	21.1	UGL	102.2	.2
METALS IN WATER BY ICAP	SS10	ZN	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	500	545	<	21.1	UGL	109.0	2.4
METALS IN WATER BY ICAP	SS10	ZN	MXAX08B1	DV4F*451	ZFTF	03-NOV-95	28-NOV-95	500	532	<	21.1	UGL	106.4	2.4
METALS IN WATER BY ICAP	SS10	ZN	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	500	524	<	21.1	UGL	104.8	3.3
METALS IN WATER BY ICAP	SS10	ZN	MX5701X1	DV4W*167	ZFSF	30-OCT-95	27-NOV-95	500	507	<	21.1	UGL	101.4	3.3
METALS IN WATER BY ICAP	SS10	ZN	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	500	527		109	UGL	105.4	.6
METALS IN WATER BY ICAP	SS10	ZN	WX5705XX	DV4W*204	ZFLF	13-SEP-95	03-OCT-95	500	524		109	UGL	104.8	.6
METALS IN WATER BY ICAP	SS10	ZN	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	500	511	<	21.1	UGL	102.2	1.4
METALS IN WATER BY ICAP	SS10	ZN	MXAX02X1	DV4W*233	ZFSF	31-OCT-95	27-NOV-95	500	504	<	21.1	UGL	100.8	1.4
METALS IN WATER BY ICAP	SS10	ZN	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	500	519	<	21.1	UGL	103.8	1.6
METALS IN WATER BY ICAP	SS10	ZN	MXZW10X3	DV4W*271	ZFVF	02-NOV-95	27-NOV-95	500	511	<	21.1	UGL	102.2	1.6
METALS IN WATER BY ICAP	SS10	ZN	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	500	526	<	21.1	UGL	105.2	2.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	ZN	MXAX08B1	DV4W*451	ZFTF	03-NOV-95	28-NOV-95	500	512	<	21.1	UGL	102.4	2.7
		**********											----------	
		avg											103.3	
		minimum											100.8	
		maximum											109.0	
NO2, NO3 IN WATER	TF22	NIT	MXAX01X1	DV4W*231	ZGUC	30-OCT-95	13-NOV-95	150	150		21	UGL	100.0	0.0
NO2, NO3 IN WATER	TF22	NIT	MXAX01X1	DV4W*231	ZGUC	30-OCT-95	13-NOV-95	150	150		21	UGL	100.0	0.0
NO2, NO3 IN WATER	TF22	NIT	MXZW16X1	DV4W*283	ZGVC	01-NOV-95	21-NOV-95	150	150		47	UGL	100.0	0.0
NO2, NO3 IN WATER	TF22	NIT	MXZW16X1	DV4W*283	ZGVC	01-NOV-95	21-NOV-95	150	150		47	UGL	100.0	0.0
NO2, NO3 IN WATER	TF22	NIT	WD5703XX	DV4W*432	ZGRC	13-SEP-95	03-OCT-95	150	150		129	UGL	100.0	0.0
NO2, NO3 IN WATER	TF22	NIT	WD5703XX	DV4W*432	ZGRC	13-SEP-95	03-OCT-95	150	150		129	UGL	100.0	0.0
NO2, NO3 IN WATER	TF22	NIT	MXAX08A1	DV4W*449	ZGUC	31-OCT-95	13-NOV-95	150	160	<	10	UGL	106.7	0.0
NO2, NO3 IN WATER	TF22	NIT	MXAX08A1	DV4W*449	ZGUC	31-OCT-95	13-NOV-95	150	160	<	10	UGL	106.7	0.0
NO2, NO3 IN WATER	TF22	NIT	MXAX08B1	DV4W*451	ZGWC	03-NOV-95	28-NOV-95	150	150	<	10	UGL	100.0	6.9
NO2, NO3 IN WATER	TF22	NIT	MXAX08B1	DV4W*451	ZGWC	03-NOV-95	28-NOV-95	150	140	<	10	UGL	93.3	6.9
		**********											----------	
		avg											100.7	
		minimum											93.3	
		maximum											106.7	
N2KJEL IN WATER	TF26	N2KJEL	MX5701X1	DV4W*167	SHWA	30-OCT-95	22-NOV-95	4000	3900		210	UGL	97.5	0.0
N2KJEL IN WATER	TF26	N2KJEL	MX5701X1	DV4W*167	SHWA	30-OCT-95	22-NOV-95	4000	3900		210	UGL	97.5	0.0
N2KJEL IN WATER	TF26	N2KJEL	WX5708XX	DV4W*207	SHVA	13-SEP-95	28-SEP-95	4000	3900		448	UGL	97.5	7.4
N2KJEL IN WATER	TF26	N2KJEL	WX5708XX	DV4W*207	SHVA	13-SEP-95	28-SEP-95	4000	3620		448	UGL	90.5	7.4
N2KJEL IN WATER	TF26	N2KJEL	MXAX02X1	DV4W*233	SHWA	31-OCT-95	22-NOV-95	4000	3900		390	UGL	97.5	2.3
N2KJEL IN WATER	TF26	N2KJEL	MXAX02X1	DV4W*233	SHWA	31-OCT-95	22-NOV-95	4000	3810		390	UGL	95.3	2.3
N2KJEL IN WATER	TF26	N2KJEL	MXZW10X3	DV4W*271	SHXA	02-NOV-95	28-NOV-95	4000	3810		952	UGL	95.3	2.7
N2KJEL IN WATER	TF26	N2KJEL	MXZW10X3	DV4W*271	SHXA	02-NOV-95	28-NOV-95	4000	3710		952	UGL	92.8	2.7
		**********											----------	
		avg											95.5	
		minimum											90.5	
		maximum											97.5	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
TOT. PO4 IN WATER	TF27	PO4	MX5701X1	DV4W*167	WHFB	30-OCT-95	21-NOV-95	400	420		280	UGL	105.0	4.9
TOT. PO4 IN WATER	TF27	PO4	MX5701X1	DV4W*167	WHFB	30-OCT-95	21-NOV-95	400	400		280	UGL	100.0	4.9
TOT. PO4 IN WATER	TF27	PO4	WX5705XX	DV4W*204	WHCB	13-SEP-95	25-SEP-95	400	380		70	UGL	95.0	2.4
TOT. PO4 IN WATER	TF27	PO4	WX5705XX	DV4W*204	WHCB	13-SEP-95	25-SEP-95	400	371		70	UGL	92.8	2.4
TOT. PO4 IN WATER	TF27	PO4	MXZW10X3	DV4W*271	WHFB	02-NOV-95	21-NOV-95	400	480		500	UGL	120.0	2.1
TOT. PO4 IN WATER	TF27	PO4	MXZW10X3	DV4W*271	WHFB	02-NOV-95	21-NOV-95	400	470		500	UGL	117.5	2.1
TOT. PO4 IN WATER	TF27	PO4	MXAX09X1	DV4W*453	WHHB	01-NOV-95	28-NOV-95	400	440		300	UGL	110.0	2.3
TOT. PO4 IN WATER	TF27	PO4	MXAX09X1	DV4W*453	WHHB	01-NOV-95	28-NOV-95	400	430		300	UGL	107.5	2.3
		**********											----------	
		avg											106.0	
		minimum											92.8	
		maximum											120.0	
SO4 IN WATER	TT10	CL	MX5701X1	DV4W*167	PDJC	30-OCT-95	16-NOV-95	25000	29000		28500	UGL	116.0	10.9
SO4 IN WATER	TT10	CL	MX5701X1	DV4W*167	PDJC	30-OCT-95	16-NOV-95	25000	26000		28500	UGL	104.0	10.9
SO4 IN WATER	TT10	CL	MXAX02X1	DV4W*233	PDJC	31-OCT-95	16-NOV-95	25000	29000		28500	UGL	116.0	0.0
SO4 IN WATER	TT10	CL	MXAX02X1	DV4W*233	PDJC	31-OCT-95	16-NOV-95	25000	29000		28500	UGL	116.0	0.0
SO4 IN WATER	TT10	CL	MXZW10X3	DV4W*271	PDKC	02-NOV-95	22-NOV-95	50000	57000		46000	UGL	114.0	7.3
SO4 IN WATER	TT10	CL	MXZW10X3	DV4W*271	PDKC	02-NOV-95	22-NOV-95	50000	53000		46000	UGL	106.0	7.3
SO4 IN WATER	TT10	CL	WD5703XX	DV4W*432	PDGC	13-SEP-95	18-SEP-95	25000	29000		44000	UGL	116.0	0.0
SO4 IN WATER	TT10	CL	WD5703XX	DV4W*432	PDGC	13-SEP-95	18-SEP-95	25000	29000		44000	UGL	116.0	0.0
		**********											----------	
		avg											113.0	
		minimum											104.0	
		maximum											116.0	
SO4 IN WATER	TT10	SO4	MX5701X1	DV4W*167	PDKC	30-OCT-95	21-NOV-95	250000	260000	<	10000	UGL	104.0	0.0
SO4 IN WATER	TT10	SO4	MX5701X1	DV4W*167	PDKC	30-OCT-95	21-NOV-95	250000	260000	<	10000	UGL	104.0	0.0
SO4 IN WATER	TT10	SO4	MXAX02X1	DV4W*233	PDKC	31-OCT-95	21-NOV-95	250000	260000		48000	UGL	104.0	0.0
SO4 IN WATER	TT10	SO4	MXAX02X1	DV4W*233	PDKC	31-OCT-95	21-NOV-95	250000	260000		48000	UGL	104.0	0.0
SO4 IN WATER	TT10	SO4	MXZW10X3	DV4W*271	PDKC	02-NOV-95	22-NOV-95	250000	260000		10000	UGL	104.0	0.0
SO4 IN WATER	TT10	SO4	MXZW10X3	DV4W*271	PDKC	02-NOV-95	22-NOV-95	250000	260000		10000	UGL	104.0	0.0
SO4 IN WATER	TT10	SO4	WD5703XX	DV4W*432	PDGC	13-SEP-95	18-SEP-95	250000	260000		13000	UGL	104.0	0.0
SO4 IN WATER	TT10	SO4	WD5703XX	DV4W*432	PDGC	13-SEP-95	18-SEP-95	250000	260000		13000	UGL	104.0	0.0
		**********											----------	
		avg											104.0	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
		minimum											104.0	
		maximum											104.0	
	UH02	PCB016	MX5701X1	DV4W*167	SDSD	30-OCT-95	08-NOV-95	3.75	4.1	<	.16	UGL	109.3	5.0
	UH02	PCB016	MX5701X1	DV4W*167	SDSD	30-OCT-95	08-NOV-95	3.75	3.9	<	.16	UGL	104.0	5.0
	UH02	PCB016	WX5705XX	DV4W*204	SDOD	13-SEP-95	20-SEP-95	3.75	3.86	<	.16	UGL	102.9	2.9
	UH02	PCB016	WX5705XX	DV4W*204	SDOD	13-SEP-95	20-SEP-95	3.75	3.75	<	.16	UGL	100.0	2.9
	UH02	PCB016	MXAX02X1	DV4W*233	SDSD	31-OCT-95	09-NOV-95	3.75	4.33	<	.16	UGL	115.5	2.1
	UH02	PCB016	MXAX02X1	DV4W*233	SDSD	31-OCT-95	09-NOV-95	3.75	4.24	<	.16	UGL	113.1	2.1
	UH02	PCB016	MXZW10X3	DV4W*271	SDTD	02-NOV-95	15-NOV-95	3.75	3.17	<	.16	UGL	84.5	9.6
	UH02	PCB016	MXZW10X3	DV4W*271	SDTD	02-NOV-95	15-NOV-95	3.75	2.88	<	.16	UGL	76.8	9.6
		**********											----------	
		avg											100.8	
		minimum											76.8	
		maximum											115.5	
	UH02	PCB260	MX5701X1	DV4W*167	SDSD	30-OCT-95	08-NOV-95	3.75	3.52	<	.19	UGL	93.9	4.1
	UH02	PCB260	MX5701X1	DV4W*167	SDSD	30-OCT-95	08-NOV-95	3.75	3.38	<	.19	UGL	90.1	4.1
	UH02	PCB260	WX5705XX	DV4W*204	SDOD	13-SEP-95	20-SEP-95	3.75	3.37	<	.19	UGL	89.9	2.7
	UH02	PCB260	WX5705XX	DV4W*204	SDOD	13-SEP-95	20-SEP-95	3.75	3.28	<	.19	UGL	87.5	2.7
	UH02	PCB260	MXAX02X1	DV4W*233	SDSD	31-OCT-95	09-NOV-95	3.75	3.78	<	.19	UGL	100.8	2.1
	UH02	PCB260	MXAX02X1	DV4W*233	SDSD	31-OCT-95	09-NOV-95	3.75	3.7	<	.19	UGL	98.7	2.1
	UH02	PCB260	MXZW10X3	DV4W*271	SDTD	02-NOV-95	15-NOV-95	3.75	1.86	<	.19	UGL	49.6	21.2
	UH02	PCB260	MXZW10X3	DV4W*271	SDTD	02-NOV-95	15-NOV-95	3.75	2.3	<	.19	UGL	61.3	21.2
		**********											----------	
		avg											84.0	
		minimum											49.6	
		maximum											100.8	
	UH13	ABNSLF	MX5701X1	DV4W*167	TDBB	30-OCT-95	14-NOV-95	.5	.515	<	.023	UGL	103.0	1.4
	UH13	ABNSLF	MX5701X1	DV4W*167	TDBB	30-OCT-95	14-NOV-95	.5	.508	<	.023	UGL	101.6	1.4
	UH13	ABNSLF	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.412	<	.023	UGL	82.4	5.0
	UH13	ABNSLF	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.392	<	.023	UGL	78.4	5.0
	UH13	ABNSLF	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	.5	.524	<	.023	UGL	104.8	2.1
	UH13	ABNSLF	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	.5	.513	<	.023	UGL	102.6	2.1

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
	UH13	ABNSLF	MXZW10X3	DV4W*271	TDCE	02-NOV-95	14-NOV-95	.5	.224	<	.023	UGL	44.8	6.5
	UH13	ABNSLF	MXZW10X3	DV4W*271	TDCE	02-NOV-95	14-NOV-95	.5	.21	<	.023	UGL	42.0	6.5
		**********											----------	
		avg											82.5	
		minimum											42.0	
		maximum											104.8	
	UH13	ALDRN	MX5701X1	DV4W*167	TDBE	30-OCT-95	14-NOV-95	.5	.603	<	.0918	UGL	120.6	2.3
	UH13	ALDRN	MX5701X1	DV4W*167	TDBE	30-OCT-95	14-NOV-95	.5	.589	<	.0918	UGL	117.8	2.3
	UH13	ALDRN	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.501	<	.0918	UGL	100.2	1.2
	UH13	ALDRN	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.495	<	.0918	UGL	99.0	1.2
	UH13	ALDRN	MXAX02X1	DV4W*233	TDBE	31-OCT-95	14-NOV-95	.5	.598	<	.0918	UGL	119.6	.5
	UH13	ALDRN	MXAX02X1	DV4W*233	TDBE	31-OCT-95	14-NOV-95	.5	.595	<	.0918	UGL	119.0	.5
	UH13	ALDRN	MXZW10X3	DV4W*271	TDCE	02-NOV-95	14-NOV-95	.5	.245	<	.0918	UGL	49.0	32.5
	UH13	ALDRN	MXZW10X3	DV4W*271	TDCE	02-NOV-95	14-NOV-95	.5	.34	<	.0918	UGL	68.0	32.5
		**********											----------	
		avg											99.2	
		minimum											49.0	
		maximum											120.6	
	UH13	BENSLF	MX5701X1	DV4W*167	TDBE	30-OCT-95	14-NOV-95	.5	.347	<	.023	UGL	69.4	.9
	UH13	BENSLF	MX5701X1	DV4W*167	TDBE	30-OCT-95	14-NOV-95	.5	.344	<	.023	UGL	68.8	.9
	UH13	BENSLF	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.386	<	.023	UGL	77.2	6.1
	UH13	BENSLF	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.363	<	.023	UGL	72.6	6.1
	UH13	BENSLF	MXAX02X1	DV4W*233	TDBE	31-OCT-95	14-NOV-95	.5	.341	<	.023	UGL	68.2	2.1
	UH13	BENSLF	MXAX02X1	DV4W*233	TDBE	31-OCT-95	14-NOV-95	.5	.334	<	.023	UGL	66.8	2.1
	UH13	BENSLF	MXZW10X3	DV4W*271	TDCE	02-NOV-95	14-NOV-95	.5	.308	<	.023	UGL	61.6	7.8
	UH13	BENSLF	MXZW10X3	DV4W*271	TDCE	02-NOV-95	14-NOV-95	.5	.285	<	.023	UGL	57.0	7.8
		**********											----------	
		avg											67.7	
		minimum											57.0	
		maximum											77.2	
	UH13	DLDRN	MX5701X1	DV4W*167	TDBE	30-OCT-95	14-NOV-95	.5	.438	<	.024	UGL	87.6	.9
	UH13	DLDRN	MX5701X1	DV4W*167	TDBE	30-OCT-95	14-NOV-95	.5	.434	<	.024	UGL	86.8	.9
	UH13	DLDRN	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.406	<	.024	UGL	81.2	5.1
	UH13	DLDRN	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.386	<	.024	UGL	77.2	5.1

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
	UH13	DLDRN	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	.5	.462	<	.024	UGL	92.4	5.3
	UH13	DLDRN	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	.5	.438	<	.024	UGL	87.6	5.3
	UH13	DLDRN	MXZW10X3	DV4W*271	TDCB	02-NOV-95	14-NOV-95	.5	.353	<	.024	UGL	70.6	4.7
	UH13	DLDRN	MXZW10X3	DV4W*271	TDCB	02-NOV-95	14-NOV-95	.5	.37	<	.024	UGL	74.0	4.7
		**********											----------	
		avg											82.2	
		minimum											70.6	
		maximum											92.4	
	UH13	ENDRN	MX5701X1	DV4W*167	TDBB	30-OCT-95	14-NOV-95	.5	.427	<	.0238	UGL	85.4	.5
	UH13	ENDRN	MX5701X1	DV4W*167	TDBB	30-OCT-95	14-NOV-95	.5	.425	<	.0238	UGL	85.0	.5
	UH13	ENDRN	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.483	<	.0238	UGL	96.6	6.4
	UH13	ENDRN	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.453	<	.0238	UGL	90.6	6.4
	UH13	ENDRN	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	.5	.457	<	.0238	UGL	91.4	2.7
	UH13	ENDRN	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	.5	.445	<	.0238	UGL	89.0	2.7
	UH13	ENDRN	MXZW10X3	DV4W*271	TDCB	02-NOV-95	14-NOV-95	.5	.304	<	.0238	UGL	60.8	8.9
	UH13	ENDRN	MXZW10X3	DV4W*271	TDCB	02-NOV-95	14-NOV-95	.5	.278	<	.0238	UGL	55.6	8.9
		**********											----------	
		avg											81.8	
		minimum											55.6	
		maximum											96.6	
	UH13	HPCL	MX5701X1	DV4W*167	TDBB	30-OCT-95	14-NOV-95	.5	.591	<	.0423	UGL	118.2	1.2
	UH13	HPCL	MX5701X1	DV4W*167	TDBB	30-OCT-95	14-NOV-95	.5	.584	<	.0423	UGL	116.8	1.2
	UH13	HPCL	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.485	<	.0423	UGL	97.0	1.5
	UH13	HPCL	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.478	<	.0423	UGL	95.6	1.5
	UH13	HPCL	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	.5	.618	<	.0423	UGL	123.6	.6
	UH13	HPCL	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	.5	.614	<	.0423	UGL	122.8	.6
	UH13	HPCL	MXZW10X3	DV4W*271	TDCB	02-NOV-95	14-NOV-95	.5	.326	<	.0423	UGL	65.2	10.3
	UH13	HPCL	MXZW10X3	DV4W*271	TDCB	02-NOV-95	14-NOV-95	.5	.294	<	.0423	UGL	58.8	10.3
		**********											----------	
		avg											99.8	
		minimum											58.8	
		maximum											123.6	
	UH13	ISODR	MX5701X1	DV4W*167	TDBB	30-OCT-95	14-NOV-95	1	1.03	<	.0562	UGL	103.0	1.0
	UH13	ISODR	MX5701X1	DV4W*167	TDBB	30-OCT-95	14-NOV-95	1	1.02	<	.0562	UGL	102.0	1.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
	UH13	ISODR	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	1	.857	<	.0562	UGL	85.7	.5
	UH13	ISODR	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	1	.853	<	.0562	UGL	85.3	.5
	UH13	ISODR	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	1	1.03	<	.0562	UGL	103.0	0.0
	UH13	ISODR	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	1	1.03	<	.0562	UGL	103.0	0.0
	UH13	ISODR	MXZW10X3	DV4W*271	TDCB	02-NOV-95	14-NOV-95	1	.396	<	.0562	UGL	39.6	7.3
	UH13	ISODR	MXZW10X3	DV4W*271	TDCB	02-NOV-95	14-NOV-95	1	.368	<	.0562	UGL	36.8	7.3
		**********											----------	
		avg											82.3	
		minimum											36.8	
		maximum											103.0	
	UH13	LIN	MX5701X1	DV4W*167	TDBB	30-OCT-95	14-NOV-95	.5	.477	<	.0507	UGL	95.4	.2
	UH13	LIN	MX5701X1	DV4W*167	TDBB	30-OCT-95	14-NOV-95	.5	.476	<	.0507	UGL	95.2	.2
	UH13	LIN	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.418	<	.0507	UGL	83.6	4.7
	UH13	LIN	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.399	<	.0507	UGL	79.8	4.7
	UH13	LIN	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	.5	.494	<	.0507	UGL	98.8	3.1
	UH13	LIN	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	.5	.479	<	.0507	UGL	95.8	3.1
	UH13	LIN	MXZW10X3	DV4W*271	TDCB	02-NOV-95	14-NOV-95	.5	.246	<	.0507	UGL	49.2	15.3
	UH13	LIN	MXZW10X3	DV4W*271	TDCB	02-NOV-95	14-NOV-95	.5	.211	<	.0507	UGL	42.2	15.3
		**********											----------	
		avg											80.0	
		minimum											42.2	
		maximum											98.8	
	UH13	MEXCLR	MX5701X1	DV4W*167	TDBB	30-OCT-95	14-NOV-95	1	1.06	<	.057	UGL	106.0	11.6
	UH13	MEXCLR	MX5701X1	DV4W*167	TDBB	30-OCT-95	14-NOV-95	1	.944	<	.057	UGL	94.4	11.6
	UH13	MEXCLR	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	1	.782	<	.057	UGL	78.2	5.5
	UH13	MEXCLR	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	1	.74	<	.057	UGL	74.0	5.5
	UH13	MEXCLR	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	1	1.05	<	.057	UGL	105.0	2.9
	UH13	MEXCLR	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	1	1.02	<	.057	UGL	102.0	2.9
	UH13	MEXCLR	MXZW10X3	DV4W*271	TDCB	02-NOV-95	14-NOV-95	1	.976	<	.057	UGL	97.6	34.3
	UH13	MEXCLR	MXZW10X3	DV4W*271	TDCB	02-NOV-95	14-NOV-95	1	.69	<	.057	UGL	69.0	34.3
		**********											----------	
		avg											90.8	
		minimum											69.0	
		maximum											106.0	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
	UH13	PPDDT	MX5701X1	DV4W*167	TDBB	30-OCT-95	14-NOV-95	.5	.553	<	.034	UGL	110.6	3.3
	UH13	PPDDT	MX5701X1	DV4W*167	TDBB	30-OCT-95	14-NOV-95	.5	.535	<	.034	UGL	107.0	3.3
	UH13	PPDDT	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.436	<	.034	UGL	87.2	9.4
	UH13	PPDDT	WX5705XX	DV4W*204	TDWD	13-SEP-95	26-SEP-95	.5	.397	<	.034	UGL	79.4	9.4
	UH13	PPDDT	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	.5	.585	<	.034	UGL	117.0	1.6
	UH13	PPDDT	MXAX02X1	DV4W*233	TDBB	31-OCT-95	14-NOV-95	.5	.576	<	.034	UGL	115.2	1.6
	UH13	PPDDT	MXZW10X3	DV4W*271	TDCB	02-NOV-95	14-NOV-95	.5	.308	<	.034	UGL	61.6	20.9
	UH13	PPDDT	MXZW10X3	DV4W*271	TDCB	02-NOV-95	14-NOV-95	.5	.38	<	.034	UGL	76.0	20.9
		**********											----------	
		avg											94.3	
		minimum											61.6	
		maximum											117.0	

SQL> exit;

TABLE D-11

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
HARDNESS	1302	HARD	MXG302X2	DV4W*164	PJAZ	12-FEB-96	19-FEB-96	40000	40800		30400	UGL	102.0	3.0
HARDNESS	1302	HARD	MXG302X2	DV4W*164	PJAZ	12-FEB-96	19-FEB-96	40000	39600		30400	UGL	99.0	3.0
HARDNESS	1302	HARD	MXAX03X2	DV4W*236	PJBZ	14-FEB-96	26-FEB-96	200000	202000		76700	UGL	101.0	139.2
HARDNESS	1302	HARD	MXAX03X2	DV4W*236	PJBZ	14-FEB-96	26-FEB-96	200000	200000		76700	UGL	100.0	139.2
HARDNESS	1302	HARD	MXAX03X2	DV4W*236	PJUY	14-FEB-96	28-FEB-96	133000	30700		76700	UGL	23.1	139.2
HARDNESS	1302	HARD	MXAX03X2	DV4W*236	PJUY	14-FEB-96	28-FEB-96	133000	22700		76700	UGL	17.1	139.2
HARDNESS	1302	HARD	MXZW12X4	DV4W*276	PJAZ	13-FEB-96	19-FEB-96	40000	40400		58000	UGL	101.0	2.0
HARDNESS	1302	HARD	MXZW12X4	DV4W*276	PJAZ	13-FEB-96	19-FEB-96	40000	39600		58000	UGL	99.0	2.0
HARDNESS	1302	HARD	MX5708B2	DV4W*462	PJVY	15-FEB-96	29-FEB-96	80000	78400		51200	UGL	98.0	.0
HARDNESS	1302	HARD	MX5708B2	DV4W*462	PJVY	15-FEB-96	29-FEB-96	80000	78400		51200	UGL	98.0	.0
		**********											----------	
		avg											83.8	
		minimum											17.1	
		maximum											102.0	
ALKALINITY	3101	ALK	MX5701X2	DV4W*168	PJBY	13-FEB-96	19-FEB-96	117000	117000		5000	UGL	100.0	2.6
ALKALINITY	3101	ALK	MX5701X2	DV4W*168	PJBY	13-FEB-96	19-FEB-96	117000	114000		5000	UGL	97.4	2.6
ALKALINITY	3101	ALK	MXZW12X4	DV4W*276	PJDY	13-FEB-96	20-FEB-96	118000	117000		27000	UGL	99.2	1.7
ALKALINITY	3101	ALK	MXZW12X4	DV4W*276	PJDY	13-FEB-96	20-FEB-96	118000	115000		27000	UGL	97.5	1.7
ALKALINITY	3101	ALK	MD5701X2	DV4W*455	PJDY	13-FEB-96	20-FEB-96	118000	116000		6000	UGL	98.3	.9
ALKALINITY	3101	ALK	MD5701X2	DV4W*455	PJDY	13-FEB-96	20-FEB-96	118000	115000		6000	UGL	97.5	.9
		**********											----------	
		avg											98.3	
		minimum											97.4	
		maximum											100.0	
	4181	TPHC	MXG302X2	DV4W*164	PJJZ	12-FEB-96	11-MAR-96	4200	4110	<	181	UGL	97.9	8.4
	4181	TPHC	MXG302X2	DV4W*164	PJJZ	12-FEB-96	11-MAR-96	4200	3780	<	181	UGL	90.0	8.4
	4181	TPHC	MXAX03X2	DV4W*236	PJJZ	14-FEB-96	11-MAR-96	4200	3900	<	175	UGL	92.9	4.2
	4181	TPHC	MXAX03X2	DV4W*236	PJJZ	14-FEB-96	11-MAR-96	4200	3740	<	175	UGL	89.0	4.2
	4181	TPHC	MXZW12X4	DV4W*276	PJJZ	13-FEB-96	11-MAR-96	4200	3870	<	175	UGL	92.1	1.0
	4181	TPHC	MXZW12X4	DV4W*276	PJJZ	13-FEB-96	11-MAR-96	4200	3830	<	175	UGL	91.2	1.0
		**********											----------	
		avg											92.2	
		minimum											89.0	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
		maximum											97.9	
HG IN WATER BY CVAA	SB01	HG	MXG302X2	DV4P*164	QJQD	12-FEB-96	11-MAR-96	4	3.87	<	.243	UGL	96.8	2.4
HG IN WATER BY CVAA	SB01	HG	MXG302X2	DV4P*164	QJQD	12-FEB-96	11-MAR-96	4	3.78	<	.243	UGL	94.5	2.4
HG IN WATER BY CVAA	SB01	HG	MXAX03X2	DV4P*236	QJRD	14-FEB-96	12-MAR-96	4	4.01	<	.243	UGL	100.3	.0
HG IN WATER BY CVAA	SB01	HG	MXAX03X2	DV4P*236	QJRD	14-FEB-96	12-MAR-96	4	4.01	<	.243	UGL	100.3	.0
HG IN WATER BY CVAA	SB01	HG	MXZW12X4	DV4P*276	QJQD	13-FEB-96	11-MAR-96	4	3.81	<	.243	UGL	95.3	.0
HG IN WATER BY CVAA	SB01	HG	MXZW12X4	DV4P*276	QJQD	13-FEB-96	11-MAR-96	4	3.81	<	.243	UGL	95.3	.0
HG IN WATER BY CVAA	SB01	HG	MXG302X2	DV4W*164	QJQD	12-FEB-96	11-MAR-96	4	3.67	<	.243	UGL	91.8	.0
HG IN WATER BY CVAA	SB01	HG	MXG302X2	DV4W*164	QJQD	12-FEB-96	11-MAR-96	4	3.67	<	.243	UGL	91.8	.0
HG IN WATER BY CVAA	SB01	HG	MXAX03X2	DV4W*236	QJRD	14-FEB-96	12-MAR-96	4	3.83	<	.243	UGL	95.8	.5
HG IN WATER BY CVAA	SB01	HG	MXAX03X2	DV4W*236	QJRD	14-FEB-96	12-MAR-96	4	3.81	<	.243	UGL	95.3	.5
HG IN WATER BY CVAA	SB01	HG	MXZW12X4	DV4W*276	QJQD	13-FEB-96	11-MAR-96	4	3.74	<	.243	UGL	93.5	1.9
HG IN WATER BY CVAA	SB01	HG	MXZW12X4	DV4W*276	QJQD	13-FEB-96	11-MAR-96	4	3.67	<	.243	UGL	91.8	1.9
HG IN WATER BY CVAA	SB01	HG	MDZW11X4	DV4W*456	QJSD	14-FEB-96	13-MAR-96	4	3.83	<	.243	UGL	95.8	1.8
HG IN WATER BY CVAA	SB01	HG	MDZW11X4	DV4W*456	QJSD	14-FEB-96	13-MAR-96	4	3.76	<	.243	UGL	94.0	1.8
		**********											----------	
		avg											95.1	
		minimum											91.8	
		maximum											100.3	
TL IN WATER BY GFAA	SD09	TL	MXG302X2	DV4P*164	UCXB	12-FEB-96	19-MAR-96	10	9.83	<	6.99	UGL	98.3	3.7
TL IN WATER BY GFAA	SD09	TL	MXG302X2	DV4P*164	UCXB	12-FEB-96	19-MAR-96	10	10.2	<	6.99	UGL	102.0	3.7
TL IN WATER BY GFAA	SD09	TL	MXAX03X2	DV4P*236	UCYB	14-FEB-96	20-MAR-96	10	8.95	<	6.99	UGL	89.5	7.7
TL IN WATER BY GFAA	SD09	TL	MXAX03X2	DV4P*236	UCYB	14-FEB-96	20-MAR-96	10	8.29	<	6.99	UGL	82.9	7.7
TL IN WATER BY GFAA	SD09	TL	MXZW12X4	DV4P*276	UCXB	13-FEB-96	19-MAR-96	10	8.73	<	6.99	UGL	87.3	5.2
TL IN WATER BY GFAA	SD09	TL	MXZW12X4	DV4P*276	UCXB	13-FEB-96	19-MAR-96	10	8.29	<	6.99	UGL	82.9	5.2
TL IN WATER BY GFAA	SD09	TL	MXG302X2	DV4W*164	UCXB	12-FEB-96	19-MAR-96	10	10.5	<	6.99	UGL	105.0	1.0
TL IN WATER BY GFAA	SD09	TL	MXG302X2	DV4W*164	UCXB	12-FEB-96	19-MAR-96	10	10.4	<	6.99	UGL	104.0	1.0
TL IN WATER BY GFAA	SD09	TL	MXAX03X2	DV4W*236	UCYB	14-FEB-96	20-MAR-96	10	8.73	<	6.99	UGL	87.3	1.3
TL IN WATER BY GFAA	SD09	TL	MXAX03X2	DV4W*236	UCYB	14-FEB-96	20-MAR-96	10	8.62	<	6.99	UGL	86.2	1.3
TL IN WATER BY GFAA	SD09	TL	MXZW12X4	DV4W*276	UCXB	13-FEB-96	19-MAR-96	10	8.29	<	6.99	UGL	82.9	1.3
TL IN WATER BY GFAA	SD09	TL	MXZW12X4	DV4W*276	UCXB	13-FEB-96	19-MAR-96	10	8.18	<	6.99	UGL	81.8	1.3
TL IN WATER BY GFAA	SD09	TL	MXAX08A2	DV4W*460	UCZB	14-FEB-96	20-MAR-96	10	8.73	<	6.99	UGL	87.3	2.6
TL IN WATER BY GFAA	SD09	TL	MXAX08A2	DV4W*460	UCZB	14-FEB-96	20-MAR-96	10	8.51	<	6.99	UGL	85.1	2.6

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
		**********												
		avg											90.2	
		minimum											81.8	
		maximum											105.0	
PB IN WATER BY GFAA	SD20	PB	MXG302X2	DV4F*164	WCJG	12-FEB-96	20-MAR-96	40	21.5	<	1.26	UGL	53.8	1.9
PB IN WATER BY GFAA	SD20	PB	MXG302X2	DV4F*164	WCJG	12-FEB-96	20-MAR-96	40	21.1	<	1.26	UGL	52.8	1.9
PB IN WATER BY GFAA	SD20	PB	MXAX03X2	DV4F*236	WCKG	14-FEB-96	21-MAR-96	40	42.2	<	1.26	UGL	105.5	.7
PB IN WATER BY GFAA	SD20	PB	MXAX03X2	DV4F*236	WCKG	14-FEB-96	21-MAR-96	40	41.9	<	1.26	UGL	104.8	.7
PB IN WATER BY GFAA	SD20	PB	MXZW12X4	DV4F*276	WCJG	13-FEB-96	20-MAR-96	40	38.9	<	1.26	UGL	97.3	.3
PB IN WATER BY GFAA	SD20	PB	MXZW12X4	DV4F*276	WCJG	13-FEB-96	20-MAR-96	40	38.8	<	1.26	UGL	97.0	.3
PB IN WATER BY GFAA	SD20	PB	MXG302X2	DV4W*164	WCJG	12-FEB-96	20-MAR-96	40	22.1	<	1.26	UGL	55.3	1.4
PB IN WATER BY GFAA	SD20	PB	MXG302X2	DV4W*164	WCJG	12-FEB-96	20-MAR-96	40	21.8	<	1.26	UGL	54.5	1.4
PB IN WATER BY GFAA	SD20	PB	MXAX03X2	DV4W*236	WCKG	14-FEB-96	21-MAR-96	40	43.7	<	1.26	UGL	109.3	2.9
PB IN WATER BY GFAA	SD20	PB	MXAX03X2	DV4W*236	WCKG	14-FEB-96	21-MAR-96	40	45	<	1.26	UGL	112.5	2.9
PB IN WATER BY GFAA	SD20	PB	MXZW12X4	DV4W*276	WCJG	13-FEB-96	20-MAR-96	40	40.3	<	1.26	UGL	100.8	.2
PB IN WATER BY GFAA	SD20	PB	MXZW12X4	DV4W*276	WCJG	13-FEB-96	20-MAR-96	40	40.2	<	1.26	UGL	100.5	.2
PB IN WATER BY GFAA	SD20	PB	MXAX08A2	DV4W*460	WCLG	14-FEB-96	21-MAR-96	40	43.7	<	1.26	UGL	109.3	.2
PB IN WATER BY GFAA	SD20	PB	MXAX08A2	DV4W*460	WCLG	14-FEB-96	21-MAR-96	40	43.6	<	1.26	UGL	109.0	.2
		**********												
		avg											90.1	
		minimum											52.8	
		maximum											112.5	
SB IN WATER BY GFAA	SD21	SB	MXG302X2	DV4F*164	XCBG	12-FEB-96	19-MAR-96	37.5	13.5	<	3.02	UGL	36.0	2.2
SB IN WATER BY GFAA	SD21	SB	MXG302X2	DV4F*164	XCBG	12-FEB-96	19-MAR-96	37.5	13.2	<	3.02	UGL	35.2	2.2
SB IN WATER BY GFAA	SD21	SB	MXAX03X2	DV4F*236	XCCG	14-FEB-96	21-MAR-96	37.5	30.7	<	3.02	UGL	81.9	3.0
SB IN WATER BY GFAA	SD21	SB	MXAX03X2	DV4F*236	XCCG	14-FEB-96	21-MAR-96	37.5	29.8	<	3.02	UGL	79.5	3.0
SB IN WATER BY GFAA	SD21	SB	MXZW12X4	DV4F*276	XCBG	13-FEB-96	19-MAR-96	37.5	32.8	<	3.02	UGL	87.5	5.6
SB IN WATER BY GFAA	SD21	SB	MXZW12X4	DV4F*276	XCBG	13-FEB-96	19-MAR-96	37.5	31	<	3.02	UGL	82.7	5.6
SB IN WATER BY GFAA	SD21	SB	MXG302X2	DV4W*164	XCBG	12-FEB-96	19-MAR-96	37.5	20.1	<	3.02	UGL	53.6	5.6
SB IN WATER BY GFAA	SD21	SB	MXG302X2	DV4W*164	XCBG	12-FEB-96	19-MAR-96	37.5	19	<	3.02	UGL	50.7	5.6
SB IN WATER BY GFAA	SD21	SB	MXAX03X2	DV4W*236	XCCG	14-FEB-96	21-MAR-96	37.5	34.1	<	3.02	UGL	90.9	5.4
SB IN WATER BY GFAA	SD21	SB	MXAX03X2	DV4W*236	XCCG	14-FEB-96	21-MAR-96	37.5	32.3	<	3.02	UGL	86.1	5.4
SB IN WATER BY GFAA	SD21	SB	MXZW12X4	DV4W*276	XCBG	13-FEB-96	19-MAR-96	37.5	35.5	<	3.02	UGL	94.7	.3

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
SB IN WATER BY GFAA	SD21	SB	MXZW12X4	DV4W*276	XCBG	13-FEB-96	19-MAR-96	37.5	35.4	<	3.02	UGL	94.4	.3
SB IN WATER BY GFAA	SD21	SB	MXAX08A2	DV4W*460	XCDG	14-FEB-96	21-MAR-96	37.5	32.4	<	3.02	UGL	86.4	1.8
SB IN WATER BY GFAA	SD21	SB	MXAX08A2	DV4W*460	XCDG	14-FEB-96	21-MAR-96	37.5	33	<	3.02	UGL	88.0	1.8
		**********											----------	
		avg											74.8	
		minimum											35.2	
		maximum											94.7	
AS IN WATER BY GFAA	SD22	AS	MXG302X2	DV4F*164	YCFG	12-FEB-96	24-MAR-96	37.5	31.1	<	2.54	UGL	82.9	6.3
AS IN WATER BY GFAA	SD22	AS	MXG302X2	DV4F*164	YCFG	12-FEB-96	24-MAR-96	37.5	29.2	<	2.54	UGL	77.9	6.3
AS IN WATER BY GFAA	SD22	AS	MXAX03X2	DV4F*236	YCGG	14-FEB-96	21-MAR-96	37.5	45.1	<	2.54	UGL	120.3	2.7
AS IN WATER BY GFAA	SD22	AS	MXAX03X2	DV4F*236	YCGG	14-FEB-96	21-MAR-96	37.5	43.9	<	2.54	UGL	117.1	2.7
AS IN WATER BY GFAA	SD22	AS	MXZW12X4	DV4F*276	YCFG	13-FEB-96	24-MAR-96	37.5	37.6	<	2.54	UGL	100.3	4.1
AS IN WATER BY GFAA	SD22	AS	MXZW12X4	DV4F*276	YCFG	13-FEB-96	24-MAR-96	37.5	36.1	<	2.54	UGL	96.3	4.1
AS IN WATER BY GFAA	SD22	AS	MXG302X2	DV4W*164	YCFG	12-FEB-96	25-MAR-96	37.5	32.4	<	2.54	UGL	86.4	10.0
AS IN WATER BY GFAA	SD22	AS	MXG302X2	DV4W*164	YCFG	12-FEB-96	25-MAR-96	37.5	29.3	<	2.54	UGL	78.1	10.0
AS IN WATER BY GFAA	SD22	AS	MXAX03X2	DV4W*236	YCGG	14-FEB-96	21-MAR-96	37.5	50.9	<	2.54	UGL	135.7	8.8
AS IN WATER BY GFAA	SD22	AS	MXAX03X2	DV4W*236	YCGG	14-FEB-96	21-MAR-96	37.5	46.6	<	2.54	UGL	124.3	8.8
AS IN WATER BY GFAA	SD22	AS	MXZW12X4	DV4W*276	YCFG	13-FEB-96	24-MAR-96	37.5	38.8	<	2.54	UGL	103.5	1.0
AS IN WATER BY GFAA	SD22	AS	MXZW12X4	DV4W*276	YCFG	13-FEB-96	24-MAR-96	37.5	38.4	<	2.54	UGL	102.4	1.0
AS IN WATER BY GFAA	SD22	AS	MXAX08A2	DV4W*460	YCHG	14-FEB-96	19-MAR-96	37.5	40.5		12.8	UGL	108.0	.5
AS IN WATER BY GFAA	SD22	AS	MXAX08A2	DV4W*460	YCHG	14-FEB-96	19-MAR-96	37.5	40.3		12.8	UGL	107.5	.5
		**********											----------	
		avg											102.9	
		minimum											77.9	
		maximum											135.7	
SB IN WATER BY GFAA	SD28	SB	MXG302X2	DV4F*164	NFJB	12-FEB-96	13-MAR-96	80	34.6	<	3.03	UGL	43.3	7.2
SB IN WATER BY GFAA	SD28	SB	MXG302X2	DV4F*164	NFJB	12-FEB-96	13-MAR-96	80	32.2	<	3.03	UGL	40.3	7.2
SB IN WATER BY GFAA	SD28	SB	MXAX03X2	DV4F*236	NFKB	14-FEB-96	14-MAR-96	80	72.6	<	3.03	UGL	90.8	1.2
SB IN WATER BY GFAA	SD28	SB	MXAX03X2	DV4F*236	NFKB	14-FEB-96	14-MAR-96	80	71.7	<	3.03	UGL	89.6	1.2
SB IN WATER BY GFAA	SD28	SB	MXZW12X4	DV4F*276	NFJB	13-FEB-96	13-MAR-96	80	74.8	<	3.03	UGL	93.5	3.8
SB IN WATER BY GFAA	SD28	SB	MXZW12X4	DV4F*276	NFJB	13-FEB-96	13-MAR-96	80	72	<	3.03	UGL	90.0	3.8
SB IN WATER BY GFAA	SD28	SB	MXG302X2	DV4W*164	NFJB	12-FEB-96	13-MAR-96	80	31.6	<	3.03	UGL	39.5	.0
SB IN WATER BY GFAA	SD28	SB	MXG302X2	DV4W*164	NFJB	12-FEB-96	13-MAR-96	80	31.6	<	3.03	UGL	39.5	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
SB IN WATER BY GFAA	SD28	SB	MXAX03X2	DV4W*236	NFKB	14-FEB-96	14-MAR-96	80	62.7	<	3.03	UGL	78.4	3.7
SB IN WATER BY GFAA	SD28	SB	MXAX03X2	DV4W*236	NFKB	14-FEB-96	14-MAR-96	80	60.4	<	3.03	UGL	75.5	3.7
SB IN WATER BY GFAA	SD28	SB	MXZW12X4	DV4W*276	NFJB	13-FEB-96	13-MAR-96	80	60.2	<	3.03	UGL	75.3	2.7
SB IN WATER BY GFAA	SD28	SB	MXZW12X4	DV4W*276	NFJB	13-FEB-96	13-MAR-96	80	58.6	<	3.03	UGL	73.3	2.7
SB IN WATER BY GFAA	SD28	SB	MXAX08A2	DV4W*460	NFLB	14-FEB-96	21-MAR-96	80	62.2	<	3.03	UGL	77.8	3.8
SB IN WATER BY GFAA	SD28	SB	MXAX08A2	DV4W*460	NFLB	14-FEB-96	21-MAR-96	80	59.9	<	3.03	UGL	74.9	3.8
		**********											----------	
		avg											70.1	
		minimum											39.5	
		maximum											93.5	
METALS IN WATER BY ICAP	SS10	AG	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	50	48.7	<	4.6	UGL	97.4	1.2
METALS IN WATER BY ICAP	SS10	AG	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	50	48.1	<	4.6	UGL	96.2	1.2
METALS IN WATER BY ICAP	SS10	AG	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	50	48.7	<	4.6	UGL	97.4	.2
METALS IN WATER BY ICAP	SS10	AG	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	50	48.6	<	4.6	UGL	97.2	.2
METALS IN WATER BY ICAP	SS10	AG	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	50	50.4	<	4.6	UGL	100.8	8.7
METALS IN WATER BY ICAP	SS10	AG	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	50	46.2	<	4.6	UGL	92.4	8.7
METALS IN WATER BY ICAP	SS10	AG	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	50	52.1	<	4.6	UGL	104.2	3.9
METALS IN WATER BY ICAP	SS10	AG	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	50	50.1	<	4.6	UGL	100.2	3.9
METALS IN WATER BY ICAP	SS10	AG	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	50	50.7	<	4.6	UGL	101.4	3.2
METALS IN WATER BY ICAP	SS10	AG	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	50	49.1	<	4.6	UGL	98.2	3.2
METALS IN WATER BY ICAP	SS10	AG	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	50	50.8	<	4.6	UGL	101.6	1.0
METALS IN WATER BY ICAP	SS10	AG	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	50	50.3	<	4.6	UGL	100.6	1.0
METALS IN WATER BY ICAP	SS10	AG	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	50	51.2	<	4.6	UGL	102.4	2.6
METALS IN WATER BY ICAP	SS10	AG	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	50	49.9	<	4.6	UGL	99.8	2.6
		**********											----------	
		avg											99.3	
		minimum											92.4	
		maximum											104.2	
METALS IN WATER BY ICAP	SS10	AL	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	2000	1860	<	141	UGL	93.0	1.1
METALS IN WATER BY ICAP	SS10	AL	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	2000	1840	<	141	UGL	92.0	1.1
METALS IN WATER BY ICAP	SS10	AL	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	2000	2000	<	141	UGL	100.0	.5
METALS IN WATER BY ICAP	SS10	AL	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	2000	1990	<	141	UGL	99.5	.5
METALS IN WATER BY ICAP	SS10	AL	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	2000	1920	<	141	UGL	96.0	4.3
METALS IN WATER BY ICAP	SS10	AL	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	2000	1840	<	141	UGL	92.0	4.3

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	AL	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	2000	1990	<	141	UGL	99.5	1.0
METALS IN WATER BY ICAP	SS10	AL	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	2000	1970	<	141	UGL	98.5	1.0
METALS IN WATER BY ICAP	SS10	AL	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	2000	2070		925	UGL	103.5	4.4
METALS IN WATER BY ICAP	SS10	AL	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	2000	1980		925	UGL	99.0	4.4
METALS IN WATER BY ICAP	SS10	AL	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	2000	1940		591	UGL	97.0	1.0
METALS IN WATER BY ICAP	SS10	AL	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	2000	1920		591	UGL	96.0	1.0
METALS IN WATER BY ICAP	SS10	AL	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	2000	2040	<	141	UGL	102.0	1.0
METALS IN WATER BY ICAP	SS10	AL	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	2000	2020	<	141	UGL	101.0	1.0
		**********											----------	
		avg											97.8	
		minimum											92.0	
		maximum											103.5	
METALS IN WATER BY ICAP	SS10	BA	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	2000	1790		34.6	UGL	89.5	1.7
METALS IN WATER BY ICAP	SS10	BA	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	2000	1760		34.6	UGL	88.0	1.7
METALS IN WATER BY ICAP	SS10	BA	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	2000	1890		16	UGL	94.5	1.6
METALS IN WATER BY ICAP	SS10	BA	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	2000	1860		16	UGL	93.0	1.6
METALS IN WATER BY ICAP	SS10	BA	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	2000	1760	<	5	UGL	88.0	4.1
METALS IN WATER BY ICAP	SS10	BA	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	2000	1690	<	5	UGL	84.5	4.1
METALS IN WATER BY ICAP	SS10	BA	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	2000	1860		33	UGL	93.0	2.7
METALS IN WATER BY ICAP	SS10	BA	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	2000	1810		33	UGL	90.5	2.7
METALS IN WATER BY ICAP	SS10	BA	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	2000	1890		27	UGL	94.5	.5
METALS IN WATER BY ICAP	SS10	BA	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	2000	1880		27	UGL	94.0	.5
METALS IN WATER BY ICAP	SS10	BA	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	2000	1810		6.74	UGL	90.5	.6
METALS IN WATER BY ICAP	SS10	BA	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	2000	1800		6.74	UGL	90.0	.6
METALS IN WATER BY ICAP	SS10	BA	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	2000	1890		7.31	UGL	94.5	1.6
METALS IN WATER BY ICAP	SS10	BA	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	2000	1860		7.31	UGL	93.0	1.6
		**********											----------	
		avg											91.3	
		minimum											84.5	
		maximum											94.5	
METALS IN WATER BY ICAP	SS10	BE	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	50	58.2	<	5	UGL	116.4	2.6
METALS IN WATER BY ICAP	SS10	BE	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	50	56.7	<	5	UGL	113.4	2.6
METALS IN WATER BY ICAP	SS10	BE	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	50	56.7	<	5	UGL	113.4	.5
METALS IN WATER BY ICAP	SS10	BE	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	50	56.4	<	5	UGL	112.8	.5
METALS IN WATER BY ICAP	SS10	BE	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	50	56.7	<	5	UGL	113.4	5.2

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	BE	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	50	53.8	<	5	UGL	107.6	5.2
METALS IN WATER BY ICAP	SS10	BE	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	50	58.2	<	5	UGL	116.4	.0
METALS IN WATER BY ICAP	SS10	BE	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	50	58.2	<	5	UGL	116.4	.0
METALS IN WATER BY ICAP	SS10	BE	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	50	57.9	<	5	UGL	115.8	1.0
METALS IN WATER BY ICAP	SS10	BE	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	50	57.3	<	5	UGL	114.6	1.0
METALS IN WATER BY ICAP	SS10	BE	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	50	58.1	<	5	UGL	116.2	.0
METALS IN WATER BY ICAP	SS10	BE	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	50	58.1	<	5	UGL	116.2	.0
METALS IN WATER BY ICAP	SS10	BE	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	50	57.4	<	5	UGL	114.8	1.9
METALS IN WATER BY ICAP	SS10	BE	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	50	56.3	<	5	UGL	112.6	1.9
		**********											----------	
		avg											114.3	
		minimum											107.6	
		maximum											116.4	
METALS IN WATER BY ICAP	SS10	CA	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	10000	9790		10100	UGL	97.9	2.0
METALS IN WATER BY ICAP	SS10	CA	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	10000	9600		10100	UGL	96.0	2.0
METALS IN WATER BY ICAP	SS10	CA	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	10000	10600		69100	UGL	106.0	14.6
METALS IN WATER BY ICAP	SS10	CA	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	10000	9160		69100	UGL	91.6	14.6
METALS IN WATER BY ICAP	SS10	CA	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	10000	10200		18000	UGL	102.0	10.3
METALS IN WATER BY ICAP	SS10	CA	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	10000	9200		18000	UGL	92.0	10.3
METALS IN WATER BY ICAP	SS10	CA	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	10000	10600		10200	UGL	106.0	4.8
METALS IN WATER BY ICAP	SS10	CA	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	10000	10100		10200	UGL	101.0	4.8
METALS IN WATER BY ICAP	SS10	CA	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	10000	11300		56600	UGL	113.0	5.5
METALS IN WATER BY ICAP	SS10	CA	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	10000	10700		56600	UGL	107.0	5.5
METALS IN WATER BY ICAP	SS10	CA	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	10000	10200		19300	UGL	102.0	3.9
METALS IN WATER BY ICAP	SS10	CA	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	10000	9810		19300	UGL	98.1	3.9
METALS IN WATER BY ICAP	SS10	CA	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	10000	10400		13600	UGL	104.0	5.8
METALS IN WATER BY ICAP	SS10	CA	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	10000	9810		13600	UGL	98.1	5.8
		**********											----------	
		avg											101.1	
		minimum											91.6	
		maximum											113.0	
METALS IN WATER BY ICAP	SS10	CD	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	50	52.3	<	4.01	UGL	104.6	1.5
METALS IN WATER BY ICAP	SS10	CD	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	50	51.5	<	4.01	UGL	103.0	1.5
METALS IN WATER BY ICAP	SS10	CD	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	50	51.1	<	4.01	UGL	102.2	1.4
METALS IN WATER BY ICAP	SS10	CD	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	50	50.4	<	4.01	UGL	100.8	1.4

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	CD	MXZW12X4	DV4P*276	ZFZF	13-FEB-96	08-MAR-96	50	52.2	<	4.01	UGL	104.4	.6
METALS IN WATER BY ICAP	SS10	CD	MXZW12X4	DV4P*276	ZFZF	13-FEB-96	08-MAR-96	50	51.9	<	4.01	UGL	103.8	.6
METALS IN WATER BY ICAP	SS10	CD	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	50	49.1	<	4.01	UGL	98.2	2.7
METALS IN WATER BY ICAP	SS10	CD	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	50	47.8	<	4.01	UGL	95.6	2.7
METALS IN WATER BY ICAP	SS10	CD	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	50	50.5	<	4.01	UGL	101.0	1.8
METALS IN WATER BY ICAP	SS10	CD	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	50	49.6	<	4.01	UGL	99.2	1.8
METALS IN WATER BY ICAP	SS10	CD	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	50	47.8	<	4.01	UGL	95.6	5.6
METALS IN WATER BY ICAP	SS10	CD	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	50	45.2	<	4.01	UGL	90.4	5.6
METALS IN WATER BY ICAP	SS10	CD	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	50	49.5	<	4.01	UGL	99.0	1.4
METALS IN WATER BY ICAP	SS10	CD	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	50	48.8	<	4.01	UGL	97.6	1.4
		**********											----------	
		avg											99.7	
		minimum											90.4	
		maximum											104.6	
METALS IN WATER BY ICAP	SS10	CO	MXG302X2	DV4P*164	ZFZF	12-FEB-96	08-MAR-96	500	544	<	25	UGL	108.8	1.1
METALS IN WATER BY ICAP	SS10	CO	MXG302X2	DV4P*164	ZFZF	12-FEB-96	08-MAR-96	500	538	<	25	UGL	107.6	1.1
METALS IN WATER BY ICAP	SS10	CO	MXAX03X2	DV4P*236	ZFAG	14-FEB-96	08-MAR-96	500	556	<	25	UGL	111.2	.4
METALS IN WATER BY ICAP	SS10	CO	MXAX03X2	DV4P*236	ZFAG	14-FEB-96	08-MAR-96	500	554	<	25	UGL	110.8	.4
METALS IN WATER BY ICAP	SS10	CO	MXZW12X4	DV4P*276	ZFZF	13-FEB-96	08-MAR-96	500	538	<	25	UGL	107.6	3.6
METALS IN WATER BY ICAP	SS10	CO	MXZW12X4	DV4P*276	ZFZF	13-FEB-96	08-MAR-96	500	519	<	25	UGL	103.8	3.6
METALS IN WATER BY ICAP	SS10	CO	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	500	562	<	25	UGL	112.4	1.6
METALS IN WATER BY ICAP	SS10	CO	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	500	553	<	25	UGL	110.6	1.6
METALS IN WATER BY ICAP	SS10	CO	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	500	580	<	25	UGL	116.0	2.8
METALS IN WATER BY ICAP	SS10	CO	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	500	564	<	25	UGL	112.8	2.8
METALS IN WATER BY ICAP	SS10	CO	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	500	562	<	25	UGL	112.4	3.1
METALS IN WATER BY ICAP	SS10	CO	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	500	545	<	25	UGL	109.0	3.1
METALS IN WATER BY ICAP	SS10	CO	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	500	577	<	25	UGL	115.4	2.3
METALS IN WATER BY ICAP	SS10	CO	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	500	564	<	25	UGL	112.8	2.3
		**********											----------	
		avg											110.8	
		minimum											103.8	
		maximum											116.0	
METALS IN WATER BY ICAP	SS10	CR	MXG302X2	DV4P*164	ZFZF	12-FEB-96	08-MAR-96	200	187	<	6.02	UGL	93.5	.5
METALS IN WATER BY ICAP	SS10	CR	MXG302X2	DV4P*164	ZFZF	12-FEB-96	08-MAR-96	200	186	<	6.02	UGL	93.0	.5
METALS IN WATER BY ICAP	SS10	CR	MXAX03X2	DV4P*236	ZFAG	14-FEB-96	08-MAR-96	200	196	<	6.02	UGL	98.0	1.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	CR	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	200	194	<	6.02	UGL	97.0	1.0
METALS IN WATER BY ICAP	SS10	CR	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	200	187	<	6.02	UGL	93.5	3.8
METALS IN WATER BY ICAP	SS10	CR	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	200	180	<	6.02	UGL	90.0	3.8
METALS IN WATER BY ICAP	SS10	CR	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	200	196	<	6.02	UGL	98.0	2.6
METALS IN WATER BY ICAP	SS10	CR	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	200	191	<	6.02	UGL	95.5	2.6
METALS IN WATER BY ICAP	SS10	CR	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	200	202	<	6.02	UGL	101.0	2.0
METALS IN WATER BY ICAP	SS10	CR	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	200	198	<	6.02	UGL	99.0	2.0
METALS IN WATER BY ICAP	SS10	CR	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	200	194	<	6.02	UGL	97.0	1.6
METALS IN WATER BY ICAP	SS10	CR	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	200	191	<	6.02	UGL	95.5	1.6
METALS IN WATER BY ICAP	SS10	CR	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	200	203	<	6.02	UGL	101.5	1.5
METALS IN WATER BY ICAP	SS10	CR	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	200	200	<	6.02	UGL	100.0	1.5
		**********											----------	
		avg											96.6	
		minimum											90.0	
		maximum											101.5	
METALS IN WATER BY ICAP	SS10	CU	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	250	246	<	8.09	UGL	98.4	.8
METALS IN WATER BY ICAP	SS10	CU	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	250	244	<	8.09	UGL	97.6	.8
METALS IN WATER BY ICAP	SS10	CU	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	250	252	<	8.09	UGL	100.8	1.2
METALS IN WATER BY ICAP	SS10	CU	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	250	249	<	8.09	UGL	99.6	1.2
METALS IN WATER BY ICAP	SS10	CU	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	250	239	<	8.09	UGL	95.6	4.3
METALS IN WATER BY ICAP	SS10	CU	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	250	229	<	8.09	UGL	91.6	4.3
METALS IN WATER BY ICAP	SS10	CU	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	250	251	<	8.09	UGL	100.4	1.6
METALS IN WATER BY ICAP	SS10	CU	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	250	247	<	8.09	UGL	98.8	1.6
METALS IN WATER BY ICAP	SS10	CU	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	250	258	<	8.09	UGL	103.2	.8
METALS IN WATER BY ICAP	SS10	CU	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	250	256	<	8.09	UGL	102.4	.8
METALS IN WATER BY ICAP	SS10	CU	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	250	250	<	8.09	UGL	100.0	1.2
METALS IN WATER BY ICAP	SS10	CU	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	250	247	<	8.09	UGL	98.8	1.2
METALS IN WATER BY ICAP	SS10	CU	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	250	256	<	8.09	UGL	102.4	.8
METALS IN WATER BY ICAP	SS10	CU	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	250	254	<	8.09	UGL	101.6	.8
		**********											----------	
		avg											99.4	
		minimum											91.6	
		maximum											103.2	
METALS IN WATER BY ICAP	SS10	FE	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	1000	1000	<	38.8	UGL	100.0	.9
METALS IN WATER BY ICAP	SS10	FE	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	1000	991	<	38.8	UGL	99.1	.9

Chemical Quality Control Report
Installation: *Fort Devens*, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	FE	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	1000	1080		357	UGL	108.0	1.9
METALS IN WATER BY ICAP	SS10	FE	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	1000	1060		357	UGL	106.0	1.9
METALS IN WATER BY ICAP	SS10	FE	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	1000	1010	<	38.8	UGL	101.0	3.6
METALS IN WATER BY ICAP	SS10	FE	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	1000	974	<	38.8	UGL	97.4	3.6
METALS IN WATER BY ICAP	SS10	FE	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	1000	1070	<	38.8	UGL	107.0	1.9
METALS IN WATER BY ICAP	SS10	FE	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	1000	1050	<	38.8	UGL	105.0	1.9
METALS IN WATER BY ICAP	SS10	FE	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	1000	1040		3030	UGL	104.0	1.0
METALS IN WATER BY ICAP	SS10	FE	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	1000	1030		3030	UGL	103.0	1.0
METALS IN WATER BY ICAP	SS10	FE	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	1000	1020		664	UGL	102.0	.0
METALS IN WATER BY ICAP	SS10	FE	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	1000	1020		664	UGL	102.0	.0
METALS IN WATER BY ICAP	SS10	FE	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	1000	1050	<	38.8	UGL	105.0	1.9
METALS IN WATER BY ICAP	SS10	FE	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	1000	1030	<	38.8	UGL	103.0	1.9
		**********												
		avg											103.0	
		minimum											97.4	
		maximum											108.0	
METALS IN WATER BY ICAP	SS10	K	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	10000	10400		2490	UGL	104.0	4.0
METALS IN WATER BY ICAP	SS10	K	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	10000	9990		2490	UGL	99.9	4.0
METALS IN WATER BY ICAP	SS10	K	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	10000	10700		3130	UGL	107.0	.9
METALS IN WATER BY ICAP	SS10	K	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	10000	10600		3130	UGL	106.0	.9
METALS IN WATER BY ICAP	SS10	K	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	10000	10700		1660	UGL	107.0	4.8
METALS IN WATER BY ICAP	SS10	K	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	10000	10200		1660	UGL	102.0	4.8
METALS IN WATER BY ICAP	SS10	K	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	10000	11300		1700	UGL	113.0	.9
METALS IN WATER BY ICAP	SS10	K	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	10000	11200		1700	UGL	112.0	.9
METALS IN WATER BY ICAP	SS10	K	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	10000	10900		2630	UGL	109.0	3.7
METALS IN WATER BY ICAP	SS10	K	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	10000	10500		2630	UGL	105.0	3.7
METALS IN WATER BY ICAP	SS10	K	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	10000	11100		1610	UGL	111.0	2.7
METALS IN WATER BY ICAP	SS10	K	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	10000	10800		1610	UGL	108.0	2.7
METALS IN WATER BY ICAP	SS10	K	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	10000	11500		1410	UGL	115.0	3.5
METALS IN WATER BY ICAP	SS10	K	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	10000	11100		1410	UGL	111.0	3.5
		**********												
		avg											107.9	
		minimum											99.9	
		maximum											115.0	
METALS IN WATER BY ICAP	SS10	MG	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	10000	9520		895	UGL	95.2	.6

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	MG	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	10000	9460		895	UGL	94.6	.6
METALS IN WATER BY ICAP	SS10	MG	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	10000	10100		35500	UGL	101.0	7.6
METALS IN WATER BY ICAP	SS10	MG	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	10000	9360		35500	UGL	93.6	7.6
METALS IN WATER BY ICAP	SS10	MG	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	10000	9610		1870	UGL	96.1	4.9
METALS IN WATER BY ICAP	SS10	MG	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	10000	9150		1870	UGL	91.5	4.9
METALS IN WATER BY ICAP	SS10	MG	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	10000	10200		883	UGL	102.0	2.4
METALS IN WATER BY ICAP	SS10	MG	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	10000	9960		883	UGL	99.6	2.4
METALS IN WATER BY ICAP	SS10	MG	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	10000	10300		13800	UGL	103.0	1.0
METALS IN WATER BY ICAP	SS10	MG	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	10000	10200		13800	UGL	102.0	1.0
METALS IN WATER BY ICAP	SS10	MG	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	10000	10100		2180	UGL	101.0	2.1
METALS IN WATER BY ICAP	SS10	MG	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	10000	9890		2180	UGL	98.9	2.1
METALS IN WATER BY ICAP	SS10	MG	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	10000	10200		1460	UGL	102.0	2.0
METALS IN WATER BY ICAP	SS10	MG	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	10000	10000		1460	UGL	100.0	2.0
		**********												
		avg											98.6	
		minimum											91.5	
		maximum											103.0	
METALS IN WATER BY ICAP	SS10	MN	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	500	498		9.16	UGL	99.6	1.4
METALS IN WATER BY ICAP	SS10	MN	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	500	491		9.16	UGL	98.2	1.4
METALS IN WATER BY ICAP	SS10	MN	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	500	524		2770	UGL	104.8	11.9
METALS IN WATER BY ICAP	SS10	MN	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	500	465		2770	UGL	93.0	11.9
METALS IN WATER BY ICAP	SS10	MN	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	500	493		4.29	UGL	98.6	3.7
METALS IN WATER BY ICAP	SS10	MN	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	500	475		4.29	UGL	95.0	3.7
METALS IN WATER BY ICAP	SS10	MN	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	500	517		7.82	UGL	103.4	2.0
METALS IN WATER BY ICAP	SS10	MN	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	500	507		7.82	UGL	101.4	2.0
METALS IN WATER BY ICAP	SS10	MN	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	500	667		8740	UGL	133.4	16.0
METALS IN WATER BY ICAP	SS10	MN	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	500	568		8740	UGL	113.6	16.0
METALS IN WATER BY ICAP	SS10	MN	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	500	506		22.6	UGL	101.2	.8
METALS IN WATER BY ICAP	SS10	MN	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	500	502		22.6	UGL	100.4	.8
METALS IN WATER BY ICAP	SS10	MN	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	500	529		10.9	UGL	105.8	1.7
METALS IN WATER BY ICAP	SS10	MN	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	500	520		10.9	UGL	104.0	1.7
		**********												
		avg											103.7	
		minimum											93.0	
		maximum											133.4	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	NA	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	10000	8960		49100	UGL	89.6	1.2
METALS IN WATER BY ICAP	SS10	NA	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	10000	8850		49100	UGL	88.5	1.2
METALS IN WATER BY ICAP	SS10	NA	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	10000	11100		44200	UGL	111.0	10.4
METALS IN WATER BY ICAP	SS10	NA	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	10000	10000		44200	UGL	100.0	10.4
METALS IN WATER BY ICAP	SS10	NA	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	10000	10200		19500	UGL	102.0	9.8
METALS IN WATER BY ICAP	SS10	NA	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	10000	9250		19500	UGL	92.5	9.8
METALS IN WATER BY ICAP	SS10	NA	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	10000	11100		50800	UGL	111.0	17.2
METALS IN WATER BY ICAP	SS10	NA	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	10000	9340		50800	UGL	93.4	17.2
METALS IN WATER BY ICAP	SS10	NA	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	10000	11300		40700	UGL	113.0	3.6
METALS IN WATER BY ICAP	SS10	NA	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	10000	10900		40700	UGL	109.0	3.6
METALS IN WATER BY ICAP	SS10	NA	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	10000	10200		21400	UGL	102.0	4.3
METALS IN WATER BY ICAP	SS10	NA	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	10000	9770		21400	UGL	97.7	4.3
METALS IN WATER BY ICAP	SS10	NA	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	10000	10100		30700	UGL	101.0	8.5
METALS IN WATER BY ICAP	SS10	NA	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	10000	9280		30700	UGL	92.8	8.5
		**********											----------	
		avg											100.3	
		minimum											88.5	
		maximum											113.0	
METALS IN WATER BY ICAP	SS10	NI	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	500	545	<	34.3	UGL	109.0	1.5
METALS IN WATER BY ICAP	SS10	NI	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	500	537	<	34.3	UGL	107.4	1.5
METALS IN WATER BY ICAP	SS10	NI	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	500	576	<	34.3	UGL	115.2	2.1
METALS IN WATER BY ICAP	SS10	NI	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	500	564	<	34.3	UGL	112.8	2.1
METALS IN WATER BY ICAP	SS10	NI	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	500	549	<	34.3	UGL	109.8	4.9
METALS IN WATER BY ICAP	SS10	NI	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	500	523	<	34.3	UGL	104.6	4.9
METALS IN WATER BY ICAP	SS10	NI	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	500	573	<	34.3	UGL	114.6	2.8
METALS IN WATER BY ICAP	SS10	NI	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	500	557	<	34.3	UGL	111.4	2.8
METALS IN WATER BY ICAP	SS10	NI	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	500	588	<	34.3	UGL	117.6	1.2
METALS IN WATER BY ICAP	SS10	NI	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	500	581	<	34.3	UGL	116.2	1.2
METALS IN WATER BY ICAP	SS10	NI	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	500	558	<	34.3	UGL	111.6	.5
METALS IN WATER BY ICAP	SS10	NI	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	500	555	<	34.3	UGL	111.0	.5
METALS IN WATER BY ICAP	SS10	NI	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	500	585	<	34.3	UGL	117.0	2.8
METALS IN WATER BY ICAP	SS10	NI	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	500	569	<	34.3	UGL	113.8	2.8
		**********											----------	
		avg											112.3	
		minimum											104.6	
		maximum											117.6	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
METALS IN WATER BY ICAP	SS10	V	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	500	503	<	11	UGL	100.6	1.0
METALS IN WATER BY ICAP	SS10	V	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	500	498	<	11	UGL	99.6	1.0
METALS IN WATER BY ICAP	SS10	V	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	500	518	<	11	UGL	103.6	1.4
METALS IN WATER BY ICAP	SS10	V	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	500	511	<	11	UGL	102.2	1.4
METALS IN WATER BY ICAP	SS10	V	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	500	498	<	11	UGL	99.6	3.9
METALS IN WATER BY ICAP	SS10	V	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	500	479	<	11	UGL	95.8	3.9
METALS IN WATER BY ICAP	SS10	V	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	500	526	<	11	UGL	105.2	1.7
METALS IN WATER BY ICAP	SS10	V	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	500	517	<	11	UGL	103.4	1.7
METALS IN WATER BY ICAP	SS10	V	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	500	526	<	11	UGL	105.2	1.1
METALS IN WATER BY ICAP	SS10	V	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	500	520	<	11	UGL	104.0	1.1
METALS IN WATER BY ICAP	SS10	V	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	500	514	<	11	UGL	102.8	.2
METALS IN WATER BY ICAP	SS10	V	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	500	513	<	11	UGL	102.6	.2
METALS IN WATER BY ICAP	SS10	V	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	500	533	<	11	UGL	106.6	1.7
METALS IN WATER BY ICAP	SS10	V	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	500	524	<	11	UGL	104.8	1.7
		**********											----------	
		avg											102.6	
		minimum											95.8	
		maximum											106.6	
METALS IN WATER BY ICAP	SS10	ZN	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	500	499	<	21.1	UGL	99.8	.4
METALS IN WATER BY ICAP	SS10	ZN	MXG302X2	DV4F*164	ZFZF	12-FEB-96	08-MAR-96	500	497	<	21.1	UGL	99.4	.4
METALS IN WATER BY ICAP	SS10	ZN	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	500	505	<	21.1	UGL	101.0	1.4
METALS IN WATER BY ICAP	SS10	ZN	MXAX03X2	DV4F*236	ZFAG	14-FEB-96	08-MAR-96	500	498	<	21.1	UGL	99.6	1.4
METALS IN WATER BY ICAP	SS10	ZN	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	500	497	<	21.1	UGL	99.4	4.3
METALS IN WATER BY ICAP	SS10	ZN	MXZW12X4	DV4F*276	ZFZF	13-FEB-96	08-MAR-96	500	476	<	21.1	UGL	95.2	4.3
METALS IN WATER BY ICAP	SS10	ZN	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	500	515	<	21.1	UGL	103.0	1.2
METALS IN WATER BY ICAP	SS10	ZN	MXG302X2	DV4W*164	ZFZF	12-FEB-96	08-MAR-96	500	509	<	21.1	UGL	101.8	1.2
METALS IN WATER BY ICAP	SS10	ZN	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	500	507	<	21.1	UGL	101.4	.8
METALS IN WATER BY ICAP	SS10	ZN	MXAX03X2	DV4W*236	ZFAG	14-FEB-96	08-MAR-96	500	503	<	21.1	UGL	100.6	.8
METALS IN WATER BY ICAP	SS10	ZN	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	500	510	<	21.1	UGL	102.0	1.8
METALS IN WATER BY ICAP	SS10	ZN	MXZW12X4	DV4W*276	ZFZF	13-FEB-96	08-MAR-96	500	501	<	21.1	UGL	100.2	1.8
METALS IN WATER BY ICAP	SS10	ZN	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	500	523	<	21.1	UGL	104.6	1.2
METALS IN WATER BY ICAP	SS10	ZN	MX5708B2	DV4W*462	ZFBG	15-FEB-96	12-MAR-96	500	517	<	21.1	UGL	103.4	1.2
		**********											----------	
		avg											100.8	
		minimum											95.2	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
		maximum											104.6	
NO2, NO3 IN WATER	TF22	NIT	MXAX02X2	DV4W*234	ZGED	13-FEB-96	07-MAR-96	150	150		78.1	UGL	100.0	.0
NO2, NO3 IN WATER	TF22	NIT	MXAX02X2	DV4W*234	ZGED	13-FEB-96	07-MAR-96	150	150		78.1	UGL	100.0	.0
NO2, NO3 IN WATER	TF22	NIT	MXZW14X4	DV4W*280	ZGFD	13-FEB-96	11-MAR-96	150	140		450	UGL	93.3	.0
NO2, NO3 IN WATER	TF22	NIT	MXZW14X4	DV4W*280	ZGFD	13-FEB-96	11-MAR-96	150	140		450	UGL	93.3	.0
NO2, NO3 IN WATER	TF22	NIT	MXZW18X2	DV4W*288	ZGED	12-FEB-96	07-MAR-96	150	150		3000	UGL	100.0	.0
NO2, NO3 IN WATER	TF22	NIT	MXZW18X2	DV4W*288	ZGED	12-FEB-96	07-MAR-96	150	150		3000	UGL	100.0	.0
NO2, NO3 IN WATER	TF22	NIT	MXAX08A2	DV4W*460	ZGFD	14-FEB-96	11-MAR-96	150	150	<	10	UGL	100.0	.0
NO2, NO3 IN WATER	TF22	NIT	MXAX08A2	DV4W*460	ZGFD	14-FEB-96	11-MAR-96	150	150	<	10	UGL	100.0	.0
		**********											----------	
		avg											98.3	
		minimum											93.3	
		maximum											100.0	
N2KJEL IN WATER	TF26	N2KJEL	MXAX03X2	DV4W*236	SHBB	14-FEB-96	12-MAR-96	4000	4200		1240	UGL	105.0	.0
N2KJEL IN WATER	TF26	N2KJEL	MXAX03X2	DV4W*236	SHBB	14-FEB-96	12-MAR-96	4000	4200		1240	UGL	105.0	.0
N2KJEL IN WATER	TF26	N2KJEL	MXZW12X4	DV4W*276	SHZA	13-FEB-96	27-FEB-96	4000	3900		257	UGL	97.5	2.3
N2KJEL IN WATER	TF26	N2KJEL	MXZW12X4	DV4W*276	SHZA	13-FEB-96	27-FEB-96	4000	3810		257	UGL	95.3	2.3
		**********											----------	
		avg											100.7	
		minimum											95.3	
		maximum											105.0	
TOT. PO4 IN WATER	TF27	PO4	MXG302X2	DV4W*164	WHMB	12-FEB-96	27-FEB-96	400	384	<	13.3	UGL	96.0	1.0
TOT. PO4 IN WATER	TF27	PO4	MXG302X2	DV4W*164	WHMB	12-FEB-96	27-FEB-96	400	380	<	13.3	UGL	95.0	1.0
TOT. PO4 IN WATER	TF27	PO4	MX5708B2	DV4W*462	WHMB	15-FEB-96	27-FEB-96	400	408	<	13.3	UGL	102.0	2.5
TOT. PO4 IN WATER	TF27	PO4	MX5708B2	DV4W*462	WHMB	15-FEB-96	27-FEB-96	400	398	<	13.3	UGL	99.5	2.5
		**********											----------	
		avg											98.1	
		minimum											95.0	
		maximum											102.0	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
SO4 IN WATER	TT10	CL	MXG302X2	DV4W*164	PDQC	12-FEB-96	15-FEB-96	25000	29000		93000	UGL	116.0	.0
SO4 IN WATER	TT10	CL	MXG302X2	DV4W*164	PDQC	12-FEB-96	15-FEB-96	25000	29000		93000	UGL	116.0	.0
SO4 IN WATER	TT10	CL	MXAX03X2	DV4W*236	PDTC	14-FEB-96	26-FEB-96	25000	29000		23100	UGL	116.0	.0
SO4 IN WATER	TT10	CL	MXAX03X2	DV4W*236	PDTC	14-FEB-96	26-FEB-96	25000	29000		23100	UGL	116.0	.0
SO4 IN WATER	TT10	CL	MXAX05X2	DV4W*240	PDRC	13-FEB-96	19-FEB-96	25000	29000		37000	UGL	116.0	10.9
SO4 IN WATER	TT10	CL	MXAX05X2	DV4W*240	PDRC	13-FEB-96	19-FEB-96	25000	26000		37000	UGL	104.0	10.9
SO4 IN WATER	TT10	CL	MXZW12X4	DV4W*276	PDQC	13-FEB-96	15-FEB-96	25000	29000		43000	UGL	116.0	.0
SO4 IN WATER	TT10	CL	MXZW12X4	DV4W*276	PDQC	13-FEB-96	15-FEB-96	25000	29000		43000	UGL	116.0	.0
		**********												
		avg											114.5	
		minimum											104.0	
		maximum											116.0	
SO4 IN WATER	TT10	SO4	MXG302X2	DV4W*164	PDQC	12-FEB-96	15-FEB-96	250000	260000		11000	UGL	104.0	.0
SO4 IN WATER	TT10	SO4	MXG302X2	DV4W*164	PDQC	12-FEB-96	15-FEB-96	250000	260000		11000	UGL	104.0	.0
SO4 IN WATER	TT10	SO4	MXAX03X2	DV4W*236	PDTC	14-FEB-96	26-FEB-96	250000	260000		14000	UGL	104.0	8.0
SO4 IN WATER	TT10	SO4	MXAX03X2	DV4W*236	PDTC	14-FEB-96	26-FEB-96	250000	240000		14000	UGL	96.0	8.0
SO4 IN WATER	TT10	SO4	MXAX05X2	DV4W*240	PDRC	13-FEB-96	19-FEB-96	250000	260000		21000	UGL	104.0	.0
SO4 IN WATER	TT10	SO4	MXAX05X2	DV4W*240	PDRC	13-FEB-96	19-FEB-96	250000	260000		21000	UGL	104.0	.0
SO4 IN WATER	TT10	SO4	MXZW12X4	DV4W*276	PDQC	13-FEB-96	15-FEB-96	250000	260000		14000	UGL	104.0	.0
SO4 IN WATER	TT10	SO4	MXZW12X4	DV4W*276	PDQC	13-FEB-96	15-FEB-96	250000	260000		14000	UGL	104.0	.0
		**********												
		avg											103.0	
		minimum											96.0	
		maximum											104.0	
	UH02	PCB016	MXAX03X2	DV4W*236	SDIB	14-FEB-96	02-MAR-96	3.75	4.15	<	.16	UGL	110.7	.5
	UH02	PCB016	MXAX03X2	DV4W*236	SDIB	14-FEB-96	02-MAR-96	3.75	4.13	<	.16	UGL	110.1	.5
	UH02	PCB016	MXZW12X4	DV4W*276	SDGB	13-FEB-96	23-FEB-96	3.75	4.29	<	.16	UGL	114.4	4.5
	UH02	PCB016	MXZW12X4	DV4W*276	SDGB	13-FEB-96	23-FEB-96	3.75	4.1	<	.16	UGL	109.3	4.5
		**********												
		avg											111.1	
		minimum											109.3	
		maximum											114.4	
	UH02	PCB260	MXAX03X2	DV4W*236	SDIB	14-FEB-96	02-MAR-96	3.75	3.79	<	.19	UGL	101.1	1.3

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
	UH02	PCB260	MXAX03X2	DV4W*236	SDIB	14-FEB-96	02-MAR-96	3.75	3.74	<	.19	UGL	99.7	1.3
	UH02	PCB260	MXZW12X4	DV4W*276	SDGB	13-FEB-96	23-FEB-96	3.75	4.21	<	.19	UGL	112.3	.5
	UH02	PCB260	MXZW12X4	DV4W*276	SDGB	13-FEB-96	23-FEB-96	3.75	4.19	<	.19	UGL	111.7	.5
		**********											----------	
		avg											106.2	
		minimum											99.7	
		maximum											112.3	
	UH13	ABNSLF	MXG302X2	DV4W*164	TDRB	12-FEB-96	08-MAR-96	.5	.465	<	.023	UGL	93.0	23.6
	UH13	ABNSLF	MXG302X2	DV4W*164	TDRB	12-FEB-96	08-MAR-96	.5	.367	<	.023	UGL	73.4	23.6
	UH13	ABNSLF	MXAX03X2	DV4W*236	TDTB	14-FEB-96	12-MAR-96	.5	.376	<	.023	UGL	75.2	3.5
	UH13	ABNSLF	MXAX03X2	DV4W*236	TDTB	14-FEB-96	12-MAR-96	.5	.363	<	.023	UGL	72.6	3.5
	UH13	ABNSLF	MXZW12X4	DV4W*276	TDRB	13-FEB-96	08-MAR-96	.5	.495	<	.023	UGL	99.0	25.8
	UH13	ABNSLF	MXZW12X4	DV4W*276	TDRB	13-FEB-96	08-MAR-96	.5	.382	<	.023	UGL	76.4	25.8
		**********											----------	
		avg											81.6	
		minimum											72.6	
		maximum											99.0	
	UH13	ALDRN	MXG302X2	DV4W*164	TDRB	12-FEB-96	08-MAR-96	.5	.587	<	.0918	UGL	117.4	29.7
	UH13	ALDRN	MXG302X2	DV4W*164	TDRB	12-FEB-96	08-MAR-96	.5	.435	<	.0918	UGL	87.0	29.7
	UH13	ALDRN	MXAX03X2	DV4W*236	TDTB	14-FEB-96	12-MAR-96	.5	.462	<	.0918	UGL	92.4	3.3
	UH13	ALDRN	MXAX03X2	DV4W*236	TDTB	14-FEB-96	12-MAR-96	.5	.447	<	.0918	UGL	89.4	3.3
	UH13	ALDRN	MXZW12X4	DV4W*276	TDRB	13-FEB-96	08-MAR-96	.5	.589	<	.0918	UGL	117.8	32.3
	UH13	ALDRN	MXZW12X4	DV4W*276	TDRB	13-FEB-96	08-MAR-96	.5	.425	<	.0918	UGL	85.0	32.3
		**********											----------	
		avg											98.2	
		minimum											85.0	
		maximum											117.8	
	UH13	BENSLF	MXG302X2	DV4W*164	TDRB	12-FEB-96	08-MAR-96	.5	.444	<	.023	UGL	88.8	30.9
	UH13	BENSLF	MXG302X2	DV4W*164	TDRB	12-FEB-96	08-MAR-96	.5	.325	<	.023	UGL	65.0	30.9
	UH13	BENSLF	MXAX03X2	DV4W*236	TDTB	14-FEB-96	12-MAR-96	.5	.397	<	.023	UGL	79.4	4.4
	UH13	BENSLF	MXAX03X2	DV4W*236	TDTB	14-FEB-96	12-MAR-96	.5	.38	<	.023	UGL	76.0	4.4
	UH13	BENSLF	MXZW12X4	DV4W*276	TDRB	13-FEB-96	08-MAR-96	.5	.472	<	.023	UGL	94.4	30.2
	UH13	BENSLF	MXZW12X4	DV4W*276	TDRB	13-FEB-96	08-MAR-96	.5	.348	<	.023	UGL	69.6	30.2

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
		**********												
		avg											78.9	
		minimum											65.0	
		maximum											94.4	
	UH13	DLDRN	MXG302X2	DV4W*164	TDRE	12-FEB-96	08-MAR-96	.5	.449	<	.024	UGL	89.8	25.9
	UH13	DLDRN	MXG302X2	DV4W*164	TDRE	12-FEB-96	08-MAR-96	.5	.346	<	.024	UGL	69.2	25.9
	UH13	DLDRN	MXAX03X2	DV4W*236	TDTE	14-FEB-96	12-MAR-96	.5	.372	<	.024	UGL	74.4	3.8
	UH13	DLDRN	MXAX03X2	DV4W*236	TDTE	14-FEB-96	12-MAR-96	.5	.358	<	.024	UGL	71.6	3.8
	UH13	DLDRN	MXZW12X4	DV4W*276	TDRE	13-FEB-96	08-MAR-96	.5	.478	<	.024	UGL	95.6	27.6
	UH13	DLDRN	MXZW12X4	DV4W*276	TDRE	13-FEB-96	08-MAR-96	.5	.362	<	.024	UGL	72.4	27.6
		**********												
		avg											78.8	
		minimum											69.2	
		maximum											95.6	
	UH13	ENDRN	MXG302X2	DV4W*164	TDRE	12-FEB-96	08-MAR-96	.5	.387	<	.0238	UGL	77.4	28.0
	UH13	ENDRN	MXG302X2	DV4W*164	TDRE	12-FEB-96	08-MAR-96	.5	.292	<	.0238	UGL	58.4	28.0
	UH13	ENDRN	MXAX03X2	DV4W*236	TDTE	14-FEB-96	12-MAR-96	.5	.377	<	.0238	UGL	75.4	4.3
	UH13	ENDRN	MXAX03X2	DV4W*236	TDTE	14-FEB-96	12-MAR-96	.5	.361	<	.0238	UGL	72.2	4.3
	UH13	ENDRN	MXZW12X4	DV4W*276	TDRE	13-FEB-96	08-MAR-96	.5	.413	<	.0238	UGL	82.6	28.5
	UH13	ENDRN	MXZW12X4	DV4W*276	TDRE	13-FEB-96	08-MAR-96	.5	.31	<	.0238	UGL	62.0	28.5
		**********												
		avg											71.3	
		minimum											58.4	
		maximum											82.6	
	UH13	HPCL	MXG302X2	DV4W*164	TDRE	12-FEB-96	08-MAR-96	.5	.496	<	.0423	UGL	99.2	24.9
	UH13	HPCL	MXG302X2	DV4W*164	TDRE	12-FEB-96	08-MAR-96	.5	.386	<	.0423	UGL	77.2	24.9
	UH13	HPCL	MXAX03X2	DV4W*236	TDTE	14-FEB-96	12-MAR-96	.5	.411	<	.0423	UGL	82.2	2.2
	UH13	HPCL	MXAX03X2	DV4W*236	TDTE	14-FEB-96	12-MAR-96	.5	.402	<	.0423	UGL	80.4	2.2
	UH13	HPCL	MXZW12X4	DV4W*276	TDRE	13-FEB-96	08-MAR-96	.5	.524	<	.0423	UGL	104.8	29.1
	UH13	HPCL	MXZW12X4	DV4W*276	TDRE	13-FEB-96	08-MAR-96	.5	.391	<	.0423	UGL	78.2	29.1
		**********												
		avg											87.0	
		minimum											77.2	
		maximum											104.8	

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
	UH13	ISODR	MXG302X2	DV4W*164	TDRB	12-FEB-96	08-MAR-96	1	.937	<	.0562	UGL	93.7	24.4
	UH13	ISODR	MXG302X2	DV4W*164	TDRB	12-FEB-96	08-MAR-96	1	.733	<	.0562	UGL	73.3	24.4
	UH13	ISODR	MXAX03X2	DV4W*236	TDTB	14-FEB-96	12-MAR-96	1	.746	<	.0562	UGL	74.6	2.0
	UH13	ISODR	MXAX03X2	DV4W*236	TDTB	14-FEB-96	12-MAR-96	1	.731	<	.0562	UGL	73.1	2.0
	UH13	ISODR	MXZW12X4	DV4W*276	TDRB	13-FEB-96	08-MAR-96	1	.986	<	.0562	UGL	98.6	27.7
	UH13	ISODR	MXZW12X4	DV4W*276	TDRB	13-FEB-96	08-MAR-96	1	.746	<	.0562	UGL	74.6	27.7
		**********											----------	
		avg											81.3	
		minimum											73.1	
		maximum											98.6	
	UH13	LIN	MXG302X2	DV4W*164	TDRB	12-FEB-96	08-MAR-96	.5	.334	<	.0507	UGL	66.8	22.8
	UH13	LIN	MXG302X2	DV4W*164	TDRB	12-FEB-96	08-MAR-96	.5	.42	<	.0507	UGL	84.0	22.8
	UH13	LIN	MXAX03X2	DV4W*236	TDTB	14-FEB-96	12-MAR-96	.5	.33	<	.0507	UGL	66.0	3.1
	UH13	LIN	MXAX03X2	DV4W*236	TDTB	14-FEB-96	12-MAR-96	.5	.32	<	.0507	UGL	64.0	3.1
	UH13	LIN	MXZW12X4	DV4W*276	TDRB	13-FEB-96	08-MAR-96	.5	.452	<	.0507	UGL	90.4	27.1
	UH13	LIN	MXZW12X4	DV4W*276	TDRB	13-FEB-96	08-MAR-96	.5	.344	<	.0507	UGL	68.8	27.1
		**********											----------	
		avg											73.3	
		minimum											64.0	
		maximum											90.4	
	UH13	MEXCLR	MXG302X2	DV4W*164	TDRB	12-FEB-96	08-MAR-96	1	.921	<	.057	UGL	92.1	48.8
	UH13	MEXCLR	MXG302X2	DV4W*164	TDRB	12-FEB-96	08-MAR-96	1	.56	<	.057	UGL	56.0	48.8
	UH13	MEXCLR	MXAX03X2	DV4W*236	TDTB	14-FEB-96	12-MAR-96	1	.944	<	.057	UGL	94.4	5.8
	UH13	MEXCLR	MXAX03X2	DV4W*236	TDTB	14-FEB-96	12-MAR-96	1	1	<	.057	UGL	100.0	5.8
	UH13	MEXCLR	MXZW12X4	DV4W*276	TDRB	13-FEB-96	08-MAR-96	1	.952	<	.057	UGL	95.2	38.1
	UH13	MEXCLR	MXZW12X4	DV4W*276	TDRB	13-FEB-96	08-MAR-96	1	.647	<	.057	UGL	64.7	38.1
		**********											----------	
		avg											83.7	
		minimum											56.0	
		maximum											100.0	
	UH13	PPDDT	MXG302X2	DV4W*164	TDRB	12-FEB-96	08-MAR-96	.5	.509	<	.034	UGL	101.8	36.7
	UH13	PPDDT	MXG302X2	DV4W*164	TDRB	12-FEB-96	08-MAR-96	.5	.351	<	.034	UGL	70.2	36.7
	UH13	PPDDT	MXAX03X2	DV4W*236	TDTB	14-FEB-96	12-MAR-96	.5	.463	<	.034	UGL	92.6	3.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

MS/MSD

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Units	Percent Recovery	RPD
	UH13	PPDDT	MXAX03X2	DV4W*236	TDTE	14-FEB-96	12-MAR-96	.5	.446	<	.034	UGL	89.2	3.7
	UH13	PPDDT	MXZW12X4	DV4W*276	TDRE	13-FEB-96	08-MAR-96	.5	.531	<	.034	UGL	106.2	31.6
	UH13	PPDDT	MXZW12X4	DV4W*276	TDRE	13-FEB-96	08-MAR-96	.5	.386	<	.034	UGL	77.2	31.6
		***********											----------	
		avg											89.5	
		minimum											70.2	
		maximum											106.2	

SQL> spool off;

TABLE D-12
ELEMENTS WITH MATRIX SPIKE RECOVERIES IN WATER
OUTSIDE USEPA CRITERIA

1995 AOC 57, 63AX, 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

ELEMENT	FREQUENCY OF RECOVERY OUTSIDE USEPA CLP LIMITS [1]	RECOVERY RANGE
Groundwater		
Mercury [1]	2/12	70.8 - 72.8
Arsenic [1]	1/16	128
Antimony [1]	1/16	74.5
Calcium [1]	1/16	134
Iron [1]	5/16	49 - 145
Manganese [1]	2/16	58.8 - 71.6
Lead [2]	4/16	52.8 - 55.3
Selenium [2]	4/16	35.2 - 53.6
Arsenic [2]	1/16	135.7
Antimony [2]	6/16	39.5 - 74.9
Manganese [2]	1/16	133.4
Surface Water		
Iron [1]	1/4	129

[1] = Spike results from the 1995 Fort Devens Site Investigation.
[2] = Spike results from the Round 2 Groundwater sampling event.

TABLE D-13

ELEMENTS WITH MATRIX SPIKE RECOVERIES IN SOIL OUTSIDE USEPA CLP LIMITS

1995 AOC 57, 63AX, 69W REMEDIAL INVESTIGATION FORT DEVENS, MASSACHUSETTS

ELEMENT	FREQUENCY OF RECOVERY OUTSIDE USEPA CLP LIMITS	RECOVERY RANGE
Mercury	2/10	39.2 - 41.7
Aluminum	10/10	0.9 - 504.7
Iron	10/10	0.4 - 462.3
Selenium	6/10	60.0 - 134.5
Lead by GFAA	6/6	23.7 - 140.5
Arsenic	6/10	28.4 - 186.3
Manganese	7/10	4.0 - 477.4
Nickel	1/10	128.3

Table D-14

Elements with Matrix Spike Recoveries in Sediment Outside USEPA Criteria

1995 AOC 57, 63AX, 69W Remedial Investigation Fort Devens, Massachusetts

Element	Frequency of Recovery Outside USEPA CLP Limits	Recovery Range
Arsenic	2/4	12.4 - 12.6
Antimony	2/4	126.0 - 126.7
Manganese	1/4	4.1
Aluminum	4/4	0.5 - 1.2
Iron	4/4	0.2 - 48.7

TABLE D-15

PESTICIDE AND PCBs WITH SOIL MATRIX SPIKE RECOVERIES OUTSIDE USEPA CLP LIMITS

1995 AOC 57, 63AX, 69W REMEDIAL INVESTIGATION FORT DEVENS, MASSACHUSETTS

ELEMENT	FREQUENCY OF RECOVERY OUTSIDE USEPA CLP LIMITS	RECOVERY RANGE
Endosulfan II	2/8	169.8 - 181.1
Aroclor 1260	2/8	226 - 226.0
4,4-DDT	2/8	143.8 - 153.4

Table D-16

Hardness Data with Matrix Spike Recoveries in Water Samples Outside Control Limits

1995 AOC 57, 63AX, 69W Remedial Investigation Fort Devens, Massachusetts

Element	Frequency of Recovery Outside USEPA CLP Limits	Recovery Range
Groundwater		
Hardness [1]	6/10	1.3 - 35.0
Hardness [2]	2/10	17.1 - 23.1

[1] = Data collected during the 1995 Fort Devens Field Investigation.
[2] = Data collected during the 1996 Round 2 Groundwater sampling event.

Table D-17
USEPA CLP Surrogate Recovery Criteria for SVOCS

1995 AOC 57, 63AX, 69W Remedial Investigation
Fort Devens, Massachusetts

Surrogate	Percent Recovery Limits for Water	Percent Recovery Limits for Soil
2-Fluorophenol	21% to 100%	25% to 121%
Phenol-D6	10% to 94%	24% to 113%
2,4,6-Tribromophenol	10% to 123%	19% to 122%
Nitrobenzene-D5	35% to 114%	23% to 120%
2-Fluorobiphenyl	43% to 116%	30% to 115%
Terphenyl-D14	33% to 141%	18% to 137%

Table D-18
USEPA CLP Surrogate Recovery Criteria for VOCS

1995 AOC 57, 63AX, 69W Remedial Investigation
Fort Devens, Massachusetts

Surrogate	Percent Recovery Limits for Water	Percent Recovery Limits for Soil
1,2-Dichloroethane-D4	76% to 114%	70% to 121%
4-Bromofluorobenzene	86% to 115%	74% to 121%
Toluene-D8	88% to 110%	81% to 117%

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
HARDNESS	1302	HARD	MXAX03X1	DV4W*235	PJNW	31-OCT-95	09-NOV-95		18000	UGL	178.9
HARDNESS	1302	HARD	MDAX03X1	DV4W*447	PJNW	31-OCT-95	09-NOV-95	<	1000	UGL	178.9
HARDNESS	1302	HARD	MDG307X1	DV4W*448	PJNW	31-OCT-95	09-NOV-95		36000	UGL	5.7
HARDNESS	1302	HARD	MXG307X1	DV4W*165	PJNW	31-OCT-95	09-NOV-95		34000	UGL	5.7
HARDNESS	1302	HARD	MDZW12X3	DV4W*450	PJNW	02-NOV-95	09-NOV-95		60000	UGL	0.0
HARDNESS	1302	HARD	MXZW12X3	DV4W*275	PJNW	02-NOV-95	09-NOV-95		60000	UGL	0.0
HARDNESS	1302	HARD	WX5703XX	DV4W*202	PJKV	13-SEP-95	26-SEP-95		132000	UGL	32.6
HARDNESS	1302	HARD	WD5703XX	DV4W*432	PJKV	13-SEP-95	26-SEP-95		95000	UGL	32.6
ALKALINITY	3101	ALK	MXAX03X1	DV4W*235	PJLW	31-OCT-95	09-NOV-95		232000	UGL	5.3
ALKALINITY	3101	ALK	MDAX03X1	DV4W*447	PJLW	31-OCT-95	09-NOV-95		220000	UGL	5.3
ALKALINITY	3101	ALK	MDG307X1	DV4W*448	PJLW	31-OCT-95	09-NOV-95		13000	UGL	8.0
ALKALINITY	3101	ALK	MXG307X1	DV4W*165	PJLW	31-OCT-95	09-NOV-95		12000	UGL	8.0
ALKALINITY	3101	ALK	MDZW12X3	DV4W*450	PJOW	02-NOV-95	13-NOV-95		48000	UGL	15.7
ALKALINITY	3101	ALK	MXZW12X3	DV4W*275	PJOW	02-NOV-95	13-NOV-95		41000	UGL	15.7
ALKALINITY	3101	ALK	WD5703XX	DV4W*432	PJGU	13-SEP-95	22-SEP-95		35000	UGL	2.9
ALKALINITY	3101	ALK	WX5703XX	DV4W*202	PJGU	13-SEP-95	22-SEP-95		34000	UGL	2.9
TOC IN SOIL	9060	TOC	BDAX0410	DV4S*439	ZENJ	25-SEP-95	16-OCT-95		520	UGG	12.7
TOC IN SOIL	9060	TOC	BXAX0410	DV4S*227	ZENJ	25-SEP-95	16-OCT-95		458	UGG	12.7
TOC IN SOIL	9060	TOC	DD570300	DV4S*431	ZEJJ	13-SEP-95	09-OCT-95		293000	UGG	3.5
TOC IN SOIL	9060	TOC	DX570300	DV4S*187	ZEJJ	13-SEP-95	09-OCT-95		283000	UGG	3.5
TOC IN SOIL	9060	TOC	DXZW0100	DV4S*289	ZEHJ	11-SEP-95	03-OCT-95		12400	UGG	50.3
TOC IN SOIL	9060	TOC	DDZW0100	DV4S*400	ZEHJ	11-SEP-95	03-OCT-95		7420	UGG	50.3
TPH	9071	TPHC	BDAX0215	DV4S*442	ZEPJ	27-SEP-95	18-OCT-95		69	UGG	2.9
TPH	9071	TPHC	BXAX0215	DV4S*217	ZEPJ	27-SEP-95	18-OCT-95		67	UGG	2.9
TPH	9071	TPHC	BXZW0100	DV4S*246	ZEMJ	19-SEP-95	10-OCT-95		661	UGG	10.0
TPH	9071	TPHC	BXZW0100	DV4S*435	ZEMJ	19-SEP-95	10-OCT-95		598	UGG	10.0
TPH	9071	TPHC	DD570300	DV4S*431	ZEKJ	13-SEP-95	09-OCT-95		212	UGG	13.1

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
TPH	9071	TPHC	DX570300	DV4S*187	ZEIJ	13-SEP-95	04-OCT-95		186	UGG	13.1
TPH	9071	TPHC	DXZW0100	DV4S*289	ZEIJ	11-SEP-95	04-OCT-95		896	UGG	85.4
TPH	9071	TPHC	DDZW0100	DV4S*400	ZEIJ	11-SEP-95	04-OCT-95		360	UGG	85.4
TPH	9071	TPHC	EX570405	DV4S*104	ZEMJ	19-SEP-95	10-OCT-95	<	27.6	UGG	15.6
TPH	9071	TPHC	ED570405	DV4S*436	ZEMJ	19-SEP-95	10-OCT-95		23.6	UGG	15.6
HG IN SOIL BY GFAA	JB01	HG	BXAX0215	DV4S*217	QHWE	27-SEP-95	19-OCT-95	<	.05	UGG	0.0
HG IN SOIL BY GFAA	JB01	HG	BDAX0215	DV4S*442	QHWE	27-SEP-95	19-OCT-95	<	.05	UGG	0.0
HG IN SOIL BY GFAA	JB01	HG	BXZW0100	DV4S*246	QHUE	19-SEP-95	11-OCT-95	<	.05	UGG	0.0
HG IN SOIL BY GFAA	JB01	HG	BXZW0100	DV4S*435	QHUE	19-SEP-95	11-OCT-95	<	.05	UGG	0.0
HG IN SOIL BY GFAA	JB01	HG	DD570300	DV4S*431	QHTE	13-SEP-95	06-OCT-95		.273	UGG	138.1
HG IN SOIL BY GFAA	JB01	HG	DX570300	DV4S*187	QHTE	13-SEP-95	06-OCT-95	<	.05	UGG	138.1
HG IN SOIL BY GFAA	JB01	HG	DXZW0100	DV4S*289	QHTE	11-SEP-95	06-OCT-95	<	.05	UGG	0.0
HG IN SOIL BY GFAA	JB01	HG	DDZW0100	DV4S*400	QHTE	11-SEP-95	06-OCT-95	<	.05	UGG	0.0
HG IN SOIL BY GFAA	JB01	HG	ED570405	DV4S*436	QHUE	19-SEP-95	11-OCT-95	<	.05	UGG	0.0
HG IN SOIL BY GFAA	JB01	HG	EX570405	DV4S*104	QHUE	19-SEP-95	11-OCT-95	<	.05	UGG	0.0
SE IN SOIL BY GFAA	JD15	SE	BXAX0215	DV4S*217	MBSE	27-SEP-95	23-OCT-95	<	.25	UGG	0.0
SE IN SOIL BY GFAA	JD15	SE	BDAX0215	DV4S*442	MBSE	27-SEP-95	23-OCT-95	<	.25	UGG	0.0
SE IN SOIL BY GFAA	JD15	SE	BXZW0100	DV4S*246	MBQE	19-SEP-95	16-OCT-95	<	.25	UGG	0.0
SE IN SOIL BY GFAA	JD15	SE	BXZW0100	DV4S*435	MBQE	19-SEP-95	16-OCT-95	<	.25	UGG	0.0
SE IN SOIL BY GFAA	JD15	SE	DX570300	DV4S*187	MBPE	13-SEP-95	08-OCT-95		3.24	UGG	2.8
SE IN SOIL BY GFAA	JD15	SE	DD570300	DV4S*431	MBPE	13-SEP-95	09-OCT-95		3.15	UGG	2.8
SE IN SOIL BY GFAA	JD15	SE	DXZW0100	DV4S*289	MBPE	11-SEP-95	08-OCT-95	<	.25	UGG	0.0
SE IN SOIL BY GFAA	JD15	SE	DDZW0100	DV4S*400	MBPE	11-SEP-95	09-OCT-95	<	.25	UGG	0.0
SE IN SOIL BY GFAA	JD15	SE	ED570405	DV4S*436	MBQE	19-SEP-95	16-OCT-95	<	.25	UGG	0.0
SE IN SOIL BY GFAA	JD15	SE	EX570405	DV4S*104	MBQE	19-SEP-95	16-OCT-95	<	.25	UGG	0.0
PB IN SOIL BY GFAA	JD17	PB	BDAX0215	DV4S*442	OBSE	27-SEP-95	22-OCT-95		7.82	UGG	17.3
PB IN SOIL BY GFAA	JD17	PB	BXAX0215	DV4S*217	OBSE	27-SEP-95	22-OCT-95		9.3	UGG	17.3

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
PB IN SOIL BY GFAA	JD17	PB	BXZW0100	DV4S*435	OBQE	19-SEP-95	16-OCT-95		7.53	UGG	8.6
PB IN SOIL BY GFAA	JD17	PB	BXZW0100	DV4S*246	OBQE	19-SEP-95	16-OCT-95		6.91	UGG	8.6
PB IN SOIL BY GFAA	JD17	PB	EX570405	DV4S*104	OBQE	19-SEP-95	16-OCT-95		1.83	UGG	1.1
PB IN SOIL BY GFAA	JD17	PB	ED570405	DV4S*436	OBQE	19-SEP-95	16-OCT-95		1.81	UGG	1.1
AS IN SOIL BY GFAA	JD19	AS	BDAX0215	DV4S*442	QBXE	27-SEP-95	24-OCT-95		11.7	UGG	52.4
AS IN SOIL BY GFAA	JD19	AS	BXAX0215	DV4S*217	QBXE	27-SEP-95	24-OCT-95		20	UGG	52.4
AS IN SOIL BY GFAA	JD19	AS	BXZW0100	DV4S*435	QBVE	19-SEP-95	18-OCT-95		10.6	UGG	27.6
AS IN SOIL BY GFAA	JD19	AS	BXZW0100	DV4S*246	QBVE	19-SEP-95	18-OCT-95		14	UGG	27.6
AS IN SOIL BY GFAA	JD19	AS	DX570300	DV4S*187	QBUE	13-SEP-95	08-OCT-95		180	UGG	40.0
AS IN SOIL BY GFAA	JD19	AS	DD570300	DV4S*431	QBUE	13-SEP-95	08-OCT-95		120	UGG	40.0
AS IN SOIL BY GFAA	JD19	AS	DXZW0100	DV4S*289	QBUE	11-SEP-95	08-OCT-95		9.95	UGG	16.7
AS IN SOIL BY GFAA	JD19	AS	DDZW0100	DV4S*400	QBUE	11-SEP-95	08-OCT-95		8.42	UGG	16.7
AS IN SOIL BY GFAA	JD19	AS	EX570405	DV4S*104	QBVE	19-SEP-95	18-OCT-95		9.68	UGG	10.0
AS IN SOIL BY GFAA	JD19	AS	ED570405	DV4S*436	QBVE	19-SEP-95	18-OCT-95		10.7	UGG	10.0
TL IN SOIL BY GFAA	JD24	TL	BXAX0215	DV4S*217	RBGB	27-SEP-95	22-OCT-95	<	.5	UGG	0.0
TL IN SOIL BY GFAA	JD24	TL	BDAX0215	DV4S*442	RBGB	27-SEP-95	22-OCT-95	<	.5	UGG	0.0
TL IN SOIL BY GFAA	JD24	TL	BXZW0100	DV4S*246	RBFB	19-SEP-95	15-OCT-95	<	.5	UGG	0.0
TL IN SOIL BY GFAA	JD24	TL	BXZW0100	DV4S*435	RBFB	19-SEP-95	15-OCT-95	<	.5	UGG	0.0
TL IN SOIL BY GFAA	JD24	TL	DX570300	DV4S*187	RBEB	13-SEP-95	09-OCT-95	<	.5	UGG	0.0
TL IN SOIL BY GFAA	JD24	TL	DD570300	DV4S*431	RBEB	13-SEP-95	09-OCT-95	<	.5	UGG	0.0
TL IN SOIL BY GFAA	JD24	TL	DXZW0100	DV4S*289	RBEB	11-SEP-95	09-OCT-95	<	.5	UGG	0.0
TL IN SOIL BY GFAA	JD24	TL	DDZW0100	DV4S*400	RBEB	11-SEP-95	09-OCT-95	<	.5	UGG	0.0
TL IN SOIL BY GFAA	JD24	TL	ED570405	DV4S*436	RBFB	19-SEP-95	15-OCT-95	<	.5	UGG	0.0
TL IN SOIL BY GFAA	JD24	TL	EX570405	DV4S*104	RBFB	19-SEP-95	15-OCT-95	<	.5	UGG	0.0
SB IN SOIL BY GFAA	JD25	SB	BXAX0215	DV4S*217	SBOB	27-SEP-95	25-OCT-95	<	1.09	UGG	0.0
SB IN SOIL BY GFAA	JD25	SB	BDAX0215	DV4S*442	SBOB	27-SEP-95	25-OCT-95	<	1.09	UGG	0.0
SB IN SOIL BY GFAA	JD25	SB	BXZW0100	DV4S*246	SBNB	19-SEP-95	18-OCT-95	<	1.09	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
SB IN SOIL BY GFAA	JD25	SB	BXZW0100	DV4S*435	SBNB	19-SEP-95	18-OCT-95	<	1.09	UGG	0.0
SB IN SOIL BY GFAA	JD25	SB	DD570300	DV4S*431	SBMB	13-SEP-95	19-OCT-95	<	1.09	UGG	0.0
SB IN SOIL BY GFAA	JD25	SB	DX570300	DV4S*187	SBMB	13-SEP-95	19-OCT-95	<	1.09	UGG	0.0
SB IN SOIL BY GFAA	JD25	SB	DXZW0100	DV4S*289	SBMB	11-SEP-95	19-OCT-95	<	1.09	UGG	0.0
SB IN SOIL BY GFAA	JD25	SB	DDZW0100	DV4S*400	SBMB	11-SEP-95	19-OCT-95	<	1.09	UGG	0.0
SB IN SOIL BY GFAA	JD25	SB	ED570405	DV4S*436	SBNB	19-SEP-95	18-OCT-95	<	1.09	UGG	0.0
SB IN SOIL BY GFAA	JD25	SB	EX570405	DV4S*104	SBNB	19-SEP-95	18-OCT-95	<	1.09	UGG	0.0
METALS IN SOIL BY ICAP	JS16	AG	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95	<	.589	UGG	0.0
METALS IN SOIL BY ICAP	JS16	AG	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95	<	.589	UGG	0.0
METALS IN SOIL BY ICAP	JS16	AG	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95	<	.589	UGG	0.0
METALS IN SOIL BY ICAP	JS16	AG	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95	<	.589	UGG	0.0
METALS IN SOIL BY ICAP	JS16	AG	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95	<	.589	UGG	0.0
METALS IN SOIL BY ICAP	JS16	AG	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95	<	.589	UGG	0.0
METALS IN SOIL BY ICAP	JS16	AG	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95	<	.589	UGG	0.0
METALS IN SOIL BY ICAP	JS16	AG	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95	<	.589	UGG	0.0
METALS IN SOIL BY ICAP	JS16	AG	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95	<	.589	UGG	0.0
METALS IN SOIL BY ICAP	JS16	AG	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95	<	.589	UGG	0.0
METALS IN SOIL BY ICAP	JS16	AL	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95		9430	UGG	38.3
METALS IN SOIL BY ICAP	JS16	AL	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95		6400	UGG	38.3
METALS IN SOIL BY ICAP	JS16	AL	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95		6140	UGG	7.6
METALS IN SOIL BY ICAP	JS16	AL	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95		5690	UGG	7.6
METALS IN SOIL BY ICAP	JS16	AL	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95		14700	UGG	26.2
METALS IN SOIL BY ICAP	JS16	AL	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95		11300	UGG	26.2
METALS IN SOIL BY ICAP	JS16	AL	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95		6010	UGG	13.7
METALS IN SOIL BY ICAP	JS16	AL	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95		5240	UGG	13.7
METALS IN SOIL BY ICAP	JS16	AL	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95		2750	UGG	.7
METALS IN SOIL BY ICAP	JS16	AL	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95		2730	UGG	.7
METALS IN SOIL BY ICAP	JS16	BA	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95		18.6	UGG	61.2
METALS IN SOIL BY ICAP	JS16	BA	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95		35	UGG	61.2

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
METALS IN SOIL BY ICAP	JS16	BA	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95		19	UGG	11.1
METALS IN SOIL BY ICAP	JS16	BA	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95		17	UGG	11.1
METALS IN SOIL BY ICAP	JS16	BA	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95		67.1	UGG	57.3
METALS IN SOIL BY ICAP	JS16	BA	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95		121	UGG	57.3
METALS IN SOIL BY ICAP	JS16	BA	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95		18.6	UGG	23.4
METALS IN SOIL BY ICAP	JS16	BA	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95		14.7	UGG	23.4
METALS IN SOIL BY ICAP	JS16	BA	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95		11.3	UGG	10.2
METALS IN SOIL BY ICAP	JS16	BA	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95		10.2	UGG	10.2
METALS IN SOIL BY ICAP	JS16	BE	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95	<	.5	UGG	0.0
METALS IN SOIL BY ICAP	JS16	BE	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95	<	.5	UGG	0.0
METALS IN SOIL BY ICAP	JS16	BE	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95		.565	UGG	12.2
METALS IN SOIL BY ICAP	JS16	BE	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95	<	.5	UGG	12.2
METALS IN SOIL BY ICAP	JS16	BE	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95	<	.5	UGG	0.0
METALS IN SOIL BY ICAP	JS16	BE	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95	<	.5	UGG	0.0
METALS IN SOIL BY ICAP	JS16	BE	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95	<	.5	UGG	0.0
METALS IN SOIL BY ICAP	JS16	BE	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95	<	.5	UGG	0.0
METALS IN SOIL BY ICAP	JS16	BE	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95	<	.5	UGG	0.0
METALS IN SOIL BY ICAP	JS16	BE	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95	<	.5	UGG	0.0
METALS IN SOIL BY ICAP	JS16	CA	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95		10900	UGG	31.9
METALS IN SOIL BY ICAP	JS16	CA	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95		7900	UGG	31.9
METALS IN SOIL BY ICAP	JS16	CA	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95		803	UGG	28.9
METALS IN SOIL BY ICAP	JS16	CA	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95		600	UGG	28.9
METALS IN SOIL BY ICAP	JS16	CA	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95		10300	UGG	17.2
METALS IN SOIL BY ICAP	JS16	CA	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95		8670	UGG	17.2
METALS IN SOIL BY ICAP	JS16	CA	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95		992	UGG	3.6
METALS IN SOIL BY ICAP	JS16	CA	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95		957	UGG	3.6
METALS IN SOIL BY ICAP	JS16	CA	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95		205	UGG	15.2
METALS IN SOIL BY ICAP	JS16	CA	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95		176	UGG	15.2
METALS IN SOIL BY ICAP	JS16	CD	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95	<	.7	UGG	0.0
METALS IN SOIL BY ICAP	JS16	CD	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95	<	.7	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
METALS IN SOIL BY ICAP	JS16	CD	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95	<	.7	UGG	0.0
METALS IN SOIL BY ICAP	JS16	CD	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95	<	.7	UGG	0.0
METALS IN SOIL BY ICAP	JS16	CD	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95	<	.7	UGG	0.0
METALS IN SOIL BY ICAP	JS16	CD	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95	<	.7	UGG	0.0
METALS IN SOIL BY ICAP	JS16	CD	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95	<	.7	UGG	0.0
METALS IN SOIL BY ICAP	JS16	CD	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95	<	.7	UGG	0.0
METALS IN SOIL BY ICAP	JS16	CD	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95	<	.7	UGG	0.0
METALS IN SOIL BY ICAP	JS16	CD	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95	<	.7	UGG	0.0
METALS IN SOIL BY ICAP	JS16	CO	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95		8.18	UGG	17.6
METALS IN SOIL BY ICAP	JS16	CO	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95		6.86	UGG	17.6
METALS IN SOIL BY ICAP	JS16	CO	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95		4.81	UGG	16.4
METALS IN SOIL BY ICAP	JS16	CO	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95		4.08	UGG	16.4
METALS IN SOIL BY ICAP	JS16	CO	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95		29.9	UGG	88.9
METALS IN SOIL BY ICAP	JS16	CO	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95		11.5	UGG	88.9
METALS IN SOIL BY ICAP	JS16	CO	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95		4.17	UGG	15.8
METALS IN SOIL BY ICAP	JS16	CO	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95		3.56	UGG	15.8
METALS IN SOIL BY ICAP	JS16	CO	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95		1.82	UGG	8.6
METALS IN SOIL BY ICAP	JS16	CO	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95		1.67	UGG	8.6
METALS IN SOIL BY ICAP	JS16	CR	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95		24.3	UGG	46.7
METALS IN SOIL BY ICAP	JS16	CR	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95		15.1	UGG	46.7
METALS IN SOIL BY ICAP	JS16	CR	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95		16.4	UGG	15.1
METALS IN SOIL BY ICAP	JS16	CR	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95		14.1	UGG	15.1
METALS IN SOIL BY ICAP	JS16	CR	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95		45.2	UGG	14.5
METALS IN SOIL BY ICAP	JS16	CR	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95		39.1	UGG	14.5
METALS IN SOIL BY ICAP	JS16	CR	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95		35.5	UGG	28.3
METALS IN SOIL BY ICAP	JS16	CR	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95		26.7	UGG	28.3
METALS IN SOIL BY ICAP	JS16	CR	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95	<	4.05	UGG	0.0
METALS IN SOIL BY ICAP	JS16	CR	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95	<	4.05	UGG	0.0
METALS IN SOIL BY ICAP	JS16	CU	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95		13.7	UGG	15.5
METALS IN SOIL BY ICAP	JS16	CU	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95		16	UGG	15.5

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
METALS IN SOIL BY ICAP	JS16	CU	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95		9.43	UGG	23.2
METALS IN SOIL BY ICAP	JS16	CU	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95		7.47	UGG	23.2
METALS IN SOIL BY ICAP	JS16	CU	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95		42.6	UGG	103.7
METALS IN SOIL BY ICAP	JS16	CU	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95		13.5	UGG	103.7
METALS IN SOIL BY ICAP	JS16	CU	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95		25.1	UGG	9.6
METALS IN SOIL BY ICAP	JS16	CU	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95		22.8	UGG	9.6
METALS IN SOIL BY ICAP	JS16	CU	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95		3.33	UGG	2.1
METALS IN SOIL BY ICAP	JS16	CU	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95		3.26	UGG	2.1
METALS IN SOIL BY ICAP	JS16	FE	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95		18600	UGG	13.2
METALS IN SOIL BY ICAP	JS16	FE	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95		16300	UGG	13.2
METALS IN SOIL BY ICAP	JS16	FE	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95		10300	UGG	24.3
METALS IN SOIL BY ICAP	JS16	FE	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95		8070	UGG	24.3
METALS IN SOIL BY ICAP	JS16	FE	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95		31500	UGG	16.5
METALS IN SOIL BY ICAP	JS16	FE	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95		26700	UGG	16.5
METALS IN SOIL BY ICAP	JS16	FE	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95		15400	UGG	21.6
METALS IN SOIL BY ICAP	JS16	FE	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95		12400	UGG	21.6
METALS IN SOIL BY ICAP	JS16	FE	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95		4550	UGG	5.6
METALS IN SOIL BY ICAP	JS16	FE	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95		4300	UGG	5.6
METALS IN SOIL BY ICAP	JS16	K	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95		1610	UGG	77.6
METALS IN SOIL BY ICAP	JS16	K	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95		710	UGG	77.6
METALS IN SOIL BY ICAP	JS16	K	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95		872	UGG	24.2
METALS IN SOIL BY ICAP	JS16	K	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95		684	UGG	24.2
METALS IN SOIL BY ICAP	JS16	K	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95		1060	UGG	41.5
METALS IN SOIL BY ICAP	JS16	K	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95		696	UGG	41.5
METALS IN SOIL BY ICAP	JS16	K	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95		783	UGG	39.4
METALS IN SOIL BY ICAP	JS16	K	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95		525	UGG	39.4
METALS IN SOIL BY ICAP	JS16	K	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95		428	UGG	21.8
METALS IN SOIL BY ICAP	JS16	K	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95		344	UGG	21.8
METALS IN SOIL BY ICAP	JS16	MG	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95		4830	UGG	23.1
METALS IN SOIL BY ICAP	JS16	MG	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95		3830	UGG	23.1

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
METALS IN SOIL BY ICAP	JS16	MG	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95		2150	UGG	7.7
METALS IN SOIL BY ICAP	JS16	MG	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95		1990	UGG	7.7
METALS IN SOIL BY ICAP	JS16	MG	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95		4130	UGG	16.5
METALS IN SOIL BY ICAP	JS16	MG	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95		3500	UGG	16.5
METALS IN SOIL BY ICAP	JS16	MG	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95		3100	UGG	9.8
METALS IN SOIL BY ICAP	JS16	MG	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95		2810	UGG	9.8
METALS IN SOIL BY ICAP	JS16	MG	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95		896	UGG	5.5
METALS IN SOIL BY ICAP	JS16	MG	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95		848	UGG	5.5
METALS IN SOIL BY ICAP	JS16	MN	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95		385	UGG	1.3
METALS IN SOIL BY ICAP	JS16	MN	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95		380	UGG	1.3
METALS IN SOIL BY ICAP	JS16	MN	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95		228	UGG	40.0
METALS IN SOIL BY ICAP	JS16	MN	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95		152	UGG	40.0
METALS IN SOIL BY ICAP	JS16	MN	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95		2070	UGG	99.5
METALS IN SOIL BY ICAP	JS16	MN	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95		695	UGG	99.5
METALS IN SOIL BY ICAP	JS16	MN	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95		230	UGG	28.9
METALS IN SOIL BY ICAP	JS16	MN	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95		172	UGG	28.9
METALS IN SOIL BY ICAP	JS16	MN	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95		231	UGG	2.2
METALS IN SOIL BY ICAP	JS16	MN	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95		226	UGG	2.2
METALS IN SOIL BY ICAP	JS16	NA	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95		351	UGG	5.9
METALS IN SOIL BY ICAP	JS16	NA	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95		331	UGG	5.9
METALS IN SOIL BY ICAP	JS16	NA	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95		374	UGG	20.3
METALS IN SOIL BY ICAP	JS16	NA	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95		305	UGG	20.3
METALS IN SOIL BY ICAP	JS16	NA	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95		1780	UGG	178.7
METALS IN SOIL BY ICAP	JS16	NA	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95	<	100	UGG	178.7
METALS IN SOIL BY ICAP	JS16	NA	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95		330	UGG	5.0
METALS IN SOIL BY ICAP	JS16	NA	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95		314	UGG	5.0
METALS IN SOIL BY ICAP	JS16	NA	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95		286	UGG	1.1
METALS IN SOIL BY ICAP	JS16	NA	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95		283	UGG	1.1
METALS IN SOIL BY ICAP	JS16	NI	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95		34.6	UGG	23.9
METALS IN SOIL BY ICAP	JS16	NI	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95		27.2	UGG	23.9

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
METALS IN SOIL BY ICAP	JS16	NI	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95		13.3	UGG	5.1
METALS IN SOIL BY ICAP	JS16	NI	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95		14	UGG	5.1
METALS IN SOIL BY ICAP	JS16	NI	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95		46.8	UGG	85.8
METALS IN SOIL BY ICAP	JS16	NI	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95		18.7	UGG	85.8
METALS IN SOIL BY ICAP	JS16	NI	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95		17.3	UGG	8.4
METALS IN SOIL BY ICAP	JS16	NI	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95		15.9	UGG	8.4
METALS IN SOIL BY ICAP	JS16	NI	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95		5.15	UGG	2.0
METALS IN SOIL BY ICAP	JS16	NI	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95		5.05	UGG	2.0
METALS IN SOIL BY ICAP	JS16	PB	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95		55.9	UGG	1.6
METALS IN SOIL BY ICAP	JS16	PB	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95		55	UGG	1.6
METALS IN SOIL BY ICAP	JS16	V	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95		9.39	UGG	35.9
METALS IN SOIL BY ICAP	JS16	V	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95		13.5	UGG	35.9
METALS IN SOIL BY ICAP	JS16	V	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95		10.7	UGG	6.8
METALS IN SOIL BY ICAP	JS16	V	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95		10	UGG	6.8
METALS IN SOIL BY ICAP	JS16	V	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95		46.4	UGG	72.5
METALS IN SOIL BY ICAP	JS16	V	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95		21.7	UGG	72.5
METALS IN SOIL BY ICAP	JS16	V	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95		15.2	UGG	19.5
METALS IN SOIL BY ICAP	JS16	V	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95		12.5	UGG	19.5
METALS IN SOIL BY ICAP	JS16	V	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95		4.37	UGG	14.7
METALS IN SOIL BY ICAP	JS16	V	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95		3.77	UGG	14.7
METALS IN SOIL BY ICAP	JS16	ZN	BXAX0215	DV4S*217	UBYF	27-SEP-95	20-OCT-95		41.1	UGG	18.6
METALS IN SOIL BY ICAP	JS16	ZN	BDAX0215	DV4S*442	UBYF	27-SEP-95	20-OCT-95		34.1	UGG	18.6
METALS IN SOIL BY ICAP	JS16	ZN	BXZW0100	DV4S*246	UBVF	19-SEP-95	05-OCT-95		20.8	UGG	10.1
METALS IN SOIL BY ICAP	JS16	ZN	BXZW0100	DV4S*435	UBVF	19-SEP-95	05-OCT-95		18.8	UGG	10.1
METALS IN SOIL BY ICAP	JS16	ZN	DD570300	DV4S*431	UBUF	13-SEP-95	03-OCT-95		457	UGG	114.1
METALS IN SOIL BY ICAP	JS16	ZN	DX570300	DV4S*187	UBUF	13-SEP-95	03-OCT-95		125	UGG	114.1
METALS IN SOIL BY ICAP	JS16	ZN	DDZW0100	DV4S*400	UBUF	11-SEP-95	03-OCT-95		71.4	UGG	2.7
METALS IN SOIL BY ICAP	JS16	ZN	DXZW0100	DV4S*289	UBUF	11-SEP-95	03-OCT-95		69.5	UGG	2.7
METALS IN SOIL BY ICAP	JS16	ZN	EX570405	DV4S*104	UBVF	19-SEP-95	05-OCT-95		9.76	UGG	2.4
METALS IN SOIL BY ICAP	JS16	ZN	ED570405	DV4S*436	UBVF	19-SEP-95	05-OCT-95		10	UGG	2.4

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	124TCB	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.04	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	124TCB	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.04	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	124TCB	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	124TCB	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	124TCB	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.4	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	124TCB	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	124TCB	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	124TCB	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	124TCB	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.04	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	124TCB	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.04	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	12DCLB	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.11	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	12DCLB	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.11	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	12DCLB	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	12DCLB	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	12DCLB	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.6	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	12DCLB	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	1	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	12DCLB	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	12DCLB	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	12DCLB	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.11	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	12DCLB	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.11	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	12DPH	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	12DPH	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	12DPH	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	12DPH	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	12DPH	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.7	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	12DPH	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	1	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	12DPH	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	12DPH	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	12DPH	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.14	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	12DPH	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	13DCLB	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.13	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	13DCLB	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.13	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	13DCLB	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	13DCLB	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	13DCLB	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.6	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	13DCLB	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	1	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	13DCLB	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	13DCLB	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	13DCLB	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.13	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	13DCLB	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.13	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	14DCLB	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.098	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	14DCLB	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.098	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	14DCLB	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.5	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	14DCLB	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.5	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	14DCLB	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.5	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	14DCLB	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	1	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	14DCLB	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.5	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	14DCLB	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.5	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	14DCLB	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.098	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	14DCLB	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.098	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	245TCP	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	245TCP	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	245TCP	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.5	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	245TCP	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.5	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	245TCP	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.5	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	245TCP	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	1	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	245TCP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.5	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	245TCP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.5	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	245TCP	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.1	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	245TCP	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	246TCP	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	246TCP	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	246TCP	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	246TCP	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	246TCP	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	.8	UGG	85.7
BNA'S IN SOIL BY GC/MS	LM18	246TCP	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	2	UGG	85.7
BNA'S IN SOIL BY GC/MS	LM18	246TCP	DDZW0100	DV4S*400	OEJG	11-SEP-95	28-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	246TCP	DXZW0100	DV4S*289	OEJG	11-SEP-95	27-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	246TCP	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	246TCP	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DCLP	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	.18	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DCLP	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	.18	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DCLP	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	.9	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DCLP	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	.9	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DCLP	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	.9	UGG	75.9
BNA'S IN SOIL BY GC/MS	LM18	24DCLP	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	2	UGG	75.9
BNA'S IN SOIL BY GC/MS	LM18	24DCLP	DXZW0100	DV4S*289	OEJG	11-SEP-95	27-SEP-95	<	.9	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DCLP	DDZW0100	DV4S*400	OEJG	11-SEP-95	28-SEP-95	<	.9	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DCLP	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	.18	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DCLP	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.18	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DMPN	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	.69	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DMPN	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	.69	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DMPN	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DMPN	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DMPN	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	7	UGG	80.0
BNA'S IN SOIL BY GC/MS	LM18	24DMPN	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	3	UGG	80.0
BNA'S IN SOIL BY GC/MS	LM18	24DMPN	DDZW0100	DV4S*400	OEJG	11-SEP-95	28-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DMPN	DXZW0100	DV4S*289	OEJG	11-SEP-95	27-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DMPN	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	.69	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	24DMPN	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.69	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNP	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	1.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNP	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	1.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNP	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNP	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNP	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	10	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	24DNP	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	6	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	24DNP	DXZW0100	DV4S*289	OEJG	11-SEP-95	27-SEP-95	<	6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNP	DDZW0100	DV4S*400	OEJG	11-SEP-95	28-SEP-95	<	6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNP	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	1.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNP	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	1.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNT	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNT	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNT	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNT	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNT	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	.7	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	24DNT	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	1	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	24DNT	DDZW0100	DV4S*400	OEJG	11-SEP-95	28-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNT	DXZW0100	DV4S*289	OEJG	11-SEP-95	27-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNT	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	24DNT	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	26DNT	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	.085	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	26DNT	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	.085	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	26DNT	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	26DNT	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	26DNT	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	.8	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	26DNT	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	.4	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	26DNT	DXZW0100	DV4S*289	OEJG	11-SEP-95	27-SEP-95	<	.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	26DNT	DDZW0100	DV4S*400	OEJG	11-SEP-95	28-SEP-95	<	.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	26DNT	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	.085	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	26DNT	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.085	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CLP	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.06	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CLP	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.06	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CLP	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CLP	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CLP	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.6	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	2CLP	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.3	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	2CLP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CLP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CLP	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.06	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CLP	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.06	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CNAP	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.036	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CNAP	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.036	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CNAP	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CNAP	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CNAP	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.4	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	2CNAP	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	2CNAP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CNAP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CNAP	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.036	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2CNAP	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.036	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2MNAP	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.049	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2MNAP	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.049	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2MNAP	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2MNAP	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2MNAP	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.5	UGG	85.7
BNA'S IN SOIL BY GC/MS	LM18	2MNAP	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.2	UGG	85.7
BNA'S IN SOIL BY GC/MS	LM18	2MNAP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2MNAP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2MNAP	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.049	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	2MNAP	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.049	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2MP	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.029	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2MP	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.029	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2MP	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2MP	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2MP	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.3	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	2MP	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.1	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	2MP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2MP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2MP	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.029	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2MP	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.029	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2NANIL	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.062	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2NANIL	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.062	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2NANIL	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2NANIL	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2NANIL	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.6	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	2NANIL	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.3	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	2NANIL	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2NANIL	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2NANIL	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.062	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2NANIL	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.062	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2NP	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2NP	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2NP	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2NP	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2NP	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.7	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	2NP	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	1	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	2NP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2NP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2NP	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.14	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	2NP	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	2TMPD	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95		5	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	2TMPD	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95		3	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	33DCBD	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	6.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	33DCBD	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	6.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	33DCBD	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	30	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	33DCBD	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	30	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	33DCBD	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	60	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	33DCBD	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	30	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	33DCBD	DDZW0100	DV4S*400	OEJG	11-SEP-95	28-SEP-95	<	30	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	33DCBD	DXZW0100	DV4S*289	OEJG	11-SEP-95	27-SEP-95	<	30	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	33DCBD	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	6.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	33DCBD	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	6.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	3NANIL	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	.45	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	3NANIL	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	.45	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	3NANIL	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	3NANIL	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	3NANIL	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	4	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	3NANIL	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	3NANIL	DXZW0100	DV4S*289	OEJG	11-SEP-95	27-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	3NANIL	DDZW0100	DV4S*400	OEJG	11-SEP-95	28-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	3NANIL	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	.45	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	3NANIL	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.45	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	46DN2C	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	.55	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	46DN2C	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	.55	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	46DN2C	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	46DN2C	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	46DN2C	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	6	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	46DN2C	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	3	UGG	66.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	46DN2C	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	46DN2C	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	46DN2C	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.55	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	46DN2C	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.55	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4BRPPE	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4BRPPE	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4BRPPE	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4BRPPE	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4BRPPE	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	4BRPPE	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	4BRPPE	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4BRPPE	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4BRPPE	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4BRPPE	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CANIL	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.81	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CANIL	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.81	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CANIL	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CANIL	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CANIL	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	8	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	4CANIL	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	4	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	4CANIL	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CANIL	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CANIL	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.81	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CANIL	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.81	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CL3C	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.095	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CL3C	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.095	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CL3C	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.5	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CL3C	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.5	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CL3C	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.5	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	4CL3C	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	1	UGG	66.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	4CL3C	DDZW0100	DV4S*400	OEJG	11-SEP-95	28-SEP-95	<	.5	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CL3C	DXZW0100	DV4S*289	OEJG	11-SEP-95	27-SEP-95	<	.5	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CL3C	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	.095	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CL3C	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.095	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CLPPE	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CLPPE	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CLPPE	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CLPPE	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CLPPE	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	.3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	4CLPPE	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	.2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	4CLPPE	DDZW0100	DV4S*400	OEJG	11-SEP-95	28-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CLPPE	DXZW0100	DV4S*289	OEJG	11-SEP-95	27-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CLPPE	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4CLPPE	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4MP	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	.24	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4MP	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	.24	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4MP	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4MP	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4MP	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	4MP	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	1	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	4MP	DDZW0100	DV4S*400	OEJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4MP	DXZW0100	DV4S*289	OEJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4MP	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	.24	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4MP	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.24	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NANIL	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	.41	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NANIL	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	.41	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NANIL	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NANIL	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NANIL	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	4	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	4NANIL	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	2	UGG	66.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	4NANIL	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NANIL	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NANIL	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.41	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NANIL	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.41	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NP	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NP	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NP	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NP	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NP	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	10	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	4NP	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	7	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	4NP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NP	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	4NP	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ABHC	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ABHC	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ABHC	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ABHC	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ABHC	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	3	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	ABHC	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	1	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	ABHC	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ABHC	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ABHC	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ABHC	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ACLDAN	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ACLDAN	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ACLDAN	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ACLDAN	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ACLDAN	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	ACLDAN	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	2	UGG	40.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	ACLDAN	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ACLDAN	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ACLDAN	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ACLDAN	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	AENSLF	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.62	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	AENSLF	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.62	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	AENSLF	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	AENSLF	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	AENSLF	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	6	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	AENSLF	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	3	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	AENSLF	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	AENSLF	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	AENSLF	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.62	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	AENSLF	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.62	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ALDRN	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ALDRN	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ALDRN	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ALDRN	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ALDRN	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	ALDRN	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	ALDRN	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ALDRN	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ALDRN	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ALDRN	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPNE	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.036	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPNE	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.036	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPNE	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPNE	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPNE	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.4	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	ANAPNE	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.2	UGG	66.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	ANAPNE	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPNE	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPNE	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.036	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPNE	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.036	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPYL	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPYL	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPYL	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPYL	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPYL	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPYL	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPYL	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPYL	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPYL	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANAPYL	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANTRC	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANTRC	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANTRC	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANTRC	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANTRC	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	ANTRC	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	ANTRC	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANTRC	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANTRC	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ANTRC	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CEXM	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.059	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CEXM	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.059	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CEXM	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CEXM	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CEXM	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.6	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	B2CEXM	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.3	UGG	66.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	B2CEXM	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CEXM	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CEXM	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	.059	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CEXM	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.059	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CIPE	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CIPE	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CIPE	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CIPE	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CIPE	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	B2CIPE	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	1	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	B2CIPE	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CIPE	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CIPE	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CIPE	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CLEE	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CLEE	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CLEE	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CLEE	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CLEE	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	.3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	B2CLEE	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	.2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	B2CLEE	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CLEE	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CLEE	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2CLEE	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2EHP	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	.62	UGG	12.1
BNA'S IN SOIL BY GC/MS	LM18	B2EHP	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95		.7	UGG	12.1
BNA'S IN SOIL BY GC/MS	LM18	B2EHP	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2EHP	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2EHP	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	6	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	B2EHP	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	3	UGG	66.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	B2EHP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2EHP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2EHP	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.62	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	B2EHP	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.62	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAANTR	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAANTR	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAANTR	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAANTR	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAANTR	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.8	UGG	85.7
BNA'S IN SOIL BY GC/MS	LM18	BAANTR	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	2	UGG	85.7
BNA'S IN SOIL BY GC/MS	LM18	BAANTR	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAANTR	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAANTR	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAANTR	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAPYR	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.25	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAPYR	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.25	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAPYR	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAPYR	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAPYR	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	BAPYR	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	1	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	BAPYR	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAPYR	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAPYR	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.25	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BAPYR	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.25	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBFANT	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.21	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBFANT	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.21	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBFANT	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBFANT	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBFANT	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	BBFANT	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	1	UGG	66.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	BBFANT	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBFANT	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBFANT	HD570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.21	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBFANT	HX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.21	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBHC	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBHC	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBHC	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBHC	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBHC	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	3	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	BBHC	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	1	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	BBHC	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBHC	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBHC	HD570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBHC	HX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBZP	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBZP	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBZP	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBZP	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBZP	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.8	UGG	85.7
BNA'S IN SOIL BY GC/MS	LM18	BBZP	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	2	UGG	85.7
BNA'S IN SOIL BY GC/MS	LM18	BBZP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBZP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBZP	HD570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BBZP	HX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENSLF	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.62	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENSLF	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.62	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENSLF	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENSLF	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENSLF	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	6	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	BENSLF	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	3	UGG	66.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	BENSLF	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENSLF	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENSLF	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.62	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENSLF	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.62	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZID	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.85	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZID	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.85	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZID	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZID	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZID	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	8	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	BENZID	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	4	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	BENZID	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZID	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZID	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.85	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZID	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.85	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZOA	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	6.1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZOA	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	6.1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZOA	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	30	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZOA	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	30	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZOA	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	60	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	BENZOA	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	30	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	BENZOA	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	30	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZOA	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	30	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZOA	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	6.1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BENZOA	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	6.1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BGHIPY	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.25	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BGHIPY	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.25	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BGHIPY	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BGHIPY	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BGHIPY	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	BGHIPY	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	1	UGG	66.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	BGHIPY	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BGHIPY	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BGHIPY	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.25	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BGHIPY	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.25	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BKFANT	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.066	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BKFANT	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.066	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BKFANT	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BKFANT	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BKFANT	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.7	UGG	124.3
BNA'S IN SOIL BY GC/MS	LM18	BKFANT	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95		3	UGG	124.3
BNA'S IN SOIL BY GC/MS	LM18	BKFANT	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BKFANT	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BKFANT	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.066	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BKFANT	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.066	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BZALC	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.19	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BZALC	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.19	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BZALC	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BZALC	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BZALC	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	BZALC	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	1	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	BZALC	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BZALC	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BZALC	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.19	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BZALC	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.19	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	C16	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95		2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	C16	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95		2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	C17	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95		3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	C17	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95		2	UGG	40.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	C18	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95		3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	C18	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95		2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	C29	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95		50	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	C29	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95		30	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	CARBAZ	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CARBAZ	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CARBAZ	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CARBAZ	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CARBAZ	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.7	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	CARBAZ	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	1	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	CARBAZ	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.5	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CARBAZ	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.5	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CARBAZ	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CARBAZ	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CHRY	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.12	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CHRY	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.12	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CHRY	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CHRY	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CHRY	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.6	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	CHRY	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	1	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	CHRY	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95		.9	UGG	10.5
BNA'S IN SOIL BY GC/MS	LM18	CHRY	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95		1	UGG	10.5
BNA'S IN SOIL BY GC/MS	LM18	CHRY	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.12	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CHRY	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.12	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6BZ	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6BZ	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6BZ	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6BZ	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6BZ	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.3	UGG	40.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	CL6BZ	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	CL6BZ	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6BZ	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6BZ	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6BZ	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6CP	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	6.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6CP	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	6.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6CP	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	30	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6CP	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	30	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6CP	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	60	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	CL6CP	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	30	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	CL6CP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	30	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6CP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	30	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6CP	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	6.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6CP	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	6.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6ET	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.15	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6ET	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.15	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6ET	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6ET	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6ET	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.8	UGG	85.7
BNA'S IN SOIL BY GC/MS	LM18	CL6ET	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	2	UGG	85.7
BNA'S IN SOIL BY GC/MS	LM18	CL6ET	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6ET	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6ET	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.15	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	CL6ET	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.15	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBAHA	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.21	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBAHA	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.21	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBAHA	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBAHA	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBAHA	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	2	UGG	66.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	DBAHA	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	1	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	DBAHA	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBAHA	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBAHA	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.21	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBAHA	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.21	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBHC	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBHC	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBHC	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBHC	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBHC	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	3	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	DBHC	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	1	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	DBHC	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBHC	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBHC	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBHC	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBZFUR	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.035	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBZFUR	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.035	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBZFUR	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBZFUR	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBZFUR	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.4	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	DBZFUR	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	DBZFUR	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBZFUR	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBZFUR	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.035	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DBZFUR	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.035	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DEP	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.24	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DEP	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.24	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DEP	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DEP	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DEP	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	2	UGG	66.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	DEP	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	1	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	DEP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DEP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DEP	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.24	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DEP	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.24	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DLDRN	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.31	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DLDRN	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.31	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DLDRN	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DLDRN	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DLDRN	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	DLDRN	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	DLDRN	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DLDRN	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DLDRN	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.31	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DLDRN	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.31	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DMP	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DMP	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DMP	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DMP	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DMP	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.8	UGG	85.7
BNA'S IN SOIL BY GC/MS	LM18	DMP	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	2	UGG	85.7
BNA'S IN SOIL BY GC/MS	LM18	DMP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DMP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.8	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DMP	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DMP	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.17	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNBP	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.061	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNBP	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.061	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNBP	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNBP	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNBP	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.6	UGG	66.7

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	DNBP	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.3	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	DNBP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNBP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNBP	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.061	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNBP	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.061	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNOP	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.19	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNOP	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.19	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNOP	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNOP	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNOP	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	DNOP	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	1	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	DNOP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNOP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNOP	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.19	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	DNOP	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.19	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ENDRN	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.45	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ENDRN	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.45	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ENDRN	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ENDRN	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ENDRN	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	4	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	ENDRN	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	ENDRN	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ENDRN	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ENDRN	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.45	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ENDRN	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.45	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ENDRNA	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.53	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ENDRNA	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.53	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ENDRNA	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ENDRNA	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ENDRNA	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	5	UGG	50.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	BNDRNA	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	3	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	BNDRNA	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BNDRNA	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BNDRNA	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.53	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BNDRNA	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.53	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BNDRNK	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.53	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BNDRNK	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.53	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BNDRNK	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BNDRNK	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BNDRNK	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	5	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	BNDRNK	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	3	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	BNDRNK	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BNDRNK	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BNDRNK	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.53	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BNDRNK	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.53	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BSFSO4	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.62	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BSFSO4	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.62	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BSFSO4	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BSFSO4	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BSFSO4	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	6	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	BSFSO4	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	3	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	BSFSO4	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BSFSO4	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BSFSO4	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.62	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	BSFSO4	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.62	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	FANT	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.068	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	FANT	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.068	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	FANT	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	FANT	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	FANT	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95		7	UGG	33.3

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	FANT	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95		5	UGG	33.3
BNA'S IN SOIL BY GC/MS	LM18	FANT	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95		2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	FANT	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95		1	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	FANT	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.068	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	FANT	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.068	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	FLRENE	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	FLRENE	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	FLRENE	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	FLRENE	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	FLRENE	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	FLRENE	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	FLRENE	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	FLRENE	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	FLRENE	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	FLRENE	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	GCLDAN	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	GCLDAN	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	GCLDAN	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	GCLDAN	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	GCLDAN	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	GCLDAN	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	GCLDAN	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	GCLDAN	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	GCLDAN	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	GCLDAN	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	GSITOS	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95		20	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	GSITOS	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95		20	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HCBD	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.23	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HCBD	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.23	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	HCBD	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HCBD	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HCBD	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	HCBD	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	1	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	HCBD	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HCBD	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HCBD	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.23	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HCBD	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.23	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCL	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.13	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCL	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.13	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCL	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCL	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCL	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.6	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	HPCL	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	1	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	HPCL	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCL	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCL	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.13	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCL	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.13	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCLE	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCLE	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCLE	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCLE	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCLE	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	HPCLE	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	HPCLE	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCLE	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCLE	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	HPCLE	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ICDPYR	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.29	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ICDPYR	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.29	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	ICDPYR	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ICDPYR	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ICDPYR	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	3	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	ICDPYR	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	1	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	ICDPYR	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ICDPYR	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ICDPYR	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.29	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ICDPYR	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.29	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ISOPHR	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ISOPHR	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ISOPHR	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ISOPHR	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ISOPHR	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	ISOPHR	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	ISOPHR	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ISOPHR	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ISOPHR	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	ISOPHR	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	LIN	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	LIN	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	LIN	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	LIN	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	LIN	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	3	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	LIN	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	1	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	LIN	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	LIN	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	LIN	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	LIN	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	MEXCLR	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	MEXCLR	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.33	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	MEXCLR	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	MEXCLR	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	MEXCLR	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	MEXCLR	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	MEXCLR	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	MEXCLR	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	MEXCLR	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	MEXCLR	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.33	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NAP	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.037	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NAP	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.037	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NAP	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NAP	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NAP	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.4	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	NAP	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	NAP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NAP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NAP	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.037	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NAP	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.037	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NB	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.045	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NB	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.045	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NB	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NB	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NB	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	.4	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	NB	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	NB	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NB	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NB	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.045	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NB	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.045	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDMEA	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDMEA	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.14	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	NNDMEA	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDMEA	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDMEA	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	.7	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	NNDMEA	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	1	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	NNDMEA	DXZW0100	DV4S*289	OEJG	11-SEP-95	27-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDMEA	DDZW0100	DV4S*400	OEJG	11-SEP-95	28-SEP-95	<	.7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDMEA	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDMEA	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	.14	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDNPA	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDNPA	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDNPA	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDNPA	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDNPA	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	NNDNPA	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	1	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	NNDNPA	DDZW0100	DV4S*400	OEJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDNPA	DXZW0100	DV4S*289	OEJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDNPA	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDNPA	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDPA	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	.19	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDPA	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	.19	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDPA	BXZW0100	DV4S*435	OEOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDPA	BXZW0100	DV4S*246	OEOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDPA	DX570300	DV4S*187	OEKG	13-SEP-95	26-SEP-95	<	2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	NNDPA	DD570300	DV4S*431	OELG	13-SEP-95	26-SEP-95	<	1	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	NNDPA	DXZW0100	DV4S*289	OEJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDPA	DDZW0100	DV4S*400	OEJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDPA	EX570405	DV4S*104	OEOG	19-SEP-95	29-SEP-95	<	.19	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	NNDPA	ED570405	DV4S*436	OEOG	19-SEP-95	29-SEP-95	<	.19	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB016	BXAX0215	DV4S*217	OETG	27-SEP-95	10-OCT-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB016	BDAX0215	DV4S*442	OETG	27-SEP-95	10-OCT-95	<	1.4	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	PCB016	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB016	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB016	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	10	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	PCB016	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	7	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	PCB016	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB016	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB016	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB016	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB221	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB221	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB221	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB221	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB221	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	10	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	PCB221	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	7	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	PCB221	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB221	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB221	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB221	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB232	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB232	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB232	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB232	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB232	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	10	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	PCB232	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	7	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	PCB232	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB232	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB232	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB232	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB242	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB242	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	1.4	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	PCB242	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB242	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB242	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	10	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	PCB242	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	7	UGG	35.3
BNA'S IN SOIL BY GC/MS	LM18	PCB242	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB242	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	7	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB242	BX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB242	BD570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	1.4	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB248	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB248	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB248	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB248	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB248	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	20	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	PCB248	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	10	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	PCB248	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB248	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB248	BX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB248	BD570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB254	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	2.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB254	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	2.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB254	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB254	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB254	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	20	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	PCB254	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	10	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	PCB254	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB254	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB254	BX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	2.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB254	BD570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	2.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB260	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	2.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB260	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	2.6	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	PCB260	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB260	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB260	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	30	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	PCB260	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	10	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	PCB260	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB260	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB260	BX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	2.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCB260	BD570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	2.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCP	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	1.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCP	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	1.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCP	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCP	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCP	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	10	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	PCP	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	6	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	PCP	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCP	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCP	BD570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	1.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PCP	BX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	1.3	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PHANTR	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PHANTR	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PHANTR	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PHANTR	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PHANTR	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95		3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	PHANTR	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95		2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	PHANTR	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95		.8	UGG	28.6
BNA'S IN SOIL BY GC/MS	LM18	PHANTR	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95		.6	UGG	28.6
BNA'S IN SOIL BY GC/MS	LM18	PHANTR	BX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PHANTR	BD570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PHENOL	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.11	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PHENOL	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.11	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	PHENOL	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PHENOL	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PHENOL	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	.6	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	PHENOL	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	1	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	PHENOL	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PHENOL	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PHENOL	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.11	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PHENOL	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.11	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDD	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDD	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDD	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDD	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDD	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	3	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDD	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	1	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDD	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDD	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	1	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDD	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDD	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.27	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDE	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.31	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDE	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.31	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDE	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDE	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDE	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDE	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDE	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDE	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDE	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.31	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDE	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.31	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDT	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.31	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDT	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.31	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	PPDDT	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDT	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDT	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	3	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDT	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	2	UGG	40.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDT	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDT	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDT	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.31	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PPDDT	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.31	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PYR	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PYR	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PYR	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PYR	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	.2	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PYR	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95		6	UGG	18.2
BNA'S IN SOIL BY GC/MS	LM18	PYR	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95		5	UGG	18.2
BNA'S IN SOIL BY GC/MS	LM18	PYR	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95		2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	PYR	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95		1	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	PYR	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	PYR	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	.033	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	SMOLE	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95		200	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	SMOLE	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95		200	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	TXPHEN	BXAX0215	DV4S*217	OBTG	27-SEP-95	10-OCT-95	<	2.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	TXPHEN	BDAX0215	DV4S*442	OBTG	27-SEP-95	10-OCT-95	<	2.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	TXPHEN	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	TXPHEN	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	TXPHEN	DX570300	DV4S*187	OBKG	13-SEP-95	26-SEP-95	<	30	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	TXPHEN	DD570300	DV4S*431	OBLG	13-SEP-95	26-SEP-95	<	10	UGG	100.0
BNA'S IN SOIL BY GC/MS	LM18	TXPHEN	DDZW0100	DV4S*400	OBJG	11-SEP-95	28-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	TXPHEN	DXZW0100	DV4S*289	OBJG	11-SEP-95	27-SEP-95	<	10	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	TXPHEN	ED570405	DV4S*436	OBOG	19-SEP-95	29-SEP-95	<	2.6	UGG	0.0
BNA'S IN SOIL BY GC/MS	LM18	TXPHEN	EX570405	DV4S*104	OBOG	19-SEP-95	29-SEP-95	<	2.6	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN SOIL BY GC/MS	LM18	UNK601	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95		4	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	UNK601	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95		2	UGG	66.7
BNA'S IN SOIL BY GC/MS	LM18	UNK603	BXZW0100	DV4S*246	OBOG	19-SEP-95	30-SEP-95		500	UGG	50.0
BNA'S IN SOIL BY GC/MS	LM18	UNK603	BXZW0100	DV4S*435	OBOG	19-SEP-95	30-SEP-95		300	UGG	50.0
VOC'S IN SOIL BY GC/MS	LM19	111TCE	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0044	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	111TCE	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0044	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	111TCE	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0044	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	111TCE	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0044	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	111TCE	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0044	UGG	127.9
VOC'S IN SOIL BY GC/MS	LM19	111TCE	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.02	UGG	127.9
VOC'S IN SOIL BY GC/MS	LM19	111TCE	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0044	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	111TCE	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0044	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	111TCE	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0044	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	111TCE	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0044	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	112TCE	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0054	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	112TCE	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0054	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	112TCE	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0054	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	112TCE	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0054	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	112TCE	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0054	UGG	139.0
VOC'S IN SOIL BY GC/MS	LM19	112TCE	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.03	UGG	139.0
VOC'S IN SOIL BY GC/MS	LM19	112TCE	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0054	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	112TCE	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0054	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	112TCE	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0054	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	112TCE	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0054	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	11DCE	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0039	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	11DCE	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0039	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	11DCE	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0039	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN SOIL BY GC/MS	LM19	11DCE	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0039	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	11DCE	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0039	UGG	134.7
VOC'S IN SOIL BY GC/MS	LM19	11DCE	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.02	UGG	134.7
VOC'S IN SOIL BY GC/MS	LM19	11DCE	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0039	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	11DCE	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0039	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	11DCE	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0039	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	11DCE	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0039	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	11DCLE	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0023	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	11DCLE	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0023	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	11DCLE	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0023	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	11DCLE	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0023	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	11DCLE	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0023	UGG	125.2
VOC'S IN SOIL BY GC/MS	LM19	11DCLE	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.01	UGG	125.2
VOC'S IN SOIL BY GC/MS	LM19	11DCLE	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0023	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	11DCLE	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0023	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	11DCLE	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0023	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	11DCLE	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0023	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCE	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.003	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCE	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.003	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCE	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.003	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCE	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.003	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCE	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.003	UGG	147.8
VOC'S IN SOIL BY GC/MS	LM19	12DCE	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.02	UGG	147.8
VOC'S IN SOIL BY GC/MS	LM19	12DCE	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.003	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCE	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.003	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCE	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.003	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCE	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.003	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCLE	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCLE	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCLE	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0017	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN SOIL BY GC/MS	LM19	12DCLE	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCLE	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0017	UGG	121.8
VOC'S IN SOIL BY GC/MS	LM19	12DCLE	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.007	UGG	121.8
VOC'S IN SOIL BY GC/MS	LM19	12DCLE	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCLE	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCLE	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCLE	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCLP	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0029	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCLP	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0029	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCLP	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0029	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCLP	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0029	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCLP	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0029	UGG	110.1
VOC'S IN SOIL BY GC/MS	LM19	12DCLP	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.01	UGG	110.1
VOC'S IN SOIL BY GC/MS	LM19	12DCLP	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0029	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCLP	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0029	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCLP	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0029	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	12DCLP	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0029	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	2CLEVE	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.01	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	2CLEVE	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.01	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	2CLEVE	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.01	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	2CLEVE	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.01	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	2CLEVE	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.05	UGG	133.3
VOC'S IN SOIL BY GC/MS	LM19	2CLEVE	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.01	UGG	133.3
VOC'S IN SOIL BY GC/MS	LM19	2CLEVE	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.01	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	2CLEVE	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.01	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	2CLEVE	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.01	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	2CLEVE	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.01	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACET	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACET	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACET	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.017	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN SOIL BY GC/MS	LM19	ACET	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACET	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.017	UGG	196.6
VOC'S IN SOIL BY GC/MS	LM19	ACET	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95		2	UGG	196.6
VOC'S IN SOIL BY GC/MS	LM19	ACET	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACET	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACET	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACET	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACROLN	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACROLN	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACROLN	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACROLN	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACROLN	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.5	UGG	133.3
VOC'S IN SOIL BY GC/MS	LM19	ACROLN	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.1	UGG	133.3
VOC'S IN SOIL BY GC/MS	LM19	ACROLN	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACROLN	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACROLN	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACROLN	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACRYLO	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACRYLO	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACRYLO	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACRYLO	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACRYLO	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.5	UGG	133.3
VOC'S IN SOIL BY GC/MS	LM19	ACRYLO	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.1	UGG	133.3
VOC'S IN SOIL BY GC/MS	LM19	ACRYLO	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACRYLO	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACRYLO	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ACRYLO	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	BRDCLM	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0029	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	BRDCLM	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0029	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	BRDCLM	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0029	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN SOIL BY GC/MS	LM19	BRDCLM	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0029	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	BRDCLM	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0029	UGG	110.1
VOC'S IN SOIL BY GC/MS	LM19	BRDCLM	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.01	UGG	110.1
VOC'S IN SOIL BY GC/MS	LM19	BRDCLM	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0029	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	BRDCLM	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0029	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	BRDCLM	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0029	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	BRDCLM	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0029	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C13DCP	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C13DCP	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C13DCP	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C13DCP	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C13DCP	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0032	UGG	144.8
VOC'S IN SOIL BY GC/MS	LM19	C13DCP	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.02	UGG	144.8
VOC'S IN SOIL BY GC/MS	LM19	C13DCP	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C13DCP	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C13DCP	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C13DCP	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2AVE	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2AVE	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2AVE	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2AVE	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2AVE	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.032	UGG	144.8
VOC'S IN SOIL BY GC/MS	LM19	C2AVE	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.2	UGG	144.8
VOC'S IN SOIL BY GC/MS	LM19	C2AVE	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2AVE	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2AVE	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2AVE	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2H3CL	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0062	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2H3CL	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0062	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2H3CL	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0062	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN SOIL BY GC/MS	LM19	C2H3CL	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0062	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2H3CL	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0062	UGG	131.5
VOC'S IN SOIL BY GC/MS	LM19	C2H3CL	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.03	UGG	131.5
VOC'S IN SOIL BY GC/MS	LM19	C2H3CL	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0062	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2H3CL	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0062	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2H3CL	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0062	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2H3CL	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0062	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2H5CL	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.012	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2H5CL	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.012	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2H5CL	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.012	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2H5CL	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.012	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2H5CL	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.012	UGG	133.3
VOC'S IN SOIL BY GC/MS	LM19	C2H5CL	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.06	UGG	133.3
VOC'S IN SOIL BY GC/MS	LM19	C2H5CL	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.012	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2H5CL	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.012	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2H5CL	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.012	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C2H5CL	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.012	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C6H6	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0015	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C6H6	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0015	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C6H6	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0015	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C6H6	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0015	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C6H6	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0015	UGG	136.8
VOC'S IN SOIL BY GC/MS	LM19	C6H6	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.008	UGG	136.8
VOC'S IN SOIL BY GC/MS	LM19	C6H6	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0015	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C6H6	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0015	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C6H6	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0015	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	C6H6	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0015	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CCL3F	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0059	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CCL3F	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0059	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CCL3F	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95		.0063	UGG	75.9

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN SOIL BY GC/MS	LM19	CCL3F	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95		.014	UGG	75.9
VOC'S IN SOIL BY GC/MS	LM19	CCL3F	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0059	UGG	134.3
VOC'S IN SOIL BY GC/MS	LM19	CCL3F	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.03	UGG	134.3
VOC'S IN SOIL BY GC/MS	LM19	CCL3F	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95		.011	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CCL3F	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95		.011	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CCL3F	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95		.0083	UGG	33.8
VOC'S IN SOIL BY GC/MS	LM19	CCL3F	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0059	UGG	33.8
VOC'S IN SOIL BY GC/MS	LM19	CCL4	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.007	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CCL4	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.007	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CCL4	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.007	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CCL4	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.007	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CCL4	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.007	UGG	140.4
VOC'S IN SOIL BY GC/MS	LM19	CCL4	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.04	UGG	140.4
VOC'S IN SOIL BY GC/MS	LM19	CCL4	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.007	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CCL4	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.007	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CCL4	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.007	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CCL4	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.007	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH2CL2	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.012	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH2CL2	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.012	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH2CL2	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.012	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH2CL2	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.012	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH2CL2	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.012	UGG	133.3
VOC'S IN SOIL BY GC/MS	LM19	CH2CL2	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.06	UGG	133.3
VOC'S IN SOIL BY GC/MS	LM19	CH2CL2	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95		.014	UGG	15.4
VOC'S IN SOIL BY GC/MS	LM19	CH2CL2	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.012	UGG	15.4
VOC'S IN SOIL BY GC/MS	LM19	CH2CL2	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.012	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH2CL2	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.012	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH3BR	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0057	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH3BR	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0057	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH3BR	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0057	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN SOIL BY GC/MS	LM19	CH3BR	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0057	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH3BR	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0057	UGG	136.1
VOC'S IN SOIL BY GC/MS	LM19	CH3BR	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.03	UGG	136.1
VOC'S IN SOIL BY GC/MS	LM19	CH3BR	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0057	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH3BR	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0057	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH3BR	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0057	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH3BR	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0057	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH3CL	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0088	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH3CL	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0088	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH3CL	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0088	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH3CL	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0088	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH3CL	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0088	UGG	127.9
VOC'S IN SOIL BY GC/MS	LM19	CH3CL	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.04	UGG	127.9
VOC'S IN SOIL BY GC/MS	LM19	CH3CL	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0088	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH3CL	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0088	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH3CL	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0088	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CH3CL	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0088	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CHBR3	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0069	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CHBR3	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0069	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CHBR3	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0069	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CHBR3	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0069	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CHBR3	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0069	UGG	125.2
VOC'S IN SOIL BY GC/MS	LM19	CHBR3	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.03	UGG	125.2
VOC'S IN SOIL BY GC/MS	LM19	CHBR3	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0069	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CHBR3	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0069	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CHBR3	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0069	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CHBR3	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0069	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CHCL3	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.00087	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CHCL3	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.00087	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CHCL3	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.00087	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN SOIL BY GC/MS	LM19	CHCL3	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.00087	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CHCL3	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.00087	UGG	128.5
VOC'S IN SOIL BY GC/MS	LM19	CHCL3	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.004	UGG	128.5
VOC'S IN SOIL BY GC/MS	LM19	CHCL3	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.00087	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CHCL3	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.00087	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CHCL3	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.00087	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CHCL3	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.00087	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CL2BZ	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CL2BZ	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CL2BZ	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CL2BZ	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CL2BZ	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.5	UGG	133.3
VOC'S IN SOIL BY GC/MS	LM19	CL2BZ	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.1	UGG	133.3
VOC'S IN SOIL BY GC/MS	LM19	CL2BZ	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CL2BZ	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CL2BZ	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CL2BZ	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.1	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CLC6H5	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.00086	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CLC6H5	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.00086	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CLC6H5	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.00086	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CLC6H5	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.00086	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CLC6H5	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.00086	UGG	129.2
VOC'S IN SOIL BY GC/MS	LM19	CLC6H5	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.004	UGG	129.2
VOC'S IN SOIL BY GC/MS	LM19	CLC6H5	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.00086	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CLC6H5	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.00086	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CLC6H5	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.00086	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CLC6H5	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.00086	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CS2	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0044	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CS2	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0044	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CS2	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0044	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN SOIL BY GC/MS	LM19	CS2	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0044	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CS2	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0044	UGG	127.9
VOC'S IN SOIL BY GC/MS	LM19	CS2	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.02	UGG	127.9
VOC'S IN SOIL BY GC/MS	LM19	CS2	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0044	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CS2	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0044	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CS2	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0044	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	CS2	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0044	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	DBRCLM	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0031	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	DBRCLM	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0031	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	DBRCLM	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0031	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	DBRCLM	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0031	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	DBRCLM	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0031	UGG	146.3
VOC'S IN SOIL BY GC/MS	LM19	DBRCLM	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.02	UGG	146.3
VOC'S IN SOIL BY GC/MS	LM19	DBRCLM	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0031	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	DBRCLM	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0031	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	DBRCLM	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0031	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	DBRCLM	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0031	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ETC6H5	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ETC6H5	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ETC6H5	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ETC6H5	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ETC6H5	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0017	UGG	121.8
VOC'S IN SOIL BY GC/MS	LM19	ETC6H5	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.007	UGG	121.8
VOC'S IN SOIL BY GC/MS	LM19	ETC6H5	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ETC6H5	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ETC6H5	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	ETC6H5	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0017	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MEC6H5	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.00078	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MEC6H5	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.00078	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MEC6H5	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.00078	UGG	127.1

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN SOIL BY GC/MS	LM19	MEC6H5	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95		.0035	UGG	127.1
VOC'S IN SOIL BY GC/MS	LM19	MEC6H5	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.00078	UGG	134.7
VOC'S IN SOIL BY GC/MS	LM19	MEC6H5	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.004	UGG	134.7
VOC'S IN SOIL BY GC/MS	LM19	MEC6H5	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.00078	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MEC6H5	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.00078	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MEC6H5	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.00078	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MEC6H5	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.00078	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MEK	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.07	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MEK	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.07	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MEK	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.07	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MEK	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.07	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MEK	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.07	UGG	140.4
VOC'S IN SOIL BY GC/MS	LM19	MEK	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.4	UGG	140.4
VOC'S IN SOIL BY GC/MS	LM19	MEK	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.07	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MEK	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.07	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MEK	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.07	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MEK	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.07	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MIBK	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.027	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MIBK	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.027	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MIBK	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.027	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MIBK	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.027	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MIBK	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.027	UGG	115.0
VOC'S IN SOIL BY GC/MS	LM19	MIBK	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.1	UGG	115.0
VOC'S IN SOIL BY GC/MS	LM19	MIBK	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.027	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MIBK	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.027	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MIBK	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.027	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MIBK	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.027	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MNBK	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MNBK	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.032	UGG	0.0
VOC'S IN SOIL BY GC/MS.	LM19	MNBK	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.032	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN SOIL BY GC/MS	LM19	MNBK	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MNBK	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.032	UGG	144.8
VOC'S IN SOIL BY GC/MS	LM19	MNBK	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.2	UGG	144.8
VOC'S IN SOIL BY GC/MS	LM19	MNBK	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MNBK	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MNBK	BX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	MNBK	BD570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.032	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	STYR	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0026	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	STYR	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0026	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	STYR	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0026	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	STYR	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0026	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	STYR	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0026	UGG	117.5
VOC'S IN SOIL BY GC/MS	LM19	STYR	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.01	UGG	117.5
VOC'S IN SOIL BY GC/MS	LM19	STYR	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0026	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	STYR	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0026	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	STYR	BD570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0026	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	STYR	BX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0026	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	T13DCP	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	T13DCP	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	T13DCP	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	T13DCP	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	T13DCP	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0028	UGG	112.5
VOC'S IN SOIL BY GC/MS	LM19	T13DCP	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.01	UGG	112.5
VOC'S IN SOIL BY GC/MS	LM19	T13DCP	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	T13DCP	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	T13DCP	BX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	T13DCP	BD570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TCLEA	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0024	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TCLEA	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0024	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TCLEA	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0024	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN SOIL BY GC/MS	LM19	TCLEA	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0024	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TCLEA	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0024	UGG	122.6
VOC'S IN SOIL BY GC/MS	LM19	TCLEA	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.01	UGG	122.6
VOC'S IN SOIL BY GC/MS	LM19	TCLEA	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0024	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TCLEA	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0024	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TCLEA	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0024	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TCLEA	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0024	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TCLEE	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.00081	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TCLEE	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.00081	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TCLEE	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.00081	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TCLEE	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.00081	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TCLEE	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.00081	UGG	132.6
VOC'S IN SOIL BY GC/MS	LM19	TCLEE	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.004	UGG	132.6
VOC'S IN SOIL BY GC/MS	LM19	TCLEE	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.00081	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TCLEE	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.00081	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TCLEE	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.00081	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TCLEE	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.00081	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TRCLE	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TRCLE	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TRCLE	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TRCLE	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TRCLE	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0028	UGG	112.5
VOC'S IN SOIL BY GC/MS	LM19	TRCLE	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.01	UGG	112.5
VOC'S IN SOIL BY GC/MS	LM19	TRCLE	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TRCLE	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TRCLE	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	TRCLE	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0028	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	XYLEN	BXAX0215	DV4S*217	YGZG	27-SEP-95	02-OCT-95	<	.0015	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	XYLEN	BDAX0215	DV4S*442	YGAH	27-SEP-95	03-OCT-95	<	.0015	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	XYLEN	BXZW0100	DV4S*246	YGWG	19-SEP-95	26-SEP-95	<	.0015	UGG	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN SOIL BY GC/MS	LM19	XYLEN	BXZW0100	DV4S*435	YGYG	19-SEP-95	29-SEP-95	<	.0015	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	XYLEN	DX570300	DV4S*187	YGUG	13-SEP-95	19-SEP-95	<	.0015	UGG	136.8
VOC'S IN SOIL BY GC/MS	LM19	XYLEN	DD570300	DV4S*431	YGVG	13-SEP-95	20-SEP-95	<	.008	UGG	136.8
VOC'S IN SOIL BY GC/MS	LM19	XYLEN	DDZW0100	DV4S*400	YGSG	11-SEP-95	19-SEP-95	<	.0015	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	XYLEN	DXZW0100	DV4S*289	YGSG	11-SEP-95	18-SEP-95	<	.0015	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	XYLEN	EX570405	DV4S*104	YGWG	19-SEP-95	26-SEP-95	<	.0015	UGG	0.0
VOC'S IN SOIL BY GC/MS	LM19	XYLEN	ED570405	DV4S*436	YGWG	19-SEP-95	27-SEP-95	<	.0015	UGG	0.0
HG IN WATER BY CVAA	SB01	HG	MXAX03X1	DV4W*235	QJZC	31-OCT-95	24-NOV-95	<	.243	UGL	0.0
HG IN WATER BY CVAA	SB01	HG	MDAX03X1	DV4W*447	QJZC	31-OCT-95	24-NOV-95	<	.243	UGL	0.0
HG IN WATER BY CVAA	SB01	HG	MXG307X1	DV4W*165	QJZC	31-OCT-95	24-NOV-95	<	.243	UGL	0.0
HG IN WATER BY CVAA	SB01	HG	MDG307X1	DV4W*448	QJZC	31-OCT-95	24-NOV-95	<	.243	UGL	0.0
HG IN WATER BY CVAA	SB01	HG	MDZW12X3	DV4W*450	QJAD	02-NOV-95	29-NOV-95	<	.243	UGL	0.0
HG IN WATER BY CVAA	SB01	HG	MXZW12X3	DV4W*275	QJAD	02-NOV-95	29-NOV-95	<	.243	UGL	0.0
HG IN WATER BY CVAA	SB01	HG	WX5703XX	DV4W*202	QJRC	13-SEP-95	06-OCT-95	<	.243	UGL	0.0
HG IN WATER BY CVAA	SB01	HG	WD5703XX	DV4W*432	QJRC	13-SEP-95	06-OCT-95	<	.243	UGL	0.0
TL IN WATER BY GFAA	SD09	TL	MXAX03X1	DV4W*235	UCMB	31-OCT-95	27-NOV-95	<	6.99	UGL	0.0
TL IN WATER BY GFAA	SD09	TL	MDAX03X1	DV4W*447	UCMB	31-OCT-95	27-NOV-95	<	6.99	UGL	0.0
TL IN WATER BY GFAA	SD09	TL	MDG307X1	DV4W*448	UCMB	31-OCT-95	27-NOV-95	<	6.99	UGL	0.0
TL IN WATER BY GFAA	SD09	TL	MXG307X1	DV4W*165	UCMB	31-OCT-95	27-NOV-95	<	6.99	UGL	0.0
TL IN WATER BY GFAA	SD09	TL	MDZW12X3	DV4W*450	UCNB	02-NOV-95	01-DEC-95	<	6.99	UGL	0.0
TL IN WATER BY GFAA	SD09	TL	MXZW12X3	DV4W*275	UCNB	02-NOV-95	01-DEC-95	<	6.99	UGL	0.0
TL IN WATER BY GFAA	SD09	TL	WX5703XX	DV4W*202	UCHB	13-SEP-95	09-OCT-95	<	6.99	UGL	0.0
TL IN WATER BY GFAA	SD09	TL	WD5703XX	DV4W*432	UCHB	13-SEP-95	09-OCT-95	<	6.99	UGL	0.0
PB IN WATER BY GFAA	SD20	PB	MXAX03X1	DV4W*235	WCVF	31-OCT-95	28-NOV-95	<	1.26	UGL	0.0
PB IN WATER BY GFAA	SD20	PB	MDAX03X1	DV4W*447	WCVF	31-OCT-95	28-NOV-95	<	1.26	UGL	0.0
PB IN WATER BY GFAA	SD20	PB	MDG307X1	DV4W*448	WCVF	31-OCT-95	28-NOV-95	<	1.26	UGL	0.0
PB IN WATER BY GFAA	SD20	PB	MXG307X1	DV4W*165	WCVF	31-OCT-95	28-NOV-95	<	1.26	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
PB IN WATER BY GFAA	SD20	PB	MXZW12X3	DV4W*275	WCWF	02-NOV-95	01-DEC-95	<	1.26	UGL	102.3
PB IN WATER BY GFAA	SD20	PB	MDZW12X3	DV4W*450	WCWF	02-NOV-95	01-DEC-95		3.9	UGL	102.3
PB IN WATER BY GFAA	SD20	PB	WX5703XX	DV4W*202	WCPF	13-SEP-95	09-OCT-95	<	1.26	UGL	0.0
PB IN WATER BY GFAA	SD20	PB	WD5703XX	DV4W*432	WCPF	13-SEP-95	09-OCT-95	<	1.26	UGL	0.0
SB IN WATER BY GFAA	SD21	SB	MXAX03X1	DV4W*235	XCNF	31-OCT-95	27-NOV-95	<	3.02	UGL	0.0
SB IN WATER BY GFAA	SD21	SB	MDAX03X1	DV4W*447	XCNF	31-OCT-95	27-NOV-95	<	3.02	UGL	0.0
SB IN WATER BY GFAA	SD21	SB	MDG307X1	DV4W*448	XCNF	31-OCT-95	27-NOV-95	<	3.02	UGL	0.0
SB IN WATER BY GFAA	SD21	SB	MXG307X1	DV4W*165	XCNF	31-OCT-95	27-NOV-95	<	3.02	UGL	0.0
SB IN WATER BY GFAA	SD21	SB	MDZW12X3	DV4W*450	XCOF	02-NOV-95	30-NOV-95	<	3.02	UGL	0.0
SB IN WATER BY GFAA	SD21	SB	MXZW12X3	DV4W*275	XCOF	02-NOV-95	30-NOV-95	<	3.02	UGL	0.0
SB IN WATER BY GFAA	SD21	SB	WX5703XX	DV4W*202	XCIF	13-SEP-95	09-OCT-95	<	3.02	UGL	0.0
SB IN WATER BY GFAA	SD21	SB	WD5703XX	DV4W*432	XCIF	13-SEP-95	09-OCT-95	<	3.02	UGL	0.0
AS IN WATER BY GFAA	SD22	AS	MXAX03X1	DV4W*235	YCRF	31-OCT-95	29-NOV-95		4.26	UGL	22.2
AS IN WATER BY GFAA	SD22	AS	MDAX03X1	DV4W*447	YCRF	31-OCT-95	29-NOV-95		3.41	UGL	22.2
AS IN WATER BY GFAA	SD22	AS	MXG307X1	DV4W*165	YCRF	31-OCT-95	29-NOV-95	<	2.54	UGL	0.0
AS IN WATER BY GFAA	SD22	AS	MDG307X1	DV4W*448	YCRF	31-OCT-95	29-NOV-95	<	2.54	UGL	0.0
AS IN WATER BY GFAA	SD22	AS	MDZW12X3	DV4W*450	YCSF	02-NOV-95	30-NOV-95	<	2.54	UGL	0.0
AS IN WATER BY GFAA	SD22	AS	MXZW12X3	DV4W*275	YCSF	02-NOV-95	30-NOV-95	<	2.54	UGL	0.0
AS IN WATER BY GFAA	SD22	AS	WX5703XX	DV4W*202	YCMF	13-SEP-95	09-OCT-95		5.12	UGL	8.8
AS IN WATER BY GFAA	SD22	AS	WD5703XX	DV4W*432	YCMF	13-SEP-95	09-OCT-95		4.69	UGL	8.8
SB IN WATER BY GFAA	SD28	SB	MXAX03X1	DV4W*235	NFWD	31-OCT-95	29-NOV-95	<	3.03	UGL	0.0
SB IN WATER BY GFAA	SD28	SB	MDAX03X1	DV4W*447	NFWD	31-OCT-95	29-NOV-95	<	3.03	UGL	0.0
SB IN WATER BY GFAA	SD28	SB	MXG307X1	DV4W*165	NFWD	31-OCT-95	29-NOV-95	<	3.03	UGL	0.0
SB IN WATER BY GFAA	SD28	SB	MDG307X1	DV4W*448	NFWD	31-OCT-95	29-NOV-95	<	3.03	UGL	0.0
SB IN WATER BY GFAA	SD28	SB	MDZW12X3	DV4W*450	NFXD	02-NOV-95	30-NOV-95	<	3.03	UGL	0.0
SB IN WATER BY GFAA	SD28	SB	MXZW12X3	DV4W*275	NFXD	02-NOV-95	30-NOV-95	<	3.03	UGL	0.0
SB IN WATER BY GFAA	SD28	SB	WX5703XX	DV4W*202	NFRD	13-SEP-95	10-OCT-95	<	3.03	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
SB IN WATER BY GFAA	SD28	SB	WD5703XX	DV4W*432	NFRD	13-SEP-95	10-OCT-95	<	3.03	UGL	0.0
METALS IN WATER BY ICAP	SS10	AG	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95	<	4.6	UGL	0.0
METALS IN WATER BY ICAP	SS10	AG	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95	<	4.6	UGL	0.0
METALS IN WATER BY ICAP	SS10	AG	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95	<	4.6	UGL	0.0
METALS IN WATER BY ICAP	SS10	AG	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95	<	4.6	UGL	0.0
METALS IN WATER BY ICAP	SS10	AG	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95	<	4.6	UGL	0.0
METALS IN WATER BY ICAP	SS10	AG	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95	<	4.6	UGL	0.0
METALS IN WATER BY ICAP	SS10	AG	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95	<	4.6	UGL	0.0
METALS IN WATER BY ICAP	SS10	AG	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95	<	4.6	UGL	0.0
METALS IN WATER BY ICAP	SS10	AL	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95		948	UGL	17.2
METALS IN WATER BY ICAP	SS10	AL	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95		798	UGL	17.2
METALS IN WATER BY ICAP	SS10	AL	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95		168	UGL	17.5
METALS IN WATER BY ICAP	SS10	AL	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95	<	141	UGL	17.5
METALS IN WATER BY ICAP	SS10	AL	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95		198	UGL	6.8
METALS IN WATER BY ICAP	SS10	AL	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95		185	UGL	6.8
METALS IN WATER BY ICAP	SS10	AL	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95	<	141	UGL	0.0
METALS IN WATER BY ICAP	SS10	AL	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95	<	141	UGL	0.0
METALS IN WATER BY ICAP	SS10	BA	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95		30.1	UGL	6.1
METALS IN WATER BY ICAP	SS10	BA	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95		32	UGL	6.1
METALS IN WATER BY ICAP	SS10	BA	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95		15.9	UGL	3.2
METALS IN WATER BY ICAP	SS10	BA	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95		15.4	UGL	3.2
METALS IN WATER BY ICAP	SS10	BA	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95	<	5	UGL	0.0
METALS IN WATER BY ICAP	SS10	BA	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95	<	5	UGL	0.0
METALS IN WATER BY ICAP	SS10	BA	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95		13.7	UGL	9.2
METALS IN WATER BY ICAP	SS10	BA	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95		12.5	UGL	9.2
METALS IN WATER BY ICAP	SS10	BE	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95	<	5	UGL	0.0
METALS IN WATER BY ICAP	SS10	BE	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95	<	5	UGL	0.0
METALS IN WATER BY ICAP	SS10	BE	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95	<	5	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
METALS IN WATER BY ICAP	SS10	BE	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95	<	5	UGL	0.0
METALS IN WATER BY ICAP	SS10	BE	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95	<	5	UGL	0.0
METALS IN WATER BY ICAP	SS10	BE	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95	<	5	UGL	0.0
METALS IN WATER BY ICAP	SS10	BE	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95	<	5	UGL	0.0
METALS IN WATER BY ICAP	SS10	BE	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95	<	5	UGL	0.0
METALS IN WATER BY ICAP	SS10	CA	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95		60300	UGL	8.3
METALS IN WATER BY ICAP	SS10	CA	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95		55500	UGL	8.3
METALS IN WATER BY ICAP	SS10	CA	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95		11900	UGL	.8
METALS IN WATER BY ICAP	SS10	CA	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95		11800	UGL	.8
METALS IN WATER BY ICAP	SS10	CA	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95		19300	UGL	3.2
METALS IN WATER BY ICAP	SS10	CA	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95		18700	UGL	3.2
METALS IN WATER BY ICAP	SS10	CA	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95		25400	UGL	8.6
METALS IN WATER BY ICAP	SS10	CA	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95		23300	UGL	8.6
METALS IN WATER BY ICAP	SS10	CD	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95	<	4.01	UGL	0.0
METALS IN WATER BY ICAP	SS10	CD	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95	<	4.01	UGL	0.0
METALS IN WATER BY ICAP	SS10	CD	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95	<	4.01	UGL	0.0
METALS IN WATER BY ICAP	SS10	CD	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95	<	4.01	UGL	0.0
METALS IN WATER BY ICAP	SS10	CD	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95	<	4.01	UGL	0.0
METALS IN WATER BY ICAP	SS10	CD	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95	<	4.01	UGL	0.0
METALS IN WATER BY ICAP	SS10	CD	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95	<	4.01	UGL	0.0
METALS IN WATER BY ICAP	SS10	CD	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95	<	4.01	UGL	0.0
METALS IN WATER BY ICAP	SS10	CO	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95	<	25	UGL	0.0
METALS IN WATER BY ICAP	SS10	CO	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95	<	25	UGL	0.0
METALS IN WATER BY ICAP	SS10	CO	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95	<	25	UGL	0.0
METALS IN WATER BY ICAP	SS10	CO	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95	<	25	UGL	0.0
METALS IN WATER BY ICAP	SS10	CO	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95	<	25	UGL	0.0
METALS IN WATER BY ICAP	SS10	CO	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95	<	25	UGL	0.0
METALS IN WATER BY ICAP	SS10	CO	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95	<	25	UGL	0.0
METALS IN WATER BY ICAP	SS10	CO	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95	<	25	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
METALS IN WATER BY ICAP	SS10	CR	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95	<	6.02	UGL	0.0
METALS IN WATER BY ICAP	SS10	CR	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95	<	6.02	UGL	0.0
METALS IN WATER BY ICAP	SS10	CR	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95	<	6.02	UGL	0.0
METALS IN WATER BY ICAP	SS10	CR	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95	<	6.02	UGL	0.0
METALS IN WATER BY ICAP	SS10	CR	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95	<	6.02	UGL	0.0
METALS IN WATER BY ICAP	SS10	CR	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95	<	6.02	UGL	0.0
METALS IN WATER BY ICAP	SS10	CR	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95	<	6.02	UGL	0.0
METALS IN WATER BY ICAP	SS10	CR	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95	<	6.02	UGL	0.0
METALS IN WATER BY ICAP	SS10	CU	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95	<	8.09	UGL	0.0
METALS IN WATER BY ICAP	SS10	CU	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95	<	8.09	UGL	0.0
METALS IN WATER BY ICAP	SS10	CU	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95	<	8.09	UGL	0.0
METALS IN WATER BY ICAP	SS10	CU	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95	<	8.09	UGL	0.0
METALS IN WATER BY ICAP	SS10	CU	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95	<	8.09	UGL	0.0
METALS IN WATER BY ICAP	SS10	CU	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95	<	8.09	UGL	0.0
METALS IN WATER BY ICAP	SS10	CU	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95	<	8.09	UGL	99.2
METALS IN WATER BY ICAP	SS10	CU	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95		24	UGL	99.2
METALS IN WATER BY ICAP	SS10	FE	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95		1430	UGL	22.6
METALS IN WATER BY ICAP	SS10	FE	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95		1140	UGL	22.6
METALS IN WATER BY ICAP	SS10	FE	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95		247	UGL	58.6
METALS IN WATER BY ICAP	SS10	FE	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95		135	UGL	58.6
METALS IN WATER BY ICAP	SS10	FE	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95		249	UGL	27.9
METALS IN WATER BY ICAP	SS10	FE	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95		188	UGL	27.9
METALS IN WATER BY ICAP	SS10	FE	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95		687	UGL	29.2
METALS IN WATER BY ICAP	SS10	FE	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95		512	UGL	29.2
METALS IN WATER BY ICAP	SS10	K	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95		3250	UGL	9.7
METALS IN WATER BY ICAP	SS10	K	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95		2950	UGL	9.7
METALS IN WATER BY ICAP	SS10	K	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95		2240	UGL	6.0
METALS IN WATER BY ICAP	SS10	K	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95		2110	UGL	6.0
METALS IN WATER BY ICAP	SS10	K	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95		1750	UGL	5.9
METALS IN WATER BY ICAP	SS10	K	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95		1650	UGL	5.9

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
METALS IN WATER BY ICAP	SS10	K	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95		1870	UGL	28.0
METALS IN WATER BY ICAP	SS10	K	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95		1410	UGL	28.0
METALS IN WATER BY ICAP	SS10	MG	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95		22200	UGL	28.3
METALS IN WATER BY ICAP	SS10	MG	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95		16700	UGL	28.3
METALS IN WATER BY ICAP	SS10	MG	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95		668	UGL	.6
METALS IN WATER BY ICAP	SS10	MG	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95		664	UGL	.6
METALS IN WATER BY ICAP	SS10	MG	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95		2040	UGL	3.5
METALS IN WATER BY ICAP	SS10	MG	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95		1970	UGL	3.5
METALS IN WATER BY ICAP	SS10	MG	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95		3760	UGL	8.0
METALS IN WATER BY ICAP	SS10	MG	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95		3470	UGL	8.0
METALS IN WATER BY ICAP	SS10	MN	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95		2900	UGL	16.0
METALS IN WATER BY ICAP	SS10	MN	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95		2470	UGL	16.0
METALS IN WATER BY ICAP	SS10	MN	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95		6.88	UGL	78.8
METALS IN WATER BY ICAP	SS10	MN	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95		2.99	UGL	78.8
METALS IN WATER BY ICAP	SS10	MN	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95		10.9	UGL	19.1
METALS IN WATER BY ICAP	SS10	MN	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95		9	UGL	19.1
METALS IN WATER BY ICAP	SS10	MN	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95		123	UGL	3.3
METALS IN WATER BY ICAP	SS10	MN	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95		119	UGL	3.3
METALS IN WATER BY ICAP	SS10	NA	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95		60800	UGL	.3
METALS IN WATER BY ICAP	SS10	NA	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95		60600	UGL	.3
METALS IN WATER BY ICAP	SS10	NA	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95		39100	UGL	1.8
METALS IN WATER BY ICAP	SS10	NA	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95		38400	UGL	1.8
METALS IN WATER BY ICAP	SS10	NA	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95		27500	UGL	3.7
METALS IN WATER BY ICAP	SS10	NA	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95		26500	UGL	3.7
METALS IN WATER BY ICAP	SS10	NA	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95		20000	UGL	6.7
METALS IN WATER BY ICAP	SS10	NA	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95		18700	UGL	6.7
METALS IN WATER BY ICAP	SS10	NI	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95	<	34.3	UGL	0.0
METALS IN WATER BY ICAP	SS10	NI	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95	<	34.3	UGL	0.0
METALS IN WATER BY ICAP	SS10	NI	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95	<	34.3	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
METALS IN WATER BY ICAP	SS10	NI	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95	<	34.3	UGL	0.0
METALS IN WATER BY ICAP	SS10	NI	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95	<	34.3	UGL	0.0
METALS IN WATER BY ICAP	SS10	NI	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95	<	34.3	UGL	0.0
METALS IN WATER BY ICAP	SS10	NI	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95	<	34.3	UGL	0.0
METALS IN WATER BY ICAP	SS10	NI	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95	<	34.3	UGL	0.0
METALS IN WATER BY ICAP	SS10	V	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95	<	11	UGL	0.0
METALS IN WATER BY ICAP	SS10	V	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95	<	11	UGL	0.0
METALS IN WATER BY ICAP	SS10	V	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95	<	11	UGL	0.0
METALS IN WATER BY ICAP	SS10	V	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95	<	11	UGL	0.0
METALS IN WATER BY ICAP	SS10	V	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95	<	11	UGL	0.0
METALS IN WATER BY ICAP	SS10	V	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95	<	11	UGL	0.0
METALS IN WATER BY ICAP	SS10	V	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95	<	11	UGL	0.0
METALS IN WATER BY ICAP	SS10	V	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95	<	11	UGL	0.0
METALS IN WATER BY ICAP	SS10	ZN	MDAX03X1	DV4W*447	ZFSF	31-OCT-95	27-NOV-95	<	21.1	UGL	0.0
METALS IN WATER BY ICAP	SS10	ZN	MXAX03X1	DV4W*235	ZFSF	31-OCT-95	27-NOV-95	<	21.1	UGL	0.0
METALS IN WATER BY ICAP	SS10	ZN	MDG307X1	DV4W*448	ZFSF	31-OCT-95	27-NOV-95	<	21.1	UGL	0.0
METALS IN WATER BY ICAP	SS10	ZN	MXG307X1	DV4W*165	ZFSF	31-OCT-95	27-NOV-95	<	21.1	UGL	0.0
METALS IN WATER BY ICAP	SS10	ZN	MDZW12X3	DV4W*450	ZFTF	02-NOV-95	28-NOV-95	<	21.1	UGL	0.0
METALS IN WATER BY ICAP	SS10	ZN	MXZW12X3	DV4W*275	ZFTF	02-NOV-95	28-NOV-95	<	21.1	UGL	0.0
METALS IN WATER BY ICAP	SS10	ZN	WX5703XX	DV4W*202	ZFLF	13-SEP-95	03-OCT-95	<	21.1	UGL	0.0
METALS IN WATER BY ICAP	SS10	ZN	WD5703XX	DV4W*432	ZFLF	13-SEP-95	03-OCT-95	<	21.1	UGL	0.0
NO2, NO3 IN WATER	TF22	NIT	MXAX03X1	DV4W*235	ZGUC	31-OCT-95	13-NOV-95		76.2	UGL	85.5
NO2, NO3 IN WATER	TF22	NIT	MDAX03X1	DV4W*447	ZGUC	31-OCT-95	13-NOV-95		190	UGL	85.5
NO2, NO3 IN WATER	TF22	NIT	MXG307X1	DV4W*165	ZGUC	31-OCT-95	13-NOV-95		1300	UGL	26.1
NO2, NO3 IN WATER	TF22	NIT	MDG307X1	DV4W*448	ZGUC	31-OCT-95	13-NOV-95		1000	UGL	26.1
NO2, NO3 IN WATER	TF22	NIT	MXZW12X3	DV4W*275	ZGWC	02-NOV-95	28-NOV-95		3400	UGL	9.2
NO2, NO3 IN WATER	TF22	NIT	MDZW12X3	DV4W*450	ZGWC	02-NOV-95	28-NOV-95		3100	UGL	9.2
NO2, NO3 IN WATER	TF22	NIT	WX5703XX	DV4W*202	ZGRC	13-SEP-95	03-OCT-95		137	UGL	6.0
NO2, NO3 IN WATER	TF22	NIT	WD5703XX	DV4W*432	ZGRC	13-SEP-95	03-OCT-95		129	UGL	6.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
N2KJEL IN WATER	TF26	N2KJEL	MDAX03X1	DV4W*447	SHWA	31-OCT-95	22-NOV-95		1140	UGL	8.2
N2KJEL IN WATER	TF26	N2KJEL	MXAX03X1	DV4W*235	SHWA	31-OCT-95	22-NOV-95		1050	UGL	8.2
N2KJEL IN WATER	TF26	N2KJEL	MXG307X1	DV4W*165	SHWA	31-OCT-95	22-NOV-95	<	183	UGL	1.1
N2KJEL IN WATER	TF26	N2KJEL	MDG307X1	DV4W*448	SHWA	31-OCT-95	22-NOV-95		181	UGL	1.1
N2KJEL IN WATER	TF26	N2KJEL	MDZW12X3	DV4W*450	SHXA	02-NOV-95	28-NOV-95		1050	UGL	9.8
N2KJEL IN WATER	TF26	N2KJEL	MXZW12X3	DV4W*275	SHXA	02-NOV-95	28-NOV-95		952	UGL	9.8
N2KJEL IN WATER	TF26	N2KJEL	WD5703XX	DV4W*432	SHVA	13-SEP-95	28-SEP-95		1430	UGL	144.8
N2KJEL IN WATER	TF26	N2KJEL	WX5703XX	DV4W*202	SHVA	13-SEP-95	28-SEP-95		229	UGL	144.8
TOT. PO4 IN WATER	TF27	PO4	MXAX03X1	DV4W*235	WHFB	31-OCT-95	21-NOV-95		55.4	UGL	.5
TOT. PO4 IN WATER	TF27	PO4	MDAX03X1	DV4W*447	WHFB	31-OCT-95	21-NOV-95		55.1	UGL	.5
TOT. PO4 IN WATER	TF27	PO4	MXG307X1	DV4W*165	WHFB	31-OCT-95	21-NOV-95		18.2	UGL	31.1
TOT. PO4 IN WATER	TF27	PO4	MDG307X1	DV4W*448	WHFB	31-OCT-95	21-NOV-95	<	13.3	UGL	31.1
TOT. PO4 IN WATER	TF27	PO4	MXZW12X3	DV4W*275	WHFB	02-NOV-95	21-NOV-95		2200	UGL	9.5
TOT. PO4 IN WATER	TF27	PO4	MDZW12X3	DV4W*450	WHFB	02-NOV-95	21-NOV-95		2000	UGL	9.5
TOT. PO4 IN WATER	TF27	PO4	WX5703XX	DV4W*202	WHCB	13-SEP-95	25-SEP-95		24.8	UGL	130.5
TOT. PO4 IN WATER	TF27	PO4	WD5703XX	DV4W*432	WHCB	13-SEP-95	25-SEP-95		118	UGL	130.5
SO4 IN WATER	TT10	CL	MDAX03X1	DV4W*447	PDKC	31-OCT-95	22-NOV-95		50000	UGL	35.3
SO4 IN WATER	TT10	CL	MXAX03X1	DV4W*235	PDJC	31-OCT-95	16-NOV-95		35000	UGL	35.3
SO4 IN WATER	TT10	CL	MDG307X1	DV4W*448	PDKC	31-OCT-95	22-NOV-95		66000	UGL	0.0
SO4 IN WATER	TT10	CL	MXG307X1	DV4W*165	PDJC	31-OCT-95	16-NOV-95		66000	UGL	0.0
SO4 IN WATER	TT10	CL	MXZW12X3	DV4W*275	PDKC	02-NOV-95	22-NOV-95		44000	UGL	4.7
SO4 IN WATER	TT10	CL	MDZW12X3	DV4W*450	PDKC	02-NOV-95	22-NOV-95		42000	UGL	4.7
SO4 IN WATER	TT10	CL	WX5703XX	DV4W*202	PDGC	13-SEP-95	18-SEP-95		44000	UGL	0.0
SO4 IN WATER	TT10	CL	WD5703XX	DV4W*432	PDGC	13-SEP-95	18-SEP-95		44000	UGL	0.0
SO4 IN WATER	TT10	SO4	MXAX03X1	DV4W*235	PDJC	31-OCT-95	16-NOV-95		43000	UGL	2.4
SO4 IN WATER	TT10	SO4	MDAX03X1	DV4W*447	PDKC	31-OCT-95	22-NOV-95		42000	UGL	2.4

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
SO4 IN WATER	TT10	SO4	MXG307X1	DV4W*165	PDJC	31-OCT-95	16-NOV-95		15000	UGL	0.0
SO4 IN WATER	TT10	SO4	MDG307X1	DV4W*448	PDKC	31-OCT-95	22-NOV-95		15000	UGL	0.0
SO4 IN WATER	TT10	SO4	MDZW12X3	DV4W*450	PDKC	02-NOV-95	22-NOV-95		16000	UGL	0.0
SO4 IN WATER	TT10	SO4	MXZW12X3	DV4W*275	PDKC	02-NOV-95	22-NOV-95		16000	UGL	0.0
SO4 IN WATER	TT10	SO4	WX5703XX	DV4W*202	PDGC	13-SEP-95	18-SEP-95		13000	UGL	0.0
SO4 IN WATER	TT10	SO4	WD5703XX	DV4W*432	PDGC	13-SEP-95	18-SEP-95		13000	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	1.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	1.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	1.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	1.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	1.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	1.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	1.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	1.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	12DCLB	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	12DCLB	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	12DCLB	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	12DCLB	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	12DCLB	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	12DCLB	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	12DCLB	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	12DCLB	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	12DPH	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	12DPH	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	12DPH	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	12DPH	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	12DPH	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	12DPH	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	12DPH	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	2	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	12DPH	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	13DCLB	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	13DCLB	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	13DCLB	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA!S IN WATER BY GC/MS	UM18	13DCLB	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	13DCLB	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	13DCLB	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	13DCLB	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	13DCLB	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	14DCLB	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	14DCLB	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	14DCLB	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	14DCLB	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	14DCLB	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	14DCLB	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	14DCLB	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	14DCLB	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	246TCP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	246TCP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	246TCP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	246TCP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4.2	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	246TCP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	246TCP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	246TCP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	246TCP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	2.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	2.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	2.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	2.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	2.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	2.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	2.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	2.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DMPN	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	5.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DMPN	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	5.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DMPN	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	5.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DMPN	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	5.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DMPN	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	5.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DMPN	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	5.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DMPN	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	5.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DMPN	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	5.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DNT	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4.5	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	24DNT	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DNT	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DNT	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DNT	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DNT	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DNT	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	24DNT	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	26DNT	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	.79	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	26DNT	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	.79	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	26DNT	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	.79	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	26DNT	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	.79	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	26DNT	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	.79	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	26DNT	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	.79	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	26DNT	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	.79	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	26DNT	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	.79	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	.99	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	.99	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	.99	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	.99	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	.99	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	.99	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	.99	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	.99	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2CNAP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2CNAP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2CNAP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2CNAP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2CNAP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2CNAP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2CNAP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	.5	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	2CNAP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	3.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	3.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	3.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	3.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	3.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	3.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	3.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2MP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	3.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2NP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2NP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2NP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2NP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	3.7	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	2NP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2NP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2NP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	2NP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	3NANIL	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	3NANIL	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	3NANIL	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	3NANIL	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	3NANIL	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	3NANIL	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	3NANIL	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	3NANIL	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	17	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	17	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	17	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	17	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	17	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	17	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	17	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	17	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4.2	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CANIL	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	7.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CANIL	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	7.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CANIL	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	7.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CANIL	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	7.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CANIL	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	7.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CANIL	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	7.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CANIL	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	7.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CANIL	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	7.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	5.1	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4MP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	.52	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4MP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	.52	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4MP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	.52	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4MP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	.52	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4MP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	.52	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4MP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	.52	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4MP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	.52	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4MP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	.52	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NANIL	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NANIL	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NANIL	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NANIL	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NANIL	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NANIL	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NANIL	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NANIL	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	5.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	4NP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	12	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ABHC	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ABHC	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ABHC	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ABHC	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	ABHC	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ABHC	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ABHC	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ABHC	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	AENSLF	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	AENSLF	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	AENSLF	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	AENSLF	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	AENSLF	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	AENSLF	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	AENSLF	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	AENSLF	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CEXM	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CEXM	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CEXM	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CEXM	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CEXM	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CEXM	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CEXM	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	1.5	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	B2CHXM	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	5.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	5.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	5.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	5.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	5.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	5.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	5.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	5.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	1.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	1.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	1.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	1.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	1.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	1.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	1.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	1.9	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2EHP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4.8	UGL	6.5
BNA'S IN WATER BY GC/MS	UM18	B2EHP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95		4.5	UGL	6.5
BNA'S IN WATER BY GC/MS	UM18	B2EHP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2EHP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2EHP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2EHP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2EHP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	B2EHP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BAANTR	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	1.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BAANTR	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	1.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BAANTR	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	1.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BAANTR	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	1.6	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	BAANTR	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	1.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BAANTR	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	1.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BAANTR	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	1.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BAANTR	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	1.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBFANT	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	5.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBFANT	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	5.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBFANT	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	5.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBFANT	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	5.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBFANT	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	5.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBFANT	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	5.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBFANT	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	5.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBFANT	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	5.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBZP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	3.4	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	BBZP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	3.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBZP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	3.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBZP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	3.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBZP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	3.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBZP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	3.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBZP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	3.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BBZP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	3.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENSLF	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENSLF	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENSLF	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENSLF	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENSLF	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENSLF	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENSLF	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENSLF	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	10	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	10	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	10	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	10	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	10	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	10	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	10	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	10	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENZOA	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	13	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENZOA	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	13	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENZOA	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	13	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENZOA	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	13	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENZOA	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	13	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENZOA	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	13	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BENZOA	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	13	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	BENZOA	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	13	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	6.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	6.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	6.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	6.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	6.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	6.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	6.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	6.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BKFANT	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	.87	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BKFANT	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	.87	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BKFANT	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	.87	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BKFANT	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	.87	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BKFANT	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	.87	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BKFANT	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	.87	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BKFANT	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	.87	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BKFANT	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	.87	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	.72	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	.72	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	.72	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	.72	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	.72	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	.72	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	.72	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	.72	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	2.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	2.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	2.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	2.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	2.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	2.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	2.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	2.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	1.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	1.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	1.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	1.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	1.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	1.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	1.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	1.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6ET	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	1.5	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	CL6BT	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6BT	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6BT	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6BT	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6BT	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6BT	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	CL6BT	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBAHA	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	6.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBAHA	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	6.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBAHA	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	6.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBAHA	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	6.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBAHA	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	6.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBAHA	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	6.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBAHA	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	6.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBAHA	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	6.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	1.7	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	1.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DEP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DEP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DEP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95		2.4	UGL	18.2
BNA'S IN WATER BY GC/MS	UM18	DEP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	18.2
BNA'S IN WATER BY GC/MS	UM18	DEP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DEP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DEP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DEP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DLDRN	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DLDRN	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DLDRN	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DLDRN	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DLDRN	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DLDRN	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DLDRN	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DLDRN	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DMP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DMP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DMP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DMP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DMP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DMP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DMP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DMP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	1.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DNBP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DNBP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DNBP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DNBP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	3.7	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	DNBP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DNBP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DNBP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DNBP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	15	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	15	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	15	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	15	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	15	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	15	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	15	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	15	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRN	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	7.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRN	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	7.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRN	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	7.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRN	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	7.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRN	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	7.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRN	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	7.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRN	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	7.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRN	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	7.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	8	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ESFSO4	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ESFSO4	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ESFSO4	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ESFSO4	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ESFSO4	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ESFSO4	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ESFSO4	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ESFSO4	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	FANT	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	3.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	FANT	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	3.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	FANT	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	3.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	FANT	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	3.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	FANT	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	3.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	FANT	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	3.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	FANT	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	3.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	FANT	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	3.3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	FLRENE	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	FLRENE	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	FLRENE	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	FLRENE	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	FLRENE	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	FLRENE	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	FLRENE	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	3.7	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	FLRENE	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	3.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	3.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	3.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	3.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	3.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	3.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	3.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	3.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	3.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HPCLE	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HPCLE	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HPCLE	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HPCLE	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	5	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	HPCLB	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HPCLB	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HPCLB	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	HPCLB	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	8.6	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	LIN	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	LIN	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	LIN	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	LIN	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	LIN	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	LIN	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	LIN	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	LIN	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	5.1	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NAP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NAP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NAP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NAP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NAP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NAP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NAP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NAP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NB	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NB	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NB	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NB	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NB	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NB	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NB	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NB	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	2	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4.4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	3	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB221	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB221	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB221	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB221	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	PCB221	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB221	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB221	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB221	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB232	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB232	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB232	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB232	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB232	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB232	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB232	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB232	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	21	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	30	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB254	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	36	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	PCB254	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB254	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB254	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB254	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB254	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB254	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB254	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB260	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB260	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB260	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB260	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB260	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB260	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB260	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCB260	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCP	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	18	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCP	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	18	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCP	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	18	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCP	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	18	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCP	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	18	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCP	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	18	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCP	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	18	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PCP	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	18	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PHANTR	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PHANTR	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PHANTR	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PHANTR	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PHANTR	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PHANTR	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PHANTR	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	.5	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	PHANTR	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	.5	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PHENOL	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PHENOL	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PHENOL	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PHENOL	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PHENOL	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PHENOL	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PHENOL	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PHENOL	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	4.7	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDT	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDT	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDT	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDT	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	9.2	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	PPDDT	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDT	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDT	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PPDDT	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	9.2	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PYR	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	2.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PYR	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	2.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PYR	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	2.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PYR	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	2.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PYR	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	2.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PYR	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	2.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PYR	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	2.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	PYR	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	2.8	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	MDZW12X3	DV4W*450	WDHI	02-NOV-95	05-DEC-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	MXZW12X3	DV4W*275	WDHI	02-NOV-95	05-DEC-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	WX5703XX	DV4W*202	WDWH	13-SEP-95	26-SEP-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	WD5703XX	DV4W*432	WDWH	13-SEP-95	27-SEP-95	<	36	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	UNK522	MDAX03X1	DV4W*447	WDFI	31-OCT-95	13-NOV-95		10	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	UNK522	MXAX03X1	DV4W*235	WDFI	31-OCT-95	13-NOV-95		10	UGL	0.0
BNA'S IN WATER BY GC/MS	UM18	UNK522	MXG307X1	DV4W*165	WDFI	31-OCT-95	13-NOV-95		10	UGL	22.2
BNA'S IN WATER BY GC/MS	UM18	UNK522	MDG307X1	DV4W*448	WDFI	31-OCT-95	13-NOV-95		8	UGL	22.2
VOC'S IN WATER BY GC/MS	UM20	111TCE	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	111TCE	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	111TCE	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	111TCE	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.5	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	111TCE	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	111TCE	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	111TCE	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	111TCE	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	112TCE	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	1.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	112TCE	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	1.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	112TCE	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	1.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	112TCE	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	1.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	112TCE	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	1.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	112TCE	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	1.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	112TCE	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	1.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	112TCE	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	1.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.68	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.68	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.68	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.68	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.68	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.68	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.68	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.68	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCE	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	12DCE	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCE	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCE	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCE	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCE	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCE	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCE	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLE	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLE	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLE	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLE	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLE	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLE	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLE	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLE	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.71	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.71	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.71	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.71	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.71	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.71	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.71	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.71	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACET	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	13	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACET	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	13	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACET	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	13	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACET	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	13	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACET	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	13	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACET	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	13	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACET	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	13	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACET	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	13	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	100	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.59	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.59	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.59	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.59	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.59	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.59	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.59	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.59	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C13DCP	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.58	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C13DCP	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.58	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C13DCP	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.58	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C13DCP	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.58	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C13DCP	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.58	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C13DCP	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.58	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C13DCP	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.58	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C13DCP	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.58	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	8.3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	8.3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	8.3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	8.3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	8.3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	8.3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	8.3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	8.3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	2.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	2.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	2.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	2.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	2.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	2.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	2.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	2.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	1.9	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	1.9	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	1.9	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	1.9	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	1.9	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	1.9	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	1.9	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	1.9	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	1.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	1.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	1.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	1.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	1.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	1.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	1.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	1.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CCL4	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.58	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CCL4	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.58	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CCL4	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.58	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CCL4	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.58	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CCL4	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.58	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CCL4	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.58	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CCL4	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.58	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	CCL4	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.58	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	2.3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	2.3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	2.3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	2.3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	2.3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	2.3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95		2.4	UGL	4.3
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	2.3	UGL	4.3
VOC'S IN WATER BY GC/MS	UM20	CH3BR	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	5.8	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH3BR	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	5.8	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH3BR	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	5.8	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH3BR	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	5.8	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH3BR	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	5.8	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH3BR	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	5.8	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH3BR	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	5.8	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH3BR	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	5.8	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	3.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	3.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	3.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	3.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	3.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	3.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	3.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	3.2	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CHBR3	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	2.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CHBR3	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	2.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CHBR3	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	2.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CHBR3	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	2.6	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	CHBR3	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	2.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CHBR3	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	2.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CHBR3	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	2.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CHBR3	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	2.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CHCL3	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95		.67	UGL	29.1
VOC'S IN WATER BY GC/MS	UM20	CHCL3	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	29.1
VOC'S IN WATER BY GC/MS	UM20	CHCL3	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95		.53	UGL	5.8
VOC'S IN WATER BY GC/MS	UM20	CHCL3	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	5.8
VOC'S IN WATER BY GC/MS	UM20	CHCL3	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95		.55	UGL	9.5
VOC'S IN WATER BY GC/MS	UM20	CHCL3	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.5	UGL	9.5
VOC'S IN WATER BY GC/MS	UM20	CHCL3	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CHCL3	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	10	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	10	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	10	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	10	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	10	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	10	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	10	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	10	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CS2	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	CS2	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CS2	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CS2	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CS2	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CS2	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CS2	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	CS2	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.67	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.67	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.67	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.67	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.67	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.67	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.67	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.67	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.5	UGL	169.2
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95		6	UGL	169.2
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	ISOPBZ	MX5703X1	DV4W*171	XDJN	02-NOV-95	07-NOV-95		100	UGL	66.7
VOC'S IN WATER BY GC/MS	UM20	ISOPBZ	MX5703X1	DV4W*171	XDJN	02-NOV-95	07-NOV-95		50	UGL	66.7
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.5	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MEK	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	6.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MEK	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	6.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MEK	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	6.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MEK	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	6.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MEK	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	6.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MEK	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	6.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MEK	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	6.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MEK	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	6.4	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	3	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	3.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	3.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	3.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	3.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	3.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	3.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	3.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	3.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	STYR	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0

Chemical Quality Control Report
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Group 2, 7 Sites

SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	STYR	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	STYR	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	STYR	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	STYR	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	STYR	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	STYR	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	STYR	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	T13DCP	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.7	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	T13DCP	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.7	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	T13DCP	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.7	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	T13DCP	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.7	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	T13DCP	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.7	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	T13DCP	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.7	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	T13DCP	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.7	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	T13DCP	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.7	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.51	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.51	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.51	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.51	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.51	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.51	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.51	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.51	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TCLEE	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	1.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TCLEE	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	1.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TCLEE	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	1.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TCLEE	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	1.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TCLEE	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	1.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TCLEE	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	1.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TCLEE	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	1.6	UGL	0.0

Chemical Quality Control Report
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SAMPLE DUPLICATES (NON-FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	TCLEE	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	1.6	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TRCLE	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TRCLE	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TRCLE	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TRCLE	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TRCLE	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TRCLE	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TRCLE	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	TRCLE	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.5	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	XYLEN	MXAX03X1	DV4W*235	XDJN	31-OCT-95	07-NOV-95	<	.84	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	XYLEN	MDAX03X1	DV4W*447	XDJN	31-OCT-95	07-NOV-95	<	.84	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	XYLEN	MDG307X1	DV4W*448	XDJN	31-OCT-95	07-NOV-95	<	.84	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	XYLEN	MXG307X1	DV4W*165	XDJN	31-OCT-95	06-NOV-95	<	.84	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	XYLEN	MXZW12X3	DV4W*275	XDJN	02-NOV-95	07-NOV-95	<	.84	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	XYLEN	MDZW12X3	DV4W*450	XDKN	02-NOV-95	07-NOV-95	<	.84	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	XYLEN	WD5703XX	DV4W*432	XDOM	13-SEP-95	21-SEP-95	<	.84	UGL	0.0
VOC'S IN WATER BY GC/MS	UM20	XYLEN	WX5703XX	DV4W*202	XDNM	13-SEP-95	20-SEP-95	<	.84	UGL	0.0

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TABLE D-19

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
HG IN WATER BY CVAA	SB01	HG	MXAX03X1	DV4F*235	QJZC	31-OCT-95	24-NOV-95	<	.243	UGL	0.0
HG IN WATER BY CVAA	SB01	HG	MDAX03X1	DV4F*447	QJZC	31-OCT-95	24-NOV-95	<	.243	UGL	0.0
HG IN WATER BY CVAA	SB01	HG	MDG307X1	DV4F*448	QJZC	31-OCT-95	24-NOV-95	<	.243	UGL	0.0
HG IN WATER BY CVAA	SB01	HG	MXG307X1	DV4F*165	QJZC	31-OCT-95	24-NOV-95	<	.243	UGL	0.0
HG IN WATER BY CVAA	SB01	HG	MDZW12X3	DV4F*450	QJAD	02-NOV-95	29-NOV-95	<	.243	UGL	0.0
HG IN WATER BY CVAA	SB01	HG	MXZW12X3	DV4F*275	QJAD	02-NOV-95	29-NOV-95	<	.243	UGL	0.0
TL IN WATER BY GFAA	SD09	TL	MXAX03X1	DV4F*235	UCMB	31-OCT-95	27-NOV-95	<	6.99	UGL	0.0
TL IN WATER BY GFAA	SD09	TL	MDAX03X1	DV4F*447	UCMB	31-OCT-95	27-NOV-95	<	6.99	UGL	0.0
TL IN WATER BY GFAA	SD09	TL	MDG307X1	DV4F*448	UCMB	31-OCT-95	27-NOV-95	<	6.99	UGL	0.0
TL IN WATER BY GFAA	SD09	TL	MXG307X1	DV4F*165	UCMB	31-OCT-95	27-NOV-95	<	6.99	UGL	0.0
TL IN WATER BY GFAA	SD09	TL	MDZW12X3	DV4F*450	UCNB	02-NOV-95	01-DEC-95	<	6.99	UGL	0.0
TL IN WATER BY GFAA	SD09	TL	MXZW12X3	DV4F*275	UCNB	02-NOV-95	01-DEC-95	<	6.99	UGL	0.0
PB IN WATER BY GFAA	SD20	PB	MXAX03X1	DV4F*235	WCVF	31-OCT-95	28-NOV-95	<	1.26	UGL	0.0
PB IN WATER BY GFAA	SD20	PB	MDAX03X1	DV4F*447	WCVF	31-OCT-95	28-NOV-95	<	1.26	UGL	0.0
PB IN WATER BY GFAA	SD20	PB	MXG307X1	DV4F*165	WCVF	31-OCT-95	28-NOV-95	<	1.26	UGL	0.0
PB IN WATER BY GFAA	SD20	PB	MDG307X1	DV4F*448	WCVF	31-OCT-95	28-NOV-95	<	1.26	UGL	0.0
PB IN WATER BY GFAA	SD20	PB	MXZW12X3	DV4F*275	WCWF	02-NOV-95	01-DEC-95		3.36	UGL	63.5
PB IN WATER BY GFAA	SD20	PB	MDZW12X3	DV4F*450	WCWF	02-NOV-95	01-DEC-95		1.74	UGL	63.5
SB IN WATER BY GFAA	SD21	SB	MXAX03X1	DV4F*235	XCNF	31-OCT-95	28-NOV-95	<	3.02	UGL	0.0
SB IN WATER BY GFAA	SD21	SB	MDAX03X1	DV4F*447	XCNF	31-OCT-95	28-NOV-95	<	3.02	UGL	0.0
SB IN WATER BY GFAA	SD21	SB	MDG307X1	DV4F*448	XCNF	31-OCT-95	28-NOV-95	<	3.02	UGL	0.0
SB IN WATER BY GFAA	SD21	SB	MXG307X1	DV4F*165	XCNF	31-OCT-95	28-NOV-95	<	3.02	UGL	0.0
SB IN WATER BY GFAA	SD21	SB	MDZW12X3	DV4F*450	XCOF	02-NOV-95	30-NOV-95	<	3.02	UGL	0.0
SB IN WATER BY GFAA	SD21	SB	MXZW12X3	DV4F*275	XCOF	02-NOV-95	30-NOV-95	<	3.02	UGL	0.0
AS IN WATER BY GFAA	SD22	AS	MXAX03X1	DV4F*235	YCRF	31-OCT-95	30-NOV-95	<	2.54	UGL	0.0

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SAMPLE DUPLICATES (FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
AS IN WATER BY GFAA	SD22	AS	MDAX03X1	DV4P*447	YCRF	31-OCT-95	30-NOV-95	<	2.54	UGL	0.0
AS IN WATER BY GFAA	SD22	AS	MXG307X1	DV4P*165	YCRF	31-OCT-95	29-NOV-95	<	2.54	UGL	0.0
AS IN WATER BY GFAA	SD22	AS	MDG307X1	DV4P*448	YCRF	31-OCT-95	30-NOV-95	<	2.54	UGL	0.0
AS IN WATER BY GFAA	SD22	AS	MDZW12X3	DV4P*450	YCSP	02-NOV-95	30-NOV-95	<	2.54	UGL	0.0
AS IN WATER BY GFAA	SD22	AS	MXZW12X3	DV4P*275	YCSP	02-NOV-95	30-NOV-95	<	2.54	UGL	0.0
SB IN WATER BY GFAA	SD28	SB	MXAX03X1	DV4P*235	NFWD	31-OCT-95	29-NOV-95	<	3.03	UGL	0.0
SB IN WATER BY GFAA	SD28	SB	MDAX03X1	DV4P*447	NFWD	31-OCT-95	29-NOV-95	<	3.03	UGL	0.0
SB IN WATER BY GFAA	SD28	SB	MXG307X1	DV4P*165	NFWD	31-OCT-95	29-NOV-95	<	3.03	UGL	0.0
SB IN WATER BY GFAA	SD28	SB	MDG307X1	DV4P*448	NFWD	31-OCT-95	29-NOV-95	<	3.03	UGL	0.0
SB IN WATER BY GFAA	SD28	SB	MDZW12X3	DV4P*450	NFXD	02-NOV-95	30-NOV-95	<	3.03	UGL	0.0
SB IN WATER BY GFAA	SD28	SB	MXZW12X3	DV4P*275	NFXD	02-NOV-95	30-NOV-95	<	3.03	UGL	0.0
METALS IN WATER BY ICAP	SS10	AG	MXZW12X3	DV4P*275	ZFTF	02-NOV-95	28-NOV-95	<	4.6	UGL	0.0
METALS IN WATER BY ICAP	SS10	AG	MDZW12X3	DV4P*450	ZFTF	02-NOV-95	28-NOV-95	<	4.6	UGL	0.0
METALS IN WATER BY ICAP	SS10	AL	MXZW12X3	DV4P*275	ZFTF	02-NOV-95	28-NOV-95	<	141	UGL	0.0
METALS IN WATER BY ICAP	SS10	AL	MDZW12X3	DV4P*450	ZFTF	02-NOV-95	28-NOV-95	<	141	UGL	0.0
METALS IN WATER BY ICAP	SS10	BA	MXZW12X3	DV4P*275	ZFTF	02-NOV-95	28-NOV-95	<	5	UGL	0.0
METALS IN WATER BY ICAP	SS10	BA	MDZW12X3	DV4P*450	ZFTF	02-NOV-95	28-NOV-95	<	5	UGL	0.0
METALS IN WATER BY ICAP	SS10	BE	MXZW12X3	DV4P*275	ZFTF	02-NOV-95	28-NOV-95	<	5	UGL	0.0
METALS IN WATER BY ICAP	SS10	BE	MDZW12X3	DV4P*450	ZFTF	02-NOV-95	28-NOV-95	<	5	UGL	0.0
METALS IN WATER BY ICAP	SS10	CA	MXZW12X3	DV4P*275	ZFTF	02-NOV-95	28-NOV-95		20900	UGL	6.4
METALS IN WATER BY ICAP	SS10	CA	MDZW12X3	DV4P*450	ZFTF	02-NOV-95	28-NOV-95		19600	UGL	6.4
METALS IN WATER BY ICAP	SS10	CD	MXZW12X3	DV4P*275	ZFTF	02-NOV-95	28-NOV-95	<	4.01	UGL	0.0
METALS IN WATER BY ICAP	SS10	CD	MDZW12X3	DV4P*450	ZFTF	02-NOV-95	28-NOV-95	<	4.01	UGL	0.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 2, 7 Sites

SAMPLE DUPLICATES (FILTERED SAMPLES)

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
METALS IN WATER BY ICAP	SS10	CO	MXZW12X3	DV4F*275	ZFTF	02-NOV-95	28-NOV-95	<	25	UGL	0.0
METALS IN WATER BY ICAP	SS10	CO	MDZW12X3	DV4F*450	ZFTF	02-NOV-95	28-NOV-95	<	25	UGL	0.0
METALS IN WATER BY ICAP	SS10	CR	MXZW12X3	DV4F*275	ZFTF	02-NOV-95	28-NOV-95	<	6.02	UGL	0.0
METALS IN WATER BY ICAP	SS10	CR	MDZW12X3	DV4F*450	ZFTF	02-NOV-95	28-NOV-95	<	6.02	UGL	0.0
METALS IN WATER BY ICAP	SS10	CU	MXZW12X3	DV4F*275	ZFTF	02-NOV-95	28-NOV-95	<	8.09	UGL	0.0
METALS IN WATER BY ICAP	SS10	CU	MDZW12X3	DV4F*450	ZFTF	02-NOV-95	28-NOV-95	<	8.09	UGL	0.0
METALS IN WATER BY ICAP	SS10	FE	MXZW12X3	DV4F*275	ZFTF	02-NOV-95	28-NOV-95		44.1	UGL	12.8
METALS IN WATER BY ICAP	SS10	FE	MDZW12X3	DV4F*450	ZFTF	02-NOV-95	28-NOV-95	<	38.8	UGL	12.8
METALS IN WATER BY ICAP	SS10	K	MXZW12X3	DV4F*275	ZFTF	02-NOV-95	28-NOV-95		1770	UGL	4.6
METALS IN WATER BY ICAP	SS10	K	MDZW12X3	DV4F*450	ZFTF	02-NOV-95	28-NOV-95		1690	UGL	4.6
METALS IN WATER BY ICAP	SS10	MG	MXZW12X3	DV4F*275	ZFTF	02-NOV-95	28-NOV-95		2160	UGL	7.2
METALS IN WATER BY ICAP	SS10	MG	MDZW12X3	DV4F*450	ZFTF	02-NOV-95	28-NOV-95		2010	UGL	7.2
METALS IN WATER BY ICAP	SS10	MN	MDZW12X3	DV4F*450	ZFTF	02-NOV-95	28-NOV-95		3.64	UGL	27.9
METALS IN WATER BY ICAP	SS10	MN	MXZW12X3	DV4F*275	ZFTF	02-NOV-95	28-NOV-95	<	2.75	UGL	27.9
METALS IN WATER BY ICAP	SS10	NA	MXZW12X3	DV4F*275	ZFTF	02-NOV-95	28-NOV-95		28700	UGL	1.8
METALS IN WATER BY ICAP	SS10	NA	MDZW12X3	DV4F*450	ZFTF	02-NOV-95	28-NOV-95		28200	UGL	1.8
METALS IN WATER BY ICAP	SS10	NI	MXZW12X3	DV4F*275	ZFTF	02-NOV-95	28-NOV-95	<	34.3	UGL	0.0
METALS IN WATER BY ICAP	SS10	NI	MDZW12X3	DV4F*450	ZFTF	02-NOV-95	28-NOV-95	<	34.3	UGL	0.0
METALS IN WATER BY ICAP	SS10	V	MDZW12X3	DV4F*450	ZFTF	02-NOV-95	28-NOV-95	<	11	UGL	0.0
METALS IN WATER BY ICAP	SS10	V	MXZW12X3	DV4F*275	ZFTF	02-NOV-95	28-NOV-95	<	11	UGL	0.0
METALS IN WATER BY ICAP	SS10	ZN	MDZW12X3	DV4F*450	ZFTF	02-NOV-95	28-NOV-95	<	21.1	UGL	0.0
METALS IN WATER BY ICAP	SS10	ZN	MXZW12X3	DV4F*275	ZFTF	02-NOV-95	28-NOV-95	<	21.1	UGL	0.0

```
SQL> update chem set meth=rtrim(meth);
SQL> commit;
SQL> @f:\rbonline
SQL> update cqc set meth=rtrim(meth);
SQL> commit;
SQL> @a2meth
```

TABLE D-20

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
HARDNESS	1302	HARD	MX5701X2	DV4W*168	PJAZ	13-FEB-96	19-FEB-96		20000	UGL	8.3
HARDNESS	1302	HARD	MD5701X2	DV4W*455	PJBZ	13-FEB-96	26-FEB-96		18400	UGL	8.3
HARDNESS	1302	HARD	MD5703X2	DV4W*458	PJUY	14-FEB-96	28-FEB-96		28400	UGL	5.8
HARDNESS	1302	HARD	MX5703X2	DV4W*172	PJUY	14-FEB-96	28-FEB-96		26800	UGL	5.8
HARDNESS	1302	HARD	MDAX04X2	DV4W*457	PJVY	15-FEB-96	29-FEB-96		264000	UGL	190.0
HARDNESS	1302	HARD	MXAX04X2	DV4W*238	PJUY	15-FEB-96	28-FEB-96		6800	UGL	190.0
HARDNESS	1302	HARD	MXZW11X4	DV4W*274	PJUY	14-FEB-96	28-FEB-96		66200	UGL	7.8
HARDNESS	1302	HARD	MDZW11X4	DV4W*456	PJUY	14-FEB-96	28-FEB-96		61200	UGL	7.8
ALKALINITY	3101	ALK	MD5701X2	DV4W*455	PJDY	13-FEB-96	20-FEB-96		6000	UGL	18.2
ALKALINITY	3101	ALK	MX5701X2	DV4W*168	PJBY	13-FEB-96	19-FEB-96		5000	UGL	18.2
ALKALINITY	3101	ALK	MX5703X2	DV4W*172	PJSY	14-FEB-96	26-FEB-96		38200	UGL	.5
ALKALINITY	3101	ALK	MD5703X2	DV4W*458	PJSY	14-FEB-96	26-FEB-96		38000	UGL	.5
ALKALINITY	3101	ALK	MDAX04X2	DV4W*457	PJSY	15-FEB-96	26-FEB-96		225000	UGL	4.1
ALKALINITY	3101	ALK	MXAX04X2	DV4W*238	PJSY	15-FEB-96	26-FEB-96		216000	UGL	4.1
ALKALINITY	3101	ALK	MDZW11X4	DV4W*456	PJSY	14-FEB-96	26-FEB-96		45000	UGL	2.2
ALKALINITY	3101	ALK	MXZW11X4	DV4W*274	PJSY	14-FEB-96	26-FEB-96		44000	UGL	2.2
HG IN WATER BY CVAA	SB01	HG	MD5701X2	DV4W*455	QJRD	13-FEB-96	12-MAR-96	<	.243	UGL	.0
HG IN WATER BY CVAA	SB01	HG	MX5701X2	DV4W*168	QJQD	13-FEB-96	11-MAR-96	<	.243	UGL	.0
HG IN WATER BY CVAA	SB01	HG	MD5703X2	DV4W*458	QJSD	14-FEB-96	13-MAR-96	<	.243	UGL	.0
HG IN WATER BY CVAA	SB01	HG	MX5703X2	DV4W*172	QJRD	14-FEB-96	12-MAR-96	<	.243	UGL	.0
HG IN WATER BY CVAA	SB01	HG	MDAX04X2	DV4W*457	QJSD	15-FEB-96	13-MAR-96	<	.243	UGL	.0
HG IN WATER BY CVAA	SB01	HG	MXAX04X2	DV4W*238	QJRD	15-FEB-96	12-MAR-96	<	.243	UGL	.0
HG IN WATER BY CVAA	SB01	HG	MXZW11X4	DV4W*274	QJQD	14-FEB-96	11-MAR-96	<	.243	UGL	.0
HG IN WATER BY CVAA	SB01	HG	MDZW11X4	DV4W*456	QJSD	14-FEB-96	13-MAR-96	<	.243	UGL	.0
TL IN WATER BY GFAA	SD09	TL	MX5701X2	DV4W*168	UCXB	13-FEB-96	19-MAR-96	<	6.99	UGL	.0
TL IN WATER BY GFAA	SD09	TL	MD5701X2	DV4W*455	UCYB	13-FEB-96	20-MAR-96	<	6.99	UGL	.0
TL IN WATER BY GFAA	SD09	TL	MX5703X2	DV4W*172	UCYB	14-FEB-96	20-MAR-96	<	6.99	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
TL IN WATER BY GFAA	SD09	TL	MD5703X2	DV4W*458	UCZB	14-FEB-96	20-MAR-96	<	6.99	UGL	.0
TL IN WATER BY GFAA	SD09	TL	MXAX04X2	DV4W*238	UCYB	15-FEB-96	20-MAR-96	<	6.99	UGL	.0
TL IN WATER BY GFAA	SD09	TL	MDAX04X2	DV4W*457	UCZB	15-FEB-96	20-MAR-96	<	6.99	UGL	.0
TL IN WATER BY GFAA	SD09	TL	MXZW11X4	DV4W*274	UCXB	14-FEB-96	19-MAR-96	<	6.99	UGL	.0
TL IN WATER BY GFAA	SD09	TL	MDZW11X4	DV4W*456	UCZB	14-FEB-96	20-MAR-96	<	6.99	UGL	.0
PB IN WATER BY GFAA	SD20	PB	MD5701X2	DV4W*455	WCKG	13-FEB-96	21-MAR-96	<	1.26	UGL	.0
PB IN WATER BY GFAA	SD20	PB	MX5701X2	DV4W*168	WCJG	13-FEB-96	20-MAR-96	<	1.26	UGL	.0
PB IN WATER BY GFAA	SD20	PB	MD5703X2	DV4W*458	WCLG	14-FEB-96	21-MAR-96	<	1.26	UGL	.0
PB IN WATER BY GFAA	SD20	PB	MX5703X2	DV4W*172	WCKG	14-FEB-96	21-MAR-96	<	1.26	UGL	.0
PB IN WATER BY GFAA	SD20	PB	MDAX04X2	DV4W*457	WCLG	15-FEB-96	21-MAR-96	<	1.26	UGL	.0
PB IN WATER BY GFAA	SD20	PB	MXAX04X2	DV4W*238	WCKG	15-FEB-96	21-MAR-96	<	1.26	UGL	.0
PB IN WATER BY GFAA	SD20	PB	MDZW11X4	DV4W*456	WCLG	14-FEB-96	21-MAR-96	<	1.26	UGL	.0
PB IN WATER BY GFAA	SD20	PB	MXZW11X4	DV4W*274	WCJG	14-FEB-96	20-MAR-96	<	1.26	UGL	.0
SB IN WATER BY GFAA	SD21	SB	MX5701X2	DV4W*168	XCBG	13-FEB-96	19-MAR-96	<	3.02	UGL	.0
SB IN WATER BY GFAA	SD21	SB	MD5701X2	DV4W*455	XCCG	13-FEB-96	21-MAR-96	<	3.02	UGL	.0
SB IN WATER BY GFAA	SD21	SB	MD5703X2	DV4W*458	XCDG	14-FEB-96	21-MAR-96	<	3.02	UGL	.0
SB IN WATER BY GFAA	SD21	SB	MX5703X2	DV4W*172	XCCG	14-FEB-96	21-MAR-96	<	3.02	UGL	.0
SB IN WATER BY GFAA	SD21	SB	MDAX04X2	DV4W*457	XCDG	15-FEB-96	21-MAR-96	<	3.02	UGL	.0
SB IN WATER BY GFAA	SD21	SB	MXAX04X2	DV4W*238	XCCG	15-FEB-96	21-MAR-96	<	3.02	UGL	.0
SB IN WATER BY GFAA	SD21	SB	MXZW11X4	DV4W*274	XCBG	14-FEB-96	19-MAR-96	<	3.02	UGL	.0
SB IN WATER BY GFAA	SD21	SB	MDZW11X4	DV4W*456	XCDG	14-FEB-96	21-MAR-96	<	3.02	UGL	.0
AS IN WATER BY GFAA	SD22	AS	MD5701X2	DV4W*455	YCGG	13-FEB-96	21-MAR-96	<	2.54	UGL	.0
AS IN WATER BY GFAA	SD22	AS	MX5701X2	DV4W*168	YCFG	13-FEB-96	24-MAR-96	<	2.54	UGL	.0
AS IN WATER BY GFAA	SD22	AS	MX5703X2	DV4W*172	YCGG	14-FEB-96	21-MAR-96		42.3	UGL	42.4
AS IN WATER BY GFAA	SD22	AS	MD5703X2	DV4W*458	YCHG	14-FEB-96	19-MAR-96		27.5	UGL	42.4
AS IN WATER BY GFAA	SD22	AS	MDAX04X2	DV4W*457	YCHG	15-FEB-96	19-MAR-96	<	2.54	UGL	.0
AS IN WATER BY GFAA	SD22	AS	MXAX04X2	DV4W*238	YCGG	15-FEB-96	21-MAR-96	<	2.54	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
AS IN WATER BY GFAA	SD22	AS	MXZW11X4	DV4W*274	YCFG	14-FEB-96	24-MAR-96		11.3	UGL	14.0
AS IN WATER BY GFAA	SD22	AS	MDZW11X4	DV4W*456	YCHG	14-FEB-96	19-MAR-96		13	UGL	14.0
SB IN WATER BY GFAA	SD28	SB	MD5701X2	DV4W*455	NFKE	13-FEB-96	14-MAR-96	<	3.03	UGL	.0
SB IN WATER BY GFAA	SD28	SB	MX5701X2	DV4W*168	NFJE	13-FEB-96	13-MAR-96	<	3.03	UGL	.0
SB IN WATER BY GFAA	SD28	SB	MD5703X2	DV4W*458	NFLE	14-FEB-96	21-MAR-96	<	3.03	UGL	.0
SB IN WATER BY GFAA	SD28	SB	MX5703X2	DV4W*172	NFKE	14-FEB-96	14-MAR-96	<	3.03	UGL	.0
SB IN WATER BY GFAA	SD28	SB	MDAX04X2	DV4W*457	NFLE	15-FEB-96	21-MAR-96	<	3.03	UGL	.0
SB IN WATER BY GFAA	SD28	SB	MXAX04X2	DV4W*238	NFKE	15-FEB-96	14-MAR-96	<	3.03	UGL	.0
SB IN WATER BY GFAA	SD28	SB	MXZW11X4	DV4W*274	NFJE	14-FEB-96	13-MAR-96	<	3.03	UGL	.0
SB IN WATER BY GFAA	SD28	SB	MDZW11X4	DV4W*456	NFLE	14-FEB-96	21-MAR-96	<	3.03	UGL	.0
METALS IN WATER BY ICAP	SS10	AG	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96	<	4.6	UGL	.0
METALS IN WATER BY ICAP	SS10	AG	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96	<	4.6	UGL	.0
METALS IN WATER BY ICAP	SS10	AG	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96	<	4.6	UGL	.0
METALS IN WATER BY ICAP	SS10	AG	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96	<	4.6	UGL	.0
METALS IN WATER BY ICAP	SS10	AG	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96	<	4.6	UGL	.0
METALS IN WATER BY ICAP	SS10	AG	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96	<	4.6	UGL	.0
METALS IN WATER BY ICAP	SS10	AG	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96	<	4.6	UGL	.0
METALS IN WATER BY ICAP	SS10	AG	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96	<	4.6	UGL	.0
METALS IN WATER BY ICAP	SS10	AL	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96	<	141	UGL	.0
METALS IN WATER BY ICAP	SS10	AL	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96	<	141	UGL	.0
METALS IN WATER BY ICAP	SS10	AL	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96		263	UGL	60.4
METALS IN WATER BY ICAP	SS10	AL	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96	<	141	UGL	60.4
METALS IN WATER BY ICAP	SS10	AL	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96		685	UGL	36.6
METALS IN WATER BY ICAP	SS10	AL	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96		473	UGL	36.6
METALS IN WATER BY ICAP	SS10	AL	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96	<	141	UGL	.0
METALS IN WATER BY ICAP	SS10	AL	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96	<	141	UGL	.0
METALS IN WATER BY ICAP	SS10	BA	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96		12.8	UGL	1.6

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
METALS IN WATER BY ICAP	SS10	BA	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96		12.6	UGL	1.6
METALS IN WATER BY ICAP	SS10	BA	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96		47.6	UGL	24.0
METALS IN WATER BY ICAP	SS10	BA	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96		37.4	UGL	24.0
METALS IN WATER BY ICAP	SS10	BA	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96		14.8	UGL	.7
METALS IN WATER BY ICAP	SS10	BA	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96		14.7	UGL	.7
METALS IN WATER BY ICAP	SS10	BA	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96		7.44	UGL	7.1
METALS IN WATER BY ICAP	SS10	BA	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96		6.93	UGL	7.1
METALS IN WATER BY ICAP	SS10	BE	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96	<	5	UGL	.0
METALS IN WATER BY ICAP	SS10	BE	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96	<	5	UGL	.0
METALS IN WATER BY ICAP	SS10	BE	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96	<	5	UGL	.0
METALS IN WATER BY ICAP	SS10	BE	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96	<	5	UGL	.0
METALS IN WATER BY ICAP	SS10	BE	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96	<	5	UGL	.0
METALS IN WATER BY ICAP	SS10	BE	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96	<	5	UGL	.0
METALS IN WATER BY ICAP	SS10	BE	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96	<	5	UGL	.0
METALS IN WATER BY ICAP	SS10	BE	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96	<	5	UGL	.0
METALS IN WATER BY ICAP	SS10	CA	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96		6050	UGL	1.5
METALS IN WATER BY ICAP	SS10	CA	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96		5960	UGL	1.5
METALS IN WATER BY ICAP	SS10	CA	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96		9740	UGL	9.1
METALS IN WATER BY ICAP	SS10	CA	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96		8890	UGL	9.1
METALS IN WATER BY ICAP	SS10	CA	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96		68300	UGL	1.0
METALS IN WATER BY ICAP	SS10	CA	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96		67600	UGL	1.0
METALS IN WATER BY ICAP	SS10	CA	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96		21600	UGL	.0
METALS IN WATER BY ICAP	SS10	CA	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96		21600	UGL	.0
METALS IN WATER BY ICAP	SS10	CD	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96	<	4.01	UGL	.0
METALS IN WATER BY ICAP	SS10	CD	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96	<	4.01	UGL	.0
METALS IN WATER BY ICAP	SS10	CD	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96	<	4.01	UGL	.0
METALS IN WATER BY ICAP	SS10	CD	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96	<	4.01	UGL	.0
METALS IN WATER BY ICAP	SS10	CD	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96	<	4.01	UGL	.0
METALS IN WATER BY ICAP	SS10	CD	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96	<	4.01	UGL	.0
METALS IN WATER BY ICAP	SS10	CD	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96	<	4.01	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
METALS IN WATER BY ICAP	SS10	CD	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96	<	4.01	UGL	.0
METALS IN WATER BY ICAP	SS10	CO	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96	<	25	UGL	.0
METALS IN WATER BY ICAP	SS10	CO	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96	<	25	UGL	.0
METALS IN WATER BY ICAP	SS10	CO	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96	<	25	UGL	.0
METALS IN WATER BY ICAP	SS10	CO	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96	<	25	UGL	.0
METALS IN WATER BY ICAP	SS10	CO	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96	<	25	UGL	.0
METALS IN WATER BY ICAP	SS10	CO	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96	<	25	UGL	.0
METALS IN WATER BY ICAP	SS10	CO	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96	<	25	UGL	.0
METALS IN WATER BY ICAP	SS10	CO	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96	<	25	UGL	.0
METALS IN WATER BY ICAP	SS10	CR	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96	<	6.02	UGL	.0
METALS IN WATER BY ICAP	SS10	CR	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96	<	6.02	UGL	.0
METALS IN WATER BY ICAP	SS10	CR	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96	<	6.02	UGL	.0
METALS IN WATER BY ICAP	SS10	CR	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96	<	6.02	UGL	.0
METALS IN WATER BY ICAP	SS10	CR	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96	<	6.02	UGL	.0
METALS IN WATER BY ICAP	SS10	CR	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96	<	6.02	UGL	.0
METALS IN WATER BY ICAP	SS10	CR	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96	<	6.02	UGL	.0
METALS IN WATER BY ICAP	SS10	CR	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96	<	6.02	UGL	.0
METALS IN WATER BY ICAP	SS10	CU	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96	<	8.09	UGL	.0
METALS IN WATER BY ICAP	SS10	CU	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96	<	8.09	UGL	.0
METALS IN WATER BY ICAP	SS10	CU	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96	<	8.09	UGL	.0
METALS IN WATER BY ICAP	SS10	CU	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96	<	8.09	UGL	.0
METALS IN WATER BY ICAP	SS10	CU	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96		17.2	UGL	47.5
METALS IN WATER BY ICAP	SS10	CU	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96		10.6	UGL	47.5
METALS IN WATER BY ICAP	SS10	CU	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96	<	8.09	UGL	.0
METALS IN WATER BY ICAP	SS10	CU	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96	<	8.09	UGL	.0
METALS IN WATER BY ICAP	SS10	FE	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96	<	38.8	UGL	.0
METALS IN WATER BY ICAP	SS10	FE	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96	<	38.8	UGL	.0
METALS IN WATER BY ICAP	SS10	FE	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96		11700	UGL	45.0
METALS IN WATER BY ICAP	SS10	FE	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96		7400	UGL	45.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
METALS IN WATER BY ICAP	SS10	FE	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96		652	UGL	4.1
METALS IN WATER BY ICAP	SS10	FE	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96		626	UGL	4.1
METALS IN WATER BY ICAP	SS10	FE	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96		807	UGL	29.6
METALS IN WATER BY ICAP	SS10	FE	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96		599	UGL	29.6
METALS IN WATER BY ICAP	SS10	K	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96		1410	UGL	22.9
METALS IN WATER BY ICAP	SS10	K	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96		1120	UGL	22.9
METALS IN WATER BY ICAP	SS10	K	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96		2130	UGL	15.2
METALS IN WATER BY ICAP	SS10	K	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96		1830	UGL	15.2
METALS IN WATER BY ICAP	SS10	K	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96		2370	UGL	.0
METALS IN WATER BY ICAP	SS10	K	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96		2370	UGL	.0
METALS IN WATER BY ICAP	SS10	K	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96		1670	UGL	6.8
METALS IN WATER BY ICAP	SS10	K	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96		1560	UGL	6.8
METALS IN WATER BY ICAP	SS10	MG	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96		650	UGL	3.6
METALS IN WATER BY ICAP	SS10	MG	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96		627	UGL	3.6
METALS IN WATER BY ICAP	SS10	MG	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96		758	UGL	5.8
METALS IN WATER BY ICAP	SS10	MG	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96		715	UGL	5.8
METALS IN WATER BY ICAP	SS10	MG	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96		10100	UGL	1.4
METALS IN WATER BY ICAP	SS10	MG	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96		9960	UGL	1.4
METALS IN WATER BY ICAP	SS10	MG	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96		2430	UGL	.0
METALS IN WATER BY ICAP	SS10	MG	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96		2430	UGL	.0
METALS IN WATER BY ICAP	SS10	MN	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96		32.1	UGL	5.4
METALS IN WATER BY ICAP	SS10	MN	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96		30.4	UGL	5.4
METALS IN WATER BY ICAP	SS10	MN	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96		348	UGL	22.7
METALS IN WATER BY ICAP	SS10	MN	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96		277	UGL	22.7
METALS IN WATER BY ICAP	SS10	MN	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96		1910	UGL	1.6
METALS IN WATER BY ICAP	SS10	MN	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96		1880	UGL	1.6
METALS IN WATER BY ICAP	SS10	MN	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96		505	UGL	2.4
METALS IN WATER BY ICAP	SS10	MN	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96		493	UGL	2.4
METALS IN WATER BY ICAP	SS10	NA	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96		16600	UGL	2.4

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
METALS IN WATER BY ICAP	SS10	NA	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96		16200	UGL	2.4
METALS IN WATER BY ICAP	SS10	NA	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96		1840	UGL	10.9
METALS IN WATER BY ICAP	SS10	NA	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96		1650	UGL	10.9
METALS IN WATER BY ICAP	SS10	NA	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96		63600	UGL	2.7
METALS IN WATER BY ICAP	SS10	NA	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96		61900	UGL	2.7
METALS IN WATER BY ICAP	SS10	NA	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96		30000	UGL	.7
METALS IN WATER BY ICAP	SS10	NA	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96		29800	UGL	.7
METALS IN WATER BY ICAP	SS10	NI	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96	<	34.3	UGL	.0
METALS IN WATER BY ICAP	SS10	NI	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96	<	34.3	UGL	.0
METALS IN WATER BY ICAP	SS10	NI	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96	<	34.3	UGL	.0
METALS IN WATER BY ICAP	SS10	NI	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96	<	34.3	UGL	.0
METALS IN WATER BY ICAP	SS10	NI	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96		52.1	UGL	19.4
METALS IN WATER BY ICAP	SS10	NI	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96		42.9	UGL	19.4
METALS IN WATER BY ICAP	SS10	NI	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96	<	34.3	UGL	.0
METALS IN WATER BY ICAP	SS10	NI	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96	<	34.3	UGL	.0
METALS IN WATER BY ICAP	SS10	V	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96	<	11	UGL	.0
METALS IN WATER BY ICAP	SS10	V	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96	<	11	UGL	.0
METALS IN WATER BY ICAP	SS10	V	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96	<	11	UGL	.0
METALS IN WATER BY ICAP	SS10	V	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96	<	11	UGL	.0
METALS IN WATER BY ICAP	SS10	V	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96	<	11	UGL	.0
METALS IN WATER BY ICAP	SS10	V	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96	<	11	UGL	.0
METALS IN WATER BY ICAP	SS10	V	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96	<	11	UGL	.0
METALS IN WATER BY ICAP	SS10	V	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96	<	11	UGL	.0
METALS IN WATER BY ICAP	SS10	ZN	MX5701X2	DV4W*168	ZFZF	13-FEB-96	08-MAR-96	<	21.1	UGL	.0
METALS IN WATER BY ICAP	SS10	ZN	MD5701X2	DV4W*455	ZFAG	13-FEB-96	08-MAR-96	<	21.1	UGL	.0
METALS IN WATER BY ICAP	SS10	ZN	MD5703X2	DV4W*458	ZFBG	14-FEB-96	12-MAR-96		63.6	UGL	39.1
METALS IN WATER BY ICAP	SS10	ZN	MX5703X2	DV4W*172	ZFAG	14-FEB-96	08-MAR-96		42.8	UGL	39.1
METALS IN WATER BY ICAP	SS10	ZN	MDAX04X2	DV4W*457	ZFBG	15-FEB-96	12-MAR-96	<	21.1	UGL	.0
METALS IN WATER BY ICAP	SS10	ZN	MXAX04X2	DV4W*238	ZFAG	15-FEB-96	08-MAR-96	<	21.1	UGL	.0
METALS IN WATER BY ICAP	SS10	ZN	MDZW11X4	DV4W*456	ZFBG	14-FEB-96	12-MAR-96	<	21.1	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
METALS IN WATER BY ICAP	SS10	ZN	MXZW11X4	DV4W*274	ZFZF	14-FEB-96	08-MAR-96	<	21.1	UGL	.0
NO2, NO3 IN WATER	TF22	NIT	MX5701X2	DV4W*168	ZGED	13-FEB-96	07-MAR-96		1200	UGL	8.7
NO2, NO3 IN WATER	TF22	NIT	MD5701X2	DV4W*455	ZGFD	13-FEB-96	11-MAR-96		1100	UGL	8.7
NO2, NO3 IN WATER	TF22	NIT	MD5703X2	DV4W*458	ZGFD	14-FEB-96	11-MAR-96		270	UGL	3.8
NO2, NO3 IN WATER	TF22	NIT	MX5703X2	DV4W*172	ZGFD	14-FEB-96	11-MAR-96		260	UGL	3.8
NO2, NO3 IN WATER	TF22	NIT	MDAX04X2	DV4W*457	ZGFD	15-FEB-96	11-MAR-96		41.3	UGL	38.7
NO2, NO3 IN WATER	TF22	NIT	MXAX04X2	DV4W*238	ZGFD	15-FEB-96	11-MAR-96		27.9	UGL	38.7
NO2, NO3 IN WATER	TF22	NIT	MDZW11X4	DV4W*456	ZGFD	14-FEB-96	11-MAR-96		2000	UGL	198.0
NO2, NO3 IN WATER	TF22	NIT	MXZW11X4	DV4W*274	ZGFD	14-FEB-96	11-MAR-96	<	10	UGL	198.0
N2KJEL IN WATER	TF26	N2KJEL	MX5701X2	DV4W*168	SHZA	13-FEB-96	27-FEB-96		248	UGL	21.4
N2KJEL IN WATER	TF26	N2KJEL	MD5701X2	DV4W*455	SHZA	13-FEB-96	27-FEB-96		200	UGL	21.4
N2KJEL IN WATER	TF26	N2KJEL	MX5703X2	DV4W*172	SHZA	14-FEB-96	27-FEB-96		495	UGL	16.6
N2KJEL IN WATER	TF26	N2KJEL	MD5703X2	DV4W*458	SHBB	14-FEB-96	12-MAR-96		419	UGL	16.6
N2KJEL IN WATER	TF26	N2KJEL	MXAX04X2	DV4W*238	SHBB	15-FEB-96	12-MAR-96	<	183	UGL	.0
N2KJEL IN WATER	TF26	N2KJEL	MDAX04X2	DV4W*457	SHBB	15-FEB-96	12-MAR-96	<	183	UGL	.0
N2KJEL IN WATER	TF26	N2KJEL	MXZW11X4	DV4W*274	SHBB	14-FEB-96	12-MAR-96	<	183	UGL	.0
N2KJEL IN WATER	TF26	N2KJEL	MDZW11X4	DV4W*456	SHBB	14-FEB-96	12-MAR-96	<	183	UGL	.0
TOT. PO4 IN WATER	TF27	PO4	MX5701X2	DV4W*168	WHMB	13-FEB-96	27-FEB-96		13.6	UGL	2.2
TOT. PO4 IN WATER	TF27	PO4	MD5701X2	DV4W*455	WHMB	13-FEB-96	27-FEB-96	<	13.3	UGL	2.2
TOT. PO4 IN WATER	TF27	PO4	MX5703X2	DV4W*172	WHMB	14-FEB-96	27-FEB-96		21.9	UGL	48.9
TOT. PO4 IN WATER	TF27	PO4	MD5703X2	DV4W*458	WHMB	14-FEB-96	27-FEB-96	<	13.3	UGL	48.9
TOT. PO4 IN WATER	TF27	PO4	MXAX04X2	DV4W*238	WHMB	15-FEB-96	27-FEB-96	<	13.3	UGL	.0
TOT. PO4 IN WATER	TF27	PO4	MDAX04X2	DV4W*457	WHMB	15-FEB-96	27-FEB-96	<	13.3	UGL	.0
TOT. PO4 IN WATER	TF27	PO4	MXZW11X4	DV4W*274	WHMB	14-FEB-96	27-FEB-96		22.7	UGL	52.2
TOT. PO4 IN WATER	TF27	PO4	MDZW11X4	DV4W*456	WHMB	14-FEB-96	27-FEB-96	<	13.3	UGL	52.2

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
SO4 IN WATER	TT10	CL	MD5701X2	DV4W*455	PDRC	13-FEB-96	19-FEB-96		27400	UGL	8.4
SO4 IN WATER	TT10	CL	MX5701X2	DV4W*168	PDRC	13-FEB-96	19-FEB-96		25200	UGL	8.4
SO4 IN WATER	TT10	CL	MX5703X2	DV4W*172	PDRC	14-FEB-96	19-FEB-96	<	2120	UGL	.0
SO4 IN WATER	TT10	CL	MD5703X2	DV4W*458	PDTC	14-FEB-96	26-FEB-96	<	2120	UGL	.0
SO4 IN WATER	TT10	CL	MDAX04X2	DV4W*457	PDTC	15-FEB-96	26-FEB-96		15400	UGL	.0
SO4 IN WATER	TT10	CL	MXAX04X2	DV4W*238	PDTC	15-FEB-96	26-FEB-96		15400	UGL	.0
SO4 IN WATER	TT10	CL	MDZW11X4	DV4W*456	PDTC	14-FEB-96	26-FEB-96		50000	UGL	.0
SO4 IN WATER	TT10	CL	MXZW11X4	DV4W*274	PDTC	14-FEB-96	26-FEB-96		50000	UGL	.0
SO4 IN WATER	TT10	SO4	MD5701X2	DV4W*455	PDRC	13-FEB-96	19-FEB-96		11000	UGL	9.5
SO4 IN WATER	TT10	SO4	MX5701X2	DV4W*168	PDRC	13-FEB-96	19-FEB-96		10000	UGL	9.5
SO4 IN WATER	TT10	SO4	MX5703X2	DV4W*172	PDRC	14-FEB-96	19-FEB-96	<	10000	UGL	.0
SO4 IN WATER	TT10	SO4	MD5703X2	DV4W*458	PDTC	14-FEB-96	26-FEB-96	<	10000	UGL	.0
SO4 IN WATER	TT10	SO4	MXAX04X2	DV4W*238	PDTC	15-FEB-96	26-FEB-96		90000	UGL	8.1
SO4 IN WATER	TT10	SO4	MDAX04X2	DV4W*457	PDTC	15-FEB-96	26-FEB-96		83000	UGL	8.1
SO4 IN WATER	TT10	SO4	MXZW11X4	DV4W*274	PDTC	14-FEB-96	26-FEB-96		15000	UGL	.0
SO4 IN WATER	TT10	SO4	MDZW11X4	DV4W*456	PDTC	14-FEB-96	26-FEB-96		15000	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	1.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	1.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	1.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	1.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	1.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	1.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	1.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	124TCB	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	1.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DCLB	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DCLB	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DCLB	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DCLB	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DCLB	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	1.7	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	12DCLB	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DCLB	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DCLB	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DMB	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96		5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DMB	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96		5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DPH	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DPH	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DPH	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DPH	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DPH	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DPH	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DPH	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	12DPH	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	135TMB	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96		30	UGL	40.0
BNA'S IN WATER BY GC/MS	UM18	135TMB	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96		20	UGL	40.0
BNA'S IN WATER BY GC/MS	UM18	13DCLB	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	13DCLB	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	13DCLB	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	13DCLB	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	13DCLB	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	13DCLB	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	13DCLB	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	13DCLB	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	13DMB	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96		9	UGL	25.0
BNA'S IN WATER BY GC/MS	UM18	13DMB	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96		7	UGL	25.0
BNA'S IN WATER BY GC/MS	UM18	14DCLB	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	14DCLB	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	1.7	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	14DCLB	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	14DCLB	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	14DCLB	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	14DCLB	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	14DCLB	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	14DCLB	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	5.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	5.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	5.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	5.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	5.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	5.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	5.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	245TCP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	5.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	246TCP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	246TCP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	246TCP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	246TCP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	246TCP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	246TCP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	246TCP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	246TCP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	2.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	2.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	2.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	2.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	2.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	2.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	2.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DCLP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	2.9	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	24DMPN	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	5.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DMPN	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	5.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DMPN	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	5.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DMPN	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	5.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DMPN	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	5.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DMPN	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	5.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DMPN	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	5.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DMPN	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	5.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNT	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNT	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNT	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	4.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNT	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNT	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNT	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	4.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNT	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	24DNT	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	26DNT	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	.79	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	26DNT	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	.79	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	26DNT	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	.79	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	26DNT	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	.79	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	26DNT	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	.79	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	26DNT	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	.79	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	26DNT	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	.79	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	26DNT	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	.79	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	.99	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	.99	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	.99	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	.99	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	.99	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	.99	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	.99	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CLP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	.99	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CNAP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CNAP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CNAP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CNAP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CNAP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CNAP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CNAP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2CNAP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2MNAP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2MP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	3.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2MP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	3.9	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	2MP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	3.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2MP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	3.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2MP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	3.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2MP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	3.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2MP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	3.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2MP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	3.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	4.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	4.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NANIL	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	2NP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	12	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	12	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	12	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	12	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	12	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	12	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	12	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	33DCBD	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	12	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	3NANIL	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	3NANIL	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	3NANIL	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	4.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	3NANIL	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	3NANIL	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	4.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	3NANIL	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	3NANIL	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	3NANIL	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	17	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	17	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	17	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	17	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	17	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	17	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	17	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	46DN2C	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	17	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4BRPPE	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CANIL	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	7.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CANIL	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	7.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CANIL	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	7.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CANIL	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	7.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CANIL	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	7.3	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	4CANIL	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	7.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CANIL	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	7.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CANIL	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	7.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CL3C	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4CLPPE	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4MP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	.52	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4MP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	.52	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4MP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	.52	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4MP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	.52	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4MP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	.52	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4MP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	.52	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4MP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	.52	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4MP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	.52	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4NANIL	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	5.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4NANIL	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	5.2	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	4NANIL	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	5.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4NANIL	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	5.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4NANIL	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	5.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4NANIL	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	5.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4NANIL	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	5.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4NANIL	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	5.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4NP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	12	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4NP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	12	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4NP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	12	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4NP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	12	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4NP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	12	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4NP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	12	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4NP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	12	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	4NP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	12	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ABHC	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ABHC	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ABHC	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ABHC	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ABHC	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ABHC	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ABHC	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ABHC	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ACLDAN	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	5.1	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	ABNSLF	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ABNSLF	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ABNSLF	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ABNSLF	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ABNSLF	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ABNSLF	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ABNSLF	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ABNSLF	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ALDRN	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANAPNE	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	.5	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANAPYL	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ANTRC	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CEXM	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CEXM	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CEXM	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CEXM	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CEXM	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CEXM	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CEXM	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CEXM	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	5.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	5.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	5.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	5.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	5.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	5.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	5.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CIPE	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	5.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	1.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	1.9	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	1.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	1.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	1.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	1.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	1.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2CLEE	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	1.9	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2EHP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2EHP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2EHP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4.8	UGL	193.7
BNA'S IN WATER BY GC/MS	UM18	B2EHP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96		300	UGL	193.7
BNA'S IN WATER BY GC/MS	UM18	B2EHP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4.8	UGL	193.7
BNA'S IN WATER BY GC/MS	UM18	B2EHP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96		300	UGL	193.7
BNA'S IN WATER BY GC/MS	UM18	B2EHP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	B2EHP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAANTR	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAANTR	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAANTR	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAANTR	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAANTR	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAANTR	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAANTR	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAANTR	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BAPYR	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4.7	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	BBFANT	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	5.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBFANT	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	5.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBFANT	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	5.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBFANT	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	5.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBFANT	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	5.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBFANT	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	5.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBFANT	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	5.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBFANT	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	5.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBHC	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBZP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBZP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBZP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBZP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBZP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBZP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBZP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BBZP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENSLF	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENSLF	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENSLF	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENSLF	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENSLF	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	9.2	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	BENSLF	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENSLF	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENSLF	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	10	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	10	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	10	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	10	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	10	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	10	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	10	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZID	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	10	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZOA	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	13	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZOA	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	13	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZOA	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	13	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZOA	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	13	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZOA	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	13	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZOA	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	13	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZOA	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	13	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BENZOA	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	13	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	6.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	6.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	6.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	6.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	6.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	6.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	6.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BGHIPY	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	6.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BKFANT	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	.87	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BKFANT	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	.87	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	BKFANT	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	.87	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BKFANT	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	.87	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BKFANT	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	.87	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BKFANT	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	.87	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BKFANT	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	.87	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BKFANT	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	.87	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	.72	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	.72	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	.72	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	.72	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	.72	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	.72	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	.72	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BZALC	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	.72	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CARBAZ	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	2.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	2.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	2.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	2.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	2.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	2.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	2.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CHRY	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	2.4	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6BZ	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	1.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	8.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	8.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	8.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	8.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	8.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	8.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	8.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6CP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	8.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6ET	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6ET	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6ET	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6ET	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6ET	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6ET	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6ET	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	CL6ET	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBAHA	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	6.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBAHA	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	6.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBAHA	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	6.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBAHA	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	6.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBAHA	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	6.5	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	DBAHA	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	6.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBAHA	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	6.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBAHA	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	6.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBHC	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DBZFUR	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	1.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DEP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DEP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DEP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DEP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DEP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DEP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DEP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96		5.1	UGL	87.3
BNA'S IN WATER BY GC/MS	UM18	DEP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	2	UGL	87.3
BNA'S IN WATER BY GC/MS	UM18	DLDRN	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DLDRN	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4.7	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	DLDRN	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DLDRN	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DLDRN	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DLDRN	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DLDRN	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DLDRN	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DMP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DMP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DMP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DMP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DMP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DMP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DMP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DMP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	1.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNBP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNBP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNBP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNBP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNBP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNBP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNBP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNBP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	15	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	15	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	15	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	15	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	15	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	15	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	15	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	DNOP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	15	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	ENDRN	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	7.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRN	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	7.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRN	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	7.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRN	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	7.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRN	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	7.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRN	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	7.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRN	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	7.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRN	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	7.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNA	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ENDRNK	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ESFSO4	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ESFSO4	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ESFSO4	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ESFSO4	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ESFSO4	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	9.2	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	BSFSO4	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BSFSO4	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BSFSO4	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BT4MBZ	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96		10	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BT4MBZ	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96		10	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	BT4MBZ	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96		10	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FANT	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	3.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FANT	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	3.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FANT	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	3.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FANT	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	3.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FANT	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	3.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FANT	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	3.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FANT	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	3.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FANT	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	3.3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FLRENE	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FLRENE	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FLRENE	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FLRENE	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FLRENE	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FLRENE	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FLRENE	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	FLRENE	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	3.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	5.1	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	GCLDAN	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HCBD	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	3.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCL	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCLE	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCLE	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCLE	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCLE	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCLE	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCLE	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCLE	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	HPCLE	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	8.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	8.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	8.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	8.6	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	8.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	8.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	8.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ICDPYR	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	8.6	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	4.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	4.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	ISOPHR	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	LIN	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	LIN	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	LIN	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	LIN	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	LIN	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	LIN	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	LIN	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	LIN	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	MEXCLR	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	5.1	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NAP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	.5	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	NAP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NAP	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96		2.8	UGL	7.4
BNA'S IN WATER BY GC/MS	UM18	NAP	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96		2.6	UGL	7.4
BNA'S IN WATER BY GC/MS	UM18	NAP	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NAP	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NAP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NAP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NB	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NB	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NB	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NB	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NB	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NB	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NB	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NB	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDMEA	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	4.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	4.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	4.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	4.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4.4	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	NNDNPA	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4.4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	NNDPA	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	3	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB016	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB221	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB221	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB221	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB221	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB221	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB221	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB221	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB221	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB232	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB232	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB232	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB232	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	21	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	PCB232	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB232	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB232	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB232	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	21	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB242	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB248	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	30	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB254	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB254	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB254	MX5703X2	DV4W*172	WDBJ	14-FEB-96	04-MAR-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB254	MD5703X2	DV4W*458	WDBJ	14-FEB-96	04-MAR-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB254	MDAX04X2	DV4W*457	WDBJ	15-FEB-96	04-MAR-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB254	MXAX04X2	DV4W*238	WDBJ	15-FEB-96	04-MAR-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB254	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB254	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB260	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	36	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	PCB260	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB260	MX5703X2	DV4W*172	WDEJ	14-FEB-96	04-MAR-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB260	MD5703X2	DV4W*458	WDEJ	14-FEB-96	04-MAR-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB260	MDAX04X2	DV4W*457	WDEJ	15-FEB-96	04-MAR-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB260	MXAX04X2	DV4W*238	WDEJ	15-FEB-96	04-MAR-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB260	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCB260	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCP	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	18	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCP	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	18	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCP	MX5703X2	DV4W*172	WDEJ	14-FEB-96	04-MAR-96	<	18	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCP	MD5703X2	DV4W*458	WDEJ	14-FEB-96	04-MAR-96	<	18	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCP	MDAX04X2	DV4W*457	WDEJ	15-FEB-96	04-MAR-96	<	18	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCP	MXAX04X2	DV4W*238	WDEJ	15-FEB-96	04-MAR-96	<	18	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCP	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	18	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PCP	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	18	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PHANTR	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PHANTR	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PHANTR	MX5703X2	DV4W*172	WDEJ	14-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PHANTR	MD5703X2	DV4W*458	WDEJ	14-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PHANTR	MDAX04X2	DV4W*457	WDEJ	15-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PHANTR	MXAX04X2	DV4W*238	WDEJ	15-FEB-96	04-MAR-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PHANTR	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PHANTR	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	.5	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PHENOL	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PHENOL	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PHENOL	MD5703X2	DV4W*458	WDEJ	14-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PHENOL	MX5703X2	DV4W*172	WDEJ	14-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PHENOL	MDAX04X2	DV4W*457	WDEJ	15-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PHENOL	MXAX04X2	DV4W*238	WDEJ	15-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PHENOL	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	9.2	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	PHENOL	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	MX5703X2	DV4W*172	WDEJ	14-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	MD5703X2	DV4W*458	WDEJ	14-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	MDAX04X2	DV4W*457	WDEJ	15-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	MXAX04X2	DV4W*238	WDEJ	15-FEB-96	04-MAR-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDD	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	MX5703X2	DV4W*172	WDEJ	14-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	MD5703X2	DV4W*458	WDEJ	14-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	MDAX04X2	DV4W*457	WDEJ	15-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	MXAX04X2	DV4W*238	WDEJ	15-FEB-96	04-MAR-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDE	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	4.7	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDT	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDT	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDT	MX5703X2	DV4W*172	WDEJ	14-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDT	MD5703X2	DV4W*458	WDEJ	14-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDT	MDAX04X2	DV4W*457	WDEJ	15-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDT	MXAX04X2	DV4W*238	WDEJ	15-FEB-96	04-MAR-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDT	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PPDDT	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	9.2	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PYR	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	2.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PYR	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	2.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PYR	MX5703X2	DV4W*172	WDEJ	14-FEB-96	04-MAR-96	<	2.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PYR	MD5703X2	DV4W*458	WDEJ	14-FEB-96	04-MAR-96	<	2.8	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
BNA'S IN WATER BY GC/MS	UM18	PYR	MDAX04X2	DV4W*457	WDEJ	15-FEB-96	04-MAR-96	<	2.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PYR	MXAX04X2	DV4W*238	WDEJ	15-FEB-96	04-MAR-96	<	2.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PYR	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	2.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	PYR	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	2.8	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	MD5701X2	DV4W*455	WDDJ	13-FEB-96	26-FEB-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	MX5701X2	DV4W*168	WDDJ	13-FEB-96	26-FEB-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	MD5703X2	DV4W*458	WDEJ	14-FEB-96	04-MAR-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	MX5703X2	DV4W*172	WDEJ	14-FEB-96	04-MAR-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	MDAX04X2	DV4W*457	WDEJ	15-FEB-96	04-MAR-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	MXAX04X2	DV4W*238	WDEJ	15-FEB-96	04-MAR-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	TXPHEN	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96	<	36	UGL	.0
BNA'S IN WATER BY GC/MS	UM18	UNK549	MX5703X2	DV4W*172	WDEJ	14-FEB-96	04-MAR-96		7	UGL	15.4
BNA'S IN WATER BY GC/MS	UM18	UNK549	MD5703X2	DV4W*458	WDEJ	14-FEB-96	04-MAR-96		6	UGL	15.4
BNA'S IN WATER BY GC/MS	UM18	UNK649	MDZW11X4	DV4W*456	WDDJ	14-FEB-96	26-FEB-96		50	UGL	85.7
BNA'S IN WATER BY GC/MS	UM18	UNK649	MXZW11X4	DV4W*274	WDDJ	14-FEB-96	26-FEB-96		20	UGL	85.7
VOC'S IN WATER BY GC/MS	UM20	111TCE	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	111TCE	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	111TCE	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	111TCE	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	111TCE	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	111TCE	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	111TCE	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	111TCE	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	112TCE	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	1.2	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	112TCE	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	1.2	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	112TCE	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	1.2	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	112TCE	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	1.2	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	112TCE	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	1.2	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	112TCE	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	1.2	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	112TCE	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	1.2	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	112TCE	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	1.2	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCE	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.68	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.68	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.68	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.68	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.68	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.68	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.68	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	11DCLE	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.68	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCE	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCE	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCE	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCE	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCE	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCE	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCE	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCE	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	12DCLE	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCLE	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCLE	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCLE	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCLE	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCLE	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCLE	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCLE	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	12DCLP	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.71	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.71	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.71	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.71	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.71	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.71	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.71	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	2CLEVE	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.71	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACET	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	13	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACET	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	13	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACET	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	13	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACET	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	13	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACET	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	13	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACET	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	13	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	ACET	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	13	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACET	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	13	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACROLN	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ACRYLO	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	100	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.59	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.59	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.59	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.59	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.59	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.59	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.59	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	BRDCLM	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.59	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C13DCP	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.58	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C13DCP	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.58	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C13DCP	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.58	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	C13DCP	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.58	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C13DCP	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.58	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C13DCP	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.58	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C13DCP	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.58	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C13DCP	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.58	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2ABB	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96		20	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2ABB	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96		20	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	8.3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	8.3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	8.3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	8.3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	8.3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	8.3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	8.3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2AVE	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	8.3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	2.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	2.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	2.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	2.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	2.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	2.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	2.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2H3CL	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	2.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	1.9	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	1.9	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	1.9	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	1.9	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	1.9	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	1.9	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	1.9	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C2H5CL	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	1.9	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	C6H6	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	1.4	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	1.4	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	1.4	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	1.4	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	1.4	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	1.4	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	1.4	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL3F	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	1.4	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL4	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.58	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL4	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.58	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL4	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.58	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL4	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.58	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL4	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.58	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL4	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.58	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL4	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.58	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CCL4	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.58	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	2.3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	2.3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	2.3	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	2.3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	2.3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	2.3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	2.3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH2CL2	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	2.3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3BR	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	5.8	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3BR	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	5.8	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3BR	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	5.8	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3BR	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	5.8	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3BR	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	5.8	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3BR	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	5.8	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3BR	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	5.8	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3BR	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	5.8	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	3.2	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	3.2	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	3.2	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	3.2	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	3.2	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	3.2	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	3.2	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CH3CL	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	3.2	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CHBR3	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	2.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CHBR3	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	2.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CHBR3	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	2.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CHBR3	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	2.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CHBR3	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	2.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CHBR3	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	2.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CHBR3	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	2.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CHBR3	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	2.6	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	CHCL3	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CHCL3	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CHCL3	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CHCL3	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CHCL3	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CHCL3	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CHCL3	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CHCL3	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	10	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	10	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	10	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	10	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	10	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	10	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	10	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CL2BZ	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	10	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CLC6H5	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CS2	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CS2	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CS2	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CS2	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CS2	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CS2	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.5	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	CS2	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	CS2	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.67	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.67	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.67	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.67	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.67	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.67	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.67	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	DBRCLM	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.67	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96		1.9	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96		1.9	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	ETC6H5	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96		1.2	UGL	82.4
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	82.4
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96		1.9	UGL	5.4
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96		1.8	UGL	5.4
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MEC6H5	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MEK	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	6.4	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MEK	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	6.4	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MEK	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	6.4	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	MEK	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	6.4	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MEK	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	6.4	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MEK	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	6.4	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MEK	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	6.4	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MEK	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	6.4	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MIBK	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	3	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	3.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	3.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	3.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	3.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	3.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	3.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	3.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	MNBK	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	3.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	STYR	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	STYR	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	STYR	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	STYR	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	STYR	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	STYR	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	STYR	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	STYR	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
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SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	T13DCP	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.7	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	T13DCP	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.7	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	T13DCP	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.7	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	T13DCP	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.7	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	T13DCP	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.7	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	T13DCP	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.7	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	T13DCP	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.7	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	T13DCP	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.7	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.51	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.51	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.51	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.51	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.51	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.51	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.51	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEA	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.51	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEE	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	1.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEE	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	1.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEE	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	1.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEE	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	1.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEE	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	1.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEE	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	1.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEE	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	1.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TCLEE	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	1.6	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TRCLE	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TRCLE	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TRCLE	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TRCLE	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TRCLE	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TRCLE	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.5	UGL	.0

Chemical Quality Control Report
Installation: Fort Devens, MA (DV)
Group 4 Sites

SAMPLE DUPLICATES

Method Description	IRDMIS Method Code	Test Name	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Units	RPD
VOC'S IN WATER BY GC/MS	UM20	TRCLE	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	TRCLE	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.5	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	UNK217	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96		6	UGL	18.2
VOC'S IN WATER BY GC/MS	UM20	UNK217	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96		5	UGL	18.2
VOC'S IN WATER BY GC/MS	UM20	XYLEN	MD5701X2	DV4W*455	XDZO	13-FEB-96	16-FEB-96	<	.84	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	XYLEN	MX5701X2	DV4W*168	XDZO	13-FEB-96	16-FEB-96	<	.84	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	XYLEN	MX5703X2	DV4W*172	XDZO	14-FEB-96	16-FEB-96		9.3	UGL	11.4
VOC'S IN WATER BY GC/MS	UM20	XYLEN	MD5703X2	DV4W*458	XDAP	14-FEB-96	20-FEB-96		8.3	UGL	11.4
VOC'S IN WATER BY GC/MS	UM20	XYLEN	MXAX04X2	DV4W*238	XDZO	15-FEB-96	16-FEB-96	<	.84	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	XYLEN	MDAX04X2	DV4W*457	XDAP	15-FEB-96	20-FEB-96	<	.84	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	XYLEN	MXZW11X4	DV4W*274	XDYO	14-FEB-96	16-FEB-96	<	.84	UGL	.0
VOC'S IN WATER BY GC/MS	UM20	XYLEN	MDZW11X4	DV4W*456	XDYO	14-FEB-96	16-FEB-96	<	.84	UGL	.0

SQL> spool off;

TABLE D-21
FIELD DUPLICATES FOR GROUNDWATER SAMPLES WITH ELEMENTS EXCEEDING PRECISION CRITERIA

1995 AOC 57, 63AX, 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

ELEMENT	FREQUENCY RPD EXCEEDED	RPD RANGE
Total Metals		
Arsenic [2]	1/4	42.4
Iron [2]	1/4	45
Dissolved Metals		
Barium [2]	1/4	123.9

[2] = Data collected during the Round 2 Groundwater sampling event.

TABLE D-22
FIELD DUPLICATES FOR SOIL AND SEDIMENT SAMPLES WITH ELEMENTS EXCEEDING PRECISION CRITERIA

1995 AOC 57, 63AX, 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

ELEMENT	FREQUENCY RPD EXCEEDED	RPD RANGE
Soil		
Arsenic	1/3	52.4
Potassium	1/3	77.6
Sediment		
Mercury	1/2	138.1
Manganese	1/2	99.5
Sodium	1/2	178.7
Zinc	1/2	114.1

TABLE D-23
USEPA CLP SPIKE PRECISION CRITERIA FOR PESTICIDES

1995 AOC 57, 63AX, 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

SPIKE COMPOUND	RPD LIMITS FOR WATER	RPD LIMITS FOR SOIL
Lindane (gamma-BHC)	15	50
Heptachlor	20	31
Aldrin	22	43
Dieldrin	18	38
Endrin	21	45
4,4-DDT	27	50

TABLE D-24
COMPARISON OF CONCENTRATIONS
FIELD ANALYSES VS. OFFSITE LABORATORY ANALYSES

1995 AOC 57, 63AX, 69W REMEDIAL INVESTIGATION
FORT DEVENS, MA

ON-SITE SAMPLE ID	SAMPLE COLLECTION DATE	COMPOUND	OFFSITE LAB CONCENTRATION (mg/kg)	FIELD LAB CONCENTRATION (mg/kg)	RPD (%)	CATEGORY
BF570415	9/28/95	TPH	ND	ND	0	1
		VOC	ND	ND	0	1
BF570515	9/28/95	toluene	0.0037	<0.0024	200	1
		TPH	ND	ND	0	1
BF570612	9/28/95	TPH	ND	ND	0	1
		VOC	ND	ND	0	1
BFAX0506	10/2/95	TPH	ND	ND	0	1
		VOC	ND	ND	0	1
BFAX0508	10/2/95	TPH	ND	ND	0	1
		VOC	ND	ND	0	1
BFAX0510	10/2/95	TPH	ND	ND	0	1
		VOC	ND	ND	0	1
EF570106	9/18/95	TPH	141	<53	200	1
		VOC	ND	ND	0	1
EF570200	9/18/95	TPH	454	69	147	1
		ethylbenzene	0.0024	<0.0023	200	1
		toluene	0.0025	<0.0023	200	1
		total xylenes	0.0029	<0.0069	0*	1
EF570405	9/19/95	TPH	ND	ND	0	1
		VOC	ND	ND	0	1
EDF570405	9/19/95	TPH	23.6D	<52	0*	1
		VOC	ND	ND	0	1
EF570506	9/19/95	TPH	ND	ND	0	1
		VOC	ND	ND	0	1
EF570704	9/19/95	TPH	31800	65000	69	2
		ethylbenzene	0.051	14	198	1
		toluene	0.023	3.4	197	1
		total xylenes	0.27	92	198	1
		1,1-dichloroethene	<0.0039	6.1E/X	200	3
		tetrachloroethene	0.0059	<0.78	0*	1
		trichloroethene	0.011	<0.78	0*	1
EF570804	9/20/95	TPH	57.6	<75	0*	1
		VOC	ND	ND	0	1
EF570905	9/20/95	TPH	79.2	<69	200	1
		VOC	ND	ND	0	1
EF571000	9/19/95	TPH	25	80	105	1
		toluene	0.0037	0.0024J	43	1
		tetrachloroethene	0.003	<0.0022	200	1
EF571200	9/20/95	TPH	5110	9700	62	2
		toluene	0.0083	<0.0022	200	1
		tetrachloroethene	0.0011	<0.0022	0*	1
EF571305	9/21/95	TPH	ND	ND	0	1
		VOC	ND	ND	0	1
EF571406	9/21/95	TPH	49.3	<60	0*	1
		VOC	ND	ND	0	1
EF571502	9/21/95	TPH	26100	28000	7	2
		toluene	0.0017	0.0056	107	1
		chlorobenzene	<0.00086	0.016	200	1
		ethylbenzene	<0.0017	0.054	200	1
		total xylenes	<0.0015	0.245	200	1
		tetrachloroethene	0.0023	0.0048	70	1
EF571600	9/21/95	TPH	169	120	34	1
		VOC	ND	ND	0	1
EF571700	9/21/95	TPH	2390	3400	35	2
		toluene	0.0072	<0.0025	200	1
		tetrachloroethene	0.0047	<0.0025	200	1
EF571802	9/21/95	TPH	49.5	<64	0*	1
		VOC	ND	ND	0	1
EF571902	9/21/95	TPH	130	<70	200	1
		VOC	ND	ND	0	1
EF572500	9/22/95	TPH	81.1	<52	200	1
		VOC	ND	ND	0	1
RFZW2607	9/11/95	TPH	902	2100	80	2
		total xylenes	<0.0015	0.0023	200	1
RFZW3006	9/11/95	TPH	3240	7700	82	2
		toluene	0.0044	0.026	142	1
		chlorobenzene	<0.00086	0.031	200	1
		ethylbenzene	<0.0017	0.26E	200	1
		total xylenes	0.0023	6.5 E/J	200	1
RFZW3504	9/12/95	TPH	<27.8	55	200	1
		VOC	ND	ND	0	1
RFZW3607	9/24/95	VOC	ND	ND	0*	1
		TPH	566	1100	64	2
RFZW3704	9/23/95	toluene	0.0024	<0.0046	0*	1
		TPH	1400	1800	25	2
RFZW3803	9/14/95	TPH	34.4	<120	0*	1
		VOC	ND	ND	0	1
RWFZW4504	9/15/95	TPH	ND	ND	0	1
		toluene	0.0013	<0.0024	0*	1

NOTES:

*	Reported RPD = 0 because the reported detection was below the reporting limit of comparison sample.
ND	Not detected above analytes detection limit.
NA	Not applicable
E	Reported concentration greater than instrument calibration range
D	Result obtained from a dilution of the original sample
J	Reported concentration is an estimated value
TPH	Total Petroleum Hydrocarbons
X	Detection of 1,1-DCE identified as possible laboratory contamination by field chemist at the time of analysis.

1996 ON-SITE LABORATORY DATA

APPENDIX D-2
QUALITY CONTROL SUMMARY REPORT
1996 ON-SITE ANALYTICAL PROGRAM

AOCs 69W, 61Z, 50 and 57

DI.0 INTRODUCTION

The purpose of this Quality Control Summary Report (CQSR) is to present evaluations of quality control (QC) measurements made during the 1996 on-site laboratory analyses and to evaluate data precision and accuracy. Dates of on-site analysis are from June 17 through November 6, 1996. The on-site laboratory provided field screening for AOCs 69W, 61Z, 50 and 57. Soil and water samples were analyzed for target volatile organic compounds and petroleum hydrocarbons at Ft Devens, Ayer, Massachusetts.

D2.0 ANALYTICAL METHODS

The data quality objectives and general descriptions of on-site methodologies for the investigations are presented in the Fort Devens Project Operation Plan (ABB-ES, 1995). On-site analytical procedures used during the investigations included purge and trap USEPA Method 5030A and modified USEPA Method 8021A for volatile organic compounds (VOCs) (USEPA, 1995) and the modified Massachusetts hydrocarbon methods for extractable petroleum hydrocarbons (EPH) and volatile petroleum hydrocarbons (VPH) (MADEP, 1995a; MADEP, 1995b). Total Recoverable Petroleum Hydrocarbons (TPHC) in soils will be quantified with an infrared spectrophotometer using modified USEPA Method 418.1(USEPA, 1983). Descriptions of the 1996 analytical methods, and any modifications to procedures in the QAPjP incorporated into the 1996 field investigations are presented in Attachment 1.

D2.1 MDL Study for EPH/VPH/VOCs Analysis:

Prior to sample analysis a Method Detection Limit (MDL) study was performed for EPH, VPH, and VOCs target compounds.

Based on the extraction and analysis of seven spiked samples, the EPH MDL for soil analysis was determined to be 18 mg/Kg. For purposes of this project the reporting limit (RL) has been determined to be 100 mg/Kg. Only concentrations greater than 100 mg/kg are reported. Sample quantitation limits (SQLs) consisting of the reporting limits adjusted for sample volume, percent moisture, and dilution factor are reported for non detects. The results of the EPH MDL study are listed in *Table D2-1*.

Based on a methanol extraction and analysis of seven spiked samples, the VPH MDL for soil analysis was determined to be 0.57 mg/Kg. The reporting limit was established to be 6.3 mg/Kg. Only concentrations greater than 6.3 mg/kg are reported. Sample quantitation limits (SQLs) consisting of the reporting limits adjusted for sample volume, percent moisture, and dilution factor are reported for non detects. The results of the VPH MDL study are listed in *Table D2-1*.

Based on the analysis of seven spiked samples, an initial VOC MDL for soil and aqueous analysis was determined and reported in *Table D2-1*. The reporting limits were established to be 2.0 µg/L for all target analytes (m/p-Xylene is 4.0 µg/L). Only concentrations greater than 2.0 µg/L (m/p-Xylene is 4.0 µg/L) are reported. Sample quantitation limits (SQLs) consisting of the reporting limits adjusted for sample volume, percent moisture, and dilution factor are reported for non detects.

A second VOC MDL was made when a second field effort phase commenced in mid-summer. Based on the analysis of seven spiked samples, the second VOC MDL for soil and aqueous analysis was determined and reported in *Table D2-1*. The reporting limit was established to be 1.0 µg/L for all target analytes (m/p-Xylene is 2.0 µg/L). Only concentrations greater than 1.0 µg/L (m/p-Xylene is 2.0 µg/L) are reported. Sample quantitation limits (SQLs) consisting of the reporting limits adjusted for sample volume, percent moisture, and dilution factor are reported for non detects.

D2.2 REPORTING LIMITS AND INSTRUMENT CALIBRATION

The calibration range for each instrument includes an initial calibration standard at the reporting limit. EPH instrument calibration ranged from 50 mg/Kg through 150 mg/Kg with a reporting limit of 50 mg/Kg. VPH instrument calibration ranged from 6.3 mg/Kg through 19 mg/Kg with a reporting limit of 6.3 mg/Kg. Initial VOC instrument calibration ranged from 1.0 µg/L through 100 µg/L. The second phase VOC instrument calibration ranged from 1.0 µg/L through 20 µg/L. Each instrument calibration range is recorded in the laboratory logbooks and saved electronically for future reference.

D3.0 QUALITY CONTROL BLANK SUMMARY

Routine QC blanks analyzed in the field laboratory include instrument blanks, equipment rinse blanks (pump blanks and bailer blanks) and method blanks.

D3.1 Instrument Blanks:

Instrument blanks were run for the EPH and TPHC analyses. Instrument blanks consisted of clean extraction solvent analyzed directly on the instrument to determine background response for the instrument. No instrument contamination was identified through instrument blank analysis.

D3.2 Method Blanks:

Method blanks were run for EPH/VPH/VOC and TPHC analyses after initial and continuing calibrations with a minimum of one blank per day of analysis to evaluate the potential for sample contamination during sample preparation and analysis at the on-site laboratory. EPH and TPHC soil method blanks were extracted daily with each extraction batch using the same procedures as samples. VPH soil method blanks were purged and analyzed solutions of analyte free water, methanol and surrogate. VOC method blanks were purged and analyzed solutions of analyte free water and surrogate (methanol was added for soil method blanks).

Method blank data indicate that method contamination did not result in false positive identification of EPH, VPH, or TPHC results during sample analysis. No method blanks had EPH, VPH or TPHC detected at concentrations greater than the reporting limits.

VOC method blanks were analyzed each day using the same procedure as samples. The VOC soil method blank analyzed on 8/29/96 had a detection of chloroform greater than the reporting limit at 390 mg/Kg. Soil samples (RF571509 and RF571603) from AOC 57 associated with this method blank were qualified (B) indicating the results may represent laboratory contamination. The VOC method blank analyzed on 11/01/96 had a detection of naphthalene greater than the reporting limit at 3.2 µg/Kg. Naphthalene was not detected in associated samples, and no samples associated with this method blank were qualified (B). With the exception of the VOC samples discussed above, VOC data indicate that no other laboratory contamination introduced during sample preparation and analysis.

D3.3 Equipment Rinseate Blanks:

Equipment rinse blanks (pump blanks and bailer blanks) were collected periodically and analyzed for VOCs. Rinse blanks were collected at a minimum of one per twenty samples as specified in the POP. Five bailer blanks were collected and analyzed with two blanks exhibiting low levels of toluene (2.5 µg/L and 2.1 µg/L). Samples associated with these blanks contained no toluene detections.

D4.0 DATA ACCURACY AND PRECISION

The accuracy and precision of laboratory and field sampling methodologies was evaluated using matrix spike/ matrix spike duplicate (MS/MSD), matrix spike (MS), field duplicate analyses, and surrogate spikes as outlined below:

- EPH/VPH utilized MS/MSD and surrogate percent recovery (%R) goals of 50% - 150% and MS/MSD relative percent difference (RPD) goals of less than 30%.

- Duplicate analyses were also utilized with RPD goals of less than 50% for soil samples.

- TPHC analyses utilized a single MS sample with a %R goal of 50% to 150%; duplicate analyses were also utilized with RPD goals of less than 50% for soil samples.

- VOC analyses utilized MS/MSD and surrogate percent recovery (%R) goals of 50% - 150% and a MS/MSD RPD goal of less than 30%.

- Field duplicate analyses were also utilized with RPD goals of less than 30% for aqueous samples and less than 50% for soil samples.

Field duplicates, matrix spikes and matrix spike/matrix spike duplicate collection frequency goal was five percent for the program.

D4.1 Matrix Spikes:

EPH. Three samples were collected as matrix spike/matrix spike duplicates (this represented a frequency of 5 percent). The samples were spiked at a mid-point of the calibration curve (100 mg/Kg). The data are tabulated in Table D4-1. MS/MSD recoveries for two calculated spike samples ranged from 43% to 54%. The RPDs for the sample sets were 15% and 18%. One MS/MSD data set was not analyzed due to operator failure to spike the sample with the MS/MSD spiking solution. Although two of four recoveries were outside the desired recovery range the RPD results were well below the 30% goal, indicating good precision. These results indicate a possible low bias shown by the MS/MSD recoveries. Sample results are usable as estimated values with a possible low bias by a factor of two.

VPH. Two samples were analyzed as matrix spike/matrix spike duplicates. This represented a 3.3 percent frequency. Both samples were spiked at a mid-point of the calibration curve (12.5 mg/Kg). The data is tabulated in Table D4-1. MS/MSD recoveries for the two spiked samples ranged from 57% to 91%. The RPDs for the samples sets were 3.4% and 10%. The established goals were partially met for this data set, however, the RPDs calculated are well below the established goal of 30% indicating excellent accuracy and precision.

TPHC. Nine samples were analyzed as matrix spikes. This represents an 8.1 percent frequency. The samples were spiked at a mid-point of the calibration curve (2500 mg/Kg). The data is tabulated in Table D4-1. Results for TPHC in two samples exceeded the calibration range of the instrument and no MS results were obtained. MS/MSD recoveries for the other seven spiked samples ranged from 88% to 162%. Two MS recoveries were not calculated due to original sample concentrations above the instrument calibration range. One recovery exceeded the recovery goal of 150%. Eighty six percent of this data set met the established goals indicating good accuracy and precision.

VOC. Twenty one samples were analyzed as matrix spike/matrix spike duplicates. This represents a 4.7 percent frequency. The data is tabulated in Table D4-2. The samples were spiked at a mid-point of the calibration curve (see Table D4-2 to find specific spike concentrations). Ninety eight percent of the spike recoveries met the goal range of 50% to 150% recovery. Ninety eight percent of the RPDs met the goal of 30% or less. The established goals were met for this data set indicating excellent accuracy and precision.

D4.2 Field Duplicates:

Field duplicate samples were collected at a rate of approximately 5 percent of the samples during the field sampling effort and submitted to the field laboratory for analysis. Relative percent difference goals of less than 30% for aqueous sample analysis and less than 50% for soil analysis were outlined for the project.

EPH. Four samples were collected and analyzed as field duplicates (this represented a frequency of 6.7 percent). The results of the EPH field duplicate samples are listed in Table D4-3. The results of all sample sets were non-detects. In general, field duplicate results indicate good precision of measurement was obtained for the EPH sample analyses. These results indicated agreement for absence of EPH, however, evaluation of precision for positive detection of EPH was not possible.

VPH. Four samples were collected and analyzed as field duplicates (this represented a frequency of 6.7 percent). The results of the VPH field duplicate samples are listed in Table D4-3. The results of all sample sets were non-detects. These results indicated agreement for absence of VPH, however, evaluation of precision for positive detection of VPH was not possible.

TPHC. Fourteen samples were collected and analyzed as field duplicates (this represented a frequency of 13 percent). The results of the TPHC field duplicate samples are listed in Table D4-3. The RPDs of three sample duplicate sets were calculated and ranged from 0.0% to 33%. Seven results were non-detects for both samples. Four sample duplicate sets had a non-detect for one of the samples in the duplicate pair with a positive detection at the reporting limit in the associated duplicate. In general field duplicate results indicate good accuracy and precision of measurement was obtained for the TPHC sample analyses, however, variability of the TPHC measurement at the reporting limit are apparent. These results indicate detection limits and low concentration positive detections are estimated values.

VOC. Thirty nine samples were collected and analyzed as field duplicates (this represented a frequency of 8.7 percent). The results of the VOC field duplicates are listed in Table D4-4.

The results of the duplicate sample sets (seventeen soil samples and twenty two aqueous samples) were evaluated and RPDs calculated.

Eight soil RPDs were calculated and seven exceeded the 50% goal. Five of the seven were duplicate sets that exceeded the goal included a detection one sample and the duplicate did not (200% RPD). Two of these five results were chloroform. Chloroform was identified as a possible laboratory contaminant in Subsection D3.2. One of the results is qualified "B" indicating the sample was associated with a contaminated method blank. The differences in the field duplicate results are interpreted to be related to laboratory contamination. The three other results included o-xylene and naphthalene with positive and non-detect results in samples RF571010, EF573106, and RF571603. In all cases reported detections were only 2 to 3 times the reporting limits. These results demonstrate variability of xylenes and naphthalene at or near, the reporting limit. The remaining field duplicate results included detections of TCE, PCE, and cis-1,2-dichloroethene in samples BXG613B29 and BX502025. Although two of three results had RPDs greater than 50, these results showed good agreement with the presence of target compounds and the relative concentrations reported. The field duplicate data indicate that all soil VOC results should be considered estimated.

Nineteen aqueous RPDs were calculated and two exceeded the goal of 30. These results indicate good accuracy and precision of measurement was obtained for the aqueous VOC sample analyses.

D4.3 Surrogate Recoveries:

Surrogates were added to each EPH, VPH and VOC sample to monitor the efficiency of the measurement and possible matrix effects on recovery of target analytes. Surrogate recovery goals of greater than or equal to 50% were established for the project. Sample results associated with surrogate recoveries below the goal are reported with an "S" qualifier.

EPH. All samples submitted for EPH analysis were spiked, prior to the extraction step, with naphthalene or σ-terphenyl as a surrogate. The surrogate recoveries were recorded and used to determine accuracy of each sample analysis. No EPH samples had surrogate percent recoveries below the goal of 50%. Surrogate recoveries ranged from 75% to 160% with the mean equal to 98%, indicating good recoveries were obtained during the program. Upper and lower control limits (mean ±3 standard deviations) were 144 and 53 respectively.

VPH. All samples submitted for VPH analysis were spiked, prior to the methanol extraction step, with 2,5-dibromotoluene as a surrogate. The surrogate recoveries were recorded and used to determine accuracy of each sample analysis. Surrogate goals were a minimum of 50% recovery. Sample results associated with surrogate recoveries below the goal are reported with an "S" qualifier. Sample BX610215XF had a 45% surrogate recovery and was qualified 'S'. Sample BXBD0227XF had a 174% surrogate recovery and was qualified 'S'. With the exception of sample BXBD0227XF, surrogate recoveries ranged from 59% to 149% with the mean equal to 101%, indicating good recoveries were generally obtained during the program. Upper and lower control limits (mean ±3 standard deviations) were 178 and 24 respectively.

VOC. All samples submitted for modified USEPA Method 8021 analysis were spiked prior to analysis with 4-Bromofluorobenzene. The surrogate recoveries were recorded and used to determine the accuracy of each sample analysis. Surrogate goal was a minimum of 50% recovery. Soil surrogate recoveries ranged from 58% to 138% with the mean equal to 104%. Upper and lower soil control limits (mean ±3 standard deviations) were 158 and 50 respectively. Aqueous surrogate recoveries ranged from 63% to 166% with the mean equal to 103%, indicating good recoveries were generally obtained during the program. Upper and lower aqueous control limits (mean ±3 standard deviations) were 149 and 57 respectively. All samples had surrogate recoveries above the goal and no VOC results were qualified.

D4.4 Data Qualification:

The on-site analytical data was qualified as needed during the field program. A secondary review was made after the laboratory was dismantled and the database reviewed for any further qualification. The qualifiers in each case were applied through guidance found in the ABB SOP: purge and trap field chromatography, 1995.

B qualifier is added to values as evidence of method blank contamination.

E qualifier is added to values that exceed the calibration range of the instrument.

S qualifier is added to values that exceed surrogate acceptance range requirements.

D5.0 ON-SITE/OFF-SITE LABORATORY SPLIT SAMPLE DATA COMPARISON

This section discusses the results of a split samples collected during the 1996 AOC 50, 57, 612, and 69W Remedial Investigations at Fort Devens, Massachusetts. The soil samples were split in the field and submitted for on-site and off-site volatile analysis (14 samples), EPH/VPH (7 samples), and petroleum hydrocarbons by 418.1 (22 samples). The purpose of collection of the split samples is to provide a comparison of the on-site data with the associated off-site data, in order to evaluate data quality and establish the on-site results as screening data with definitive confirmation (USEPA, 1993).

D.5.1 Analytical Methodologies

The on-site field screening target compound data were evaluated using the USAEC off-site analytical GC/mass spectrometry (MS) method for VOCs and SVOCs. Dichlorobenzenes and naphthalene off-site data were taken from the SVOC analyses. Off-site TPH results were generated using USEPA Method 9071 to extract samples followed by analysis using USEPA Method 418.1 (USEPA, 1983; USEPA, 1986). EPH and VPH results were obtained using methods developed by the MADEP (MEDEP, 1995a; MEDEP, 1995b).

D.5.3 PROGRAM OBJECTIVES

The objectives of the on-site soil field screening analytical program were to evaluate the downgradient, lateral, and vertical distribution of contamination in overburden soil, and identify critical samples for off-site laboratory analysis. For the purpose of this on-site/off-site data comparison action levels to evaluate the data sets were based on Category S-1 soils cleanup criteria outlined in the Massachusetts Contingency Plan (MCP) (MADEP, 1995c). A summary of target compound action levels for each target compound evaluated using the on-site methods is outlined below:

	Action Level (µg/g)
Benzene	10
Toluene	90
Ethylbenzene	80
Total Xylenes	500
Chlorobenzene	8
1,1-Dichloroethene	0.3
1,2-Dichloroethene	2
Chloroform	0.1
1,1,1-Trichloroethane	30
Carbon Tetrachloride	1
Trichloroethene	0.4
Tetrachloroethene	0.5
TPH	500
Dichlorobenzene (each isomer)	100
Naphthalene	4
Vinyl Chloride	0.3

D.5.4 DATA COMPARISON AND EVALUATION

Comparability of the data was evaluated using two separate comparisons outlined in Section 4.6 of the POP (ABB-ES, 1995). The first comparison evaluates agreement based on detection of analytes relative to action levels. The second comparison evaluates data based on relative percent differences (RPDs) between split samples. Results of the on-site/off-site analyses are summarized on Table D-5-1, Table D-5-2, and Table D-5-3 for EPH/VPH, TPHC, and VOCs, respectively.

Comparison 1

In this comparison on-site and off-site results were organized into one of the four categories described below:

1. Both on-site and off-site analyses had the target compounds detected/non-detected at concentrations less than the action levels.

2. Both on-site and off-site analyses had the target analytes detected at concentrations greater than action levels.

3. The target compounds were reported above action levels for on-site and the off-site data results were less than action levels.

4. The target compounds were reported above the action level off-site and the on-site results were less than the action levels.

A primary assumption of the comparison was that the off-site data represented the accurate definitive data when comparing results. Sample data which fall within categories 1 and 2 represent agreement between on-site and off-site analytical results. Sample data in category 3 suggested a high bias in the on-site results. Sample data in category 4 suggest a low bias in on-site results. The analytical goal of the program was to have over 95 percent of the results fall into categories 1, 2 and 3.

<u>EPH/VPH</u>

EPH/VPH split sample results are presented in Table D5-1. With the exception of VPH reported by the off-site laboratory in sample BXBD0123, results were reported as non-detect by both the on-site and off-site laboratory. All results were less than the 500 mg/g action level indicating good agreement on hydrocarbon levels relative to the MCP soil criteria.

<u>TPHC</u>. The results of 21 of 22 (95.5%) split sample analysis fell into Category 1 and Category 2 indicating good agreement for the on-site and off-site analyses relative to action levels for fuel hydrocarbons. These data indicate that the on-site data are adequate for the evaluation of the distribution of hydrocarbons at the 500 mg/g action levels.

<u>VOCs</u>. The detection of target VOCs by the on-site laboratory relative to action levels was confirmed by the off-site laboratory. All but one soil sample results fell within Category 1. The one exception was BF570705, where one target compound (Naphthalene) fell into Category 3. Overall, these results indicate good comparison of on-site and off-site results relative to MCP soil cleanup goals and that the goals of the action level comparison were met.

Comparison 2

For the second comparison, relative percent difference (RPD) values were calculated for associated on-site/off-site surface soil samples. Calculation of RPD is outlined in the POP (ABB-ES, 1995). RPD values were compared to USEPA Region I soil field duplicate criteria of 50%. No comparison was conducted for the VPH/EPH results because no comparative positive detections were available.

VOCs

The majority of results were non-detects in both the on-site and off-site laboratory indicating consistent agreement with the absence of contamination for VOCs. Approximately half the positive detections were low concentrations of VOCs reported in the off-site laboratory at concentrations below the reporting limit of on-site split sample. These results are at low concentrations are not interpreted to impact use of field screening results.

In the remaining samples, concentrations of VOCs reported for the on-site screening analysis are consistently greater than concentrations reported in the off-site analysis. Example of these results can be seen in samples BF570700 for naphthalene, BF570705 for ethylbenzene, xylenes, and naphthalene, and BF573006 for ethylbenzene and naphthalene. These results indicate a possible high bias of on-site results. In the above samples high concentrations of TPH were detected indicating the presence of fuel contamination at the sample locations. The on-site method for VOCs utilized a single column GC/PID analysis for BTEX and naphthalene with no second column confirmation. It is highly likely that compound concentrations were over estimated due to interference from non-target fuel hydrocarbons. The off-site analysis was conducted using GC/MS confirmation of target analytes so interference from non-target hydrocarbon would not results in quantitative interferences or false positive identification of compounds.

It is important to note that evidence had also been published indicating the possibility of low bias off-site results due to loss of VOCs during sample collection and handling using bulk sampling procedures (Liikala, 1995). It is possible that concentrations reported at the on-site laboratory may be more representative of actual site conditions. However, for the purpose of this comparison, on-site results are considered potentially biased high.

TPHC

TPHC was detected in approximately 63% of the samples. RPDs of samples with detected TPH ranged from 6% to 200% with the majority of RPDs outside the 50% project goal. There was good correlation of split sample results relative to the magnitude of concentrations reported. In all samples with detects reported, concentrations trends between high and low values agreed well. These results indicate that TPH data are adequate for determination of presence and absence of fuel contamination and the determination of the relative concentrations of contamination at the sites, however, reported concentrations should be considered estimated values.

D.5.5 CONCLUSIONS

There was a strong qualitative and quantitative correlation between the on-site and off-site laboratories. The goal of 95 percent of on-site/off-site data characterized by conditions specified in POP for data categories 1, 2 or 3 was achieved (ABB-ES, 1995), based on results presented in Comparison 1. The comparison results indicate that screening results provided adequate data to identify the presence or absence of contamination at action levels based on MCP Category S-1 soil cleanup criteria (MADEP, 1995).

An evaluation of RPDs (Comparison 2) indicates results for on-site analyses for the VOC target compounds BTEX and naphthalene contamination may be biased high. Bias is possibly a result of interferences with fuel-related compounds and limitations of the GC/PID single column analysis used at the on-site laboratory. The TPH results are adequate for qualitative and semi-quantitative uses, but reported concentrations should be considered estimated.

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APPENDIX D-2
TABLE D2-1
1996 METHOD DETECTION LIMIT STUDY SUMMARY
1996 ON-SITE LABORATORY
FORT DEVENS, MASSACHUSETTS

EPH MDL Study

COMPOUND	SPIKE CONC.	R1	R2	R3	R4	R5	R6	R7	STD. DEV.	MDL	RL
EPH	50 mg/Kg	53	48	41	44	44	39	36	5.7	18	100 mg/Kg

VPH MDL Study

COMPOUND	SPIKE CONC.	R1	R2	R3	R4	R5	R6	R7	STD. DEV.	MDL	RL
VPH	2.5 mg/Kg	2.0	2.1	2.3	2.3	1.9	2.4	1.9	0.19	0.57	6.3 mg/Kg

Initial VOC MDL Study

COMPOUND	SPIKE CONC.	R1	R2	R3	R4	R5	R6	R7	STD. DEV.	MDL	RL
VC	0.10 µg/L	0.320	0.358	0.287	0.296	0.260	0.302	0.297	0.0303	0.095	2.0 µg/L
t-1,2-DCE	0.10 µg/L	0.096	0.096	0.098	0.104	0.093	0.098	0.108	0.0053	0.017	2.0 µg/L
c-1,2-DCE	0.10 µg/L	0.093	0.096	0.092	0.093	0.089	0.095	0.097	0.0026	0.008	2.0 µg/L
TCE	0.10 µg/L	0.093	0.091	0.093	0.090	0.086	0.083	0.094	0.0042	0.013	2.0 µg/L
PCE	0.10 µg/L	0.108	0.103	0.102	0.103	0.099	0.101	0.110	0.0039	0.012	2.0 µg/L
BEN	0.10 µg/L	0.575	0.589	0.577	0.578	0.566	0.553	0.564	0.0117	0.037	2.0 µg/L
TOL	0.10 µg/L	0.416	0.423	0.415	0.429	0.409	0.423	0.422	0.0066	0.021	2.0 µg/L
EBEN	0.10 µg/L	0.385	0.411	0.377	0.400	0.391	0.397	0.542	0.0572	0.180	2.0 µg/L
m/p-X	0.20 µg/L	0.796	0.828	0.728	0.798	0.784	0.756	0.716	0.0405	0.127	4.0 µg/L
o-X	0.10 µg/L	0.371	0.393	0.348	0.479	0.362	0.392	0.376	0.0429	0.135	2.0 µg/L

Second VOC MDL Study

COMPOUND	SPIKE CONC.	R1	R2	R3	R4	R5	R6	R7	STD. DEV.	MDL	RL
VC	0.10 µg/L	0.065	0.059	0.055	0.043	0.052	0.044	0.050	0.0079	0.025	1.0 µg/L
1,1-DCE	0.10 µg/L	0.080	0.071	0.067	0.066	0.054	0.054	0.048	0.0111	0.035	1.0 µg/L
t-1,2-DCE	0.10 µg/L	0.104	0.089	0.099	0.092	0.092	0.085	0.080	0.0079	0.025	1.0 µg/L
c-1,2-DCE	0.10 µg/L	0.086	0.078	0.087	0.079	0.083	0.073	0.077	0.0050	0.016	1.0 µg/L
Chloroform	0.10 µg/L	0.110	0.105	0.114	0.106	0.110	0.101	0.105	0.0043	0.014	1.0 µg/L
1,1,1-TCA	0.10 µg/L	0.095	0.090	0.098	0.089	0.096	0.086	0.088	0.0047	0.015	1.0 µg/L
Carbon tet.	0.10 µg/L	0.093	0.087	0.097	0.085	0.094	0.085	0.086	0.0050	0.016	1.0 µg/L
TCE	0.10 µg/L	0.090	0.085	0.091	0.084	0.085	0.081	0.081	0.0039	0.012	1.0 µg/L
PCE	0.10 µg/L	0.090	0.084	0.095	0.089	0.086	0.082	0.079	0.0054	0.017	1.0 µg/L
BEN	0.10 µg/L	0.110	0.106	0.102	0.104	0.109	0.106	0.109	0.0029	0.009	1.0 µg/L
TOL	0.10 µg/L	0.118	0.117	0.115	0.114	0.119	0.115	0.118	0.0019	0.006	1.0 µg/L
CBEN	0.10 µg/L	0.101	0.095	0.096	0.097	0.102	0.096	0.097	0.0028	0.009	1.0 µg/L
EBEN	0.10 µg/L	0.112	0.105	0.106	0.110	0.113	0.108	0.115	0.0037	0.012	1.0 µg/L
m/p-X	0.20 µg/L	0.244	0.223	0.222	0.227	0.239	0.230	0.222	0.0088	0.028	2.0 µg/L
o-X	0.10 µg/L	0.128	0.124	0.122	0.122	0.125	0.123	0.124	0.0021	0.007	1.0 µg/L

APPENDIX D-2
TABLE D4-1
EPH, VPH, TPHC MATRIX SPIKE and MATRIX SPIKE DUPLICATE RESULTS

1996 ON-SITE LABORATORY
FORT DEVENS, MASSACHUSETTS

EPH MS/MSD

SAMPLE ID	SAMPLE CONC. (mg/Kg)	MS CONC. ADDED (mg/Kg)	MS RECOVERY (%)	MSD RECOVERY (%)	RPD (%)
BX613A17XF	<100	100	45	54	18
BX610123XF	<100	100	50	43	15

VPH MS/MSD

SAMPLE ID	SAMPLE CONC. (mg/Kg)	MS CONC. ADDED (mg/Kg)	MS RECOVERY (%)	MSD RECOVERY (%)	RPD (%)
BX613A17XF	<6.3	12.5	88	91	3.4
BX610123XF	<6.3	12.5	57	63	10

TPHC MS

SAMPLE ID	SAMPLE CONC. (mg/Kg)	MS CONC. ADDED (mg/Kg)	MS RECOVERY (%)
RF571503	12,000E	2500	NC
EF573004	12,000E	2500	NC
BF570900	<53	2500	104
RF572002	<54	2500	104
BF571005	<53	2500	96
EF572803	<52	2500	92
RF571409	64	2500	92
BFZW1909	840	2500	162
BFZW0302	<54	2500	88

NC = Not calculated
E = Exceeded calibration range

APPENDIX D-2
TABLE D4-2
VOC MATRIX SPIKE and MATRIX SPIKE DUPLICATE RESULTS
1996 ON-SITE LABORATORY
FORT DEVENS, MASSACHUSETTS

Aqueous samples

SAMPLE ID	ANALYTE	SAMPLE CONC. (ug/L)	MS CONC. ADDED (ug/L)	MS RECOVERY (%)	MSD RECOVERY (%)	RPD (%)
MXBD01P1XF	VC	<2.0	5.0	101	101	0
	t-1,2-DCE	<2.0	5.0	99	103	4.0
	c-1,2-DCE	<2.0	5.0	93	102	9.2
	TCE	<2.0	5.0	101	104	2.9
	PCE	<2.0	5.0	102	105	2.9
	BEN	<2.0	5.0	90	100	11
	TOL	<2.0	5.0	87	129	39
	EBEN	<2.0	5.0	94	109	15
	m/p-X	<4.0	10	93	104	11
	o-X	<2.0	5.0	90	104	14
XFSA0315	VC	<2.0	5.0	105	109	3.7
	t-1,2-DCE	<2.0	50	85	89	4.6
	c-1,2-DCE	<2.0	50	87	92	5.6
	TCE	<2.0	50	86	91	5.6
	PCE	<2.0	50	88	92	4.4
	BEN	<2.0	50	94	96	2.1
	TOL	<2.0	50	94	95	1.1
	EBEN	<2.0	50	94	96	2.1
	m/p-X	<4.0	100	95	97	2.1
	o-X	<2.0	50	95	97	2.1
XFSA0265	VC	<2.0	5.0	101	105	3.9
	t-1,2-DCE	<2.0	50	103	101	2.0
	c-1,2-DCE	8.5	50	95	93	2.1
	TCE	<2.0	50	105	104	1.0
	PCE	15	50	81	79	2.5
	BEN	<2.0	50	97	97	0
	TOL	<2.0	50	98	98	0
	EBEN	3.1	50	96	98	2.1
	m/p-X	<4.0	100	105	104	1.0
	o-X	<2.0	50	103	104	1.0
XFSA0660	VC	<1.0	10	87	89	2.3
	1,1-DCE	<1.0	10	96	97	1.0
	t-1,2-DCE	<1.0	10	95	101	6.1
	c-1,2-DCE	<1.0	10	60	97	47
	Chloroform	<1.0	10	84	108	25
	1,1,1-TCA	<1.0	10	101	105	3.9
	Carbon tet.	<1.0	10	101	103	2.0
	TCE	<1.0	10	95	101	6.1
	PCE	<1.0	10	67	55	20
	1,3-DCB	<1.0	10	70	104	39
	1,4-DCB	<1.0	10	64	102	46

APPENDIX D-2
TABLE D4-2
VOC MATRIX SPIKE and MATRIX SPIKE DUPLICATE RESULTS
1996 ON-SITE LABORATORATORY
FORT DEVENS, MASSACHUSETTS

Aqueous samples

SAMPLE ID	ANALYTE	SAMPLE CONC. (ug/L)	MS CONC. ADDED (ug/L)	MS RECOVERY (%)	MSD RECOVERY (%)	RPD (%)
	1,2-DCB	<1.0	10	56	108	63
	BEN	<1.0	10	87	102	16
	TOL	<1.0	10	90	103	13
	CBEN	<1.0	10	79	106	29
	EBEN	<1.0	10	93	103	10
	m/p-X	<2.0	20	92	104	12
	o-X	<1.0	10	79	102	25
	Naph	<1.0	10	12*	101	158*
XFSA0755	VC	<1.0	10	85	91	6.8
	1,1-DCE	<1.0	10	98	102	4.0
	t-1,2-DCE	<1.0	10	102	104	1.9
	c-1,2-DCE	<1.0	10	108	111	2.7
	Chloroform	<1.0	10	110	110	0
	1,1,1-TCA	<1.0	10	105	107	1.9
	Carbon tet.	<1.0	10	104	107	2.8
	TCE	<1.0	10	110	109	0.9
	PCE	<1.0	10	116	117	0.9
	1,3-DCB	<1.0	10	106	108	1.9
	1,4-DCB	<1.0	10	107	109	1.9
	1,2-DCB	<1.0	10	114	114	0
	BEN	<1.0	10	105	106	0.9
	TOL	<1.0	10	108	108	0
	CBEN	<1.0	10	106	105	0.9
	EBEN	<1.0	10	105	104	1.0
	m/p-X	<2.0	20	109	108	0.9
	o-X	<1.0	10	106	106	0
	Naph	<1.0	10	99	113	13
XFSA1015	VC	<1.0	10	110	113	2.7
	1,1-DCE	<1.0	10	112	114	1.8
	t-1,2-DCE	<1.0	10	118	120	1.7
	c-1,2-DCE	<1.0	10	114	116	1.7
	Chloroform	<1.0	10	113	116	2.6
	1,1,1-TCA	<1.0	10	112	113	0.9
	Carbon tet.	<1.0	10	112	115	2.6
	TCE	<1.0	10	115	116	0.9
	PCE	<1.0	10	114	115	0.9
	1,3-DCB	<1.0	10	118	119	0.8
	1,4-DCB	<1.0	10	120	123	2.5
	1,2-DCB	<1.0	10	125	128	2.4
	BEN	<1.0	10	103	104	1.0
	TOL	<1.0	10	106	107	0.9
	CBEN	<1.0	10	103	105	1.9
	EBEN	<1.0	10	102	103	1.0
	m/p-X	<2.0	20	102	103	1.0

APPENDIX D-2
TABLE D4-2
VOC MATRIX SPIKE and MATRIX SPIKE DUPLICATE RESULTS
1996 ON-SITE LABORATORATORY
FORT DEVENS, MASSACHUSETTS

Aqueous samples

SAMPLE ID	ANALYTE	SAMPLE CONC. (ug/L)	MS CONC. ADDED (ug/L)	MS RECOVERY (%)	MSD RECOVERY (%)	RPD (%)
	o-X	<1.0	10	104	105	1.0
	Naph	<1.0	10	125	146	15
XFSA1220	VC	<1.0	10	88	91	3.4
	1,1-DCE	<1.0	10	96	99	3.1
	t-1,2-DCE	<1.0	10	97	102	5.0
	c-1,2-DCE	<1.0	10	95	101	6.1
	Chloroform	<1.0	10	96	102	6.1
	1,1,1-TCA	<1.0	10	98	101	3.0
	Carbon tet.	<1.0	10	96	100	4.1
	TCE	<1.0	10	95	100	5.1
	PCE	<1.0	10	96	102	6.1
	1,3-DCB	<1.0	10	96	105	9.0
	1,4-DCB	<1.0	10	95	105	10
	1,2-DCB	<1.0	10	88	104	17
	BEN	<1.0	10	101	104	2.9
	TOL	<1.0	10	103	106	2.9
	CBEN	<1.0	10	100	104	3.9
	EBEN	<1.0	10	100	103	3.0
	m/p-X	<2.0	20	100	103	3.0
	o-X	<1.0	10	101	105	3.9
	Naph	<1.0	10	94	127	30
XFSA1420	VC	<1.0	10	82	84	2.4
	1,1-DCE	<1.0	10	96	98	2.1
	t-1,2-DCE	<1.0	10	104	108	3.8
	c-1,2-DCE	<1.0	10	102	107	4.8
	Chloroform	<1.0	10	105	109	3.7
	1,1,1-TCA	<1.0	10	103	107	3.8
	Carbon tet.	<1.0	10	105	110	4.7
	TCE	<1.0	10	108	110	1.8
	PCE	<1.0	10	112	115	2.6
	1,3-DCB	<1.0	10	111	115	3.5
	1,4-DCB	<1.0	10	122	126	3.2
	1,2-DCB	<1.0	10	128	132	3.1
	BEN	<1.0	10	99	99	0
	TOL	<1.0	10	100	101	1.0
	CBEN	<1.0	10	102	103	1.0
	EBEN	<1.0	10	100	101	1.0
	m/p-X	<2.0	20	100	101	1.0
	o-X	<1.0	10	102	103	1.0
	Naph	<1.0	10	102	136	29

APPENDIX D-2
TABLE D4-2
VOC MATRIX SPIKE and MATRIX SPIKE DUPLICATE RESULTS
1996 ON-SITE LABORATORATORY
FORT DEVENS, MASSACHUSETTS

Aqueous samples

SAMPLE ID	ANALYTE	SAMPLE CONC. (ug/L)	MS CONC. ADDED (ug/L)	MS RECOVERY (%)	MSD RECOVERY (%)	RPD (%)
XFSA1350	VC	<1.0	10	84	79	6.1
	1,1-DCE	<1.0	10	102	99	3.0
	t-1,2-DCE	<1.0	10	110	109	0.9
	c-1,2-DCE	<1.0	10	107	108	0.9
	Chloroform	<1.0	10	108	107	0.9
	1,1,1-TCA	<1.0	10	105	104	1.0
	Carbon tet.	<1.0	10	106	106	0.0
	TCE	<1.0	10	106	108	1.9
	PCE	<1.0	10	99	101	2.0
	1,3-DCB	<1.0	10	111	111	0
	1,4-DCB	<1.0	10	121	120	0.8
	1,2-DCB	<1.0	10	121	118	2.5
	BEN	<1.0	10	101	100	1.0
	TOL	<1.0	10	103	102	1.0
	CBEN	<1.0	10	106	105	0.9
	EBEN	<1.0	10	103	102	1.0
	m/p-X	<2.0	20	103	102	1.0
	o-X	<1.0	10	105	104	1.0
	Naph	<1.0	10	135	146	7.8
XFSA2030	VC	<1.0	10	69	74	7.0
	1,1-DCE	<1.0	10	97	103	6.0
	t-1,2-DCE	<1.0	10	108	112	3.6
	c-1,2-DCE	<1.0	10	113	116	2.6
	Chloroform	<1.0	10	114	116	1.7
	1,1,1-TCA	<1.0	10	109	114	4.5
	Carbon tet.	<1.0	10	110	114	3.6
	TCE	<1.0	10	110	114	3.6
	PCE	<1.0	10	111	117	5.3
	1,3-DCB	<1.0	10	120	125	4.1
	1,4-DCB	<1.0	10	123	133	7.8
	1,2-DCB	<1.0	10	127	141	10
	BEN	<1.0	10	90	93	3.3
	TOL	<1.0	10	93	96	3.2
	CBEN	<1.0	10	97	100	3.0
	EBEN	<1.0	10	94	99	5.2
	m/p-X	<2.0	20	94	100	6.2
	o-X	<1.0	10	98	99	1.0
	Naph	<1.0	10	144	151	4.7

APPENDIX D-2
TABLE D4-2
VOC MATRIX SPIKE and MATRIX SPIKE DUPLICATE RESULTS
1996 ON-SITE LABORATORATORY
FORT DEVENS, MASSACHUSETTS

Soil samples

SAMPLE ID	ANALYTE	SAMPLE CONC. (ug/Kg)	MS CONC. ADDED (ug/Kg)	MS RECOVERY (%)	MSD RECOVERY (%)	RPD (%)
RF570802	VC	<125	625	108	105	2.8
	1,1-DCE	<125	625	103	99	4.0
	t-1,2-DCE	<125	625	108	108	0
	c-1,2-DCE	<125	625	107	108	0.9
	Chloroform	<125	625	107	108	0.9
	1,1,1-TCA	<125	625	107	109	1.9
	Carbon tet.	<125	625	111	112	0.9
	TCE	<125	625	109	108	0.9
	PCE	<125	625	107	106	0.9
	BEN	<125	625	98	97	1.0
	TOL	<125	625	98	98	0
	CBEN	<125	625	99	102	3.0
	EBEN	<125	625	99	99	0
	m/p-X	<250	1250	98	99	1.0
	o-X	<125	625	99	98	1.0
EF573004	VC	<125	625	102	104	1.9
	1,1-DCE	<125	625	97	92	5.3
	t-1,2-DCE	<125	625	106	108	1.9
	c-1,2-DCE	<125	625	106	108	1.9
	Chloroform	<125	625	106	108	1.9
	1,1,1-TCA	<125	625	106	108	1.9
	Carbon tet.	<125	625	108	108	0
	TCE	<125	625	107	109	1.9
	PCE	<125	625	112	113	0.9
	BEN	<125	625	99	99	0
	TOL	<125	625	100	100	0
	CBEN	<125	625	100	102	2.0
	EBEN	<125	625	107	110	2.8
	m/p-X	<250	1250	113	113	0
	o-X	<125	625	117	117	0
BFZW1901	VC	<125	625	103	99	4.0
	1,1-DCE	<125	625	105	102	2.9
	t-1,2-DCE	<125	625	107	105	1.9
	c-1,2-DCE	<125	625	106	105	0.9
	Chloroform	<125	625	105	105	0
	1,1,1-TCA	<125	625	105	104	1.0
	Carbon tet.	<125	625	107	104	2.8

APPENDIX D-2
TABLE D4-2
VOC MATRIX SPIKE and MATRIX SPIKE DUPLICATE RESULTS
1996 ON-SITE LABORATORATORY
FORT DEVENS, MASSACHUSETTS

Soil samples

SAMPLE ID	ANALYTE	SAMPLE CONC. (ug/Kg)	MS CONC. ADDED (ug/Kg)	MS RECOVERY (%)	MSD RECOVERY (%)	RPD (%)
	TCE	<125	625	107	105	1.9
	PCE	<125	625	108	106	1.9
	1,3-DCB	<125	625	101	100	1.0
	1,4-DCB	<125	625	103	104	1.0
	1,2-DCB	<125	625	107	111	3.7
	BEN	<125	625	95	95	0
	TOL	<125	625	97	97	0
	CBEN	<125	625	95	95	0
	EBEN	<125	625	96	96	0
	m/p-X	<250	1250	96	96	0
	o-X	<125	625	97	97	0
	Naph	<125	625	84	101	18
RF571605	VC	<125	625	81	81	0
	1,1-DCE	<125	625	89	86	3.4
	t-1,2-DCE	<125	625	94	94	0
	c-1,2-DCE	<125	625	103	103	0
	Chloroform	<125	625	113	112	0.9
	1,1,1-TCA	<125	625	108	108	0
	Carbon tet.	<125	625	104	102	1.9
	TCE	<125	625	102	102	0
	PCE	<125	625	102	103	1.0
	1,3-DCB	<125	625	107	108	0.9
	1,4-DCB	<125	625	108	107	0.9
	1,2-DCB	<125	625	107	109	1.9
	BEN	<125	625	78	79	1.3
	TOL	<125	625	80	81	1.2
	CBEN	<125	625	82	82	0
	EBEN	<125	625	83	83	0
	m/p-X	<250	1250	81	81	0
	o-X	<125	625	83	83	0
	Naph	<125	625	90	97	7.5
RF571705	VC	<125	625	76	76	0
	1,1-DCE	<125	625	62	64	3.2
	t-1,2-DCE	<125	625	125	126	0.8
	c-1,2-DCE	<125	625	103	104	1.0
	Chloroform	<125	625	122	123	0.8
	1,1,1-TCA	<125	625	106	106	0

APPENDIX D-2
TABLE D4-2
VOC MATRIX SPIKE and MATRIX SPIKE DUPLICATE RESULTS
1996 ON-SITE LABORATORATORY
FORT DEVENS, MASSACHUSETTS

Soil samples

SAMPLE ID	ANALYTE	SAMPLE CONC. (ug/Kg)	MS CONC. ADDED (ug/Kg)	MS RECOVERY (%)	MSD RECOVERY (%)	RPD (%)
	Carbon tet.	<125	625	108	107	0.9
	TCE	<125	625	103	103	0
	PCE	<125	625	102	104	1.9
	1,3-DCB	<125	625	104	107	2.8
	1,4-DCB	<125	625	104	108	3.8
	1,2-DCB	<125	625	104	109	4.7
	BEN	<125	625	78	79	1.3
	TOL	<125	625	82	83	1.2
	CBEN	<125	625	81	81	0
	EBEN	<125	625	82	83	1.2
	m/p-X	<250	1250	80	81	1.2
	o-X	<125	625	82	83	1.2
	Naph	<125	625	77	89	14
BFZW2110	VC	<125	625	73	73	0
	1,1-DCE	<125	625	61	61	0
	t-1,2-DCE	<125	625	99	99	0
	c-1,2-DCE	<125	625	101	101	0
	Chloroform	<125	625	116	116	0
	1,1,1-TCA	<125	625	105	105	0
	Carbon tet.	<125	625	107	107	0
	TCE	<125	625	104	103	1.0
	PCE	<125	625	104	102	1.9
	1,3-DCB	<125	625	108	108	0
	1,4-DCB	<125	625	118	112	5.2
	1,2-DCB	<125	625	120	115	4.3
	BEN	<125	625	78	77	1.3
	TOL	<125	625	83	83	0
	CBEN	<125	625	80	80	0
	EBEN	<125	625	82	82	0
	m/p-X	<250	1250	80	80	0
	o-X	<125	625	82	82	0
	Naph	<125	625	84	95	12
RF572002	VC	<125	625	101	98	3.0
	1,1-DCE	<125	625	108	105	2.8
	t-1,2-DCE	<125	625	130	127	2.3
	c-1,2-DCE	<125	625	108	106	1.9
	Chloroform	<125	625	112	111	0.9

APPENDIX D-2
TABLE D4-2
VOC MATRIX SPIKE and MATRIX SPIKE DUPLICATE RESULTS
1996 ON-SITE LABORATORATORY
FORT DEVENS, MASSACHUSETTS

Soil samples

SAMPLE ID	ANALYTE	SAMPLE CONC. (ug/Kg)	MS CONC. ADDED (ug/Kg)	MS RECOVERY (%)	MSD RECOVERY (%)	RPD (%)
	1,1,1-TCA	<125	625	107	105	1.9
	Carbon tet.	<125	625	110	105	4.7
	TCE	<125	625	108	102	5.7
	PCE	<125	625	108	105	2.8
	1,3-DCB	<125	625	101	102	1.0
	1,4-DCB	<125	625	102	104	1.9
	1,2-DCB	<125	625	107	112	4.6
	BEN	<125	625	100	99	1.0
	TOL	<125	625	101	99	2.0
	CBEN	<125	625	100	100	0
	EBEN	<125	625	100	99	1.0
	m/p-X	<250	1250	100	99	1.0
	o-X	<125	625	97	96	1.0
	Naph	<125	625	84	102	19
BF570900	VC	<125	625	92	93	1.1
	1,1-DCE	<125	625	102	104	1.9
	t-1,2-DCE	<125	625	118	123	4.1
	c-1,2-DCE	<125	625	107	109	1.9
	Chloroform	<125	625	112	116	3.5
	1,1,1-TCA	<125	625	105	106	0.9
	Carbon tet.	<125	625	102	104	1.9
	TCE	<125	625	101	105	3.9
	PCE	<125	625	102	103	1.0
	1,3-DCB	<125	625	100	103	3.0
	1,4-DCB	<125	625	99	102	3.0
	1,2-DCB	<125	625	101	107	5.8
	BEN	<125	625	99	102	3.0
	TOL	<125	625	102	103	1.0
	CBEN	<125	625	100	103	3.0
	EBEN	<125	625	100	102	2.0
	m/p-X	<250	1250	100	103	3.0
	o-X	<125	625	100	104	3.9
	Naph	<125	625	72	94	27
BX502005	VC	<1.0	10	61	95	44
	1,1-DCE	<1.0	10	93	94	1.1
	t-1,2-DCE	<1.0	10	71	95	29
	c-1,2-DCE	<1.0	10	78	93	18

APPENDIX D-2
TABLE D4-2
VOC MATRIX SPIKE and MATRIX SPIKE DUPLICATE RESULTS
1996 ON-SITE LABORATORATORY
FORT DEVENS, MASSACHUSETTS

Soil samples

SAMPLE ID	ANALYTE	SAMPLE CONC. (ug/Kg)	MS CONC. ADDED (ug/Kg)	MS RECOVERY (%)	MSD RECOVERY (%)	RPD (%)
	Chloroform	<1.0	10	79	94	17
	1,1,1-TCA	<1.0	10	72	95	28
	Carbon tet.	<1.0	10	70	97	32
	TCE	<1.0	10	75	93	21
	PCE	<1.0	10	77	95	21
	1,3-DCB	<1.0	10	92	95	3.2
	1,4-DCB	<1.0	10	93	99	6.3
	1,2-DCB	<1.0	10	95	104	9.0
	BEN	<1.0	10	67	84	23
	TOL	<1.0	10	71	84	17
	CBEN	<1.0	10	78	85	8.6
	EBEN	<1.0	10	75	85	13
	m/p-X	<2.0	20	75	85	13
	o-X	<1.0	10	78	85	8.6
	Naph	<1.0	10	126	101	22
BX502015	VC	<1.0	10	111	97	13
	1,1-DCE	<1.0	10	110	99	11
	t-1,2-DCE	<1.0	10	110	102	7.5
	c-1,2-DCE	<1.0	10	109	102	6.6
	Chloroform	<1.0	10	110	104	5.6
	1,1,1-TCA	<1.0	10	111	103	7.5
	Carbon tet.	<1.0	10	112	104	7.4
	TCE	<1.0	10	108	100	7.7
	PCE	<1.0	10	116	106	9.0
	1,3-DCB	<1.0	10	108	103	4.7
	1,4-DCB	<1.0	10	110	104	5.6
	1,2-DCB	<1.0	10	110	106	3.7
	BEN	<1.0	10	98	89	9.6
	TOL	<1.0	10	98	89	9.6
	CBEN	<1.0	10	97	91	6.4
	EBEN	<1.0	10	98	91	7.4
	m/p-X	<2.0	20	98	91	7.4
	o-X	<1.0	10	98	91	7.4
	Naph	<1.0	10	90	101	12

APPENDIX D-2
TABLE D4-2
VOC MATRIX SPIKE and MATRIX SPIKE DUPLICATE RESULTS
1996 ON-SITE LABORATORATORY
FORT DEVENS, MASSACHUSETTS

Soil samples

SAMPLE ID	ANALYTE	SAMPLE CONC. (ug/Kg)	MS CONC. ADDED (ug/Kg)	MS RECOVERY (%)	MSD RECOVERY (%)	RPD (%)
BX502025	VC	<1.0	10	88	87	1.1
	1,1-DCE	<1.0	10	91	88	3.4
	t-1,2-DCE	<1.0	10	98	96	2.1
	c-1,2-DCE	<1.0	10	101	100	1.0
	Chloroform	<1.0	10	103	100	3.0
	1,1,1-TCA	<1.0	10	96	91	5.3
	Carbon tet.	<1.0	10	95	91	4.3
	TCE	<1.0	10	97	93	4.2
	PCE	<1.0	10	166	163	1.8
	1,3-DCB	<1.0	10	104	103	1.0
	1,4-DCB	<1.0	10	107	109	1.9
	1,2-DCB	<1.0	10	108	112	3.6
	BEN	<1.0	10	84	82	2.4
	TOL	<1.0	10	84	82	2.4
	CBEN	<1.0	10	89	87	2.3
	EBEN	<1.0	10	85	83	2.4
	m/p-X	<2.0	20	85	83	2.4
	o-X	<1.0	10	87	85	2.3
	Naph	<1.0	10	106	106	0

APPENDIX D-2
TABLE D4-3
EPH, VPH, TPHC FIELD DUPLICATE RESULTS
1996 ON-SITE LABORATORY
FORT DEVENS, MASSACHUSETTS

EPH Duplicates

SAMPLE ID	SAMPLE CONC. (mg/Kg)	DUPLICATE CONC. (mg/Kg)	RPD (%)
BX613A17XF	<100	<100	NA
BX610115XF	<100	<100	NA
MXBD0323XF	<100	<100	NA
MXBD0217XF	<100	<100	NA

VPH Duplicates

SAMPLE ID	SAMPLE CONC. (mg/Kg)	DUPLICATE CONC. (mg/Kg)	RPD (%)
BX613A17XF	<6.3	<6.3	NA
BX610115XF	<6.3	<6.3	NA
MXBD0323XF	<6.3	<6.3	NA
MXBD0217XF	<6.3	<6.3	NA

TPHC Duplicates

SAMPLE ID	SAMPLE CONC. ppm	DUPLICATE CONC. ppm	RPD (%)
RF571206	<52	<52	NA
EF573106	10,000	14,000	33
BFZW1901	<53	53	200
BFZW1905	<53	<53	NA
RF571503	12000E	12000E	0
RF571603	53	53	0
BFZW0304	<58	<58	NA
BFZW0306	<57	<59	NA
RF571709	65	<65	200
RF572002	<54	<54	NA
BF571110	<62	<65	NA
BF570910	<70	<70	NA
EF572803	<52	52	200
RF571409	64	<64	200

NC = Not calculated
NA = Not applicable
E = Exceeded calibration range

APPENDIX D-2
TABLE D4-4
VOC DUPLICATE RESULTS
1996 ON-SITE LABORATORY
. FORT DEVENS, MASSACHUSETTS

Aqueous Samples

SAMPLE ID	ANALYTE	SAMPLE CONC. (ug/L)	DUPLICATE CONC. (ug/L)	RPD (%)
MX613B30XF	ALL BRL	ND	ND	NA
MX610129XF	ALL BRL	ND	ND	NA
XFSA0315	ALL BRL	ND	ND	NA
XFSA0345	VC	4.0	4.3	7.2
	c-1,2-DCE	86	85	1.2
	TCE	25	24	4.1
	PCE	67	65	3.0
	EBEN	3.3	3.0	9.5
	m/p-X	9.0	8.1	11
	o-X	2.7	2.2	20
XFSA0265	c-1,2-DCE	8.5	6.8	22
	PCE	15	12	22
	EBEN	3.1	<2.0	200.0
MF571305	TOL	2.9	2.6	11
	EBEN	2.8	2.6	7.4
XFSA0420	PCE	33E	33E	0
XFSA0520	c-1,2-DCE	4.1	4.6	11
	PCE	2.3	2.5	8.3
XFSA0640	ALL BRL	ND	ND	NA
XFSA0650	ALL BRL	ND	ND	NA
XFSA0755	ALL BRL	ND	ND	NA
XFSA0840	ALL BRL	ND	ND	NA
XFSA1015	ALL BRL	ND	ND	NA
XFSA1035	ALL BRL	ND	ND	NA
XFSA1130	PCE	64E	63E	1.6
XFSA1330	PCE	4500	4100	9.3
XFSA1420	ALL BRL	ND	ND	NA
XFSA1440	PCE	3.0	3.2	6.5
XFSA1350	PCE	12000	8000	40

APPENDIX D-2
TABLE D4-4
VOC DUPLICATE RESULTS
1996 ON-SITE LABORATORY
FORT DEVENS, MASSACHUSETTS

Aqueous Samples

SAMPLE ID	ANALYTE	SAMPLE CONC. (ug/L)	DUPLICATE CONC. (ug/L)	RPD (%)
XFSA1945	c-1,2-DCE	11	7.7	35
	PCE	26E	20	26
XFSA1965	c-1,2-DCE	64E	70E	9.0
	TCE	17	18	5.7
	PCE	93E	100E	7.3
	TOL	4.9	7.8	46
XFSA2020	BRL	ND	ND	NA

APPENDIX D-2
TABLE D4-4
VOC DUPLICATE RESULTS
1996 ON-SITE LABORATORY
FORT DEVENS, MASSACHUSETTS

SOIL Samples

SAMPLE ID	ANALYTE	SAMPLE CONC. (ug/kg)	DUPLICATE CONC. (ug/kg)	RPD (%)
RF570802	BRL	ND	ND	
EF573004	BRL	ND	ND	NA
RF571010	o-X	880	<300	200
RF571206	BRL	ND	ND	NA
EF573106	Naph	560	<270	200
BFZW1901	BRL	ND	ND	NA
RF571603	Chloroform	380 B	<260	200
	Naph	<260	930	200
BFZW0304	BRL	ND	ND	NA
BFZW0306	BRL	ND	ND	NA
RF571709	BRL	ND	ND	NA
RF572002	Chloroform	340	<270	200
BF571005	BRL	ND	ND	NA
BF571110	BRL	ND	ND	NA
BXG613B29	c-1,2-DCE	12	6.5	59
	PCE	220E	100E	75
BX502025	PCE	17	21	21
BX502030	BRL	ND	ND	NA

* = data not included with statistics of the table, data is an outlier.
BRL = All target compounds reported below reporting limits
ND = non-detect

Appendix D-2
Table D5-1
VPH/EPH Split Sample Results
1996 Field Program
Fort Devens, Massachusetts

Sample Date	Sample	Off-Site EPH mg/kg	On-Site EPH mg/kg	RPD	Scenario 1,2,3,4
6/21/96	BX610127	0.18 U	120 U	NC	1
6/24/96	BX610225	0.16 U	110 U	NC	1
6/20/96	BX613A25	0.16 U	110 U	NC	1
6/19/96	BX613B27	0.17 U	130 U	NC	1
6/18/96	BXBD0123	0.17 U	110 U	NC	1
6/25/96	MXBD0327	0.16 U	110 U	NC	1
6/25/96	MXBD0229	0.18 U	120 U	NC	1
		Off-Site VPH µg/kg	**On-Site VPH mg/kg**	**RPD**	**Scenario 1,2,3,4**
6/21/96	BX610127	13 U	7800 U	NC	1
6/24/96	BX610225	25 U	6700 U	NC	1
6/20/96	BX613A25	13 U	6600 U	NC	1
6/19/96	BX613B27	13 U	7900 U	NC	1
6/18/96	BXBD0123	**280**	7000 U	0	1
6/25/96	MXBD0327	25 U	7100 U	NC	1
6/25/96	MXBD0229	25 U	7500 U	NC	1

Notes:

BC = Not Calculated
RPD = Relative Percent Difference

Appendix D-2
Table D5-2
TPHC Split Sample Results
1996 Field Program
Fort Devens, Massachusetts

Field Sample Number	Analyte	Off-Site Result	On-Site Result	RPD	Scenario
EF 573106	TPHC	18300	1000	57*	2
EF573006	TPHC	6960	8900	24	2
EF572911	TPHC	262	160	48	1
EF572810	TPHC	36100	160	198*	4
BF571110	TPHC	27.8 U	62 U	NC	1
BF571105	TPHC	4250	7400	54*	2
BF571010	TPHC	27.8 U	65	200*	1
BF571005	TPHC	27.6 U	53 U	NC	1
BF570905	TPHC	27.8 U	61 U	NC	1
BF570900	TPHC	39.4	150	65*	1
BF570805	TPHC	27.8 U	67 U	NC	1
BF570800	TPHC	50	53	6.0	1
BF570705	TPHC	31600	14000 E	77*	2
BF570700	TPHC	41400	12000 E	110*	2
BFZW0306	TPHC	57.5	57 U	200*	1
BFZW0310	TPHC	27.8 U	61 U	NC	1
BFZW1905	TPHC	27.8 U	0.4 U	NC	1
BFZW1909	TPHC	1740	840	67*	2
BFZW2002	TPHC	27.8 U	62	200*	1
BRZW2004	TPHC	27.8 U	62 U	NC	1
BFZW2104	TPHC	27.8 U	55 U	NC	1
BFZW2108	TPHC	27.8 U	57	200*	1

Notes:

1. Concentrations in µg/g

RPD = Relative Percent Difference

APPENDIX D-2
TABLE D5-3
SUMMARY OF VOLATILE SPLIT SAMPLE RESULTS
1996 FIELD PROGRAM
FORT DEVENS, MASSACHUSETTS

FIELD SAMPLE NUMBER	TARGET COMPOUND	OFF-SITE RESULT µg/g	ON-SITE RESULT µg/g	RPD	CATEGORY
BF570700	111TCE	.0044 U	1.4 U	NA	1
	11DCE	.0039 U	1.4 U	NA	1
	12DCE	.003 U	1.4 U	NA	1
	12DCLB	1 U	1.4 U	NA	1
	13DCLB	1 U	1.4 U	NA	1
	14DCLB	1 U	1.4 U	NA	1
	C2H3CL	.0062 U	1.4 U	NA	1
	C6H6	.0015 U	1.4 U	NA	1
	CCL4	.007 U	1.4 U	NA	1
	CHCL3	.00087 U	1.4 U	NA	1
	CLC6H5	.00086 U	1.4 U	NA	1
	ETC6H5	.0017 U	1.4 U	NA	1
	MEC6H5	.00078 U	1.4 U	NA	1
	NAP	.4 U	2.3 J	200	1
	TCLEE	.0057	1.4 U	0	1
	TRCLE	.0028 U	1.4 U	NA	1
	XYLEN	.0015 U	1.4 U	NA	1
BF570705	111TCE	0.022 U	1.6 U	NA	1
	11DCE	0.02 U	1.6 U	NA	1
	12DCE	0.015 U	1.6 U	NA	1
	C2H3CL	0.031 U	1.6 U	NA	1
	C6H6	0.0075 U	1.6 U	NA	1
	CCL4	0.035 U	1.6 U	NA	1
	CHCL3	0.0044 U	1.6 U	NA	1
	CLC6H5	0.0044 U	1.6 U	NA	1
	ETC6H5	1.2	11	161	1
	MEC6H5	0.31	1.6 U	NA	1
	TCLEE	0.0041 U	1.6 U	NA	1
	TRCLE	0.014 U	1.6 U	NA	1
	XYLEN	22	86	119	1
	12DCLB	8	4.6	54	1
	13DCLB	0.6 U	1.6 U	NA	1
	14DCLB	2	14	150	1
	NAP	9	27 J	100	3
BF570800	111TCE	0.0044 U	0.27 U	NA	1
	11DCE	0.0039 U	0.27 U	NA	1
	12DCE	0.003 U	0.27 U	NA	1
	C2H3CL	0.0062 U	0.27 U	NA	1
	C6H6	0.0015 U	0.27 U	NA	1
	CCL4	0.007 U	0.27 U	NA	1
	CHCL3	0.00087 U	0.27 U	NA	1
	CLC6H5	0.00086 U	0.27 U	NA	1
	ETC6H5	0.0017 U	0.27 U	NA	1
	MEC6H5	0.0016	0.27 U	0	1
	TCLEE	0.00081 U	0.27 U	NA	1
	TRCLE	0.0028 U	0.27 U	NA	1

APPENDIX D-2
TABLE D5-3
SUMMARY OF VOLATILE SPLIT SAMPLE RESULTS
1996 FIELD PROGRAM
FORT DEVENS, MASSACHUSETTS

FIELD SAMPLE NUMBER	TARGET COMPOUND	OFF-SITE RESULT µg/g	ON-SITE RESULT µg/g	RPD	CATEGORY
	XYLEN	0.0015 U	0.54 U	NA	1
	12DCLB	.11 U	0.27 U	NA	1
	13DCLB	.13 U	0.27 U	NA	1
	14DCLB	.098 U	0.27 U	NA	1
	NAP	.037 U	0.27 U	NA	1
BF570805	111TCE	0.0044 U	0.33 U	NA	1
	11DCE	0.0039 U	0.33 U	NA	1
	12DCE	0.003 U	0.33 U	NA	1
	C2H3CL	0.0062 U	0.33 U	NA	1
	C6H6	0.0015 U	0.33 U	NA	1
	CCL4	0.007 U	0.33 U	NA	1
	CHCL3	0.00087 U	0.33 U	NA	1
	CLC6H5	0.00086 U	0.33 U	NA	1
	ETC6H5	0.0017 U	0.33 U	NA	1
	MEC6H5	0.00078 U	0.33 U	NA	1
	TCLEE	0.00081 U	0.33 U	NA	1
	TRCLE	0.0028 U	0.33 U	NA	1
	XYLEN	0.0015 U	0.66 U	NA	1
	12DCLB	.11 U	0.33 U	NA	1
	13DCLB	.13 U	0.33 U	NA	1
	14DCLB	.098 U	0.33 U	NA	1
	NAP	.037 U	0.33 U	NA	1
BF570900	111TCE	0.0044 U	0.26 U	NA	1
	11DCE	0.0039 U	0.26 U	NA	1
	12DCE	0.003 U	0.26 U	NA	1
	C2H3CL	0.0062 U	0.26 U	NA	1
	C6H6	0.0015 U	0.26 U	NA	1
	CCL4	0.007 U	0.26 U	NA	1
	CHCL3	0.00087 U	0.26 U	NA	1
	CLC6H5	0.00086 U	0.26 U	NA	1
	ETC6H5	0.0017 U	0.26 U	NA	1
	MEC6H5	0.003	0.26 U	0	1
	TCLEE	0.00081 U	0.26 U	NA	1
	TRCLE	0.0028 U	0.26 U	NA	1
	XYLEN	0.0015 U	0.52 U	NA	1
	12DCLB	.11 U	0.26 U	NA	1
	13DCLB	.13 U	0.26 U	NA	1
	14DCLB	.098 U	0.26 U	NA	1
	NAP	.048	0.26 U	0	1
BF570905	111TCE	0.0044 U	0.31 U	NA	1
	11DCE	0.0039 U	0.31 U	NA	1
	12DCE	0.003 U	0.31 U	NA	1
	C2H3CL	0.0062 U	0.31 U	NA	1
	C6H6	0.0015 U	0.31 U	NA	1
	CCL4	0.007 U	0.31 U	NA	1
	CHCL3	0.00087 U	0.31 U	NA	1

APPENDIX D-2
TABLE D5-3
SUMMARY OF VOLATILE SPLIT SAMPLE RESULTS
1996 FIELD PROGRAM
FORT DEVENS, MASSACHUSETTS

FIELD SAMPLE NUMBER	TARGET COMPOUND	OFF-SITE RESULT µg/g	ON-SITE RESULT µg/g	RPD	CATEGORY
	CLC6H5	0.00086 U	0.31 U	NA	1
	ETC6H5	0.0017 U	0.31 U	NA	1
	MEC6H5	0.0012	0.31 U	0	1
	TCLEE	0.00081 U	0.31 U	NA	1
	TRCLE	0.0028 U	0.31 U	NA	1
	XYLEN	0.0015 U	0.61 U	NA	1
	12DCLB	.11 U	0.31 U	NA	1
	13DCLB	.13 U	0.31 U	NA	1
	14DCLB	.098 U	0.31 U	NA	1
	NAP	.037 U	0.31 U	NA	1
BF571005	111TCE	.0044 U	0.26 U	NA	1
	11DCE	.0039 U	0.26 U	NA	1
	12DCE	.003 U	0.26 U	NA	1
	12DCLB	.11 U	0.26 U	NA	1
	13DCLB	.13 U	0.26 U	NA	1
	14DCLB	.098 U	0.26 U	NA	1
	C2H3CL	.0062 U	0.26 U	NA	1
	C6H6	.0015 U	0.26 U	NA	1
	CCL4	.007 U	0.26 U	NA	1
	CHCL3	.00087 U	0.26 U	NA	1
	CLC6H5	.00086 U	0.26 U	NA	1
	ETC6H5	.0017 U	0.26 U	NA	1
	MEC6H5	.00078 U	0.26 U	NA	1
	NAP	.037 U	0.26 U	NA	1
	TCLEE	.00081 U	0.26 U	NA	1
	TRCLE	.0028 U	0.26 U	NA	1
	XYLEN	.0015 U	0.39 U	NA	1
BF571010	111TCE	.0044 U	0.33 U	NA	1
	11DCE	.0039 U	0.33 U	NA	1
	12DCE	.003 U	0.33 U	NA	1
	12DCLB	.11 U	0.33 U	NA	1
	14DCLB	.098 U	0.33 U	NA	1
	C2H3CL	.0062 U	0.33 U	NA	1
	C6H6	.0015 U	0.33 U	NA	1
	CCL4	.007 U	0.33 U	NA	1
	CHCL3	.00087 U	0.33 U	NA	1
	CLC6H5	.00086 U	0.33 U	NA	1
	ETC6H5	.0017 U	0.33 U	NA	1
	MEC6H5	.00078 U	0.33 U	NA	1
	NAP	.037 U	0.33 U	NA	1
	TCLEE	.00081 U	0.33 U	NA	1
	TRCLE	.0028 U	0.33 U	NA	1
	XYLEN	.0015 U	0.49 U	NA	1
BF571105	111TCE	.0044 U	0.27 U	NA	1
	11DCE	.0039 U	0.27 U	NA	1
	12DCE	.003 U	0.27 U	NA	1

APPENDIX D-2
TABLE D5-3
SUMMARY OF VOLATILE SPLIT SAMPLE RESULTS
1996 FIELD PROGRAM
FORT DEVENS, MASSACHUSETTS

FIELD SAMPLE NUMBER	TARGET COMPOUND	OFF-SITE RESULT µg/g	ON-SITE RESULT µg/g	RPD	CATEGORY
	12DCLB	.6 U	0.27 U	NA	1
	13DCLB	.6 U	0.27 U	NA	1
	14DCLB	.5 U	0.27 U	NA	1
	C2H3CL	.0062 U	0.27 U	NA	1
	C6H6	.0015 U	0.27 U	NA	1
	CCL4	.007 U	0.27 U	NA	1
	CHCL3	.00087 U	0.27 U	NA	1
	CLC6H5	.00086 U	0.27 U	NA	1
	ETC6H5	.0017 U	0.27 U	NA	1
	MEC6H5	.00078 U	0.27 U	NA	1
	NAP	.2 U	0.27 U	NA	1
	TCLEE	.00081 U	0.27 U	NA	1
	TRCLE	.0028 U	0.27 U	NA	1
	XYLEN	.0015 U	0.41 U	NA	1
BF571110	111TCE	.0044 U	0.31 U	NA	1
	11DCE	.0039 U	0.31 U	NA	1
	12DCE	.003 U	0.31 U	NA	1
	12DCLB	.11 U	0.31 U	NA	1
	13DCLB	.13 U	0.31 U	NA	1
	13DCLB	.13 U	0.31 U	NA	1
	14DCLB	.098 U	0.31 U	NA	1
	C2H3CL	.0062 U	0.31 U	NA	1
	C6H6	.0015 U	0.31 U	NA	1
	CCL4	.007 U	0.31 U	NA	1
	CHCL3	.00087 U	0.31 U	NA	1
	CLC6H5	.00086 U	0.31 U	NA	1
	ETC6H5	.0017 U	0.31 U	NA	1
	MEC6H5	.0018	0.31 U	0	1
	NAP	.037 U	0.31 U	NA	1
	TCLEE	.00081 U	0.31 U	NA	1
	TRCLE	.0028 U	0.31 U	NA	1
	XYLEN	.0015 U	0.62 U	NA	1
EF572810	111TCE	.0044 U	0.31 U	NA	1
	11DCE	.0039 U	0.31 U	NA	1
	12DCE	.003 U	0.31 U	NA	1
	C2H3CL	.0062 U	0.31 U	NA	1
	C6H6	.0015 U	0.31 U	NA	1
	CCL4	.007 U	0.31 U	NA	1
	CHCL3	.00087 U	0.31 U	NA	1
	CLC6H5	.00086 U	0.31 U	NA	1
	ETC6H5	.0042	0.31 U	0	1
	MEC6H5	.00078 U	0.31 U	NA	1
	TCLEE	.0094	0.31 U	0	1
	TRCLE	.0028 U	0.31 U	NA	1
	XYLEN	.066	0.62 U	0	1
EF572911	111TCE	.0044 U	0.31 U	NA	1

APPENDIX D-2
TABLE D5-3
SUMMARY OF VOLATILE SPLIT SAMPLE RESULTS
1996 FIELD PROGRAM
FORT DEVENS, MASSACHUSETTS

FIELD SAMPLE NUMBER	TARGET COMPOUND	OFF-SITE RESULT µg/g	ON-SITE RESULT µg/g	RPD	CATEGORY
	11DCE	.0039 U	0.31 U	NA	1
	12DCE	.003 U	0.31 U	NA	1
	C2H3CL	.0062 U	0.31 U	NA	1
	C6H6	.0015 U	0.31 U	NA	1
	CCL4	.007 U	0.31 U	NA	1
	CHCL3	.00087 U	0.31 U	NA	1
	CLC6H5	.00086 U	0.31 U	NA	1
	ETC6H5	.0017 U	0.31 U	NA	1
	MEC6H5	.00078 U	0.31 U	NA	1
	TCLEE	.00081 U	0.31 U	NA	1
	TRCLE	.0028 U	0.31 U	NA	1
	XYLEN	.0015 U	0.62 U	NA	1
EF573006	111TCE	.0044 U	0.26 U	NA	1
	11DCE	.0039 U	0.26 U	NA	1
	12DCE	.003 U	0.26 U	NA	1
	C2H3CL	.0062 U	0.26 U	NA	1
	C6H6	.0015 U	0.26 U	NA	1
	CCL4	.007 U	0.26 U	NA	1
	CHCL3	.00087 U	0.26 U	NA	1
	CLC6H5	.00086 U	0.26 U	NA	1
	ETC6H5	.0017 U	0.49	200	1
	MEC6H5	.00078 U	0.26 U	NA	1
	TCLEE	.00081 U	0.26 U	NA	1
	TRCLE	.0028 U	0.26 U	NA	1
	XYLEN	.13	3.8	97	1
EF573106	111TCE	.0044 U	0.27 U	NA	1
	11DCE	.0039 U	0.27 U	NA	1
	12DCE	.003 U	0.27 U	NA	1
	12DCLB	.6 U	0.27 U	NA	1
	13DCLB	.6 U	0.27 U	NA	1
	14DCLB	.5 U	0.27 U	NA	1
	C2H3CL	.0062 U	0.27 U	NA	1
	C6H6	.0015 U	0.27 U	NA	1
	CCL4	.007 U	0.27 U	NA	1
	CHCL3	.00087 U	0.27 U	NA	1
	CLC6H5	.00086 U	0.27 U	NA	1
	ETC6H5	.0017 U	0.27 U	NA	1
	MEC6H5	.00078 U	0.27 U	NA	1
	NAP	2 U	0.56	200	1
	TCLEE	.00081 U	0.27 U	NA	1
	TRCLE	.0028 U	0.27 U	NA	1
	XYLEN	.0015 U	0.41 U	NA	1

NOTES:
NA= not applicable
J = estimated result
U = non-detect

ATTACHMENT D2-1

1996 FIELD ANALYTICAL PROCEDURES

PROJECT OPERATION PLAN ADDENDUM
1996 FIELD SCREENING METHODOLOGY
TARGET VOLATILE ORGANIC COMPOUNDS(VOCS)
ESTIMATION OF TOTAL VOLATILE PETROLEUM HYDROCARBONS(TVPH)
AND TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS(TEPH)

1.0 Introduction

Field screening procedures for Fort Devens remedial investigations are described in Section 4.6 of the Fort Devens Project Operation Plan (POP) (ABB-ES, 1995). Modifications to some of these field screening procedures have been made for the 1996 field investigations. The purpose of this addendum is to outline modifications to field screening procedures that will be incorporated into the 1996 field program. Field screening gas chromatography (GC) procedures have been developed to provide on-site results for target volatile organics (VOCs) and estimates of total volatile petroleum hydrocarbons (TVPH) and extractable petroleum hydrocarbons (TEPH). The TVPH and TEPH measurements will provide an estimate of total hydrocarbons present in each fraction that are comparable to results generated using analytical methods developed by the Massachusetts Department of Environmental Protection (MADEP), however, TVPH and TEPH will be reported as a total concentration and not broken down into aliphatic and aromatic fractions as outlined in the MADEP methodology (MADEP, 1995). The purpose of the field analyses is to provide quick turnaround of analytical results for real time decision making during the field investigation.

A summary of the field methodologies instrumentation, sample preparation, instrument calibration, target compounds and detection limits, sample quantitation, and analytical quality control analyses are presented below.

2.0 Field Instrumentation and Analytical Methods

Investigations at AOC 50 are driven by the potential presence of fuel hydrocarbons including benzene, toluene, ethylbenzene, and xylene (BTEX), and solvents including tetrachloroethene (PCE) and the de-chlorination degradation products trichloroethene (TCE), cis-1,2-dichloroethene, trans-1,2-dichloroethene, and vinyl chloride in groundwater. Groundwater samples collected at AOC 50 will be analyzed using purge and trap Method 5030A and modified USEPA Method 8021A and modified USEPA Method 8015A (USEPA, 1995). As outlined in Method 8021A, BTEX compounds will be identified and quantified with a photoionization detector (PID) and the chlorinated solvents will be identified and quantified using an electrolytic conductivity detector (ELCD). As outlined in Method 8015, TVPH will be quantified using a Flame ionization detector (FID). Target compounds and reporting limits for AOC 50 groundwater samples are summarized in Table 1. For target compound analyses, analytical procedures for instrument calibration, sample identification, quality control blank analyses, and sample preparation will be consistent with those outlined in the POP. TVPH procedures are described below in Subsection 2.2.

Investigations at AOCs 61Z and 63BD are driven by the potential presence of fuel hydrocarbons as a result of fuel oil and waste oil products releases to soil. Soil samples collected at AOCs 61Z and 63BD will be analyzed for TVPH and TEPH using modified USEPA Method 8015A for TVPH and TEPH. Soil samples analyzed for TVPH will be prepared using a methanol extraction as outlined in USEPA Method 5030A and the POP. Methanol extracts will be analyzed using purge and trap GC/FID for the TVPH. Soil samples analyzed for TEPH will be prepared using a methylene chloride micro-extraction technique and direct injection by GC/FID. A summary of target compounds and reporting limits for the soil analyses is presented in Table 1.

Laboratory techniques used for sample preparation for the TEPH method, and calibration and sample quantitation procedures for the TVPH and TEPH methods are outlined in the following sections.

2.1 TEPH Sample Preparation:

Sample analysis and preparation techniques have been adapted from protocols outlined in SW-846 3rd ed. USEPA Methods 3550A (USEPA 1995).

Soil Samples. Weigh 2 grams (± 0.1 g) wet soil into a 12 ml screw cap test tube. Spike the sample mixture with appropriate concentration of surrogate solution. For MS/MSD samples the appropriate aliquot of spike solution is added to the sample. Add approximately 2 grams of anhydrous sodium sulfate, Na_2SO_4 (a drying agent) to the sample. With a Teflon spatula thoroughly mix the sample and sodium sulfate (break the sample up to form a uniform free flowing mixture). Add 10 mL of methylene chloride to the sample.

Shake or vortex vigorously for 3 minutes to mix and extract the sample. The field chemist will pay close attention to the sample extraction to ensure that the soil and solvent are actively mixing during the 3 minute extraction. Allow the sample to stand and separate or centrifuge the sample to separate the solvent phase. Withdraw a the extract solvent and transfer the sample extract to a sample vial and cap, sample in now ready for analysis.

Dilutions. If high concentrations of fuels are suspected, then samples should be analyzed prior to concentration, otherwise the extract can be diluted with methylene chloride to bring the target compound concentrations within the instrument calibration range. To dilute the sample, remove a measured quantity of extract and add to an appropriate volume of extraction solvent. The results of diluted samples will be adjusted for by the dilution factor.

2.2 TVPH and TEPH Instrument Calibration

Initial and continuing calibration will be established for TVPH and TEPH. A commercial gasoline standard will be used for TVPH calibration. A commercial Fuel Oil #2 or diesel standard will be used for TEPH calibration. The retention time markers identified in the MADEP methods to determine the retention times of the TVPH and TEPH determination will be used to define the hydrocarbon molecular weight range of the TVPH and TEPH analyses. The hydrocarbon range quantified in the TVPH analysis will extend from 0.1 minutes before the marker compound pentane to 0.1 minute after naphthalene. The TEPH hydrocarbon range quantified will extend from 0.1 minute before naphthalene to 0.1 minute after hexatriacontane. The concentration of hydrocarbons in standards and samples will be determined based on the total baseline to baseline area response of the standards within the designated retention time widows. A three point initial calibration and continuing calibration will be conducted as outlined in the POP. The concentrations of TVPH and TEPH will be added together to determine the total concentration of petroleum hydrocarbons present at a given sample location.

3.0 Quality Control:

Quality control steps outlined below will be conducted during the field analyses including an MDL study for target compounds, initial and continuing calibrations, method blank extraction and analysis with each sample batch, matrix spikes and field duplicate sample analyses, and evaluation of accuracy using a surrogate standard.

- holding times: Soil: 14 days
  Water: 7 days
- Surrogate %R goal of 50% (<30% re-analysis limit)
- MDL study (Appendix B part 136, CFR 40)
- Initial calibration by linear regression (.95) or average response factor (RSD 25%) with low standard at or near reporting limit
- Continuing calibration each day and after 20 samples (30% difference)
- Extraction blank (method blank) with each extraction batch prepared or daily with each purge and trap analytical sequence
- Matrix spike/Matrix spike duplicates will be prepared by spiking 5 percent of samples with target compounds, a commercial gasoline standard, or a commercial diesel fuel standard, as appropriate for each analysis, at approximately the mid-range of the calibration curve. Percent recoveries (%R) and relative percent difference (RPD) will be used to evaluate the accuracy and precision of measurements and to qualify results. Percent recovery goals: 60% to 140%; RPD < 20
- Field duplicates will be submitted to the field laboratory routinely during the program. Relative percent difference of the duplicate results will be used to evaluate the precision

of field measurements and qualify results. RPD goals are 30% for aqueous samples and 50% for soil samples.

4.0 Data Review and Reporting:

The field chemist will review results based on project data quality control goal outlined above. Sample results not meeting data quality control goals will be qualified as outlined below:

Qualification flags for data evaluation

(J) The J flag is used to indicate estimated data. This can occur when a compound does not meet calibration criteria for initial calibration, continuing calibration, or both.

(B) The B flag is used when a target compound is detected in an associated method blank. All values within five times of the method blank result are flagged.

(E) The E flag is used to indicate estimated data. The flag is used when a compound is detected at a concentration that is above the highest calibration standard.

(S) The S flag is used when the associated surrogate recovery is less than 50%. For soils the surrogate recovery must be greater than 50 percent for results to go unqualified, however, re-analysis will only occur if recoveries are less than 30%.

Matrix spike and field duplicate results will be tabulated and summarized on an ongoing basis during the field program. Results will be used by the field chemist, FOL, and project manager on an ongoing basis to evaluate the usability of results. Associated field sample results presented in the final data reports may be qualified based on the judgment of the field and project chemist.

REFERENCES:

Massachusetts Department of Environmental Protection (MADEP), 1995. "Method for the Determination of Extractable Petroleum Hydrocarbons (TEPH); Division of Environmental Analysis; Office of Research and Standards; Bureau of Waste Site Cleanup; August 1995.

Massachusetts Department of Environmental Protection (MADEP), 1995. "Method for the Determination of Volatile Petroleum Hydrocarbons (TVPH); Division of Environmental Analysis; Office of Research and Standards; Bureau of Waste Site Cleanup; August 1995.

U.S. Environmental Protection Agency (USEPA), 1995. "Test Methods for Evaluating Solid Waste"; Laboratory Manual Physical/Chemical Methods; Office of Solid Waste and Remedial Response; Washington, DC; SW-846; November 1986; Revised January 1995.

ATTACHMENT D-1
TABLE 1
SUMMARY OF TARGET COMPOUNDS AND REPORTING LIMITS
1996 FIELD SCREENING PROGRAM
FORT DEVENS REMEDIAL INVESTIGATION

TARGET ANALYTE	SOIL µG/G	WATER µG/L
Benzene	0.25	2
Toluene	0.25	2
Ethylbenzene	0.25	4
m/p-xylene	0.5	2
o-xylene	0.25	2
Tetrachloroethene	0.25	2
Trichloroethene	0.25	2
cis-1,2-dichloroethene	0.25	2
trans-1,2-dichloroethene	0.25	2
Vinyl chloride	0.25	2
1,2-dichlorobenzene*	0.25	2
1,3-dichlorobenzene*	0.25	2
1,4-dichlorobenzene*	0.25	2
Naphthalene*	0.25	2
TVPH	6.25	50
TEPH	100	NA
TPH-IR	50	NA

Notes:

NA = soil not analyzed
µg/g = microgram per gram
µg/L = microgram per liter

* Added to target list part way through field program

1996 OFF-SITE LABORATORY DATA

D.1.0 INTRODUCTION

This Data Quality Report (DQR) provides a detailed data quality assessment for off-site analytical data generated during site investigations conducted at Fort Devens during the fall of 1996 at Areas of Concern (AOCs) 57 and 69W.

Samples collected during the investigation were submitted to Environmental Science and Engineering (ESE), Gainseville, Florida. All laboratory data generated during the sampling programs were reviewed in terms of Data Quality Objectives (DQOs) established in the Fort Devens Project Operations Plan (POP) (ABB-ES, 1995), published analytical methods (USEPA, 1990; USEPA 1994) or applicable USEPA data validation guidelines (USEPA, 1988; USEPA 1989). DQOs refer to a set of qualitative and quantitative statements that assess the data generated during the sampling and analysis phases of the project. The DQOS are defined by the parameters of precision, accuracy, representativeness, completeness, and comparability (PARCC). These parameters present an indication of the data quality, and the confidence that a particular compound may be present or absent in an associated environmental sample. This report describes the analytical methods performed at the on-site and off-site laboratories, and presents an assessment of data quality and usability for samples collected during the fall 1996 field investigation.

D.1.1 OFF-SITE LABORATORY ANALYTICAL METHODS

Subsurface soil and groundwater samples were collected during the 1996 Fort Devens Site Investigation. Samples were analyzed for chemical parameters on the Fort Devens Project Analyte List (PAL). The analytical methodologies performed include PAL inorganics, PAL volatile organic compounds (VOCs), PAL semivolatile organic compounds (SVOCs), PAL pesticides and polychlorinated biphenyls (PCBs). In addition samples were analyzed for total petroleum hydrocarbons (TPHC), and several water quality parameters including hardness, nitrate and nitrite-nitrogen, kjeldahl-nitrogen, total phosphate, total organic carbon (TOC), total dissolved solids (TDS) and total suspended solids (TSS). The analyses performed are summarized on Table D-1.

The USEPA has identified two general levels of analytical data quality, Screening with Definitive Confirmation and Definitive Data (USEPA, 1993). All off-site laboratory data are considered Definitive Data.

The contract laboratory which completed analyses of all off-site analytical samples was Environmental Science and Engineering (ESE), Gainesville, Florida. Analyses were completed implementing the 1990 U.S. Army Toxic and Hazardous Materials Agency (USATHAMA) QA Program (USATHAMA, 1990). Method performance demonstration, data management, and oversight for USATHAMA analytical procedures are currently performed by the U.S. Army Environmental Center (USAEC). A discussion of AEC-certified methods used by ESE Laboratories for samples collected at Fort Devens is provided in Section 7.0 of the Fort Devens POP (ABB-ES, 1995), and methods are listed in Table D-1. This table includes a description of the methods used as well equivalent EPA methods, where they exist. The USAEC method numbers (i.e., method JS16) are specific to the project and to the particular laboratory performing the analyses. For some analyses standard USEPA methods are used. The methods are also indicated in Table D-1.

A detailed discussion of the USAEC laboratory QA program is presented in Section 3.0 of this RI. The laboratory must document proficiency using each of the methods by meeting strict USAEC performance protocols. Once the laboratory has demonstrated this proficiency, they become certified to perform that particular method. It is through this certification process that certified reporting limits (CRLs) are established. CRLs for USAEC methods and reporting limits (RLs) for standard USEPA methods are presented in Table D-1 and in Appendix B of the Fort Devens POP (ABB-ES, 1995).

Samples collected from AOC 612 and 69W were also analyzed for petroleum hydrocarbon analysis using methods developed by the Massachusetts Department of Environmental Protection (MADEP, 1995a; MADEP, 1995b) for volatile petroleum hydrocarbons (VPH) and Extractable Petroleum Hydrocarbons (EPH). Results of these analyses were used to provide more detail on the chemical composition of hydrocarbons present. Analyses were performed by Groundwater Analytical, Inc., Buzzards Bay. A summary of the data quality review of VPH and EPH results is presented in Attachment D-1.

D.2.0 OFF-SITE LABORATORY QUALITY CONTROL BLANK RESULTS

A review was completed on QC blanks including method blanks, rinse blanks and trip blanks analyzed at the off-site laboratory. Blank samples provide a measure of contamination that may have been introduced into a sample set either (1) in the field while samples were being collected or transported to the laboratory, or (2) in the laboratory during sample preparation and analysis. This discussion is intended to provide an evaluation of data generated at this laboratory based on method blank and field quality control data.

D.2.1 METHOD BLANKS

Method blanks were analyzed at the laboratory with each lot of samples to evaluate if sample processing and analysis resulted in sample contamination. Method blanks were performed for both water and soil samples for the following chemical classes: inorganics, VOCs, SVOCs, pesticides/PCBs. Method blanks were also analyzed using USEPA methods for hardness, TOC, TPHC, TDS, and TSS. All method blank data from the AOC 57 and 69W Fort Devens Site Investigation conducted in the fall of 1996 are presented in Table D-2.

D.2.1.1 Inorganics

Seven aqueous method blanks (one for each IRDMIS inorganic method) were analyzed by the laboratory for PAL inorganics during the 1996 Field Investigation. All results for aqueous method blanks were below the respective CRLs indicating there was no inorganic contamination introduced at the laboratory.

One soil method blank, representing one for each IRDMIS inorganic method, was analyzed in association with field samples from the 1996 Fort Devens Investigation. Several elements were detected in soil method blanks. The frequency and concentration ranges of elements detected in these blanks are summarized in Table D-3. Results for mercury, selenium, arsenic thallium, antimony, silver, beryllium, cadmium, chromium, cobalt, sodium, molybdenum, nickel, vanadium, and zinc were below the CRLs.

Soil method blank analyses were conducted using a USAEC approved soil as the matrix. The concentrations of the detected inorganics are due to background levels inherent in this soil. As a result, elements reported for soil method blanks are not interpreted to represent laboratory introduced contamination.

Based on soil and aqueous method blank results, significant inorganic contamination was not introduced during laboratory handling and analysis.

D.2.1.2 VOCs

Method blanks were run with each lot of water and soil samples to determine if VOCs were introduced during laboratory handling and analysis. Three aqueous method blanks were analyzed during the 1996 Field Investigation. All aqueous results for target VOCs were below CRLs. Three soil method blanks were analyzed for VOCs during the 1996 Field Investigation. All method blank results were at concentrations below the CRLs with the exception of acetone, methylene chloride, and trifluorochloromethane. The concentration and frequency of detection for these compounds are shown in Table D-4.

Acetone, methylene chloride, and trichlorofluoromethane, a tentatively identified compound (TIC), are considered common laboratory contaminants (USEPA, 1988) and were likely introduced during laboratory handling. These results indicate that low concentrations of acetone, methylene chloride, and triflorochloromethane may have been introduced during laboratory handling. Field samples with similar concentrations of these compounds may not be representative of site conditions.

D.2.1.3 SVOCs

Two aqueous method blanks were analyzed for SVOC contamination during the 1996 Field Investigation. All method blank results were at concentrations below the CRLs.

Three method blanks for soil were analyzed for SVOC contamination during the 1996 Field Investigation. The concentrations and frequency for compounds detected in soil method blanks are outlined in Table D-5. All target SVOC results for soil method blanks were at concentrations below CRLs. Dioctyl adipate (hexanedoic acid dioctyl ester) and heptacosane, which are non-target SVOCs or TICs, were detected in soil method blanks.

D.2.1.4 Pesticide/PCB

Two aqueous method blanks and two soil method blanks were used to determine if pesticides and PCB compounds were introduced during laboratory preparation and handling. All PCB method blank results were at concentrations below CRL values indicating no sample contamination occurred. The pesticide malathion was detected in water method blanks and the pesticides alpha-chlordane and gamma-chlordane were detected in soil method blanks. The concentration and frequency of detection of these pesticides in water and soil method blanks are shown in Tables D-6 and D-7, respectively. Samples with similar concentrations of these compounds in the media in which they were detected may not be representative of site conditions.

D.2.1.5 TPHC

Several analytical methods were used to measure and characterize petroleum hydrocarbons. During the 1996 Field Investigation, two water method blanks were analyzed for total petroleum hydrocarbons (TPHC) by USEPA Method 418.1; two soil method blanks were analyzed for TPHC as diesel, gasoline and aviation gasoline by USEPA Method 8015; and three soil method blanks were analyzed for TPHC using USEPA Method 9071. All method blank results from the 1996 Field Investigation were below the corresponding CRLs. Based on method blank results, the off-site laboratory is not a significant source of TPHC contamination for the Fort Devens field samples.

D.2.1.6 USEPA Methods for Water Quality Parameters

Method blanks were analyzed in association with USEPA methods for the following water quality parameters: nitrate and nitrite-nitrogen, kjeldahl-nitrogen, total phosphate, hardness, TOC, TDS, and TSS. No positive detections above RLs were reported in any of the above methods.

Based on method blanks results for samples analyzed by USEPA methods, the data collected during the Fort Devens Site Investigation was not impacted by laboratory contamination.

D.2.2 FIELD QUALITY CONTROL BLANKS

Field quality control samples which were analyzed at the off-site laboratory include, rinse blanks, and trip blanks. Results from analyses of the field quality control blanks were used to evaluate the potential for contamination of samples during collection, and shipment and processing at the off-site laboratory.

D.2.2.1 Rinse Blanks

Rinse blanks were used to evaluate the potential for field sampling contamination of site samples. Rinse blanks were collected by pouring deionized water over sampling equipment and into sample containers. The rinse blanks collected during the 1996 Fort Devens Investigation were analyzed for the following chemical classes: PAL inorganics, SVOCs, and PCBs. Rinse blanks were also analyzed by USEPA methods for TOC and TPHC. All rinse blank data collected during the 1996 investigation have been tabulated and are presented in Table D-8.

Inorganics. One rinse blank was analyzed for a subset of PAL elements analyzed by graphite furnace (mercury, thallium, lead, selenium, arsenic, and antimony) during the 1996 Field Investigation. These elements were not detected at concentrations above the CRLs. Rinse blank data for PAL elements analyzed by ICP were not reported. In general, the rinse blank data indicate that decontamination procedures were effective in the removal of residual inorganic contamination from the sampling equipment.

SVOCs. One rinse blank was collected during the 1996 Field Investigation and analyzed for SVOC contamination. With the exception of bis(2-ethylhexyl) phthalate detected at 12 $\mu g/L$, all results for target SVOCs were at concentrations below CRLs. The USEPA Region I considers phthalates as common laboratory contaminants (USEPA, 1988), however, phthalates were not detected in the method blanks collected during this investigation. The presence of phthalates in rinse blanks may be attributed to sampling activities. Detection of bis(2-ethylhexyl)phthalate in Fort Devens field samples at concentrations similar to those detected in rinse blanks may be related to field sampling or decontamination procedures.

Pesticides/PCBs. One rinse blank was analyzed for PCBs during the 1996 Field Investigation. All results reported for PCBs in rinse blanks were below CRLs.

The lack of PCBs detected in rinse blanks indicates there is no evidence of cross contamination during field sampling. Rinse blank samples were not submitted for pesticide analysis during this investigation.

USEPA Methods. During the 1996 Field Investigation, one rinse blank was analyzed for TOC and all results were at concentrations below the reporting limit of 1000 μg/L. Six rinse blanks were analyzed for TPHC. Concentrations of TPHC in the rinse blank was below the reporting limit of 181 μg/L, as well as TPH as gasoline and diesel (reporting limit of 340 μg/L). These data indicate contamination of TOC and TPHC during field sampling did not occur.

D.2.2.2 Trip Blanks

Trip blanks are analyzed to assess the potential for cross contamination of VOCs during sampling, transit, and storage. The trip blank consists of a VOA sample container filled at the contract laboratory with DI/carbon filtered water and shipped to the site with the other VOA sample containers. Trip blanks were included with each shipping container of field VOC samples. No VOCs were detected in three trip blanks indicating cross contamination of VOCs during shipment or handling did not occur. Trip blank data collected during the 1996 investigation are presented in Table D-9.

D.3.0 ACCURACY OF OFF-SITE LABORATORY DATA

Accuracy is a quantitative parameter that determines the nearness of a result to its true value. Accuracy measures the bias in a measurement system. The accuracy of each analytical method was evaluated based on percent recoveries for matrix spikes and/or surrogate standards.

A matrix spike is a sample of a particular matrix to which predetermined quantities of standard solutions of certain target analytes were added prior to sample extraction/digestion and analysis. Samples were spilt into replicates, one replicate was spiked and both aliquots were analyzed.

Accuracy was also evaluated using the recovery of surrogate standards in the volatile and semivolatile analyses, and for pesticides and PCBs. Surrogate standards are organic compounds which are similar to the analytes of interest in chemical composition, extraction, and chromatography, but which are not normally found in environmental samples. These compounds are spiked into all samples prior to analysis.

Percent recovery of matrix spikes and surrogate spikes provide an indication of data accuracy and potential data bias from matrix related effects. Percent recovery was calculated using the equation shown in Section 3.3 of the Fort Devens POP (ABB-ES, 1995).

D.3.1 MATRIX SPIKES

Soil and groundwater samples were used for matrix spike and matrix spike duplicate analyses. Spiked samples were analyzed for hardness, nitrate and nitrite-nitrogen, kjeldahl-nitrogen, total phosphate, TPHC, TOC, PAL inorganics, and PAL pesticide/PCBs. Matrix spike and matrix spike duplicate (MS/MSD) samples were collected at a rate of one per twenty environmental samples. A summary of all MS/MSD data collected during the Fort Devens Site Investigations are presented in Table D-10.

The spike data for samples of a specific matrix and analytical method were evaluated together, and are discussed below as one data set. The data have been segregated by method and by analytical parameter to show recovery trends of the individual spiked analytes. In the tables, matrix spikes have been paired with the corresponding matrix spike duplicates to make recovery and RPD comparisons. The average recoveries, and maximum and minimum recoveries for groundwater samples and soil are presented to measure trends for each particular method. The criteria used for interpreting MS/MSD data are taken from analytical USEPA CLP protocols (USEPA, 1990; USEPA, 1994) and the Fort Devens Project Operations Plan (ABB-ES, 1995).

D.3.1.1 Inorganics

Matrix spike analysis was completed all PAL elements. The USEPA CLP guidelines specify control limits for recoveries of inorganic MS/MSDs of 75% and 125% (USEPA, 1990). The majority of PAL elements had recoveries within the USEPA control limits. A subset set of elements had recoveries outside these limits. Elements with at least one MS/MSD recovery outside USEPA CLP limits are presented in Table D-11.

Groundwater. The following groundwater samples from AOC 57 were spiked with target elements: MX5703X3 and MX5710X1. All elements had recoveries within the USEPA CLP limits indicating that groundwater data for inorganics was not significantly influenced by matrix effects.

Soil. One soil MS/MSD sample from AOC 57 (BX570905) was analyzed for PAL inorganics. For the elements aluminum and iron, all matrix spike concentrations were low relative to concentrations already present in the sample. For example, the spike concentration for aluminum was approximately 230 μg/g compared with the sample concentration of 5610 μg/g. The spike concentration for iron was approximately 1,200 μg/g while the sample concentration was 6410 μg/g. The USEPA Region I Data Validation Guidelines (USEPA, 1989) specify spike concentrations be greater than four times the sample concentration for data qualification actions to apply. Since the spike concentrations for aluminum and iron were insignificant relative to sample concentrations, matrix spike recoveries could not be accurately assessed. Based on these results, results for aluminum and iron in soil are not qualified in this RI.

For the elements mercury, arsenic, and manganese the MS/MSD recoveries were below the acceptable USEPA CLP recovery ranges. The frequency at which the

MS/MSD recoveries were outside the USEPA CLP limits, and the corresponding recovery ranges are shown in Table D-11. The outlier recoveries ranged from 52.7% to 74.7%. Outlier recoveries may have been obtained as the result of non-homogeneous concentrations throughout the sample matrices or from matrix interference. Overall, usable results were obtained for all PAL inorganics. The MS/MSD data for soil suggests that there may be some matrix interference in soil samples with detected concentrations of mercury, arsenic, and manganese. Results for mercury, arsenic, and manganese in soil samples should be considered estimated and may be biased low.

D.3.1.2 Pesticides/PCBs

Pesticide and PCB compounds were spiked into groundwater samples to evaluate method accuracy. Ten target pesticide and two PCB compounds were used for spiking including endosulfan I, endosulfan II, aldrin, dieldrin, endrin, heptachlor, isodrin, lindane, methoxychlor, 4,4'-DDT, aroclor 1016, and aroclor 1260. Percent recoveries for pesticides were compared to the USEPA CLP control limits (USEPA, 1994) to determine if results were acceptable. The USEPA CLP guidelines do not specify limits for spike recoveries of endosulfan I, endosulfan II, isodrin, methoxychlor, and PCBs. For these compounds, the surrogate recovery control limits of 30% to 150% specified in the USEPA CLP Guidelines (USEPA, 1994) were used as guidance in evaluating spike recoveries.

Groundwater. One groundwater sample from AOC 57 (MX5703X3) was spiked with target pesticides and PCBs. The spike recoveries of pesticides and PCBs were within USEPA limits with the exception of lindane. The percent recoveries for lindane were 37% and 36%, below the USEPA control limit of 46%. Lindane was not detected in any groundwater samples. Based on these data, lindane reporting limits for groundwater samples collected during this RI may be biased low. Acceptable recoveries for all other pesticide and PCBs indicate there was no matrix effects and the data is acceptable.

D.3.1.3 USEPA Methods

Matrix spike recoveries for water quality parameter analyzed by USEPA methods were evaluated for groundwater. The matrix recoveries for soil were also evaluated for TOC, TPH as gasoline and diesel, and TPHC.

For water quality parameters of hardness, nitrate and nitrite-nitrogen, kjeldahl-nitrogen, and total phosphate, the USEPA CLP control limits for inorganic spikes (75% - 125% recovery) were used for guidance. Professional judgement was used when evaluating the organic parameters TOC and TPHC. The MS/MSD recoveries for these parameters were evaluated on a sample by sample basis and are discussed below.

Groundwater. One groundwater sample from AOC 57 (MX5703X3) was spiked for hardness, nitrogen and phosphate for matrix evaluation. Spike sample recoveries for total phosphate, nitrate and nitrite-nitrogen, and kjeldahl-nitrogen were within the established control limits indicating good accuracy.

According to the data downloaded from IRDMIS, percent recoveries for hardness reported for Lot ZKGN exceeded the control limits. However, the high recoveries are believed to be erroneous due to a unit conversion error samples in this lot. Corrective action for this discrepancy is currently ongoing. Qualification groundwater data based on spike recoveries was not conducted.

Soil. Two MS/MSD soil samples (EX573106 and BX570905) from AOC 57 were spiked and analyzed for matrix effects on concentrations of TPH as diesel and gasoline by USEPA Method 8015. The spike recovery range for these samples was 69.7% to 134.2%. Based on these results, recoveries are within an acceptable range for TPHC data analyzed by USEPA Method 8015.

A total of three spiked soil sample pairs were analyzed for TPHC by USEPA Method 9071. These samples included two soil samples from AOC 57 (EX573106 and BX570905) and one from AOC 69W (BXZW0310). Spike recoveries ranged from 95.4% to 100.1% with the exception the MS recovery in AOC 57 soil sample EX573106. The MS and MSD recoveries reported for this sample were 2.5% and 4.0%, respectively. The low spike recovery reported in sample EX573106 is attributed to sample heterogeneity between the spike and unspiked samples and no site wide qualification of TPHC results was done. TPHC results in sample EX573106, are considered estimated and biased low. Sample EX573106 had 18,300 μg/g of TPHC reported in the original sample.

One soil sample (BX570914) from AOC 57 was spiked for TOC analysis. The recovery of this spiked sample was 92.2% and 107.6% in the MS and MSD fractions, respectively, indicating acceptable method performance.

D.3.2 SURROGATE RECOVERIES

In addition to matrix spikes, the recovery of surrogate standards were also used to assess matrix effects and accuracy of the analytical data. Surrogate standards were used for VOC, SVOC, pesticide and PCB analyses and were added to all soil and groundwater samples prior to analysis.

D.3.2.1 SVOC

The SVOC surrogate standards used to evaluate matrix effects and analytical accuracy included 2-fluorophenol, phenol-D6, 2,4,6-tribromophenol, nitrobenzene-D5, 2-fluorobiphenyl, and terphenyl-D14. Recovery criteria for these surrogates, are taken from analytical USEPA CLP protocols (USEPA, 1994) and the Fort Devens Project Operations Plan (ABB-ES, 1995) and are presented Table D-12. All SVOC surrogate recovery data for the 1996 Fort Devens Site Investigations are presented in Table D-13.

Interpretations on data usability were based on guidance outlined in the USEPA Region I Functional Guidelines for Data Validation (USEPA, 1988). According to this guidance SVOA sample results are judged based on independent evaluations of surrogate recoveries for acid fraction compounds and base-neutral compounds. Each fraction has three surrogates. The acid fraction surrogates include 2-flourophenol, phenol-D6, and 2,4,6-tribromophenol. The base-neutral surrogate standards include nitrobenzene-D5, 2-flourobiphenyl, and terphenyl-D14. SVOA positive results are considered estimated values if two or more surrogates in either the acid or base-neutral fraction are outside the recovery limits. Positive results are considered estimated values and negative (non-detect) results are considered as unusable (rejected) if any surrogate is less than ten percent recovery for the associated fraction.

All SVOA samples were evaluated using the criteria outlined above. Sample results were identified as usable, estimated, or rejected based on the USEPA Region I Guidelines. Data bias was identified if trends in surrogate recoveries for individual samples indicated low or high bias.

Groundwater. All SVOC results for groundwater samples meet the USEPA surrogate standard recovery guidelines and are considered acceptable. Qualification of the groundwater data was not required.

Soil. Four soil samples had recoveries of surrogate standards outside the USEPA CLP guidelines shown in Table D-12. However, qualification of data was not required because there was only one surrogate outlier from either acid or base-neutral fractions. All SVOC results for soil samples are considered acceptable based on surrogate standard recoveries.

D.3.2.2 VOCs

All VOC surrogate recovery data for the Fort Devens Site Investigations are presented in Table D-14. Surrogate standards used for volatile organics include 1,2-dichloroethane-D4, 4-bromoflourobenzene, and toluene-D8. The criteria used for interpreting surrogate data are taken from analytical USEPA CLP protocols (USEPA, 1994) and the Fort Devens Project Operations Plan (ABB-ES, 1995) and are presented in Table D-15. Interpretations on data usability were based on guidance outlined in the USEPA Region I Functional Guidelines for Data Validation (USEPA, 1988). According to the guidelines, positive results are considered estimated values if one or more surrogate standard per sample is outside the recovery limits. If any surrogate standard is recovered at less than ten percent, positive results are considered estimated values and non-detect results are rejected and considered unusable.

All VOC samples were evaluated using the criteria outlined above. Sample results were identified as usable, estimated, or rejected based on the USEPA Region I Guidelines. Data bias was identified if trends in surrogate recoveries for individual samples indicated low or high bias.

VOC soil and groundwater surrogate recovery data indicate the overall accuracy of the GC/MS method used for VOC analyses was acceptable.

Groundwater. The surrogate recoveries for groundwater samples at AOCs 57 and 69W were evaluated for matrix effects and accuracy of the analytical data. All groundwater had surrogate recoveries within the USEPA CLP criteria indicating acceptable method performance. Qualification of groundwater data was not required.

Soil. The recovery of surrogate standard 1,2-Dichloroethane-D4 in soil sample BX571010 from AOC 57 exceed the upper control limit. The surrogate recovery was 126%. Detected concentrations of VOCs in this sample would be qualified as estimated and potentially biased high based; however, no VOC were detected in this sample.

The recovery of surrogate standard 4-bromoflourobenzene in soil samples EX572810 and EX573006 from AOC 57 exceeded the upper control limit. The recoveries were 176% and 182%, respectively, compared to the upper control limit of 121%. Positive results for 2-hexanone, ethylbenzene, tetrachloroethene, and xylenes in sample EX572810 and 2-hexanone and xylenes in sample EX573006 are judged as estimated and biased high based on elevated surrogate recoveries.

D.3.2.3 Pesticide/PCBs

All pesticide surrogate recovery data for the Fort Devens Site Investigations are presented in Table D-16. Surrogate standards used for pesticide and PCB analyses include tetrachlorometaxylene and decachlorobiphenyl. The surrogate recovery control limits of 30% to 150% specified in the USEPA CLP Guidelines (USEPA, 1994) were used as guidance in evaluating surrogate spike recoveries in soil and groundwater samples.

Interpretations on data usability were based on guidance outlined in the USEPA Region I Functional Guidelines for Data Validation (USEPA, 1988). According to the guidelines, professional judgement should be used do determine if recoveries reported below or above the control limits require qualification. All Pesticide and PCB sample data were evaluated using this criteria. Sample results were identified as usable, estimated, or rejected based on the USEPA Region I Guidelines.

Groundwater. The pesticide and PCB surrogate recoveries for groundwater samples at AOCs 57 and 69W were evaluated for matrix effects and accuracy of the analytical data. All surrogate recoveries for tetrachlorometaxylene were within the USEPA CLP control limits and are considered acceptable.

Several groundwater samples had recoveries of decachlorobiphenyl below the USEPA control limits. The outlier recoveries for this surrogate standard ranged from 13.9% to 18.4% for the PCB method and 14.6% to 28.6% in the pesticide method. Low recoveries for decachlorobiphenyl were reported for the following AOC 57 samples: MD5711X1, MX5711X1, MX5712X1 from the PCB fractions and; MX5713X1, MX5703X3 from the pesticide fraction. Reporting limits and detected concentrations results for pesticides and PCBs in these samples would be qualified as estimated and potentially biased low based on low surrogate recoveries. Pesticides and PCBs were not detected in these soil samples, and reporting limits are considered estimated.

Soil. All surrogate recoveries reported for the pesticide method in soil samples were within the USEPA CLP control limits and are considered acceptable. Outlier RPDs for both surrogate standards, tetrachlorometaxylene and decachlorobiphenyl, were reported for the PCB method for AOC 57 soil samples.

Samples with decachlorobiphenyl recoveries below the control limit included AOC 57 samples EX572810, EX573006, and EX573106. The surrogate recoveries in these samples were 15%, 15%, and 19.6%, respectively. Based on these results, Aroclor 1242 and Aroclor 1248 in these three samples and Aroclor 1260 in sample EX572810 are considered estimated and potentially biased-low values.

Soil samples BX570805, BX570905, BX570800, BX570805, and had high surrogate recoveries of decachlorobiphenyl. The recoveries for these samples ranged from 157.4% to 182.9%. Based on these results, Aroclor 1242 and Aroclor 1248 in these four soil samples are considered estimated and potentially biased-high values.

All other soil samples had surrogate recoveries within the USEPA CLP guidelines and are considered acceptable.

D.4.0 PRECISION

Precision is a measure of the reproducibility of the analytical results under a given set of conditions. It is a quantitative measure of the variability of a group of measurements compared to their average value. Precision is measured as the relative percent difference (RPD) between a sample and its duplicate, as is calculated for field duplicate samples, and matrix spike/matrix spike duplicate samples. The following equation is used to calculate the RPD.

$$RPD = 100\ X\ \frac{D_1 - D_2}{0.5(D_1 + D_2)}$$

D_1 and D_2 are the reported concentrations for sample duplicate analyses.

When evaluating precision for organic analyses, the RPDs of the field duplicates are compared to the acceptance criteria of 50% RPD for soil matrices and 30% RPD for water matrices (USEPA, 1988). In cases where one organic result is non-detect, the CRL value was used to calculate the RPD. The acceptance criteria for inorganic analysis for field duplicate samples only applies to analytes that are greater than 5 times the CRL (USEPA, 1989).

Precision is also evaluated by comparison of MS and MSD results. The USEPA CLP control limits were used to evaluate duplicate precision between MS and MSDs. In cases where USEPA CLP control limits for spikes are not available, such as inorganics and various USEPA analytical methods, the control limits for field duplicates listed above were used as guidance.

A discussion of the RPDs for field duplicates is presented below in Section D.4.1, and the RPDs for MS/MSDs are presented in Section D.4.2.

D.4.1 OFF-SITE LABORATORY FIELD DUPLICATE RESULTS

Field duplicate samples from AOCS 57 and 69W at Fort Devens were collected to measure the sampling and analytical precision for the analyses performed at the off-site laboratory. Soil and groundwater duplicate samples were analyzed for the following Fort Devens PAL analytes: inorganics; VOCs; SVOCs; pesticide and PCBs, and TPH. Groundwater field duplicate samples were also analyzed for various water quality parameters including hardness, phosphate and nitrogen and soil duplicate samples were analyzed for TOC and TPHC.

All field duplicate data collected during the 1996 Fort Devens Site Investigation is shown in Table D-18. The RPD has been calculated for each pair of field duplicates.

D.4.1.1 Inorganics

An analysis of the precision of the inorganic duplicate data was completed for each PAL element.

Groundwater. One sample duplicate pair (MX5711X1 and MD5711X1) from AOC 57 was collected. The RPDs of inorganic concentrations for duplicates ranged from 1.5% to 21.6% indicating excellent sampling and analytical precision. All field sample duplicate RPDs were within the USEPA Region I limits.

Soil. One sample duplicate pair from AOC 57 was collected. Calcium was the only element for which the duplicate RPD (78.5%) exceeded the USEPA Region I control limit of 50% RPD. In general, the RPDs between field duplicates indicated good precision. Soil sample data for inorganic elements was considered acceptable based on duplicate precision results.

D.4.1.2 VOCs

Groundwater. One groundwater sample field-duplicate from AOC 57 was collected. Detected target compounds included 1,2-DCE, ethylbenzene, toluene, trichloroethene, and tetrachloroethene. The RPDs ranged from 0% to 18.4% and were well within the USEPA Region I guidelines (30%). The duplicate data for VOCs indicate good precision of the aqueous VOC concentrations.

Soil. One sample duplicate pair from AOC 57 was collected. With the exception of methylene chloride and 1,1,2-trichloro-1,2,2-trifluoroethane, there were no target VOCs detected in groundwater sample duplicates. The RPDs for all VOC results were below the USEPA Region I limit (50%) with the exception of methylene chloride at 79.1% RPD. However, methylene chloride is considered a common laboratory contaminant so it's presence in these samples may not be site related. No qualification of the precision of results was performed.

D.4.1.3 SVOCs

Groundwater. The RPD for duplicates for one groundwater sample pair from AOC 57 was evaluated. Most target SVOCs concentrations were reported as non-detect in both the sample and sample duplicate, resulting in acceptable agreement between results. Target SVOCs detected include 1,2,3-trimethylbenzene, 1,2-dichlorobenzene, 1-ethyl-4-methylbenzene, naphthalene, and bis(2-ethylhexyl)phthalate. RPDs for 1,2-dichlorobenzene, 1-ethyl-4-methylbenzene, and naphthalene were within limits ranging from 10.5 to 27.6. The sample duplicate RPD for 1,2,3-trimethylbenzene in samples MX5711X1 and MD5711X1 was 46.2%, exceeding the precision control limit of 30%. The concentration of 1,2,3-trimethylbenzene in sample MX5711X1 is considered an estimated value. The outlier RPD for bis(2-ethylhexyl)phthalate is not considered significant because this compound is a considered a potential laboratory contaminant.

Soil. The RPDs of SVOC concentrations for one duplicate soil sample from AOC 57 was evaluated. The samples evaluated were BX571110 and duplicate sample BD571110. There were no target SVOCs detected in either soil sample indicating excellent agreement for non-detected target compounds.

D.4.1.4 Pesticide/PCBs

Groundwater. One groundwater field duplicate was collected from AOC 57. The samples evaluated were MX5711X1 and duplicate sample MD5711X1. All results were reported as non-detect indicating excellent agreement for non-detected target compounds.

Soil. One field duplicate soil sample was collected from AOC 57 for pesticides and PCBs. The samples evaluated were BX571110 and duplicate sample BD571110. All results were reported as non-detect indicating excellent agreement for non-detected target compounds.

D.4.1.5 Other Methods

An evaluation of duplicate results for various water quality parameters obtained using non-USAEC performance demonstrated methods was conducted. Duplicate soil samples were analyzed for TOC and TPHC. A discussion of precision between sample duplicates analyzed for these parameters is presented below.

Groundwater. Two groundwater duplicate samples, representing one sample from each AOC were evaluated. The RPD reported for hardness for groundwater sample MX5711X1 and the sample duplicate MD5711X1 from AOC 57 was 34.2%, just above the USEPA Region I control limit of 30%. However, the RPDs for the other groundwater duplicate pair was 3.1% indicating excellent precision. As discussed in Section D.3.1.3, the data downloaded from IRDMIS shows hardness concentrations for samples in Lot ZKGN that are believed to be erroneous due to a unit conversion error. Corrective action for this discrepancy is currently ongoing.

Additional parameters evaluated for precision in groundwater include TSS, TPHC, total phosphate, nitrate and nitrite-nitrogen, and nitrogen by the kjeldahl method. With the exception of TSS data, all results had RPDs within control limits demonstrating consistency for the method and matrix. The RPD for TSS in groundwater sample MDZW19X1 and the sample duplicate MXZW19X1 from AOC 69W was 66.7%. Concentrations of TSS were only slightly greater than the RLs, and no qualification of data usability was done. The RPD for the other groundwater duplicate pair was 3.9%, indicating acceptable precision.

Soil. Soil sample duplicate pairs BX571110 and BD571110 from AOC 57, and samples BXZW0306 and BDZW0306 from AOC 69W were evaluated for precision of TPHC (Method 9071) data. The TPHC results for the soil sample and duplicate pair from AOC 57 were 35.4 $\mu g/g$ and a non-detect value of less than 27.8 $\mu g/g$. Similarly, the TPHC results in the AOC 69W sample duplicate pair were 57.5 $\mu g/g$ and less than 20.9 $\mu g/g$. Variability of results found in this soil sample duplicate pair may be attributed to sample heterogeneity. These results indicate variability of TPHC at concentrations at or near the reporting limits, and that TPHC results in soil should be considered estimated.

D.4.2 OFF-SITE LABORATORY SPIKE DUPLICATE RESULTS

All spike duplicate data and the corresponding RPDs for the 1996 Fort Devens Site Investigation are presented in Table D-10. The RPDs for spike duplicates were calculated for hardness, TPHC, TOC, inorganics, and pesticide/PCBs. The results were compared to the USEPA CLP control limits (USEPA, 1988) to determine if results were acceptable. Samples with RPDs for spike samples outside control limits are discussed below. For most fractions which exhibited RPDs outside the established QC limits, qualification of the data was not required.

D.4.2.1 Inorganics

Elements were spiked into groundwater, surface water, soil and sediment samples to evaluate precision. The USEPA CLP guidelines do not specify limits for spike RPDs for elements. As a result, the RPD control limits for laboratory duplicates of 25% in water samples and 35% in soil samples specified in the USEPA Region I Guidelines (USEPA, 1988) were used as guidance.

Groundwater. Two groundwater samples from AOC 57, MX5710X1 and MX5703X3 were evaluated for precision based on spiked samples. The RPDs for elements in spiked groundwater samples ranged from 0.2% to 10.5%. These results were within the USEPA guidelines indicating acceptable precision between results.

Soil. Soil sample BX570905 from AOC 57 were assessed for spike duplicate precision. The RPDs for all elements ranged from 0.1% to 12.4% with the exception of iron and aluminum. Aluminum and iron RPDs were 193.6% and 198.1%, respectively. However, as discussed in Section D.3.1.1, the spike concentrations low relative to the concentrations present in the unspiked sample making the comparison invalid. The RPD results for elements in soil samples were considered acceptable indicating good method performance.

D.4.2.2 Pesticides/PCBs

Pesticide and PCB compounds were spiked in duplicate into groundwater and soil samples to evaluate precision. Nine target pesticide and two PCB compounds were used as spikes including endosulfan I, endosulfan II, aldrin, dieldrin, endrin, heptachlor, isodrin, lindane, methoxychlor, 4,4'-DDT, aroclor 1016, and aroclor 1260. The USEPA CLP control limits for pesticides are shown in Table D-17. The USEPA CLP guidelines do not specify limits for spike RPDs for endosulfan I, endosulfan II, isodrin, and PCBs. For these compounds, the RPD control limits for field duplicates of 30% in water samples specified in the USEPA CLP Guidelines (USEPA, 1994) were used. Spiked soil samples were not analyzed for pesticides and PCBs during this investigation.

Groundwater. One groundwater sample MX5703X3, from AOC 57, was spiked with target pesticides and PCBs. The RPDs for pesticides ranged from 0.3% to 18.9% and PCBs ranged from 5.1% to 17.2%. These results were all within the USEPA control limits described above. These results indicate excellent precision between sample results.

D.4.2.3 Other USEPA Methods

Precision for spiked samples was also evaluated for various water quality parameters including hardness, total phosphate, nitrate and nitrite-nitrogen, and kjeldahl-nitrogen in water samples, and TPHC and TOC in soil samples. USEPA CLP guidelines for evaluating spike duplicate RPDs for these parameters are not available. The USEPA Region I control limits for field duplicates 30% in water and 50% in soil were used to compare RPDs between spiked samples.

Groundwater. One groundwater sample MX5703X3 from AOC 57 was spiked in duplicate for the water quality parameters listed above to evaluate precision. All RPDs between the MS and MSDs were less than the 30% control limit indicating excellent method performance.

Soil. Soil samples from AOC 57 (BX570914) were spiked in duplicate for TOC to evaluate precision. Samples EX573106, BX570905 from AOC 57, and BXZW0310 from AOC 69W were spiked in duplicate for TPHC analysis by USEPA Method 9071. All RPDs between the MS and MSDs were less than the 50% control limit indicating acceptable method performance for TOC and TPHC (Method 9071).

Two soil samples from AOC 57 (EX573106 and BX570905) were spike in duplicate to evaluate precision for TPHC as diesel and gasoline (USEPA

Method 8015). The RPDs of soil samples for TPHC as gasoline were within the USEPA control limits indicating acceptable precision.

The RPD for TPHC as diesel fuel (63.3%) exceeded the 50% control limits in sample EX573106. Diesel was not detected in either sample. RPD for TPH as diesel in the second soil duplicate pair was 2.6% indicating excellent agreement between results. Based on duplicate spike data, TPH results (USEPA Method 8015) for soil samples overall are acceptable and no qualification of the use of TPH diesel results was done.

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ATTACHMENT D-1
PROJECT CHEMIST REVIEW SUMMARY
MADEP VOLATILE PETROLEUM HYDROCARBON (VPH) AND EXTRACTABLES PETROLEUM HYDROCARBONS (EPH) METHODS
AOC 69W
FORT DEVENS, AYER MASSACHUSETTS

Introduction

This memo summarizes the ABB-ES chemist review of the analytical results generated by Groundwater Analytical for VPH and EPH analyses for Ft. Devens Task 001 Modification (1996). The VPH and EPH methods were conducted as outlined in accordance with Massachusetts Department of Environmental Protection (MADEP, 1995a; MADEP, 1995b).

The data review summaries below discuss the control elements to which the data were evaluated. The data that are available for review included: method control blanks, laboratory control samples, duplicates, matrix spikes/matrix spike duplicates, holding times and a % surrogate recovery.

Extractable Petroleum Hydrocarbons

Method Control Blanks
The method demonstrated no evidence of contamination of EPH or any of the targeted polynuclear aromatic hydrocarbon analytes.

Laboratory Control Samples
The laboratory control sample analyses demonstrated percent recovery values within the specified acceptable ranges.

Duplicates
One field duplicate sample was analyzed; no EPH or targeted polynuclear aromatic hydrocarbon analytes were detected. The results of the sample sets were non-detects. In general, the duplicate results indicate good precision of measurement was obtained for the EPH sample analyses. These results indicated agreement for absence of EPH, however, evaluations of precision for positive detection EPH was not possible.

Matrix Spike/ Matrix Spike Duplicates
Two matrix spike/matrix spike duplicate pairs were analyzed. All target compounds with the exception of naphthalene met the quality control limits for one set of spikes. The associated samples had no detection of naphthalene and were not qualified. Although naphthalene recovery of one set was outside the desired recovery range and the RPD result (RPD=37) slightly exceeded the 30% goal, the balance of analytes results indicate good precision was achieved.

Holding Times
All holding and extraction time limits established for sample analysis were met.

% Surrogate recoveries
All surrogate recoveries were within the acceptance criteria of 60-140%.

<u>**Data Quality Objectives (DQOs)**</u>

DQOs are based on the premise that different data uses require different levels of data quality. Data quality refers to the degree of uncertainty of analytical data with respect to precision, accuracy, representativeness, completeness, and comparability (PARCC). These objectives are established based on site conditions, the purpose of the field program, and the knowledge of the measurement systems used for generation of the analytical data.

No major quality control problems were observed during the data validation process which would affect the usability of the sample results. A discussion of the laboratory data quality as it relates to the PARCC objectives is presented below.

Precision and Accuracy
Precision refers to the reproducibility of a measurement under certain specified conditions, and accuracy measures the bias associated with the sampling and

analysis process. Precision and accuracy are affected by both field and laboratory conditions. Precision was monitored through the analysis of field and laboratory blanks, matrix spikes, and surrogate spikes. The Massachusetts Department of Environmental Protection protocols used for the analysis of samples define the criteria for acceptable precision and accuracy. No major precision and accuracy problems were observed which would affect usability.

Representativeness
Measurements are made so that the results obtained are representative of the sampling population, the medium (e.g., soil, groundwater, sediment, etc.) and the site conditions. The sampling protocols were developed to ensure that the samples were representative of the media, that sampling locations were properly selected, and that a sufficient number of samples were collected. Sample handling protocols (chain-of-custody, storage, and transportation) were adequate to preserve the sample integrity. Proper documentation established that the correct protocols had been followed. Co-located samples (field duplicates) were also collected to assess representativeness, and no major problems were observed which would affect usability.

Completeness
The characteristic of completeness is regarded as providing the results of all samples in the data reporting format outlined in the VPH and EPH methods of Massachusetts Department of Environmental Protection. The completeness requirement for sample analysis has been met for this program.

Comparability
The characteristic of comparability reflects both the internal consistency of measurements and the expression of results in units which are consistent with other organizations reporting similar data. Each value reported for a given measurement should be similar to other values within the same data set and with other related data sets. Comparability was assured through use of standardized sampling procedures and the use of VPH and EPH methods of Massachusetts Department of Environmental Protection analytical methods.

Appendix D-3
Table D-1
Summary of Analytical Parameters

AOC 57 and 69W Remedial Investigation
Fort Devens, Massachusetts

Parameter	Matrix (Soil/Water)	USAEC Method Number	Equivalent USEPA Method Number	Method Description	Laboratory/ Army-Certified Reporting Limit
pH	Water	No Certified Method	150.1	Measured in Field	N/A
Temperature	Water	No Certified Method	170.1	Measured in Field	N/A
Turbidity	Water	No Certified Method	180.1	Measured in Field	N/A
Conductivity	Water	No Certified Method	120.1	Measured in Field Electrode	N/A
RedOX	Water	No Certified Method	SM 2580b	Measured in Field	N/A
Total Suspended Solids	Water	No Certified Method	160.2	Gravimetric	4000 μg/L
Total Dissolved Solids	Water	No Certified Method	160.1	Gravimetric	10,000 μg/L
Total Organic Carbon	Soil	No Certified Method	SW 9060	Infrared	360 μg/g
	Water	No Certified Method	SW 9060	Infrared	1000 μg/L
Nitrate/Nitrite	Water	TF22	351.2	Colorimetric	10 μg/L
Hardness	Water	N/A	130.2 or SM2340B	Titration or Calculation	1000 μg/L
TKN (Kjeldahl)	Water	No Certified Method	351.2	Calorimetric	183 μg/L
Total Petroleum Hydrocarbons	Water	No Certified Method	418.1	Infrared	167 μg/L
	Soil	No Certified Method	SW 9071/ 418.1	Infrared	21 μg/g
Aluminum	Water	SS18	200.7	ICP	141 μg/L
	Soil	JS16	SW 6010	ICP	14.1 μg/g
Antimony	Soil	JS16	SW 6010	ICP	7.14 μg/g
	Water	SD28	-	GFAA	3.03 μg/L
	Soil	JD25	-	GFAA	1.09 μg/g
Arsenic	Water	SD22	206.2	GFAA	2.54 μg/L
	Soil	JD19	SW 7060	GFAA	0.25 μg/g
Barium	Water	SS18	200.7	ICP	2.5 μg/L
	Soil	JS16	SW 6010	ICP	5.91 μg/g

continued

Appendix D-3
Table D-1
Summary of Analytical Parameters

AOC 57 and 69W Remedial Investigation
Fort Devens, Massachusetts

Parameter	Matrix (Soil/Water)	USAEC Method Number	Equivalent USEPA Method Number	Method Description	Laboratory/ Army-Certified Reporting Limit
Beryllium	Water	SS18	200.7	ICP	5.0 μg/L
	Soil	JS16	SW 6010	ICP	0.5 μg/g
Cadmium	Water	SS10	200.7	ICP	3.01 μg/L
	Soil	JS16	SW 6010	ICP	0.7 μg/g
Calcium	Water	SS18	200.7	ICP	1000 μg/L
	Soil	JS16	SW 6010	ICP	100 μg/g
Chromium	Water	SS18	200.7	ICP	6.96 μg/L
	Soil	JS16	SW 6010	ICP	4.05 μg/g
Cobalt	Water	SS18	200.7	ICP	50 μg/L
	Soil	JS16	SW 6010	ICP	1.42 μg/g
Copper	Water	SS18	200.7	ICP	5 μg/L
	Soil	JS16	SW 6010	ICP	0.965 μg/g
Iron	Water	SS18	200.7	ICP	36.8 μg/L
	Soil	JS16	SW 6010	ICP	3.68 μg/g
Lead	Soil	JS16	SW 6010	ICP	10.5 μg/g
	Soil	JD17	SW 7421	GFAA	0.177 μg/g
	Water	SD20	239.2	GFAA	1.26 μg/L
Magnesium	Water	SS18	200.7	ICP	1000 μg/L
	Soil	JS16	SW 6010	ICP	100 μg/g
Manganese	Water	SS18	200.7	ICP	2.5 μg/L
	Soil	JS16	SW 6010	ICP	2.05 μg/g
Mercury	Water	SB01	245.1	CVAA	0.243 μg/L
	Soil	JB01	SW 7471	CVAA	0.05 μg/g
Nickel	Water	SS18	200.7	ICP	7.11 μg/L
	Soil	JS16	SW 6010	ICP	1.71 μg/g

continued

Appendix D-3
Table D-1
Summary of Analytical Parameters

AOC 57 and 69W Remedial Investigation
Fort Devens, Massachusetts

Parameter	Matrix (Soil/Water)	USAEC Method Number	Equivalent USEPA Method Number	Method Description	Laboratory/ Army-Certified Reporting Limit
Potassium	Water	SS18	200.7	ICP	1000 µg/L
	Soil	JS16	SW 6010	ICP	100 µg/g
Selenium	Water	SD21	270.2	GFAA	3.02 µg/L
	Soil	JD15	SW7740	GFAA	0.25 µg/g
Silver	Water	SD23	272.2	GFAA	0.25 µg/L
	Soil	JD18	SW 7761	GFAA	.025 µg/g
	Water	SS18	200.7	ICP	4.42 µg/L
	Soil	JS16	SW 6010	ICP	0.589 µg/g
Sodium	Water	SS18	200.7	ICP	2290 µg/L
	Soil	JS16	SW 6010	ICP	100 µg/g
Thallium	Water	SD09	279.2	GFAA	6.99 µg/L
	Soil	JD24	SW846 7841	GFAA	0.5 µg/g
Vanadium	Water	SS18	200.7	ICP	4.69 µg/L
	Soil	JS16	SW 6010	ICP	3.39 µg/g
Zinc	Water	SS18	200.7	ICP	35.8 µg/L
	Soil	JS16	SW 6010	ICP	8.03 µg/g
Semivolatile Organic Compounds	Water	UM18	625	Extraction,GC/MS	See POP
	Soil	LM18	SW 8270	Extraction,GC/MS	See POP
Volatile Organic Compound	Water	UM20	624	Purge and Trap, GC/MS	See POP
	Soil	LM19	SW 8240	Purge and Trap, GC/MS	See POP
Pesticides/PCBs	Water	UH13/UH02	608	Extraction, GC	See POP
	Soil	LH10/LH16	SW 8080	Extraction, GC-EC	See POP

continued

APPENDIX D-3
TABLE D-1
SUMMARY OF ANALYTICAL PARAMETERS

AOC 57 AND 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

PARAMETER	MATRIX (SOIL/WATER)	USAEC METHOD NUMBER	EQUIVALENT USEPA METHOD NUMBER	METHOD DESCRIPTION	LABORATORY/ ARMY-CERTIFIED REPORTING LIMIT
GRO	Water	No Certified Method	Modified 8015	GC/FID	400 µg/L
	Soil	No Certified Method	Modified 8015	GC/FID	8 µg/g
DRO	Soil	No Certified Method	Modified 8015	GC/FID	8 µg/g

Notes:

POP = Project Operations Plan; Fort Devens, Massachusetts, Data Item A004/A006; U.S. Army Environmental Center; Aberdeen Proving Ground, Maryland; May 1995.
SW = EPA "Test Methods for Evaluating Solid Wastes", SW-846, September 1986
GRO = Gasoline Range Organics
DRO = Diesel Range Organics

Source: ESE, 1991.

Appendix D-3
Table: D-2
METHOD BLANKS (SOIL)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES		8015	DIESEL	QEFU	26-AUG-96	29-AUG-96	<	7.98	UGG
ABB-ES			DIESEL	QEXU	04-SEP-96	08-SEP-96	<	7.98	UGG
ABB-ES			TPHAVG	QEFU	26-AUG-96	29-AUG-96	<	8	UGG
ABB-ES			TPHAVG	QEXU	04-SEP-96	08-SEP-96	<	8	UGG
ABB-ES			TPHGAS	QEFU	26-AUG-96	29-AUG-96	<	8	UGG
ABB-ES			TPHGAS	QEXU	04-SEP-96	08-SEP-96	<	8	UGG
ABB-ES			TPHMO	QEXU	04-SEP-96	08-SEP-96	<	50	UGG
ABB-ES		9060	TOC	ZEFO	10-SEP-96	10-SEP-96	<	360	UGG
ABB-ES			TOC	ZEMO	16-SEP-96	16-SEP-96	<	360	UGG
ABB-ES		9071	TPHC	ZEHO	11-SEP-96	12-SEP-96	<	20.9	UGG
ABB-ES			TPHC	ZELO	18-SEP-96	18-SEP-96	<	20.9	UGG
ABB-ES			TPHC	ZENO	24-SEP-96	25-SEP-96	<	20.9	UGG
ABB-ES	METALS/SOIL/CVAA	JB01	HG	QHDH	15-SEP-96	15-SEP-96	<	.05	UGG
ABB-ES	METALS/SOIL/GFAA	JD15	SE	MBCG	19-SEP-96	24-SEP-96	<	.25	UGG
ABB-ES	METALS/SOIL/GFAA	JD17	PB	OBBG	19-SEP-96	24-SEP-96		.649	UGG
ABB-ES	METALS/SOIL/GFAA	JD19	AS	QBLG	19-SEP-96	25-SEP-96	<	.25	UGG
ABB-ES	METALS/SOIL/FURNACE	JD24	TL	RBSB	19-SEP-96	24-SEP-96	<	.5	UGG
ABB-ES	METALS/SOIL/FURNACE	JD25	SB	SBXB	21-SEP-96	23-SEP-96	<	1.09	UGG
ABB-ES	METALS/SOIL/ICP	JS16	AG	UBNI	21-SEP-96	26-SEP-96	<	.589	UGG
ABB-ES	METALS/SOIL/ICP		AL	UBNI	21-SEP-96	26-SEP-96		636	UGG
ABB-ES	METALS/SOIL/ICP		B	UBNI	21-SEP-96	26-SEP-96	<	5.91	UGG
ABB-ES	METALS/SOIL/ICP		BA	UBNI	21-SEP-96	26-SEP-96		13.4	UGG
ABB-ES	METALS/SOIL/ICP		BE	UBNI	21-SEP-96	26-SEP-96	<	.5	UGG
ABB-ES	METALS/SOIL/ICP		CA	UBNI	21-SEP-96	26-SEP-96		421	UGG
ABB-ES	METALS/SOIL/ICP		CD	UBNI	21-SEP-96	26-SEP-96	<	.7	UGG
ABB-ES	METALS/SOIL/ICP		CO	UBNI	21-SEP-96	26-SEP-96	<	1.42	UGG
ABB-ES	METALS/SOIL/ICP		CR	UBNI	21-SEP-96	26-SEP-96	<	4.05	UGG

Appendix D-3
Table: D-2
METHOD BLANKS (SOIL)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	METALS/SOIL/ICP	JS16	CU	UBNI	21-SEP-96	26-SEP-96		1.01	UGG
ABB-ES	METALS/SOIL/ICP		FE	UBNI	21-SEP-96	26-SEP-96		1160	UGG
ABB-ES	METALS/SOIL/ICP		K	UBNI	21-SEP-96	26-SEP-96		215	UGG
ABB-ES	METALS/SOIL/ICP		MG	UBNI	21-SEP-96	26-SEP-96		202	UGG
ABB-ES	METALS/SOIL/ICP		MN	UBNI	21-SEP-96	26-SEP-96		27.3	UGG
ABB-ES	METALS/SOIL/ICP		MO	UBNI	21-SEP-96	26-SEP-96	<	1.12	UGG
ABB-ES	METALS/SOIL/ICP		NA	UBNI	21-SEP-96	26-SEP-96	<	100	UGG
ABB-ES	METALS/SOIL/ICP		NI	UBNI	21-SEP-96	26-SEP-96	<	1.71	UGG
ABB-ES	METALS/SOIL/ICP		PB	UBNI	21-SEP-96	26-SEP-96	<	10.5	UGG
ABB-ES	METALS/SOIL/ICP		V	UBNI	21-SEP-96	26-SEP-96	<	3.39	UGG
ABB-ES	METALS/SOIL/ICP		ZN	UBNI	21-SEP-96	26-SEP-96	<	8.03	UGG
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ABHC	UFOF	26-AUG-96	26-SEP-96	<	.00907	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ABHC	UFQF	04-SEP-96	01-OCT-96	<	.00907	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ACLDAN	UFOF	26-AUG-96	26-SEP-96	<	.005	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ACLDAN	UFQF	04-SEP-96	01-OCT-96		.00596	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		AENSLF	UFOF	26-AUG-96	26-SEP-96	<	.00602	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		AENSLF	UFQF	04-SEP-96	01-OCT-96	<	.00602	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ALDRN	UFOF	26-AUG-96	26-SEP-96	<	.00729	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ALDRN	UFQF	04-SEP-96	01-OCT-96	<	.00729	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		BBHC	UFOF	26-AUG-96	26-SEP-96	<	.00257	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		BBHC	UFQF	04-SEP-96	01-OCT-96	<	.00257	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		BENSLF	UFOF	26-AUG-96	26-SEP-96	<	.00663	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		BENSLF	UFQF	04-SEP-96	01-OCT-96	<	.00663	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		DBHC	UFOF	26-AUG-96	26-SEP-96	<	.00555	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		DBHC	UFQF	04-SEP-96	01-OCT-96	<	.00555	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		DLDRN	UFOF	26-AUG-96	26-SEP-96	<	.00629	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		DLDRN	UFQF	04-SEP-96	01-OCT-96	<	.00629	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ENDRN	UFOF	26-AUG-96	26-SEP-96	<	.00657	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ENDRN	UFQF	04-SEP-96	01-OCT-96	<	.00657	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ENDRNA	UFOF	26-AUG-96	26-SEP-96	<	.024	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ENDRNA	UFQF	04-SEP-96	01-OCT-96	<	.024	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ENDRNK	UFOF	26-AUG-96	26-SEP-96	<	.024	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ENDRNK	UFQF	04-SEP-96	01-OCT-96	<	.024	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ESFSO4	UFOF	26-AUG-96	26-SEP-96	<	.00763	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ESFSO4	UFQF	04-SEP-96	01-OCT-96	<	.00763	UGG

Appendix D-3
Table: D-2
METHOD BLANKS (SOIL)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	GCLDAN	UFOF	26-AUG-96	26-SEP-96		.00655	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		GCLDAN	UFQF	04-SEP-96	01-OCT-96		.0108	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		HPCL	UFOF	26-AUG-96	26-SEP-96	<	.00618	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		HPCL	UFQF	04-SEP-96	01-OCT-96	<	.00618	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		HPCLE	UFOF	26-AUG-96	26-SEP-96	<	.0062	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		HPCLE	UFQF	04-SEP-96	01-OCT-96	<	.0062	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ISODR	UFOF	26-AUG-96	26-SEP-96	<	.00461	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ISODR	UFQF	04-SEP-96	01-OCT-96	<	.00461	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		LIN	UFOF	26-AUG-96	26-SEP-96	<	.00638	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		LIN	UFQF	04-SEP-96	01-OCT-96	<	.00638	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		MEXCLR	UFOF	26-AUG-96	26-SEP-96	<	.0711	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		MEXCLR	UFQF	04-SEP-96	01-OCT-96	<	.0711	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PPDDD	UFOF	26-AUG-96	26-SEP-96	<	.00826	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PPDDD	UFQF	04-SEP-96	01-OCT-96	<	.00826	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PPDDE	UFOF	26-AUG-96	26-SEP-96	<	.00765	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PPDDE	UFQF	04-SEP-96	01-OCT-96	<	.00765	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PPDDT	UFOF	26-AUG-96	26-SEP-96	<	.00707	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PPDDT	UFQF	04-SEP-96	01-OCT-96	<	.00707	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		TXPHEN	UFOF	26-AUG-96	26-SEP-96	<	.444	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		TXPHEN	UFQF	04-SEP-96	01-OCT-96	<	.444	UGG
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB016	NGHH	26-AUG-96	30-SEP-96	<	.0666	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB016	NGJH	04-SEP-96	10-OCT-96	<	.0666	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB221	NGHH	26-AUG-96	30-SEP-96	<	.082	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB221	NGJH	04-SEP-96	10-OCT-96	<	.082	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB232	NGHH	26-AUG-96	30-SEP-96	<	.082	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB232	NGJH	04-SEP-96	10-OCT-96	<	.082	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB242	NGHH	26-AUG-96	30-SEP-96	<	.082	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB242	NGJH	04-SEP-96	10-OCT-96	<	.082	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB248	NGHH	26-AUG-96	30-SEP-96	<	.082	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB248	NGJH	04-SEP-96	10-OCT-96	<	.082	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB254	NGHH	26-AUG-96	30-SEP-96	<	.082	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB254	NGJH	04-SEP-96	10-OCT-96	<	.082	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB260	NGHH	26-AUG-96	30-SEP-96	<	.0804	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB260	NGJH	04-SEP-96	10-OCT-96	<	.0804	UGG

Appendix D-3
Table: D-2
METHOD BLANKS (SOIL)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/SOIL/GCMS	LM18	124TCB	OETK	26-AUG-96	13-SEP-96	<	.04	UGG
ABB-ES	ORGANICS/SOIL/GCMS		124TCB	OEWK	03-SEP-96	11-SEP-96	<	.04	UGG
ABB-ES	ORGANICS/SOIL/GCMS		124TCB	OEXK	06-SEP-96	23-SEP-96	<	.04	UGG
ABB-ES	ORGANICS/SOIL/GCMS		12DCLB	OETK	26-AUG-96	13-SEP-96	<	.11	UGG
ABB-ES	ORGANICS/SOIL/GCMS		12DCLB	OEWK	03-SEP-96	11-SEP-96	<	.11	UGG
ABB-ES	ORGANICS/SOIL/GCMS		12DCLB	OEXK	06-SEP-96	23-SEP-96	<	.11	UGG
ABB-ES	ORGANICS/SOIL/GCMS		12DPH	OETK	26-AUG-96	13-SEP-96	<	.14	UGG
ABB-ES	ORGANICS/SOIL/GCMS		12DPH	OEWK	03-SEP-96	11-SEP-96	<	.14	UGG
ABB-ES	ORGANICS/SOIL/GCMS		12DPH	OEXK	06-SEP-96	23-SEP-96	<	.14	UGG
ABB-ES	ORGANICS/SOIL/GCMS		13DCLB	OETK	26-AUG-96	13-SEP-96	<	.13	UGG
ABB-ES	ORGANICS/SOIL/GCMS		13DCLB	OEWK	03-SEP-96	11-SEP-96	<	.13	UGG
ABB-ES	ORGANICS/SOIL/GCMS		13DCLB	OEXK	06-SEP-96	23-SEP-96	<	.13	UGG
ABB-ES	ORGANICS/SOIL/GCMS		14DCLB	OETK	26-AUG-96	13-SEP-96	<	.098	UGG
ABB-ES	ORGANICS/SOIL/GCMS		14DCLB	OEWK	03-SEP-96	11-SEP-96	<	.098	UGG
ABB-ES	ORGANICS/SOIL/GCMS		14DCLB	OEXK	06-SEP-96	23-SEP-96	<	.098	UGG
ABB-ES	ORGANICS/SOIL/GCMS		245TCP	OETK	26-AUG-96	13-SEP-96	<	.1	UGG
ABB-ES	ORGANICS/SOIL/GCMS		245TCP	OEWK	03-SEP-96	11-SEP-96	<	.1	UGG
ABB-ES	ORGANICS/SOIL/GCMS		245TCP	OEXK	06-SEP-96	23-SEP-96	<	.1	UGG
ABB-ES	ORGANICS/SOIL/GCMS		246TCP	OETK	26-AUG-96	13-SEP-96	<	.17	UGG
ABB-ES	ORGANICS/SOIL/GCMS		246TCP	OEWK	03-SEP-96	11-SEP-96	<	.17	UGG
ABB-ES	ORGANICS/SOIL/GCMS		246TCP	OEXK	06-SEP-96	23-SEP-96	<	.17	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DCLP	OETK	26-AUG-96	13-SEP-96	<	.18	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DCLP	OEWK	03-SEP-96	11-SEP-96	<	.18	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DCLP	OEXK	06-SEP-96	23-SEP-96	<	.18	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DMPN	OETK	26-AUG-96	13-SEP-96	<	.69	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DMPN	OEWK	03-SEP-96	11-SEP-96	<	.69	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DMPN	OEXK	06-SEP-96	23-SEP-96	<	.69	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DNP	OETK	26-AUG-96	13-SEP-96	<	1.2	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DNP	OEWK	03-SEP-96	11-SEP-96	<	1.2	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DNP	OEXK	06-SEP-96	23-SEP-96	<	1.2	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DNT	OETK	26-AUG-96	13-SEP-96	<	.14	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DNT	OEWK	03-SEP-96	11-SEP-96	<	.14	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DNT	OEXK	06-SEP-96	23-SEP-96	<	.14	UGG
ABB-ES	ORGANICS/SOIL/GCMS		26DNT	OETK	26-AUG-96	13-SEP-96	<	.085	UGG
ABB-ES	ORGANICS/SOIL/GCMS		26DNT	OEWK	03-SEP-96	11-SEP-96	<	.085	UGG
ABB-ES	ORGANICS/SOIL/GCMS		26DNT	OEXK	06-SEP-96	23-SEP-96	<	.085	UGG

Appendix D-3
Table: D-2
METHOD BLANKS (SOIL)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2CLP	OETK	26-AUG-96	13-SEP-96	<	.06	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2CLP	OEWK	03-SEP-96	11-SEP-96	<	.06	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2CLP	OEXK	06-SEP-96	23-SEP-96	<	.06	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2CNAP	OETK	26-AUG-96	13-SEP-96	<	.036	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2CNAP	OEWK	03-SEP-96	11-SEP-96	<	.036	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2CNAP	OEXK	06-SEP-96	23-SEP-96	<	.036	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2MNAP	OETK	26-AUG-96	13-SEP-96	<	.049	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2MNAP	OEWK	03-SEP-96	11-SEP-96	<	.049	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2MNAP	OEXK	06-SEP-96	23-SEP-96	<	.049	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2MP	OETK	26-AUG-96	13-SEP-96	<	.029	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2MP	OEWK	03-SEP-96	11-SEP-96	<	.029	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2MP	OEXK	06-SEP-96	23-SEP-96	<	.029	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2NANIL	OETK	26-AUG-96	13-SEP-96	<	.062	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2NANIL	OEWK	03-SEP-96	11-SEP-96	<	.062	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2NANIL	OEXK	06-SEP-96	23-SEP-96	<	.062	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2NP	OETK	26-AUG-96	13-SEP-96	<	.14	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2NP	OEWK	03-SEP-96	11-SEP-96	<	.14	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2NP	OEXK	06-SEP-96	23-SEP-96	<	.14	UGG
ABB-ES	ORGANICS/SOIL/GCMS		33DCBD	OETK	26-AUG-96	13-SEP-96	<	6.3	UGG
ABB-ES	ORGANICS/SOIL/GCMS		33DCBD	OEWK	03-SEP-96	11-SEP-96	<	6.3	UGG
ABB-ES	ORGANICS/SOIL/GCMS		33DCBD	OEXK	06-SEP-96	23-SEP-96	<	6.3	UGG
ABB-ES	ORGANICS/SOIL/GCMS		3NANIL	OETK	26-AUG-96	13-SEP-96	<	.45	UGG
ABB-ES	ORGANICS/SOIL/GCMS		3NANIL	OEWK	03-SEP-96	11-SEP-96	<	.45	UGG
ABB-ES	ORGANICS/SOIL/GCMS		3NANIL	OEXK	06-SEP-96	23-SEP-96	<	.45	UGG
ABB-ES	ORGANICS/SOIL/GCMS		46DN2C	OETK	26-AUG-96	13-SEP-96	<	.55	UGG
ABB-ES	ORGANICS/SOIL/GCMS		46DN2C	OEWK	03-SEP-96	11-SEP-96	<	.55	UGG
ABB-ES	ORGANICS/SOIL/GCMS		46DN2C	OEXK	06-SEP-96	23-SEP-96	<	.55	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4BRPPE	OETK	26-AUG-96	13-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4BRPPE	OEWK	03-SEP-96	11-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4BRPPE	OEXK	06-SEP-96	23-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4CANIL	OETK	26-AUG-96	13-SEP-96	<	.81	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4CANIL	OEWK	03-SEP-96	11-SEP-96	<	.81	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4CANIL	OEXK	06-SEP-96	23-SEP-96	<	.81	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4CL3C	OETK	26-AUG-96	13-SEP-96	<	.095	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4CL3C	OEWK	03-SEP-96	11-SEP-96	<	.095	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4CL3C	OEXK	06-SEP-96	23-SEP-96	<	.095	UGG

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Table: D-2
METHOD BLANKS (SOIL)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4CLPPE	OETK	26-AUG-96	13-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4CLPPE	OEWK	03-SEP-96	11-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4CLPPE	OEXK	06-SEP-96	23-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4MP	OETK	26-AUG-96	13-SEP-96	<	.24	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4MP	OEWK	03-SEP-96	11-SEP-96	<	.24	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4MP	OEXK	06-SEP-96	23-SEP-96	<	.24	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4NANIL	OETK	26-AUG-96	13-SEP-96	<	.41	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4NANIL	OEWK	03-SEP-96	11-SEP-96	<	.41	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4NANIL	OEXK	06-SEP-96	23-SEP-96	<	.41	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4NP	OETK	26-AUG-96	13-SEP-96	<	1.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4NP	OEWK	03-SEP-96	11-SEP-96	<	1.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4NP	OEXK	06-SEP-96	23-SEP-96	<	1.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ABHC	OETK	26-AUG-96	13-SEP-96	<	.27	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ABHC	OEWK	03-SEP-96	11-SEP-96	<	.27	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ABHC	OEXK	06-SEP-96	23-SEP-96	<	.27	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ACLDAN	OETK	26-AUG-96	13-SEP-96	<	.33	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ACLDAN	OEWK	03-SEP-96	11-SEP-96	<	.33	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ACLDAN	OEXK	06-SEP-96	23-SEP-96	<	.33	UGG
ABB-ES	ORGANICS/SOIL/GCMS		AENSLF	OETK	26-AUG-96	13-SEP-96	<	.62	UGG
ABB-ES	ORGANICS/SOIL/GCMS		AENSLF	OEWK	03-SEP-96	11-SEP-96	<	.62	UGG
ABB-ES	ORGANICS/SOIL/GCMS		AENSLF	OEXK	06-SEP-96	23-SEP-96	<	.62	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ALDRN	OETK	26-AUG-96	13-SEP-96	<	.33	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ALDRN	OEWK	03-SEP-96	11-SEP-96	<	.33	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ALDRN	OEXK	06-SEP-96	23-SEP-96	<	.33	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANAPNE	OETK	26-AUG-96	13-SEP-96	<	.036	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANAPNE	OEWK	03-SEP-96	11-SEP-96	<	.036	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANAPNE	OEXK	06-SEP-96	23-SEP-96	<	.036	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANAPYL	OETK	26-AUG-96	13-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANAPYL	OEWK	03-SEP-96	11-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANAPYL	OEXK	06-SEP-96	23-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANIL	OEXK	06-SEP-96	23-SEP-96	<	.65	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANTRC	OETK	26-AUG-96	13-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANTRC	OEWK	03-SEP-96	11-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANTRC	OEXK	06-SEP-96	23-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2CEXM	OETK	26-AUG-96	13-SEP-96	<	.059	UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2CEXM	OEWK	03-SEP-96	11-SEP-96	<	.059	UGG

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METHOD BLANKS (SOIL)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2CEXM	OEXK	06-SEP-96	23-SEP-96	<	.059	UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2CIPE	OETK	26-AUG-96	13-SEP-96	<	.2	UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2CIPE	OEWK	03-SEP-96	11-SEP-96	<	.2	UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2CIPE	OEXK	06-SEP-96	23-SEP-96	<	.2	UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2CLEE	OETK	26-AUG-96	13-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2CLEE	OEWK	03-SEP-96	11-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2CLEE	OEXK	06-SEP-96	23-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2EHP	OETK	26-AUG-96	13-SEP-96	<	.62	UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2EHP	OEWK	03-SEP-96	11-SEP-96	<	.62	UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2EHP	OEXK	06-SEP-96	23-SEP-96	<	.62	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BAANTR	OETK	26-AUG-96	13-SEP-96	<	.17	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BAANTR	OEWK	03-SEP-96	11-SEP-96	<	.17	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BAANTR	OEXK	06-SEP-96	23-SEP-96	<	.17	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BAPYR	OETK	26-AUG-96	13-SEP-96	<	.25	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BAPYR	OEWK	03-SEP-96	11-SEP-96	<	.25	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BAPYR	OEXK	06-SEP-96	23-SEP-96	<	.25	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BBFANT	OETK	26-AUG-96	13-SEP-96	<	.21	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BBFANT	OEWK	03-SEP-96	11-SEP-96	<	.21	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BBFANT	OEXK	06-SEP-96	23-SEP-96	<	.21	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BBHC	OETK	26-AUG-96	13-SEP-96	<	.27	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BBHC	OEWK	03-SEP-96	11-SEP-96	<	.27	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BBHC	OEXK	06-SEP-96	23-SEP-96	<	.27	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BBZP	OETK	26-AUG-96	13-SEP-96	<	.17	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BBZP	OEWK	03-SEP-96	11-SEP-96	<	.17	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BBZP	OEXK	06-SEP-96	23-SEP-96	<	.17	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BENSLF	OETK	26-AUG-96	13-SEP-96	<	.62	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BENSLF	OEWK	03-SEP-96	11-SEP-96	<	.62	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BENSLF	OEXK	06-SEP-96	23-SEP-96	<	.62	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BENZID	OETK	26-AUG-96	13-SEP-96	<	.85	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BENZID	OEWK	03-SEP-96	11-SEP-96	<	.85	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BENZID	OEXK	06-SEP-96	23-SEP-96	<	.85	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BENZOA	OETK	26-AUG-96	13-SEP-96	<	6.1	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BENZOA	OEWK	03-SEP-96	11-SEP-96	<	6.1	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BENZOA	OEXK	06-SEP-96	23-SEP-96	<	6.1	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BGHIPY	OETK	26-AUG-96	13-SEP-96	<	.25	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BGHIPY	OEWK	03-SEP-96	11-SEP-96	<	.25	UGG

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METHOD BLANKS (SOIL)
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Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BGHIPY	OEXK	06-SEP-96	23-SEP-96	<	.25	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BKFANT	OETK	26-AUG-96	13-SEP-96	<	.066	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BKFANT	OEWK	03-SEP-96	11-SEP-96	<	.066	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BKFANT	OEXK	06-SEP-96	23-SEP-96	<	.066	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BZALC	OETK	26-AUG-96	13-SEP-96	<	.19	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BZALC	OEWK	03-SEP-96	11-SEP-96	<	.19	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BZALC	OEXK	06-SEP-96	23-SEP-96	<	.19	UGG
ABB-ES	ORGANICS/SOIL/GCMS		C27	OETK	26-AUG-96	13-SEP-96		.3	UGG
ABB-ES	ORGANICS/SOIL/GCMS		C27	OEXK	06-SEP-96	23-SEP-96		.3	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CARBAZ	OETK	26-AUG-96	13-SEP-96	<	.14	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CARBAZ	OEWK	03-SEP-96	11-SEP-96	<	.14	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CARBAZ	OEXK	06-SEP-96	23-SEP-96	<	.14	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CHRY	OETK	26-AUG-96	13-SEP-96	<	.12	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CHRY	OEWK	03-SEP-96	11-SEP-96	<	.12	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CHRY	OEXK	06-SEP-96	23-SEP-96	<	.12	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CL6BZ	OETK	26-AUG-96	13-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CL6BZ	OEWK	03-SEP-96	11-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CL6BZ	OEXK	06-SEP-96	23-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CL6CP	OETK	26-AUG-96	13-SEP-96	<	6.2	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CL6CP	OEWK	03-SEP-96	11-SEP-96	<	6.2	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CL6CP	OEXK	06-SEP-96	23-SEP-96	<	6.2	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CL6ET	OETK	26-AUG-96	13-SEP-96	<	.15	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CL6ET	OEWK	03-SEP-96	11-SEP-96	<	.15	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CL6ET	OEXK	06-SEP-96	23-SEP-96	<	.15	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DBAHA	OETK	26-AUG-96	13-SEP-96	<	.21	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DBAHA	OEWK	03-SEP-96	11-SEP-96	<	.21	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DBAHA	OEXK	06-SEP-96	23-SEP-96	<	.21	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DBHC	OETK	26-AUG-96	13-SEP-96	<	.27	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DBHC	OEWK	03-SEP-96	11-SEP-96	<	.27	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DBHC	OEXK	06-SEP-96	23-SEP-96	<	.27	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DBZFUR	OETK	26-AUG-96	13-SEP-96	<	.035	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DBZFUR	OEWK	03-SEP-96	11-SEP-96	<	.035	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DBZFUR	OEXK	06-SEP-96	23-SEP-96	<	.035	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DEP	OETK	26-AUG-96	13-SEP-96	<	.24	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DEP	OEWK	03-SEP-96	11-SEP-96	<	.24	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DEP	OEXK	06-SEP-96	23-SEP-96	<	.24	UGG

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Table: D-2
METHOD BLANKS (SOIL)
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Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DLDRN	OETK	26-AUG-96	13-SEP-96	<	.31	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DLDRN	OEWK	03-SEP-96	11-SEP-96	<	.31	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DLDRN	OEXK	06-SEP-96	23-SEP-96	<	.31	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DMP	OETK	26-AUG-96	13-SEP-96	<	.17	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DMP	OEWK	03-SEP-96	11-SEP-96	<	.17	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DMP	OEXK	06-SEP-96	23-SEP-96	<	.17	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DNBP	OETK	26-AUG-96	13-SEP-96	<	.061	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DNBP	OEWK	03-SEP-96	11-SEP-96	<	.061	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DNBP	OEXK	06-SEP-96	23-SEP-96	<	.061	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DNOP	OETK	26-AUG-96	13-SEP-96	<	.19	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DNOP	OEWK	03-SEP-96	11-SEP-96	<	.19	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DNOP	OEXK	06-SEP-96	23-SEP-96	<	.19	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DOAD	OEXK	06-SEP-96	23-SEP-96		3	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DPA	OEXK	06-SEP-96	23-SEP-96	<	.13	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ENDRN	OETK	26-AUG-96	13-SEP-96	<	.45	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ENDRN	OEWK	03-SEP-96	11-SEP-96	<	.45	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ENDRN	OEXK	06-SEP-96	23-SEP-96	<	.45	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ENDRNA	OETK	26-AUG-96	13-SEP-96	<	.53	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ENDRNA	OEWK	03-SEP-96	11-SEP-96	<	.53	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ENDRNA	OEXK	06-SEP-96	23-SEP-96	<	.53	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ENDRNK	OETK	26-AUG-96	13-SEP-96	<	.53	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ENDRNK	OEWK	03-SEP-96	11-SEP-96	<	.53	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ENDRNK	OEXK	06-SEP-96	23-SEP-96	<	.53	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ESFSO4	OETK	26-AUG-96	13-SEP-96	<	.62	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ESFSO4	OEWK	03-SEP-96	11-SEP-96	<	.62	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ESFSO4	OEXK	06-SEP-96	23-SEP-96	<	.62	UGG
ABB-ES	ORGANICS/SOIL/GCMS		FANT	OETK	26-AUG-96	13-SEP-96	<	.068	UGG
ABB-ES	ORGANICS/SOIL/GCMS		FANT	OEWK	03-SEP-96	11-SEP-96	<	.068	UGG
ABB-ES	ORGANICS/SOIL/GCMS		FANT	OEXK	06-SEP-96	23-SEP-96	<	.068	UGG
ABB-ES	ORGANICS/SOIL/GCMS		FLRENE	OETK	26-AUG-96	13-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		FLRENE	OEWK	03-SEP-96	11-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		FLRENE	OEXK	06-SEP-96	23-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		GCLDAN	OETK	26-AUG-96	13-SEP-96	<	.33	UGG
ABB-ES	ORGANICS/SOIL/GCMS		GCLDAN	OEWK	03-SEP-96	11-SEP-96	<	.33	UGG
ABB-ES	ORGANICS/SOIL/GCMS		GCLDAN	OEXK	06-SEP-96	23-SEP-96	<	.33	UGG
ABB-ES	ORGANICS/SOIL/GCMS		HCBD	OETK	26-AUG-96	13-SEP-96	<	.23	UGG

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METHOD BLANKS (SOIL)
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Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/SOIL/GCMS	LM18	HCBD	OEWK	03-SEP-96	11-SEP-96	<	.23	UGG
ABB-ES	ORGANICS/SOIL/GCMS		HCBD	OEXK	06-SEP-96	23-SEP-96	<	.23	UGG
ABB-ES	ORGANICS/SOIL/GCMS		HPCL	OETK	26-AUG-96	13-SEP-96	<	.13	UGG
ABB-ES	ORGANICS/SOIL/GCMS		HPCL	OEWK	03-SEP-96	11-SEP-96	<	.13	UGG
ABB-ES	ORGANICS/SOIL/GCMS		HPCL	OEXK	06-SEP-96	23-SEP-96	<	.13	UGG
ABB-ES	ORGANICS/SOIL/GCMS		HPCLE	OETK	26-AUG-96	13-SEP-96	<	.33	UGG
ABB-ES	ORGANICS/SOIL/GCMS		HPCLE	OEWK	03-SEP-96	11-SEP-96	<	.33	UGG
ABB-ES	ORGANICS/SOIL/GCMS		HPCLE	OEXK	06-SEP-96	23-SEP-96	<	.33	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ICDPYR	OETK	26-AUG-96	13-SEP-96	<	.29	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ICDPYR	OEWK	03-SEP-96	11-SEP-96	<	.29	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ICDPYR	OEXK	06-SEP-96	23-SEP-96	<	.29	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ISOPHR	OETK	26-AUG-96	13-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ISOPHR	OEWK	03-SEP-96	11-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ISOPHR	OEXK	06-SEP-96	23-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		LIN	OETK	26-AUG-96	13-SEP-96	<	.27	UGG
ABB-ES	ORGANICS/SOIL/GCMS		LIN	OEWK	03-SEP-96	11-SEP-96	<	.27	UGG
ABB-ES	ORGANICS/SOIL/GCMS		LIN	OEXK	06-SEP-96	23-SEP-96	<	.27	UGG
ABB-ES	ORGANICS/SOIL/GCMS		MEXCLR	OETK	26-AUG-96	13-SEP-96	<	.33	UGG
ABB-ES	ORGANICS/SOIL/GCMS		MEXCLR	OEWK	03-SEP-96	11-SEP-96	<	.33	UGG
ABB-ES	ORGANICS/SOIL/GCMS		MEXCLR	OEXK	06-SEP-96	23-SEP-96	<	.33	UGG
ABB-ES	ORGANICS/SOIL/GCMS		MIREX	OEXK	06-SEP-96	23-SEP-96	<	.25	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NAP	OETK	26-AUG-96	13-SEP-96	<	.037	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NAP	OEWK	03-SEP-96	11-SEP-96	<	.037	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NAP	OEXK	06-SEP-96	23-SEP-96	<	.037	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NB	OETK	26-AUG-96	13-SEP-96	<	.045	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NB	OEWK	03-SEP-96	11-SEP-96	<	.045	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NB	OEXK	06-SEP-96	23-SEP-96	<	.045	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NNDMEA	OETK	26-AUG-96	13-SEP-96	<	.14	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NNDMEA	OEWK	03-SEP-96	11-SEP-96	<	.14	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NNDMEA	OEXK	06-SEP-96	23-SEP-96	<	.14	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NNDNPA	OETK	26-AUG-96	13-SEP-96	<	.2	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NNDNPA	OEWK	03-SEP-96	11-SEP-96	<	.2	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NNDNPA	OEXK	06-SEP-96	23-SEP-96	<	.2	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NNDPA	OETK	26-AUG-96	13-SEP-96	<	.19	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NNDPA	OEWK	03-SEP-96	11-SEP-96	<	.19	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NNDPA	OEXK	06-SEP-96	23-SEP-96	<	.19	UGG

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Table: D-2
METHOD BLANKS (SOIL)
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Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PCB016	OETK	26-AUG-96	13-SEP-96	<	1.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB016	OEWK	03-SEP-96	11-SEP-96	<	1.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB016	OEXK	06-SEP-96	23-SEP-96	<	1.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB221	OETK	26-AUG-96	13-SEP-96	<	1.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB221	OEWK	03-SEP-96	11-SEP-96	<	1.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB221	OEXK	06-SEP-96	23-SEP-96	<	1.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB232	OETK	26-AUG-96	13-SEP-96	<	1.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB232	OEWK	03-SEP-96	11-SEP-96	<	1.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB232	OEXK	06-SEP-96	23-SEP-96	<	1.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB242	OETK	26-AUG-96	13-SEP-96	<	1.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB242	OEWK	03-SEP-96	11-SEP-96	<	1.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB242	OEXK	06-SEP-96	23-SEP-96	<	1.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB248	OETK	26-AUG-96	13-SEP-96	<	2	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB248	OEWK	03-SEP-96	11-SEP-96	<	2	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB248	OEXK	06-SEP-96	23-SEP-96	<	2	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB254	OETK	26-AUG-96	13-SEP-96	<	2.3	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB254	OEWK	03-SEP-96	11-SEP-96	<	2.3	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB254	OEXK	06-SEP-96	23-SEP-96	<	2.3	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB260	OETK	26-AUG-96	13-SEP-96	<	2.6	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB260	OEWK	03-SEP-96	11-SEP-96	<	2.6	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB260	OEXK	06-SEP-96	23-SEP-96	<	2.6	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCP	OETK	26-AUG-96	13-SEP-96	<	1.3	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCP	OEWK	03-SEP-96	11-SEP-96	<	1.3	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCP	OEXK	06-SEP-96	23-SEP-96	<	1.3	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PHANTR	OETK	26-AUG-96	13-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PHANTR	OEWK	03-SEP-96	11-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PHANTR	OEXK	06-SEP-96	23-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PHENOL	OETK	26-AUG-96	13-SEP-96	<	.11	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PHENOL	OEWK	03-SEP-96	11-SEP-96	<	.11	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PHENOL	OEXK	06-SEP-96	23-SEP-96	<	.11	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PPDDD	OETK	26-AUG-96	13-SEP-96	<	.27	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PPDDD	OEWK	03-SEP-96	11-SEP-96	<	.27	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PPDDD	OEXK	06-SEP-96	23-SEP-96	<	.27	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PPDDE	OETK	26-AUG-96	13-SEP-96	<	.31	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PPDDE	OEWK	03-SEP-96	11-SEP-96	<	.31	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PPDDE	OEXK	06-SEP-96	23-SEP-96	<	.31	UGG

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METHOD BLANKS (SOIL)
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Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PPDDT	OETK	26-AUG-96	13-SEP-96	<	.31	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PPDDT	OEWK	03-SEP-96	11-SEP-96	<	.31	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PPDDT	OEXK	06-SEP-96	23-SEP-96	<	.31	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PYR	OETK	26-AUG-96	13-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PYR	OEWK	03-SEP-96	11-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PYR	OEXK	06-SEP-96	23-SEP-96	<	.033	UGG
ABB-ES	ORGANICS/SOIL/GCMS		TXPHEN	OETK	26-AUG-96	13-SEP-96	<	2.6	UGG
ABB-ES	ORGANICS/SOIL/GCMS		TXPHEN	OEWK	03-SEP-96	11-SEP-96	<	2.6	UGG
ABB-ES	ORGANICS/SOIL/GCMS		TXPHEN	OEXK	06-SEP-96	23-SEP-96	<	2.6	UGG
ABB-ES	ORGANICS/SOIL/GCMS		UNK658	OETK	26-AUG-96	13-SEP-96		.4	UGG
ABB-ES	ORGANICS/SOIL/GCMS		UNK658	OEXK	06-SEP-96	23-SEP-96		.4	UGG
ABB-ES	VOLATILES/SOIL/GCMS	LM19	111TCE	YGMK	29-AUG-96	29-AUG-96	<	.0044	UGG
ABB-ES	VOLATILES/SOIL/GCMS		111TCE	YGNK	30-AUG-96	30-AUG-96	<	.0044	UGG
ABB-ES	VOLATILES/SOIL/GCMS		111TCE	YGRK	11-SEP-96	11-SEP-96	<	.0044	UGG
ABB-ES	VOLATILES/SOIL/GCMS		112TCE	YGMK	29-AUG-96	29-AUG-96	<	.0054	UGG
ABB-ES	VOLATILES/SOIL/GCMS		112TCE	YGNK	30-AUG-96	30-AUG-96	<	.0054	UGG
ABB-ES	VOLATILES/SOIL/GCMS		112TCE	YGRK	11-SEP-96	11-SEP-96	<	.0054	UGG
ABB-ES	VOLATILES/SOIL/GCMS		11DCE	YGMK	29-AUG-96	29-AUG-96	<	.0039	UGG
ABB-ES	VOLATILES/SOIL/GCMS		11DCE	YGNK	30-AUG-96	30-AUG-96	<	.0039	UGG
ABB-ES	VOLATILES/SOIL/GCMS		11DCE	YGRK	11-SEP-96	11-SEP-96	<	.0039	UGG
ABB-ES	VOLATILES/SOIL/GCMS		11DCLE	YGMK	29-AUG-96	29-AUG-96	<	.0023	UGG
ABB-ES	VOLATILES/SOIL/GCMS		11DCLE	YGNK	30-AUG-96	30-AUG-96	<	.0023	UGG
ABB-ES	VOLATILES/SOIL/GCMS		11DCLE	YGRK	11-SEP-96	11-SEP-96	<	.0023	UGG
ABB-ES	VOLATILES/SOIL/GCMS		12DCE	YGMK	29-AUG-96	29-AUG-96	<	.003	UGG
ABB-ES	VOLATILES/SOIL/GCMS		12DCE	YGNK	30-AUG-96	30-AUG-96	<	.003	UGG
ABB-ES	VOLATILES/SOIL/GCMS		12DCE	YGRK	11-SEP-96	11-SEP-96	<	.003	UGG
ABB-ES	VOLATILES/SOIL/GCMS		12DCLE	YGMK	29-AUG-96	29-AUG-96	<	.0017	UGG
ABB-ES	VOLATILES/SOIL/GCMS		12DCLE	YGNK	30-AUG-96	30-AUG-96	<	.0017	UGG
ABB-ES	VOLATILES/SOIL/GCMS		12DCLE	YGRK	11-SEP-96	11-SEP-96	<	.0017	UGG
ABB-ES	VOLATILES/SOIL/GCMS		12DCLP	YGMK	29-AUG-96	29-AUG-96	<	.0029	UGG
ABB-ES	VOLATILES/SOIL/GCMS		12DCLP	YGNK	30-AUG-96	30-AUG-96	<	.0029	UGG
ABB-ES	VOLATILES/SOIL/GCMS		12DCLP	YGRK	11-SEP-96	11-SEP-96	<	.0029	UGG
ABB-ES	VOLATILES/SOIL/GCMS		2CLEVE	YGMK	29-AUG-96	29-AUG-96	<	.01	UGG
ABB-ES	VOLATILES/SOIL/GCMS		2CLEVE	YGNK	30-AUG-96	30-AUG-96	<	.01	UGG
ABB-ES	VOLATILES/SOIL/GCMS		2CLEVE	YGRK	11-SEP-96	11-SEP-96	<	.01	UGG

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Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	VOLATILES/SOIL/GCMS	LM19	2PROL	YGMK	29-AUG-96	29-AUG-96	<	.79	UGG
ABB-ES	VOLATILES/SOIL/GCMS		2PROL	YGRK	11-SEP-96	11-SEP-96	<	.79	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ACET	YGMK	29-AUG-96	29-AUG-96	<	.017	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ACET	YGNK	30-AUG-96	30-AUG-96	<	.017	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ACET	YGRK	11-SEP-96	11-SEP-96		.017	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ACROLN	YGMK	29-AUG-96	29-AUG-96	<	.1	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ACROLN	YGNK	30-AUG-96	30-AUG-96	<	.1	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ACROLN	YGRK	11-SEP-96	11-SEP-96	<	.1	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ACRYLO	YGMK	29-AUG-96	29-AUG-96	<	.1	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ACRYLO	YGNK	30-AUG-96	30-AUG-96	<	.1	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ACRYLO	YGRK	11-SEP-96	11-SEP-96	<	.1	UGG
ABB-ES	VOLATILES/SOIL/GCMS		BRDCLM	YGMK	29-AUG-96	29-AUG-96	<	.0029	UGG
ABB-ES	VOLATILES/SOIL/GCMS		BRDCLM	YGNK	30-AUG-96	30-AUG-96	<	.0029	UGG
ABB-ES	VOLATILES/SOIL/GCMS		BRDCLM	YGRK	11-SEP-96	11-SEP-96	<	.0029	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C13DCP	YGMK	29-AUG-96	29-AUG-96	<	.0032	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C13DCP	YGNK	30-AUG-96	30-AUG-96	<	.0032	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C13DCP	YGRK	11-SEP-96	11-SEP-96	<	.0032	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C2AVE	YGMK	29-AUG-96	29-AUG-96	<	.032	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C2AVE	YGNK	30-AUG-96	30-AUG-96	<	.032	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C2AVE	YGRK	11-SEP-96	11-SEP-96	<	.032	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C2H3CL	YGMK	29-AUG-96	29-AUG-96	<	.0062	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C2H3CL	YGNK	30-AUG-96	30-AUG-96	<	.0062	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C2H3CL	YGRK	11-SEP-96	11-SEP-96	<	.0062	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C2H5CL	YGMK	29-AUG-96	29-AUG-96	<	.012	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C2H5CL	YGNK	30-AUG-96	30-AUG-96	<	.012	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C2H5CL	YGRK	11-SEP-96	11-SEP-96	<	.012	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C6H6	YGMK	29-AUG-96	29-AUG-96	<	.0015	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C6H6	YGNK	30-AUG-96	30-AUG-96	<	.0015	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C6H6	YGRK	11-SEP-96	11-SEP-96	<	.0015	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CCL2F2	YGMK	29-AUG-96	29-AUG-96	<	.014	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CCL2F2	YGRK	11-SEP-96	11-SEP-96	<	.014	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CCL3F	YGMK	29-AUG-96	29-AUG-96	<	.0059	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CCL3F	YGNK	30-AUG-96	30-AUG-96	<	.0059	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CCL3F	YGRK	11-SEP-96	11-SEP-96		.011	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CCL4	YGMK	29-AUG-96	29-AUG-96	<	.007	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CCL4	YGNK	30-AUG-96	30-AUG-96	<	.007	UGG

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METHOD BLANKS (SOIL)
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Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CCL4	YGRK	11-SEP-96	11-SEP-96	<	.007	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CH2CL2	YGMK	29-AUG-96	29-AUG-96	<	.012	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CH2CL2	YGNK	30-AUG-96	30-AUG-96	<	.012	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CH2CL2	YGRK	11-SEP-96	11-SEP-96	<	.012	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CH3BR	YGMK	29-AUG-96	29-AUG-96	<	.0057	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CH3BR	YGNK	30-AUG-96	30-AUG-96	<	.0057	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CH3BR	YGRK	11-SEP-96	11-SEP-96	<	.0057	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CH3CL	YGMK	29-AUG-96	29-AUG-96	<	.0088	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CH3CL	YGNK	30-AUG-96	30-AUG-96	<	.0088	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CH3CL	YGRK	11-SEP-96	11-SEP-96	<	.0088	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CH3CN	YGMK	29-AUG-96	29-AUG-96	<	.23	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CH3CN	YGRK	11-SEP-96	11-SEP-96	<	.23	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CHBR3	YGMK	29-AUG-96	29-AUG-96	<	.0069	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CHBR3	YGNK	30-AUG-96	30-AUG-96	<	.0069	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CHBR3	YGRK	11-SEP-96	11-SEP-96	<	.0069	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CHCL3	YGMK	29-AUG-96	29-AUG-96	<	.00087	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CHCL3	YGNK	30-AUG-96	30-AUG-96	<	.00087	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CHCL3	YGRK	11-SEP-96	11-SEP-96	<	.00087	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CL2BZ	YGMK	29-AUG-96	29-AUG-96	<	.1	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CL2BZ	YGNK	30-AUG-96	30-AUG-96	<	.1	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CL2BZ	YGRK	11-SEP-96	11-SEP-96	<	.1	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CLC6H5	YGMK	29-AUG-96	29-AUG-96	<	.00086	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CLC6H5	YGNK	30-AUG-96	30-AUG-96	<	.00086	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CLC6H5	YGRK	11-SEP-96	11-SEP-96	<	.00086	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CS2	YGMK	29-AUG-96	29-AUG-96	<	.0044	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CS2	YGNK	30-AUG-96	30-AUG-96	<	.0044	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CS2	YGRK	11-SEP-96	11-SEP-96	<	.0044	UGG
ABB-ES	VOLATILES/SOIL/GCMS		DBRCLM	YGMK	29-AUG-96	29-AUG-96	<	.0031	UGG
ABB-ES	VOLATILES/SOIL/GCMS		DBRCLM	YGNK	30-AUG-96	30-AUG-96	<	.0031	UGG
ABB-ES	VOLATILES/SOIL/GCMS		DBRCLM	YGRK	11-SEP-96	11-SEP-96	<	.0031	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ETC6H5	YGMK	29-AUG-96	29-AUG-96	<	.0017	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ETC6H5	YGNK	30-AUG-96	30-AUG-96	<	.0017	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ETC6H5	YGRK	11-SEP-96	11-SEP-96	<	.0017	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ETOH	YGMK	29-AUG-96	29-AUG-96	<	3.7	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ETOH	YGRK	11-SEP-96	11-SEP-96	<	3.7	UGG
ABB-ES	VOLATILES/SOIL/GCMS		MEC6H5	YGMK	29-AUG-96	29-AUG-96		.0038	UGG

Appendix D-3
Table: D-2
METHOD BLANKS (SOIL)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6H5	YGNK	30-AUG-96	30-AUG-96		.0039	UGG
ABB-ES	VOLATILES/SOIL/GCMS		MEC6H5	YGRK	11-SEP-96	11-SEP-96		.0015	UGG
ABB-ES	VOLATILES/SOIL/GCMS		MEK	YGMK	29-AUG-96	29-AUG-96	<	.07	UGG
ABB-ES	VOLATILES/SOIL/GCMS		MEK	YGNK	30-AUG-96	30-AUG-96	<	.07	UGG
ABB-ES	VOLATILES/SOIL/GCMS		MEK	YGRK	11-SEP-96	11-SEP-96	<	.07	UGG
ABB-ES	VOLATILES/SOIL/GCMS		MIBK	YGMK	29-AUG-96	29-AUG-96	<	.027	UGG
ABB-ES	VOLATILES/SOIL/GCMS		MIBK	YGNK	30-AUG-96	30-AUG-96	<	.027	UGG
ABB-ES	VOLATILES/SOIL/GCMS		MIBK	YGRK	11-SEP-96	11-SEP-96	<	.027	UGG
ABB-ES	VOLATILES/SOIL/GCMS		MNBK	YGMK	29-AUG-96	29-AUG-96	<	.032	UGG
ABB-ES	VOLATILES/SOIL/GCMS		MNBK	YGNK	30-AUG-96	30-AUG-96	<	.032	UGG
ABB-ES	VOLATILES/SOIL/GCMS		MNBK	YGRK	11-SEP-96	11-SEP-96	<	.032	UGG
ABB-ES	VOLATILES/SOIL/GCMS		STYR	YGMK	29-AUG-96	29-AUG-96	<	.0026	UGG
ABB-ES	VOLATILES/SOIL/GCMS		STYR	YGNK	30-AUG-96	30-AUG-96	<	.0026	UGG
ABB-ES	VOLATILES/SOIL/GCMS		STYR	YGRK	11-SEP-96	11-SEP-96	<	.0026	UGG
ABB-ES	VOLATILES/SOIL/GCMS		T13DCP	YGMK	29-AUG-96	29-AUG-96	<	.0028	UGG
ABB-ES	VOLATILES/SOIL/GCMS		T13DCP	YGNK	30-AUG-96	30-AUG-96	<	.0028	UGG
ABB-ES	VOLATILES/SOIL/GCMS		T13DCP	YGRK	11-SEP-96	11-SEP-96	<	.0028	UGG
ABB-ES	VOLATILES/SOIL/GCMS		TCLEA	YGMK	29-AUG-96	29-AUG-96	<	.0024	UGG
ABB-ES	VOLATILES/SOIL/GCMS		TCLEA	YGNK	30-AUG-96	30-AUG-96	<	.0024	UGG
ABB-ES	VOLATILES/SOIL/GCMS		TCLEA	YGRK	11-SEP-96	11-SEP-96	<	.0024	UGG
ABB-ES	VOLATILES/SOIL/GCMS		TCLEE	YGMK	29-AUG-96	29-AUG-96	<	.00081	UGG
ABB-ES	VOLATILES/SOIL/GCMS		TCLEE	YGNK	30-AUG-96	30-AUG-96	<	.00081	UGG
ABB-ES	VOLATILES/SOIL/GCMS		TCLEE	YGRK	11-SEP-96	11-SEP-96	<	.00081	UGG
ABB-ES	VOLATILES/SOIL/GCMS		TCLTFE	YGMK	29-AUG-96	29-AUG-96	<	.0082	UGG
ABB-ES	VOLATILES/SOIL/GCMS		TCLTFE	YGRK	11-SEP-96	11-SEP-96	<	.0082	UGG
ABB-ES	VOLATILES/SOIL/GCMS		TRCLE	YGMK	29-AUG-96	29-AUG-96	<	.0028	UGG
ABB-ES	VOLATILES/SOIL/GCMS		TRCLE	YGNK	30-AUG-96	30-AUG-96	<	.0028	UGG
ABB-ES	VOLATILES/SOIL/GCMS		TRCLE	YGRK	11-SEP-96	11-SEP-96	<	.0028	UGG
ABB-ES	VOLATILES/SOIL/GCMS		XYLEN	YGMK	29-AUG-96	29-AUG-96	<	.0015	UGG
ABB-ES	VOLATILES/SOIL/GCMS		XYLEN	YGNK	30-AUG-96	30-AUG-96	<	.0015	UGG
ABB-ES	VOLATILES/SOIL/GCMS		XYLEN	YGRK	11-SEP-96	11-SEP-96	<	.0015	UGG
ABB-ES		1302	HARD	ZKGN	14-OCT-96	14-OCT-96	<	1000000	UGL
ABB-ES		1601	TDS	ZKAN	14-OCT-96	14-OCT-96	<	10000	UGL
ABB-ES			TDS	ZKLN	07-OCT-96	07-OCT-96	<	10000	UGL

Appendix D-3
Table: D-2
METHOD BLANKS (WATER)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES		1601	TDS	ZKLN	07-OCT-96	07-OCT-96	<	10000	UGL
ABB-ES		1602	TSS	ZKCN	14-OCT-96	14-OCT-96	<	4000	UGL
ABB-ES			TSS	ZKJM	07-OCT-96	07-OCT-96	<	4000	UGL
ABB-ES		4151	TOC	ZKLP	13-NOV-96	13-NOV-96	<	1000	UGL
ABB-ES		4181	TPHC	ZKEO	21-OCT-96	22-OCT-96	<	167000	UGL
ABB-ES			TPHC	ZKEO	21-OCT-96	22-OCT-96	<	167000	UGL
ABB-ES	METALS/WATER/CVAA	SB01	HG	QJRF	22-OCT-96	22-OCT-96	<	.243	UGL
ABB-ES	METALS/WATER/GFAA	SD09	TL	UCGG	25-OCT-96	29-OCT-96	<	6.99	UGL
ABB-ES	METALS/WATER/GFAA	SD20	PB	WCVH	25-OCT-96	29-OCT-96	<	1.26	UGL
ABB-ES	METALS/WATER/GFAA	SD21	SE	XCLH	25-OCT-96	01-NOV-96	<	3.02	UGL
ABB-ES	METALS/WATER/GFAA	SD22	AS	YCQH	25-OCT-96	01-NOV-96	<	2.54	UGL
ABB-ES	METALS/WATER/GFAA	SD28	SB	NFKF	25-OCT-96	30-OCT-96	<	3.03	UGL
ABB-ES	METALS/WATER/ICP	SS18	AG	OGDE	23-OCT-96	23-OCT-96	<	4.42	UGL
ABB-ES	METALS/WATER/ICP		AL	OGDE	23-OCT-96	23-OCT-96	<	23.5	UGL
ABB-ES	METALS/WATER/ICP		BA	OGDE	23-OCT-96	23-OCT-96	<	2.5	UGL
ABB-ES	METALS/WATER/ICP		BE	OGDE	23-OCT-96	23-OCT-96	<	5	UGL
ABB-ES	METALS/WATER/ICP		CA	OGDE	23-OCT-96	23-OCT-96	<	1000	UGL
ABB-ES	METALS/WATER/ICP		CD	OGDE	23-OCT-96	23-OCT-96	<	3.01	UGL
ABB-ES	METALS/WATER/ICP		CO	OGDE	23-OCT-96	23-OCT-96	<	50	UGL
ABB-ES	METALS/WATER/ICP		CR	OGDE	23-OCT-96	23-OCT-96	<	6.96	UGL
ABB-ES	METALS/WATER/ICP		CU	OGDE	23-OCT-96	23-OCT-96	<	5	UGL
ABB-ES	METALS/WATER/ICP		FE	OGDE	23-OCT-96	23-OCT-96	<	36.8	UGL
ABB-ES	METALS/WATER/ICP		K	OGDE	23-OCT-96	23-OCT-96	<	1000	UGL
ABB-ES	METALS/WATER/ICP		MG	OGDE	23-OCT-96	23-OCT-96	<	1000	UGL
ABB-ES	METALS/WATER/ICP		MN	OGDE	23-OCT-96	23-OCT-96	<	2.5	UGL
ABB-ES	METALS/WATER/ICP		NA	OGDE	23-OCT-96	23-OCT-96	<	2290	UGL

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Table: D-2
METHOD BLANKS (WATER)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	METALS/WATER/ICP	SS18	NI	OGDE	23-OCT-96	23-OCT-96	<	7.11	UGL
ABB-ES	METALS/WATER/ICP		V	OGDE	23-OCT-96	23-OCT-96	<	4.69	UGL
ABB-ES	METALS/WATER/ICP		ZN	OGDE	23-OCT-96	23-OCT-96	<	35.8	UGL
ABB-ES	NIT/WATER/TECHNICON	TF22	NIT	ZGQE	22-OCT-96	22-OCT-96	<	10	UGL
ABB-ES	TOTAL NITROGEN/WATER/TECH	TF26	N2KJEL	SHOB	28-OCT-96	28-OCT-96	<	183	UGL
ABB-ES	PHOSHATES/WATER/TECHNICON	TF27	PO4	WHAC	21-OCT-96	22-OCT-96	<	13.3	UGL
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB016	SDQF	04-OCT-96	13-OCT-96	<	.16	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB221	SDQF	04-OCT-96	13-OCT-96	<	.16	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB232	SDQF	04-OCT-96	13-OCT-96	<	.16	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB242	SDQF	04-OCT-96	13-OCT-96	<	.19	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB248	SDQF	04-OCT-96	13-OCT-96	<	.19	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB254	SDQF	04-OCT-96	13-OCT-96	<	.19	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB260	SDQF	04-OCT-96	13-OCT-96	<	.19	UGL
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ABHC	TDBG	04-OCT-96	30-OCT-96	<	.0385	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ABHC	TDEG	15-OCT-96	31-OCT-96	<	.0385	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ACLDAN	TDBG	04-OCT-96	30-OCT-96	<	.075	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ACLDAN	TDEG	15-OCT-96	31-OCT-96	<	.075	UGL
ABB-ES	PESTICIDES/WATER/GCEC		AENSLF	TDBG	04-OCT-96	30-OCT-96	<	.023	UGL
ABB-ES	PESTICIDES/WATER/GCEC		AENSLF	TDEG	15-OCT-96	31-OCT-96	<	.023	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ALDRN	TDBG	04-OCT-96	30-OCT-96	<	.0918	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ALDRN	TDEG	15-OCT-96	31-OCT-96	<	.0918	UGL
ABB-ES	PESTICIDES/WATER/GCEC		BBHC	TDBG	04-OCT-96	30-OCT-96	<	.024	UGL
ABB-ES	PESTICIDES/WATER/GCEC		BBHC	TDEG	15-OCT-96	31-OCT-96	<	.024	UGL
ABB-ES	PESTICIDES/WATER/GCEC		BENSLF	TDBG	04-OCT-96	30-OCT-96	<	.023	UGL
ABB-ES	PESTICIDES/WATER/GCEC		BENSLF	TDEG	15-OCT-96	31-OCT-96	<	.023	UGL
ABB-ES	PESTICIDES/WATER/GCEC		DBHC	TDBG	04-OCT-96	30-OCT-96	<	.0293	UGL
ABB-ES	PESTICIDES/WATER/GCEC		DBHC	TDEG	15-OCT-96	31-OCT-96	<	.0293	UGL
ABB-ES	PESTICIDES/WATER/GCEC		DIAZ	TDBG	04-OCT-96	30-OCT-96	<	.188	UGL
ABB-ES	PESTICIDES/WATER/GCEC		DIAZ	TDEG	15-OCT-96	31-OCT-96	<	.188	UGL
ABB-ES	PESTICIDES/WATER/GCEC		DLDRN	TDBG	04-OCT-96	30-OCT-96	<	.024	UGL
ABB-ES	PESTICIDES/WATER/GCEC		DLDRN	TDEG	15-OCT-96	31-OCT-96	<	.024	UGL

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Table: D-2
METHOD BLANKS (WATER)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRN	TDBG	04-OCT-96	30-OCT-96	<	.0238	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ENDRN	TDEG	15-OCT-96	31-OCT-96	<	.0238	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ENDRNA	TDBG	04-OCT-96	30-OCT-96	<	.0285	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ENDRNA	TDEG	15-OCT-96	31-OCT-96	<	.0285	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ENDRNK	TDBG	04-OCT-96	30-OCT-96	<	.0285	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ENDRNK	TDEG	15-OCT-96	31-OCT-96	<	.0285	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ESFSO4	TDBG	04-OCT-96	30-OCT-96	<	.0786	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ESFSO4	TDEG	15-OCT-96	31-OCT-96	<	.0786	UGL
ABB-ES	PESTICIDES/WATER/GCEC		GCLDAN	TDBG	04-OCT-96	30-OCT-96	<	.075	UGL
ABB-ES	PESTICIDES/WATER/GCEC		GCLDAN	TDEG	15-OCT-96	31-OCT-96	<	.075	UGL
ABB-ES	PESTICIDES/WATER/GCEC		HPCL	TDBG	04-OCT-96	30-OCT-96	<	.0423	UGL
ABB-ES	PESTICIDES/WATER/GCEC		HPCL	TDEG	15-OCT-96	31-OCT-96	<	.0423	UGL
ABB-ES	PESTICIDES/WATER/GCEC		HPCLE	TDBG	04-OCT-96	30-OCT-96	<	.0245	UGL
ABB-ES	PESTICIDES/WATER/GCEC		HPCLE	TDEG	15-OCT-96	31-OCT-96	<	.0245	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ISODR	TDBG	04-OCT-96	30-OCT-96	<	.0562	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ISODR	TDEG	15-OCT-96	31-OCT-96	<	.0562	UGL
ABB-ES	PESTICIDES/WATER/GCEC		LIN	TDBG	04-OCT-96	30-OCT-96	<	.0507	UGL
ABB-ES	PESTICIDES/WATER/GCEC		LIN	TDEG	15-OCT-96	31-OCT-96	<	.0507	UGL
ABB-ES	PESTICIDES/WATER/GCEC		MEXCLR	TDBG	04-OCT-96	30-OCT-96	<	.057	UGL
ABB-ES	PESTICIDES/WATER/GCEC		MEXCLR	TDEG	15-OCT-96	31-OCT-96	<	.057	UGL
ABB-ES	PESTICIDES/WATER/GCEC		MLTHN	TDBG	04-OCT-96	30-OCT-96		.188	UGL
ABB-ES	PESTICIDES/WATER/GCEC		MLTHN	TDEG	15-OCT-96	31-OCT-96		.188	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PPDDD	TDBG	04-OCT-96	30-OCT-96	<	.0233	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PPDDD	TDEG	15-OCT-96	31-OCT-96	<	.0233	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PPDDE	TDBG	04-OCT-96	30-OCT-96	<	.027	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PPDDE	TDEG	15-OCT-96	31-OCT-96	<	.027	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PPDDT	TDBG	04-OCT-96	30-OCT-96	<	.034	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PPDDT	TDEG	15-OCT-96	31-OCT-96	<	.034	UGL
ABB-ES	PESTICIDES/WATER/GCEC		TXPHEN	TDBG	04-OCT-96	30-OCT-96	<	1.35	UGL
ABB-ES	PESTICIDES/WATER/GCEC		TXPHEN	TDEG	15-OCT-96	31-OCT-96	<	1.35	UGL
ABB-ES	ORGANICS/WATER/GCMS	UM18	124TCB	WDIM	04-OCT-96	08-OCT-96	<	1.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		124TCB	WDOM	15-OCT-96	16-OCT-96	<	1.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		12DCLB	WDIM	04-OCT-96	08-OCT-96	<	1.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		12DCLB	WDOM	15-OCT-96	16-OCT-96	<	1.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		12DPH	WDIM	04-OCT-96	08-OCT-96	<	2	UGL

Appendix D-3
Table: D-2
METHOD BLANKS (WATER)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	12DPH	WDOM	15-OCT-96	16-OCT-96	<	2	UGL
ABB-ES	ORGANICS/WATER/GCMS		13DCLB	WDIM	04-OCT-96	08-OCT-96	<	1.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		13DCLB	WDOM	15-OCT-96	16-OCT-96	<	1.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		14DCLB	WDIM	04-OCT-96	08-OCT-96	<	1.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		14DCLB	WDOM	15-OCT-96	16-OCT-96	<	1.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		245TCP	WDIM	04-OCT-96	08-OCT-96	<	5.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		245TCP	WDOM	15-OCT-96	16-OCT-96	<	5.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		246TCP	WDIM	04-OCT-96	08-OCT-96	<	4.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		246TCP	WDOM	15-OCT-96	16-OCT-96	<	4.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		24DCLP	WDIM	04-OCT-96	08-OCT-96	<	2.9	UGL
ABB-ES	ORGANICS/WATER/GCMS		24DCLP	WDOM	15-OCT-96	16-OCT-96	<	2.9	UGL
ABB-ES	ORGANICS/WATER/GCMS		24DMPN	WDIM	04-OCT-96	08-OCT-96	<	5.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		24DMPN	WDOM	15-OCT-96	16-OCT-96	<	5.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		24DNP	WDIM	04-OCT-96	08-OCT-96	<	21	UGL
ABB-ES	ORGANICS/WATER/GCMS		24DNP	WDOM	15-OCT-96	16-OCT-96	<	21	UGL
ABB-ES	ORGANICS/WATER/GCMS		24DNT	WDIM	04-OCT-96	08-OCT-96	<	4.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		24DNT	WDOM	15-OCT-96	16-OCT-96	<	4.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		26DNT	WDIM	04-OCT-96	08-OCT-96	<	.79	UGL
ABB-ES	ORGANICS/WATER/GCMS		26DNT	WDOM	15-OCT-96	16-OCT-96	<	.79	UGL
ABB-ES	ORGANICS/WATER/GCMS		2CLP	WDIM	04-OCT-96	08-OCT-96	<	.99	UGL
ABB-ES	ORGANICS/WATER/GCMS		2CLP	WDOM	15-OCT-96	16-OCT-96	<	.99	UGL
ABB-ES	ORGANICS/WATER/GCMS		2CNAP	WDIM	04-OCT-96	08-OCT-96	<	.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		2CNAP	WDOM	15-OCT-96	16-OCT-96	<	.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		2MNAP	WDIM	04-OCT-96	08-OCT-96	<	1.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		2MNAP	WDOM	15-OCT-96	16-OCT-96	<	1.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		2MP	WDIM	04-OCT-96	08-OCT-96	<	3.9	UGL
ABB-ES	ORGANICS/WATER/GCMS		2MP	WDOM	15-OCT-96	16-OCT-96	<	3.9	UGL
ABB-ES	ORGANICS/WATER/GCMS		2NANIL	WDIM	04-OCT-96	08-OCT-96	<	4.3	UGL
ABB-ES	ORGANICS/WATER/GCMS		2NANIL	WDOM	15-OCT-96	16-OCT-96	<	4.3	UGL
ABB-ES	ORGANICS/WATER/GCMS		2NP	WDIM	04-OCT-96	08-OCT-96	<	3.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		2NP	WDOM	15-OCT-96	16-OCT-96	<	3.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		33DCBD	WDIM	04-OCT-96	08-OCT-96	<	12	UGL
ABB-ES	ORGANICS/WATER/GCMS		33DCBD	WDOM	15-OCT-96	16-OCT-96	<	12	UGL
ABB-ES	ORGANICS/WATER/GCMS		3NANIL	WDIM	04-OCT-96	08-OCT-96	<	4.9	UGL
ABB-ES	ORGANICS/WATER/GCMS		3NANIL	WDOM	15-OCT-96	16-OCT-96	<	4.9	UGL
ABB-ES	ORGANICS/WATER/GCMS		46DN2C	WDIM	04-OCT-96	08-OCT-96	<	17	UGL

Appendix D-3
Table: D-2
METHOD BLANKS (WATER)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	46DN2C	WDOM	15-OCT-96	16-OCT-96	<	17	UGL
ABB-ES	ORGANICS/WATER/GCMS		4BRPPE	WDIM	04-OCT-96	08-OCT-96	<	4.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		4BRPPE	WDOM	15-OCT-96	16-OCT-96	<	4.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		4CANIL	WDIM	04-OCT-96	08-OCT-96	<	7.3	UGL
ABB-ES	ORGANICS/WATER/GCMS		4CANIL	WDOM	15-OCT-96	16-OCT-96	<	7.3	UGL
ABB-ES	ORGANICS/WATER/GCMS		4CL3C	WDIM	04-OCT-96	08-OCT-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		4CL3C	WDOM	15-OCT-96	16-OCT-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		4CLPPE	WDIM	04-OCT-96	08-OCT-96	<	5.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		4CLPPE	WDOM	15-OCT-96	16-OCT-96	<	5.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		4MP	WDIM	04-OCT-96	08-OCT-96	<	.52	UGL
ABB-ES	ORGANICS/WATER/GCMS		4MP	WDOM	15-OCT-96	16-OCT-96	<	.52	UGL
ABB-ES	ORGANICS/WATER/GCMS		4NANIL	WDIM	04-OCT-96	08-OCT-96	<	5.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		4NANIL	WDOM	15-OCT-96	16-OCT-96	<	5.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		4NP	WDIM	04-OCT-96	08-OCT-96	<	12	UGL
ABB-ES	ORGANICS/WATER/GCMS		4NP	WDOM	15-OCT-96	16-OCT-96	<	12	UGL
ABB-ES	ORGANICS/WATER/GCMS		ABHC	WDIM	04-OCT-96	08-OCT-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		ABHC	WDOM	15-OCT-96	16-OCT-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		ACLDAN	WDIM	04-OCT-96	08-OCT-96	<	5.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		ACLDAN	WDOM	15-OCT-96	16-OCT-96	<	5.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		AENSLF	WDIM	04-OCT-96	08-OCT-96	<	9.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		AENSLF	WDOM	15-OCT-96	16-OCT-96	<	9.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		ALDRN	WDIM	04-OCT-96	08-OCT-96	<	4.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		ALDRN	WDOM	15-OCT-96	16-OCT-96	<	4.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		ANAPNE	WDIM	04-OCT-96	08-OCT-96	<	1.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		ANAPNE	WDOM	15-OCT-96	16-OCT-96	<	1.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		ANAPYL	WDIM	04-OCT-96	08-OCT-96	<	.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		ANAPYL	WDOM	15-OCT-96	16-OCT-96	<	.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		ANIL	WDIM	04-OCT-96	08-OCT-96	<	4.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		ANIL	WDOM	15-OCT-96	16-OCT-96	<	4.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		ANTRC	WDIM	04-OCT-96	08-OCT-96	<	.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		ANTRC	WDOM	15-OCT-96	16-OCT-96	<	.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		B2CEXM	WDIM	04-OCT-96	08-OCT-96	<	1.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		B2CEXM	WDOM	15-OCT-96	16-OCT-96	<	1.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		B2CIPE	WDIM	04-OCT-96	08-OCT-96	<	5.3	UGL
ABB-ES	ORGANICS/WATER/GCMS		B2CIPE	WDOM	15-OCT-96	16-OCT-96	<	5.3	UGL
ABB-ES	ORGANICS/WATER/GCMS		B2CLEE	WDIM	04-OCT-96	08-OCT-96	<	1.9	UGL

Appendix D-3
Table: D-2
METHOD BLANKS (WATER)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2CLEE	WDOM	15-OCT-96	16-OCT-96	<	1.9	UGL
ABB-ES	ORGANICS/WATER/GCMS		B2EHP	WDIM	04-OCT-96	08-OCT-96	<	4.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		B2EHP	WDOM	15-OCT-96	16-OCT-96	<	4.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		BAANTR	WDIM	04-OCT-96	08-OCT-96	<	1.6	UGL
ABB-ES	ORGANICS/WATER/GCMS		BAANTR	WDOM	15-OCT-96	16-OCT-96	<	1.6	UGL
ABB-ES	ORGANICS/WATER/GCMS		BAPYR	WDIM	04-OCT-96	08-OCT-96	<	4.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		BAPYR	WDOM	15-OCT-96	16-OCT-96	<	4.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		BBFANT	WDIM	04-OCT-96	08-OCT-96	<	5.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		BBFANT	WDOM	15-OCT-96	16-OCT-96	<	5.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		BBHC	WDIM	04-OCT-96	08-OCT-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		BBHC	WDOM	15-OCT-96	16-OCT-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		BBZP	WDIM	04-OCT-96	08-OCT-96	<	3.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		BBZP	WDOM	15-OCT-96	16-OCT-96	<	3.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		BENSLF	WDIM	04-OCT-96	08-OCT-96	<	9.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		BENSLF	WDOM	15-OCT-96	16-OCT-96	<	9.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		BENZID	WDIM	04-OCT-96	08-OCT-96	<	10	UGL
ABB-ES	ORGANICS/WATER/GCMS		BENZID	WDOM	15-OCT-96	16-OCT-96	<	10	UGL
ABB-ES	ORGANICS/WATER/GCMS		BENZOA	WDIM	04-OCT-96	08-OCT-96	<	13	UGL
ABB-ES	ORGANICS/WATER/GCMS		BENZOA	WDOM	15-OCT-96	16-OCT-96	<	13	UGL
ABB-ES	ORGANICS/WATER/GCMS		BGHIPY	WDIM	04-OCT-96	08-OCT-96	<	6.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		BGHIPY	WDOM	15-OCT-96	16-OCT-96	<	6.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		BKFANT	WDIM	04-OCT-96	08-OCT-96	<	.87	UGL
ABB-ES	ORGANICS/WATER/GCMS		BKFANT	WDOM	15-OCT-96	16-OCT-96	<	.87	UGL
ABB-ES	ORGANICS/WATER/GCMS		BZALC	WDIM	04-OCT-96	08-OCT-96	<	.72	UGL
ABB-ES	ORGANICS/WATER/GCMS		BZALC	WDOM	15-OCT-96	16-OCT-96	<	.72	UGL
ABB-ES	ORGANICS/WATER/GCMS		CARBAZ	WDIM	04-OCT-96	08-OCT-96	<	2	UGL
ABB-ES	ORGANICS/WATER/GCMS		CARBAZ	WDOM	15-OCT-96	16-OCT-96	<	2	UGL
ABB-ES	ORGANICS/WATER/GCMS		CHRY	WDIM	04-OCT-96	08-OCT-96	<	2.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		CHRY	WDOM	15-OCT-96	16-OCT-96	<	2.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		CL6BZ	WDIM	04-OCT-96	08-OCT-96	<	1.6	UGL
ABB-ES	ORGANICS/WATER/GCMS		CL6BZ	WDOM	15-OCT-96	16-OCT-96	<	1.6	UGL
ABB-ES	ORGANICS/WATER/GCMS		CL6CP	WDIM	04-OCT-96	08-OCT-96	<	8.6	UGL
ABB-ES	ORGANICS/WATER/GCMS		CL6CP	WDOM	15-OCT-96	16-OCT-96	<	8.6	UGL
ABB-ES	ORGANICS/WATER/GCMS		CL6ET	WDIM	04-OCT-96	08-OCT-96	<	1.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		CL6ET	WDOM	15-OCT-96	16-OCT-96	<	1.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		DBAHA	WDIM	04-OCT-96	08-OCT-96	<	6.5	UGL

Appendix D-3
Table: D-2
METHOD BLANKS (WATER)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	DBAHA	WDOM	15-OCT-96	16-OCT-96	<	6.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		DBHC	WDIM	04-OCT-96	08-OCT-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		DBHC	WDOM	15-OCT-96	16-OCT-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		DBZFUR	WDIM	04-OCT-96	08-OCT-96	<	1.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		DBZFUR	WDOM	15-OCT-96	16-OCT-96	<	1.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		DEP	WDIM	04-OCT-96	08-OCT-96	<	2	UGL
ABB-ES	ORGANICS/WATER/GCMS		DEP	WDOM	15-OCT-96	16-OCT-96	<	2	UGL
ABB-ES	ORGANICS/WATER/GCMS		DLDRN	WDIM	04-OCT-96	08-OCT-96	<	4.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		DLDRN	WDOM	15-OCT-96	16-OCT-96	<	4.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		DMP	WDIM	04-OCT-96	08-OCT-96	<	1.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		DMP	WDOM	15-OCT-96	16-OCT-96	<	1.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		DNBP	WDIM	04-OCT-96	08-OCT-96	<	3.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		DNBP	WDOM	15-OCT-96	16-OCT-96	<	3.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		DNOP	WDIM	04-OCT-96	08-OCT-96	<	15	UGL
ABB-ES	ORGANICS/WATER/GCMS		DNOP	WDOM	15-OCT-96	16-OCT-96	<	15	UGL
ABB-ES	ORGANICS/WATER/GCMS		DPA	WDIM	04-OCT-96	08-OCT-96	<	2.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		DPA	WDOM	15-OCT-96	16-OCT-96	<	2.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		ENDRN	WDIM	04-OCT-96	08-OCT-96	<	7.6	UGL
ABB-ES	ORGANICS/WATER/GCMS		ENDRN	WDOM	15-OCT-96	16-OCT-96	<	7.6	UGL
ABB-ES	ORGANICS/WATER/GCMS		ENDRNA	WDIM	04-OCT-96	08-OCT-96	<	8	UGL
ABB-ES	ORGANICS/WATER/GCMS		ENDRNA	WDOM	15-OCT-96	16-OCT-96	<	8	UGL
ABB-ES	ORGANICS/WATER/GCMS		ENDRNK	WDIM	04-OCT-96	08-OCT-96	<	8	UGL
ABB-ES	ORGANICS/WATER/GCMS		ENDRNK	WDOM	15-OCT-96	16-OCT-96	<	8	UGL
ABB-ES	ORGANICS/WATER/GCMS		ESFSO4	WDIM	04-OCT-96	08-OCT-96	<	9.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		ESFSO4	WDOM	15-OCT-96	16-OCT-96	<	9.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		FANT	WDIM	04-OCT-96	08-OCT-96	<	3.3	UGL
ABB-ES	ORGANICS/WATER/GCMS		FANT	WDOM	15-OCT-96	16-OCT-96	<	3.3	UGL
ABB-ES	ORGANICS/WATER/GCMS		FLRENE	WDIM	04-OCT-96	08-OCT-96	<	3.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		FLRENE	WDOM	15-OCT-96	16-OCT-96	<	3.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		GCLDAN	WDIM	04-OCT-96	08-OCT-96	<	5.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		GCLDAN	WDOM	15-OCT-96	16-OCT-96	<	5.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		HCBD	WDIM	04-OCT-96	08-OCT-96	<	3.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		HCBD	WDOM	15-OCT-96	16-OCT-96	<	3.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		HPCL	WDIM	04-OCT-96	08-OCT-96	<	2	UGL
ABB-ES	ORGANICS/WATER/GCMS		HPCL	WDOM	15-OCT-96	16-OCT-96	<	2	UGL
ABB-ES	ORGANICS/WATER/GCMS		HPCLE	WDIM	04-OCT-96	08-OCT-96	<	5	UGL

Appendix D-3
Table: D-2
METHOD BLANKS (WATER)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	HPCLE	WDOM	15-OCT-96	16-OCT-96	<	5	UGL
ABB-ES	ORGANICS/WATER/GCMS		ICDPYR	WDIM	04-OCT-96	08-OCT-96	<	8.6	UGL
ABB-ES	ORGANICS/WATER/GCMS		ICDPYR	WDOM	15-OCT-96	16-OCT-96	<	8.6	UGL
ABB-ES	ORGANICS/WATER/GCMS		ISOPHR	WDIM	04-OCT-96	08-OCT-96	<	4.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		ISOPHR	WDOM	15-OCT-96	16-OCT-96	<	4.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		LIN	WDIM	04-OCT-96	08-OCT-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		LIN	WDOM	15-OCT-96	16-OCT-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		MEXCLR	WDIM	04-OCT-96	08-OCT-96	<	5.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		MEXCLR	WDOM	15-OCT-96	16-OCT-96	<	5.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		NAP	WDIM	04-OCT-96	08-OCT-96	<	.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		NAP	WDOM	15-OCT-96	16-OCT-96	<	.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		NB	WDIM	04-OCT-96	08-OCT-96	<	.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		NB	WDOM	15-OCT-96	16-OCT-96	<	.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		NNDMEA	WDIM	04-OCT-96	08-OCT-96	<	2	UGL
ABB-ES	ORGANICS/WATER/GCMS		NNDMEA	WDOM	15-OCT-96	16-OCT-96	<	2	UGL
ABB-ES	ORGANICS/WATER/GCMS		NNDNPA	WDIM	04-OCT-96	08-OCT-96	<	4.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		NNDNPA	WDOM	15-OCT-96	16-OCT-96	<	4.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		NNDPA	WDIM	04-OCT-96	08-OCT-96	<	3	UGL
ABB-ES	ORGANICS/WATER/GCMS		NNDPA	WDOM	15-OCT-96	16-OCT-96	<	3	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB016	WDIM	04-OCT-96	08-OCT-96	<	21	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB016	WDOM	15-OCT-96	16-OCT-96	<	21	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB221	WDIM	04-OCT-96	08-OCT-96	<	21	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB221	WDOM	15-OCT-96	16-OCT-96	<	21	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB232	WDIM	04-OCT-96	08-OCT-96	<	21	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB232	WDOM	15-OCT-96	16-OCT-96	<	21	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB242	WDIM	04-OCT-96	08-OCT-96	<	30	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB242	WDOM	15-OCT-96	16-OCT-96	<	30	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB248	WDIM	04-OCT-96	08-OCT-96	<	30	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB248	WDOM	15-OCT-96	16-OCT-96	<	30	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB254	WDIM	04-OCT-96	08-OCT-96	<	36	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB254	WDOM	15-OCT-96	16-OCT-96	<	36	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB260	WDIM	04-OCT-96	08-OCT-96	<	36	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB260	WDOM	15-OCT-96	16-OCT-96	<	36	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCP	WDIM	04-OCT-96	08-OCT-96	<	18	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCP	WDOM	15-OCT-96	16-OCT-96	<	18	UGL
ABB-ES	ORGANICS/WATER/GCMS		PHANTR	WDIM	04-OCT-96	08-OCT-96	<	.5	UGL

Appendix D-3
Table: D-2
METHOD BLANKS (WATER)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHANTR	WDOM	15-OCT-96	16-OCT-96	<	.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		PHENOL	WDIM	04-OCT-96	08-OCT-96	<	9.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		PHENOL	WDOM	15-OCT-96	16-OCT-96	<	9.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		PPDDD	WDIM	04-OCT-96	08-OCT-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		PPDDD	WDOM	15-OCT-96	16-OCT-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		PPDDE	WDIM	04-OCT-96	08-OCT-96	<	4.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		PPDDE	WDOM	15-OCT-96	16-OCT-96	<	4.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		PPDDT	WDIM	04-OCT-96	08-OCT-96	<	9.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		PPDDT	WDOM	15-OCT-96	16-OCT-96	<	9.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		PYR	WDIM	04-OCT-96	08-OCT-96	<	2.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		PYR	WDOM	15-OCT-96	16-OCT-96	<	2.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		TXPHEN	WDIM	04-OCT-96	08-OCT-96	<	36	UGL
ABB-ES	ORGANICS/WATER/GCMS		TXPHEN	WDOM	15-OCT-96	16-OCT-96	<	36	UGL
ABB-ES	VOLATILES/WATER/GCMS	UM20	111TCE	XDKS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		111TCE	XDLS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		111TCE	XDMS	10-OCT-96	10-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		112TCE	XDKS	09-OCT-96	09-OCT-96	<	1.2	UGL
ABB-ES	VOLATILES/WATER/GCMS		112TCE	XDLS	09-OCT-96	09-OCT-96	<	1.2	UGL
ABB-ES	VOLATILES/WATER/GCMS		112TCE	XDMS	10-OCT-96	10-OCT-96	<	1.2	UGL
ABB-ES	VOLATILES/WATER/GCMS		11DCE	XDKS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		11DCE	XDLS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		11DCE	XDMS	10-OCT-96	10-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		11DCLE	XDKS	09-OCT-96	09-OCT-96	<	.68	UGL
ABB-ES	VOLATILES/WATER/GCMS		11DCLE	XDLS	09-OCT-96	09-OCT-96	<	.68	UGL
ABB-ES	VOLATILES/WATER/GCMS		11DCLE	XDMS	10-OCT-96	10-OCT-96	<	.68	UGL
ABB-ES	VOLATILES/WATER/GCMS		12DCE	XDKS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		12DCE	XDLS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		12DCE	XDMS	10-OCT-96	10-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		12DCLE	XDKS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		12DCLE	XDLS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		12DCLE	XDMS	10-OCT-96	10-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		12DCLP	XDKS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		12DCLP	XDLS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		12DCLP	XDMS	10-OCT-96	10-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		2CLEVE	XDKS	09-OCT-96	09-OCT-96	<	.71	UGL

Appendix D-3
Table: D-2
METHOD BLANKS (WATER)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	VOLATILES/WATER/GCMS	UM20	2CLEVE	XDLS	09-OCT-96	09-OCT-96	<	.71	UGL
ABB-ES	VOLATILES/WATER/GCMS		2CLEVE	XDMS	10-OCT-96	10-OCT-96	<	.71	UGL
ABB-ES	VOLATILES/WATER/GCMS		2PROL	XDLS	09-OCT-96	09-OCT-96	<	400	UGL
ABB-ES	VOLATILES/WATER/GCMS		2PROL	XDMS	10-OCT-96	10-OCT-96	<	400	UGL
ABB-ES	VOLATILES/WATER/GCMS		ACET	XDKS	09-OCT-96	09-OCT-96	<	13	UGL
ABB-ES	VOLATILES/WATER/GCMS		ACET	XDLS	09-OCT-96	09-OCT-96	<	13	UGL
ABB-ES	VOLATILES/WATER/GCMS		ACET	XDMS	10-OCT-96	10-OCT-96	<	13	UGL
ABB-ES	VOLATILES/WATER/GCMS		ACROLN	XDKS	09-OCT-96	09-OCT-96	<	100	UGL
ABB-ES	VOLATILES/WATER/GCMS		ACROLN	XDLS	09-OCT-96	09-OCT-96	<	100	UGL
ABB-ES	VOLATILES/WATER/GCMS		ACROLN	XDMS	10-OCT-96	10-OCT-96	<	100	UGL
ABB-ES	VOLATILES/WATER/GCMS		ACRYLO	XDKS	09-OCT-96	09-OCT-96	<	100	UGL
ABB-ES	VOLATILES/WATER/GCMS		ACRYLO	XDLS	09-OCT-96	09-OCT-96	<	100	UGL
ABB-ES	VOLATILES/WATER/GCMS		ACRYLO	XDMS	10-OCT-96	10-OCT-96	<	100	UGL
ABB-ES	VOLATILES/WATER/GCMS		BRDCLM	XDKS	09-OCT-96	09-OCT-96	<	.59	UGL
ABB-ES	VOLATILES/WATER/GCMS		BRDCLM	XDLS	09-OCT-96	09-OCT-96	<	.59	UGL
ABB-ES	VOLATILES/WATER/GCMS		BRDCLM	XDMS	10-OCT-96	10-OCT-96	<	.59	UGL
ABB-ES	VOLATILES/WATER/GCMS		C13DCP	XDKS	09-OCT-96	09-OCT-96	<	.58	UGL
ABB-ES	VOLATILES/WATER/GCMS		C13DCP	XDLS	09-OCT-96	09-OCT-96	<	.58	UGL
ABB-ES	VOLATILES/WATER/GCMS		C13DCP	XDMS	10-OCT-96	10-OCT-96	<	.58	UGL
ABB-ES	VOLATILES/WATER/GCMS		C2AVE	XDKS	09-OCT-96	09-OCT-96	<	8.3	UGL
ABB-ES	VOLATILES/WATER/GCMS		C2AVE	XDLS	09-OCT-96	09-OCT-96	<	8.3	UGL
ABB-ES	VOLATILES/WATER/GCMS		C2AVE	XDMS	10-OCT-96	10-OCT-96	<	8.3	UGL
ABB-ES	VOLATILES/WATER/GCMS		C2H3CL	XDKS	09-OCT-96	09-OCT-96	<	2.6	UGL
ABB-ES	VOLATILES/WATER/GCMS		C2H3CL	XDLS	09-OCT-96	09-OCT-96	<	2.6	UGL
ABB-ES	VOLATILES/WATER/GCMS		C2H3CL	XDMS	10-OCT-96	10-OCT-96	<	2.6	UGL
ABB-ES	VOLATILES/WATER/GCMS		C2H5CL	XDKS	09-OCT-96	09-OCT-96	<	1.9	UGL
ABB-ES	VOLATILES/WATER/GCMS		C2H5CL	XDLS	09-OCT-96	09-OCT-96	<	1.9	UGL
ABB-ES	VOLATILES/WATER/GCMS		C2H5CL	XDMS	10-OCT-96	10-OCT-96	<	1.9	UGL
ABB-ES	VOLATILES/WATER/GCMS		C6H6	XDKS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		C6H6	XDLS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		C6H6	XDMS	10-OCT-96	10-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		CCL2F2	XDLS	09-OCT-96	09-OCT-96	<	6.9	UGL
ABB-ES	VOLATILES/WATER/GCMS		CCL2F2	XDMS	10-OCT-96	10-OCT-96	<	6.9	UGL
ABB-ES	VOLATILES/WATER/GCMS		CCL3F	XDKS	09-OCT-96	09-OCT-96	<	1.4	UGL
ABB-ES	VOLATILES/WATER/GCMS		CCL3F	XDLS	09-OCT-96	09-OCT-96	<	1.4	UGL
ABB-ES	VOLATILES/WATER/GCMS		CCL3F	XDMS	10-OCT-96	10-OCT-96	<	1.4	UGL

Appendix D-3
Table: D-2
METHOD BLANKS (WATER)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	VOLATILES/WATER/GCMS	UM20	CCL4	XDKS	09-OCT-96	09-OCT-96	<	.58	UGL
ABB-ES	VOLATILES/WATER/GCMS		CCL4	XDLS	09-OCT-96	09-OCT-96	<	.58	UGL
ABB-ES	VOLATILES/WATER/GCMS		CCL4	XDMS	10-OCT-96	10-OCT-96	<	.58	UGL
ABB-ES	VOLATILES/WATER/GCMS		CH2CL2	XDKS	09-OCT-96	09-OCT-96	<	2.3	UGL
ABB-ES	VOLATILES/WATER/GCMS		CH2CL2	XDLS	09-OCT-96	09-OCT-96	<	2.3	UGL
ABB-ES	VOLATILES/WATER/GCMS		CH2CL2	XDMS	10-OCT-96	10-OCT-96	<	2.3	UGL
ABB-ES	VOLATILES/WATER/GCMS		CH3BR	XDKS	09-OCT-96	09-OCT-96	<	5.8	UGL
ABB-ES	VOLATILES/WATER/GCMS		CH3BR	XDLS	09-OCT-96	09-OCT-96	<	5.8	UGL
ABB-ES	VOLATILES/WATER/GCMS		CH3BR	XDMS	10-OCT-96	10-OCT-96	<	5.8	UGL
ABB-ES	VOLATILES/WATER/GCMS		CH3CL	XDKS	09-OCT-96	09-OCT-96	<	3.2	UGL
ABB-ES	VOLATILES/WATER/GCMS		CH3CL	XDLS	09-OCT-96	09-OCT-96	<	3.2	UGL
ABB-ES	VOLATILES/WATER/GCMS		CH3CL	XDMS	10-OCT-96	10-OCT-96	<	3.2	UGL
ABB-ES	VOLATILES/WATER/GCMS		CH3CN	XDLS	09-OCT-96	09-OCT-96	<	200	UGL
ABB-ES	VOLATILES/WATER/GCMS		CH3CN	XDMS	10-OCT-96	10-OCT-96	<	200	UGL
ABB-ES	VOLATILES/WATER/GCMS		CHBR3	XDKS	09-OCT-96	09-OCT-96	<	2.6	UGL
ABB-ES	VOLATILES/WATER/GCMS		CHBR3	XDLS	09-OCT-96	09-OCT-96	<	2.6	UGL
ABB-ES	VOLATILES/WATER/GCMS		CHBR3	XDMS	10-OCT-96	10-OCT-96	<	2.6	UGL
ABB-ES	VOLATILES/WATER/GCMS		CHCL3	XDKS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		CHCL3	XDLS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		CHCL3	XDMS	10-OCT-96	10-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		CL2BZ	XDKS	09-OCT-96	09-OCT-96	<	10	UGL
ABB-ES	VOLATILES/WATER/GCMS		CL2BZ	XDLS	09-OCT-96	09-OCT-96	<	10	UGL
ABB-ES	VOLATILES/WATER/GCMS		CL2BZ	XDMS	10-OCT-96	10-OCT-96	<	10	UGL
ABB-ES	VOLATILES/WATER/GCMS		CLC6H5	XDKS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		CLC6H5	XDLS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		CLC6H5	XDMS	10-OCT-96	10-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		CS2	XDKS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		CS2	XDLS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		CS2	XDMS	10-OCT-96	10-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		DBRCLM	XDKS	09-OCT-96	09-OCT-96	<	.67	UGL
ABB-ES	VOLATILES/WATER/GCMS		DBRCLM	XDLS	09-OCT-96	09-OCT-96	<	.67	UGL
ABB-ES	VOLATILES/WATER/GCMS		DBRCLM	XDMS	10-OCT-96	10-OCT-96	<	.67	UGL
ABB-ES	VOLATILES/WATER/GCMS		ETC6H5	XDKS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		ETC6H5	XDLS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		ETC6H5	XDMS	10-OCT-96	10-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		ETOH	XDLS	09-OCT-96	09-OCT-96	<	2000	UGL

Appendix D-3
Table: D-2
METHOD BLANKS (WATER)
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Unit
ABB-ES	VOLATILES/WATER/GCMS	UM20	ETOH	XDMS	10-OCT-96	10-OCT-96	<	2000	UGL
ABB-ES	VOLATILES/WATER/GCMS		MEC6H5	XDKS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		MEC6H5	XDLS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		MEC6H5	XDMS	10-OCT-96	10-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		MEK	XDKS	09-OCT-96	09-OCT-96	<	6.4	UGL
ABB-ES	VOLATILES/WATER/GCMS		MEK	XDLS	09-OCT-96	09-OCT-96	<	6.4	UGL
ABB-ES	VOLATILES/WATER/GCMS		MEK	XDMS	10-OCT-96	10-OCT-96	<	6.4	UGL
ABB-ES	VOLATILES/WATER/GCMS		MIBK	XDKS	09-OCT-96	09-OCT-96	<	3	UGL
ABB-ES	VOLATILES/WATER/GCMS		MIBK	XDLS	09-OCT-96	09-OCT-96	<	3	UGL
ABB-ES	VOLATILES/WATER/GCMS		MIBK	XDMS	10-OCT-96	10-OCT-96	<	3	UGL
ABB-ES	VOLATILES/WATER/GCMS		MNBK	XDKS	09-OCT-96	09-OCT-96	<	3.6	UGL
ABB-ES	VOLATILES/WATER/GCMS		MNBK	XDLS	09-OCT-96	09-OCT-96	<	3.6	UGL
ABB-ES	VOLATILES/WATER/GCMS		MNBK	XDMS	10-OCT-96	10-OCT-96	<	3.6	UGL
ABB-ES	VOLATILES/WATER/GCMS		STYR	XDKS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		STYR	XDLS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		STYR	XDMS	10-OCT-96	10-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		T13DCP	XDKS	09-OCT-96	09-OCT-96	<	.7	UGL
ABB-ES	VOLATILES/WATER/GCMS		T13DCP	XDLS	09-OCT-96	09-OCT-96	<	.7	UGL
ABB-ES	VOLATILES/WATER/GCMS		T13DCP	XDMS	10-OCT-96	10-OCT-96	<	.7	UGL
ABB-ES	VOLATILES/WATER/GCMS		TCLEA	XDKS	09-OCT-96	09-OCT-96	<	.51	UGL
ABB-ES	VOLATILES/WATER/GCMS		TCLEA	XDLS	09-OCT-96	09-OCT-96	<	.51	UGL
ABB-ES	VOLATILES/WATER/GCMS		TCLEA	XDMS	10-OCT-96	10-OCT-96	<	.51	UGL
ABB-ES	VOLATILES/WATER/GCMS		TCLEE	XDKS	09-OCT-96	09-OCT-96	<	1.6	UGL
ABB-ES	VOLATILES/WATER/GCMS		TCLEE	XDLS	09-OCT-96	09-OCT-96	<	1.6	UGL
ABB-ES	VOLATILES/WATER/GCMS		TCLEE	XDMS	10-OCT-96	10-OCT-96	<	1.6	UGL
ABB-ES	VOLATILES/WATER/GCMS		TCLTFE	XDLS	09-OCT-96	09-OCT-96	<	5	UGL
ABB-ES	VOLATILES/WATER/GCMS		TCLTFE	XDMS	10-OCT-96	10-OCT-96	<	5	UGL
ABB-ES	VOLATILES/WATER/GCMS		TRCLE	XDKS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		TRCLE	XDLS	09-OCT-96	09-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		TRCLE	XDMS	10-OCT-96	10-OCT-96	<	.5	UGL
ABB-ES	VOLATILES/WATER/GCMS		XYLEN	XDKS	09-OCT-96	09-OCT-96	<	.84	UGL
ABB-ES	VOLATILES/WATER/GCMS		XYLEN	XDLS	09-OCT-96	09-OCT-96	<	.84	UGL
ABB-ES	VOLATILES/WATER/GCMS		XYLEN	XDMS	10-OCT-96	10-OCT-96	<	.84	UGL

APPENDIX D-3
TABLE D-3
ELEMENTS DETECTED IN SOIL METHOD BLANKS

1995 AOC 57 AND 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

ELEMENT	FREQUENCY OF DETECTION	CONCENTRATION RANGE (µg/g)	CRL (µg/g)
Aluminum	1/1	636	14.1
Barium	1/1	13.4	29.6
Calcium	1/1	421	3.05
Lead	1/1	.649	1.26
Copper	1/1	1.01	58.6
Iron	1/1	1160	42.7
Potassium	1/1	215	37.5
Magnesium	1/1	202	50.0
Manganese	1/1	27.3	0.275

APPENDIX D-3
TABLE D-4
VOCS DETECTED IN METHOD BLANKS FOR SOIL

1995 AOC 57 AND 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

COMPOUND	FREQUENCY OF DETECTION	CONCENTRATION RANGE (µg/g)	CRL (µg/g)
Target VOCs			
Acetone	1/3	0.017	0.017
Methylene Chloride	3/3	0.0015 - 0.0039	0.012
VOC TICs			
Trichlorofluoromethane	1/3	0.011	NA

Appendix D-3
Table D-5
SVOCs Detected in Soil Blanks

1995 AOC 57 and 69W Remedial Investigation
Fort Devens, Massachusetts

Compound	Frequency of Detection	Concentration Range (μg/g)	CRL (μg/g)
SVOC TICs			
Dioctyl adipate	1/3	3	Not determined
heptacosane	2/3	0.3	Not determined

APPENDIX D-3
TABLE D-6
PESTICIDES DETECTED IN METHOD BLANKS FOR WATER

1995 AOC 57 AND 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

COMPOUND	FREQUENCY OF DETECTION	CONCENTRATION RANGE (µg/L)	CRL (µg/L)
Malathion	2/2	0.188	Not Available

Appendix D-3
Table D-7
Pesticides Detected in Method Blanks for Soil

1995 AOC 57 and 69W Remedial Investigation
Fort Devens, Massachusetts

Compound	Frequency of Detection	Concentration Range (µg/L)	CRL (µg/L)
alpha-Chlordane	1/2	0.00596	0.005
gamma-Chlordane	2/2	0.00655 - 0.0108	0.005

Appendix D-3
Table: D-8
RINSE BLANKS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Test Name	Lot	Sample Date	Analysis Date	<	Value	Unit
ABB-ES		4151	SBK-96-540	SBK96540	DV4W*540	TOC	ZKZK	03-SEP-96	20-SEP-96	<	1000	UGL
ABB-ES		4181	SBK-96-540	SBK96540	DV4W*540	TPHC	ZKVK	03-SEP-96	18-SEP-96	<	181	UGL
ABB-ES		8015	SBK-96-540	SBK96540	DV4W*540	TPHDSL	PEAX	03-SEP-96	11-SEP-96	<	340	UGL
ABB-ES			SBK-96-540	SBK96540	DV4W*540	TPHGAS	PEAX	03-SEP-96	11-SEP-96	<	340	UGL
ABB-ES	METALS/WATER/CVAA	SB01	SBK-96-540	SBK96540	DV4W*540	HG	QJJF	03-SEP-96	10-SEP-96	<	.236	UGL
ABB-ES	METALS/WATER/GFAA	SD09	SBK-96-540	SBK96540	DV4W*540	TL	UCBG	03-SEP-96	12-SEP-96	<	7.72	UGL
ABB-ES	METALS/WATER/GFAA	SD20	SBK-96-540	SBK96540	DV4W*540	PB	WCQH	03-SEP-96	12-SEP-96	<	1.37	UGL
ABB-ES	METALS/WATER/GFAA	SD21	SBK-96-540	SBK96540	DV4W*540	SE	XCGH	03-SEP-96	12-SEP-96	<	3.22	UGL
ABB-ES	METALS/WATER/GFAA	SD22	SBK-96-540	SBK96540	DV4W*540	AS	YCLH	03-SEP-96	12-SEP-96	<	2.71	UGL
ABB-ES	METALS/WATER/GFAA	SD28	SBK-96-540	SBK96540	DV4W*540	SB	NFIF	03-SEP-96	12-SEP-96	<	2.71	UGL
ABB-ES	PESTICIDES/WATER/GCEC	UH02	SBK-96-540	SBK96540	DV4W*540	PCB016	SDOF	03-SEP-96	26-SEP-96	<	.194	UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-96-540	SBK96540	DV4W*540	PCB221	SDOF	03-SEP-96	26-SEP-96	<	.16	UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-96-540	SBK96540	DV4W*540	PCB232	SDOF	03-SEP-96	26-SEP-96	<	.16	UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-96-540	SBK96540	DV4W*540	PCB242	SDOF	03-SEP-96	26-SEP-96	<	.19	UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-96-540	SBK96540	DV4W*540	PCB248	SDOF	03-SEP-96	26-SEP-96	<	.19	UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-96-540	SBK96540	DV4W*540	PCB254	SDOF	03-SEP-96	26-SEP-96	<	.19	UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-96-540	SBK96540	DV4W*540	PCB260	SDOF	03-SEP-96	26-SEP-96	<	.208	UGL
ABB-ES	ORGANICS/WATER/GCMS	UM18	SBK-96-540	SBK96540	DV4W*540	124TCB	WDDM	03-SEP-96	13-SEP-96	<	2.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	12DCLB	WDDM	03-SEP-96	13-SEP-96	<	2	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	12DPH	WDDM	03-SEP-96	13-SEP-96	<	2	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	13DCLB	WDDM	03-SEP-96	13-SEP-96	<	2.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	14DCLB	WDDM	03-SEP-96	13-SEP-96	<	2.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	245TCP	WDDM	03-SEP-96	13-SEP-96	<	4.9	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	246TCP	WDDM	03-SEP-96	13-SEP-96	<	4.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	24DCLP	WDDM	03-SEP-96	13-SEP-96	<	3.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	24DMPN	WDDM	03-SEP-96	13-SEP-96	<	6.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	24DNP	WDDM	03-SEP-96	13-SEP-96	<	15	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	24DNT	WDDM	03-SEP-96	13-SEP-96	<	4.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	26DNT	WDDM	03-SEP-96	13-SEP-96	<	.72	UGL

Appendix D-3
Table: D-8
RINSE BLANKS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Test Name	Lot	Sample Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	SBK-96-540	SBK96540	DV4W*540	2CLP	WDDM	03-SEP-96	13-SEP-96	<	1	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	2CNAP	WDDM	03-SEP-96	13-SEP-96	<	.57	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	2MNAP	WDDM	03-SEP-96	13-SEP-96	<	1.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	2MP	WDDM	03-SEP-96	13-SEP-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	2NANIL	WDDM	03-SEP-96	13-SEP-96	<	4.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	2NP	WDDM	03-SEP-96	13-SEP-96	<	3.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	33DCBD	WDDM	03-SEP-96	13-SEP-96	<	7.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	3NANIL	WDDM	03-SEP-96	13-SEP-96	<	5.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	46DN2C	WDDM	03-SEP-96	13-SEP-96	<	14	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	4BRPPE	WDDM	03-SEP-96	13-SEP-96	<	4.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	4CANIL	WDDM	03-SEP-96	13-SEP-96	<	8.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	4CL3C	WDDM	03-SEP-96	13-SEP-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	4CLPPE	WDDM	03-SEP-96	13-SEP-96	<	6	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	4MP	WDDM	03-SEP-96	13-SEP-96	<	.61	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	4NANIL	WDDM	03-SEP-96	13-SEP-96	<	5.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	4NP	WDDM	03-SEP-96	13-SEP-96	<	18	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	ABHC	WDDM	03-SEP-96	13-SEP-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	ACLDAN	WDDM	03-SEP-96	13-SEP-96	<	5.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	AENSLF	WDDM	03-SEP-96	13-SEP-96	<	9.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	ALDRN	WDDM	03-SEP-96	13-SEP-96	<	4.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	ANAPNE	WDDM	03-SEP-96	13-SEP-96	<	1.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	ANAPYL	WDDM	03-SEP-96	13-SEP-96	<	.52	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	ANTRC	WDDM	03-SEP-96	13-SEP-96	<	.51	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	B2CEXM	WDDM	03-SEP-96	13-SEP-96	<	1.6	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	B2CIPE	WDDM	03-SEP-96	13-SEP-96	<	6.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	B2CLEE	WDDM	03-SEP-96	13-SEP-96	<	2	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	B2EHP	WDDM	03-SEP-96	13-SEP-96		12	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	BAANTR	WDDM	03-SEP-96	13-SEP-96	<	1.6	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	BAPYR	WDDM	03-SEP-96	13-SEP-96	<	4.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	BBFANT	WDDM	03-SEP-96	13-SEP-96	<	5.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	BBHC	WDDM	03-SEP-96	13-SEP-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	BBZP	WDDM	03-SEP-96	13-SEP-96	<	3.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	BENSLF	WDDM	03-SEP-96	13-SEP-96	<	9.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	BENZID	WDDM	03-SEP-96	13-SEP-96	<	10	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	BENZOA	WDDM	03-SEP-96	13-SEP-96	<	20	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	BGHIPY	WDDM	03-SEP-96	13-SEP-96	<	4.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	BKFANT	WDDM	03-SEP-96	13-SEP-96	<	.85	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	BZALC	WDDM	03-SEP-96	13-SEP-96	<	.84	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	CARBAZ	WDDM	03-SEP-96	13-SEP-96	<	2.2	UGL

Appendix D-3
Table: D-8
RINSE BLANKS
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Contractor	Method Description	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Test Name	Lot	Sample Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	SBK-96-540	SBK96540	DV4W*540	CHRY	WDDM	03-SEP-96	13-SEP-96	<	2.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	CL6BZ	WDDM	03-SEP-96	13-SEP-96	<	1.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	CL6CP	WDDM	03-SEP-96	13-SEP-96	<	12	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	CL6ET	WDDM	03-SEP-96	13-SEP-96	<	1.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	DBAHA	WDDM	03-SEP-96	13-SEP-96	<	5.6	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	DBHC	WDDM	03-SEP-96	13-SEP-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	DBZFUR	WDDM	03-SEP-96	13-SEP-96	<	1.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	DEP	WDDM	03-SEP-96	13-SEP-96	<	2.3	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	DLDRN	WDDM	03-SEP-96	13-SEP-96	<	4.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	DMP	WDDM	03-SEP-96	13-SEP-96	<	1.9	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	DNBP	WDDM	03-SEP-96	13-SEP-96	<	3.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	DNOP	WDDM	03-SEP-96	13-SEP-96	<	12	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	ENDRN	WDDM	03-SEP-96	13-SEP-96	<	7.6	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	ENDRNA	WDDM	03-SEP-96	13-SEP-96	<	8	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	ENDRNK	WDDM	03-SEP-96	13-SEP-96	<	8	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	ESFSO4	WDDM	03-SEP-96	13-SEP-96	<	9.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	FANT	WDDM	03-SEP-96	13-SEP-96	<	3.3	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	FLRENE	WDDM	03-SEP-96	13-SEP-96	<	3.9	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	GCLDAN	WDDM	03-SEP-96	13-SEP-96	<	5.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	HCBD	WDDM	03-SEP-96	13-SEP-96	<	4.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	HPCL	WDDM	03-SEP-96	13-SEP-96	<	2	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	HPCLE	WDDM	03-SEP-96	13-SEP-96	<	5	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	ICDPYR	WDDM	03-SEP-96	13-SEP-96	<	7.4	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	ISOPHR	WDDM	03-SEP-96	13-SEP-96	<	4.9	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	LIN	WDDM	03-SEP-96	13-SEP-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	MEXCLR	WDDM	03-SEP-96	13-SEP-96	<	5.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	NAP	WDDM	03-SEP-96	13-SEP-96	<	.43	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	NB	WDDM	03-SEP-96	13-SEP-96	<	.56	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	NNDMEA	WDDM	03-SEP-96	13-SEP-96	<	2	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	NNDNPA	WDDM	03-SEP-96	13-SEP-96	<	4.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	NNDPA	WDDM	03-SEP-96	13-SEP-96	<	3.1	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	PCB016	WDDM	03-SEP-96	13-SEP-96	<	21	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	PCB221	WDDM	03-SEP-96	13-SEP-96	<	21	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	PCB232	WDDM	03-SEP-96	13-SEP-96	<	21	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	PCB242	WDDM	03-SEP-96	13-SEP-96	<	30	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	PCB248	WDDM	03-SEP-96	13-SEP-96	<	30	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	PCB254	WDDM	03-SEP-96	13-SEP-96	<	36	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	PCB260	WDDM	03-SEP-96	13-SEP-96	<	36	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	PCP	WDDM	03-SEP-96	13-SEP-96	<	14	UGL

Appendix D-3
Table: D-8
RINSE BLANKS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Test Name	Lot	Sample Date	Analysis Date	<	Value	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	SBK-96-540	SBK96540	DV4W*540	PHANTR	WDDM	03-SEP-96	13-SEP-96	<	.5	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	PHENOL	WDDM	03-SEP-96	13-SEP-96	<	17	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	PPDDD	WDDM	03-SEP-96	13-SEP-96	<	4	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	PPDDE	WDDM	03-SEP-96	13-SEP-96	<	4.7	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	PPDDT	WDDM	03-SEP-96	13-SEP-96	<	9.2	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	PYR	WDDM	03-SEP-96	13-SEP-96	<	2.8	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-96-540	SBK96540	DV4W*540	TXPHEN	WDDM	03-SEP-96	13-SEP-96	<	36	UGL

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Appendix D-3
Table: D-9
TRIP BLANKS
FT. DEVENS DV4 1996

Contractor	IRDMIS Method Code	Lot	Test Name	IRDMIS Field Sample Number	Lab Number	Sample Date	Prep Date	Analysis Date	<	Value	Unit	IRDMIS Site ID
ABB-ES	UM20	XDKS	111TCE	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.5	UGL	TBK-96-197
ABB-ES		XDLS	111TCE	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.5	UGL	TBK-95-565
ABB-ES		XDVR	111TCE	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.5	UGL	TBK-96-561
ABB-ES		XDKS	112TCE	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	1.3	UGL	TBK-96-197
ABB-ES		XDLS	112TCE	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	1.3	UGL	TBK-95-565
ABB-ES		XDVR	112TCE	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	1.3	UGL	TBK-96-561
ABB-ES		XDKS	11DCE	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.47	UGL	TBK-96-197
ABB-ES		XDLS	11DCE	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.47	UGL	TBK-95-565
ABB-ES		XDVR	11DCE	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.47	UGL	TBK-96-561
ABB-ES		XDKS	11DCLE	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.69	UGL	TBK-96-197
ABB-ES		XDLS	11DCLE	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.69	UGL	TBK-95-565
ABB-ES		XDVR	11DCLE	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.69	UGL	TBK-96-561
ABB-ES		XDKS	12DCE	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.49	UGL	TBK-96-197
ABB-ES		XDLS	12DCE	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.49	UGL	TBK-95-565
ABB-ES		XDVR	12DCE	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.49	UGL	TBK-96-561
ABB-ES		XDKS	12DCLE	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.5	UGL	TBK-96-197
ABB-ES		XDLS	12DCLE	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.5	UGL	TBK-95-565
ABB-ES		XDVR	12DCLE	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.5	UGL	TBK-96-561
ABB-ES		XDKS	12DCLP	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.49	UGL	TBK-96-197
ABB-ES		XDLS	12DCLP	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.49	UGL	TBK-95-565
ABB-ES		XDVR	12DCLP	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.49	UGL	TBK-96-561
ABB-ES		XDKS	2CLEVE	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.7	UGL	TBK-96-197
ABB-ES		XDLS	2CLEVE	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.7	UGL	TBK-95-565
ABB-ES		XDVR	2CLEVE	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.7	UGL	TBK-96-561
ABB-ES		XDKS	ACET	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	14	UGL	TBK-96-197
ABB-ES		XDLS	ACET	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	14	UGL	TBK-95-565
ABB-ES		XDVR	ACET	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	14	UGL	TBK-96-561
ABB-ES		XDKS	ACROLN	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	100	UGL	TBK-96-197
ABB-ES		XDLS	ACROLN	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	100	UGL	TBK-95-565
ABB-ES		XDVR	ACROLN	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	100	UGL	TBK-96-561
ABB-ES		XDKS	ACRYLO	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	100	UGL	TBK-96-197
ABB-ES		XDLS	ACRYLO	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	100	UGL	TBK-95-565
ABB-ES		XDVR	ACRYLO	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	100	UGL	TBK-96-561
ABB-ES		XDKS	BRDCLM	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.58	UGL	TBK-96-197
ABB-ES		XDLS	BRDCLM	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.58	UGL	TBK-95-565

Appendix D-3
Table: D-9
TRIP BLANKS
FT. DEVENS DV4 1996

Contractor	IRDMIS Method Code	Lot	Test Name	IRDMIS Field Sample Number	Lab Number	Sample Date	Prep Date	Analysis Date	<	Value	Unit	IRDMIS Site ID
ABB-ES	UM20	XDVR	BRDCLM	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.58	UGL	TBK-96-561
ABB-ES		XDKS	C13DCP	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.57	UGL	TBK-96-197
ABB-ES		XDLS	C13DCP	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.57	UGL	TBK-95-565
ABB-ES		XDVR	C13DCP	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.57	UGL	TBK-96-561
ABB-ES		XDKS	C2AVE	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	8.4	UGL	TBK-96-197
ABB-ES		XDLS	C2AVE	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	8.4	UGL	TBK-95-565
ABB-ES		XDVR	C2AVE	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	8.4	UGL	TBK-96-561
ABB-ES		XDKS	C2H3CL	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	2.7	UGL	TBK-96-197
ABB-ES		XDLS	C2H3CL	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	2.7	UGL	TBK-95-565
ABB-ES		XDVR	C2H3CL	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	2.7	UGL	TBK-96-561
ABB-ES		XDKS	C2H5CL	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	1.9	UGL	TBK-96-197
ABB-ES		XDLS	C2H5CL	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	1.9	UGL	TBK-95-565
ABB-ES		XDVR	C2H5CL	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	1.9	UGL	TBK-96-561
ABB-ES		XDKS	C6H6	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.5	UGL	TBK-96-197
ABB-ES		XDLS	C6H6	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.5	UGL	TBK-95-565
ABB-ES		XDVR	C6H6	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.5	UGL	TBK-96-561
ABB-ES		XDKS	CCL3F	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	1.4	UGL	TBK-96-197
ABB-ES		XDLS	CCL3F	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	1.4	UGL	TBK-95-565
ABB-ES		XDVR	CCL3F	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	1.4	UGL	TBK-96-561
ABB-ES		XDKS	CCL4	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.55	UGL	TBK-96-197
ABB-ES		XDLS	CCL4	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.55	UGL	TBK-95-565
ABB-ES		XDVR	CCL4	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.55	UGL	TBK-96-561
ABB-ES		XDKS	CH2CL2	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	2.2	UGL	TBK-96-197
ABB-ES		XDLS	CH2CL2	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	2.2	UGL	TBK-95-565
ABB-ES		XDVR	CH2CL2	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	2.2	UGL	TBK-96-561
ABB-ES		XDKS	CH3BR	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	5.7	UGL	TBK-96-197
ABB-ES		XDLS	CH3BR	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	5.7	UGL	TBK-95-565
ABB-ES		XDVR	CH3BR	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	5.7	UGL	TBK-96-561
ABB-ES		XDKS	CH3CL	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	3.4	UGL	TBK-96-197
ABB-ES		XDLS	CH3CL	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	3.4	UGL	TBK-95-565
ABB-ES		XDVR	CH3CL	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	3.4	UGL	TBK-96-561
ABB-ES		XDKS	CHBR3	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	2.5	UGL	TBK-96-197
ABB-ES		XDLS	CHBR3	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	2.5	UGL	TBK-95-565
ABB-ES		XDVR	CHBR3	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	2.5	UGL	TBK-96-561
ABB-ES		XDKS	CHCL3	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.51	UGL	TBK-96-197

Appendix D-3
Table: D-9
TRIP BLANKS
FT. DEVENS DV4 1996

Contractor	IRDMIS Method Code	Lot	Test Name	IRDMIS Field Sample Number	Lab Number	Sample Date	Prep Date	Analysis Date	<	Value	Unit	IRDMIS Site ID
ABB-ES	UM20	XDLS	CHCL3	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.51	UGL	TBK-95-565
ABB-ES		XDVR	CHCL3	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.51	UGL	TBK-96-561
ABB-ES		XDKS	CL2BZ	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	10	UGL	TBK-96-197
ABB-ES		XDLS	CL2BZ	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	10	UGL	TBK-95-565
ABB-ES		XDVR	CL2BZ	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	10	UGL	TBK-96-561
ABB-ES		XDKS	CLC6H5	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.48	UGL	TBK-96-197
ABB-ES		XDLS	CLC6H5	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.48	UGL	TBK-95-565
ABB-ES		XDVR	CLC6H5	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.48	UGL	TBK-96-561
ABB-ES		XDKS	CS2	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.57	UGL	TBK-96-197
ABB-ES		XDLS	CS2	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.57	UGL	TBK-95-565
ABB-ES		XDVR	CS2	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.57	UGL	TBK-96-561
ABB-ES		XDKS	DBRCLM	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.68	UGL	TBK-96-197
ABB-ES		XDLS	DBRCLM	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.68	UGL	TBK-95-565
ABB-ES		XDVR	DBRCLM	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.68	UGL	TBK-96-561
ABB-ES		XDKS	ETC6H5	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.48	UGL	TBK-96-197
ABB-ES		XDLS	ETC6H5	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.48	UGL	TBK-95-565
ABB-ES		XDVR	ETC6H5	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.48	UGL	TBK-96-561
ABB-ES		XDKS	MEC6H5	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.49	UGL	TBK-96-197
ABB-ES		XDLS	MEC6H5	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.49	UGL	TBK-95-565
ABB-ES		XDVR	MEC6H5	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.49	UGL	TBK-96-561
ABB-ES		XDKS	MEK	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	6.5	UGL	TBK-96-197
ABB-ES		XDLS	MEK	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	6.5	UGL	TBK-95-565
ABB-ES		XDVR	MEK	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	6.5	UGL	TBK-96-561
ABB-ES		XDKS	MIBK	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	3.3	UGL	TBK-96-197
ABB-ES		XDLS	MIBK	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	3.3	UGL	TBK-95-565
ABB-ES		XDVR	MIBK	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	3.3	UGL	TBK-96-561
ABB-ES		XDKS	MNBK	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	3.9	UGL	TBK-96-197
ABB-ES		XDLS	MNBK	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	3.9	UGL	TBK-95-565
ABB-ES		XDVR	MNBK	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	3.9	UGL	TBK-96-561
ABB-ES		XDKS	STYR	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.45	UGL	TBK-96-197
ABB-ES		XDLS	STYR	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.45	UGL	TBK-95-565
ABB-ES		XDVR	STYR	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.45	UGL	TBK-96-561
ABB-ES		XDKS	T13DCP	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.73	UGL	TBK-96-197
ABB-ES		XDLS	T13DCP	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.73	UGL	TBK-95-565
ABB-ES		XDVR	T13DCP	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.73	UGL	TBK-96-561

Appendix D-3
Table: D-9
TRIP BLANKS
FT. DEVENS DV4 1996

Contractor	IRDMIS Method Code	Lot	Test Name	IRDMIS Field Sample Number	Lab Number	Sample Date	Prep Date	Analysis Date	<	Value	Unit	IRDMIS Site ID
ABB-ES	UM20	XDKS	TCLEA	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.5	UGL	TBK-96-197
ABB-ES		XDLS	TCLEA	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.5	UGL	TBK-95-565
ABB-ES		XDVR	TCLEA	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.5	UGL	TBK-96-561
ABB-ES		XDKS	TCLEE	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	1.6	UGL	TBK-96-197
ABB-ES		XDLS	TCLEE	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	1.6	UGL	TBK-95-565
ABB-ES		XDVR	TCLEE	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	1.6	UGL	TBK-96-561
ABB-ES		XDKS	TRCLE	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.48	UGL	TBK-96-197
ABB-ES		XDLS	TRCLE	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.48	UGL	TBK-95-565
ABB-ES		XDVR	TRCLE	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.48	UGL	TBK-96-561
ABB-ES		XDKS	XYLEN	TBK96197	DV5W*197	03-OCT-96	09-OCT-96	09-OCT-96	<	.79	UGL	TBK-96-197
ABB-ES		XDLS	XYLEN	TBK96565	DV4W*565	02-OCT-96	09-OCT-96	09-OCT-96	<	.79	UGL	TBK-95-565
ABB-ES		XDVR	XYLEN	TBK96561	DV4W*561	22-AUG-96	30-AUG-96	30-AUG-96	<	.79	UGL	TBK-96-561

SQL> spool off

Appendix D-3
Table: D-10
FT. DEVENS DV4 1996
MS/MSD RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
ABB-ES		1302	HARD	57M-95-03X	MX5703X3	DV4W*537	ZKGN	02-OCT-96	14-OCT-96	200000	196000000		1.660E+09	UGL	98000.0	2.1
ABB-ES		1302	HARD	57M-95-03X	MX5703X3	DV4W*537	ZKGN	02-OCT-96	14-OCT-96	200000	192000000		1.660E+09	UGL	96000.0	2.1
			**********												----------	
			avg												97000.0	
			minimum												96000.0	
			maximum												98000.0	
ABB-ES		8015	DIESEL	57E-96-31X	EX573106	DV4S*519	QEFU	21-AUG-96	29-AUG-96	466	591	<	7.98	UGG	134.2	63.3
ABB-ES		8015	DIESEL	57E-96-31X	EX573106	DV4S*519	QEFU	21-AUG-96	29-AUG-96	466	307	<	7.98	UGG	69.7	63.3
ABB-ES		8015	DIESEL	57B-96-09X	BX570905	DV4S*525	QEXU	29-AUG-96	08-SEP-96	539	508	<	7.98	UGG	115.4	2.6
ABB-ES		8015	DIESEL	57B-96-09X	BX570905	DV4S*525	QEXU	29-AUG-96	08-SEP-96	539.	495	<	7.98	UGG	112.4	2.6
			**********												----------	
			avg												107.9	
			minimum												69.7	
			maximum												134.2	
ABB-ES		8015	TPHGAS	57E-96-31X	EX573106	DV4S*519	QEFU	21-AUG-96	29-AUG-96	430	440	<	8	UGG	108.3	34.7
ABB-ES		8015	TPHGAS	57E-96-31X	EX573106	DV4S*519	QEFU	21-AUG-96	29-AUG-96	430	310	<	8	UGG	76.3	34.7
ABB-ES		8015	TPHGAS	57B-96-09X	BX570905	DV4S*525	QEXU	29-AUG-96	08-SEP-96	497	380	<	8	UGG	93.6	2.7
ABB-ES		8015	TPHGAS	57B-96-09X	BX570905	DV4S*525	QEXU	29-AUG-96	08-SEP-96	497	370	<	8	UGG	91.1	2.7
			**********												----------	
			avg												92.3	
			minimum												76.3	
			maximum												108.3	
ABB-ES		9060	TOC	57M-96-09X	BX570914	DV4S*530	ZEMO	27-AUG-96	16-SEP-96	2500	2220		792	UGG	107.6	15.4
ABB-ES		9060	TOC	57M-96-09X	BX570914	DV4S*530	ZEMO	27-AUG-96	16-SEP-96	2720	2070		792	UGG	92.2	15.4
			**********												----------	
			avg												99.9	
			minimum												92.2	
			maximum												107.6	
ABB-ES		9071	TPHC	ZWB-96-03X	BXZW0310	DV4S*501	ZELO	23-AUG-96	18-SEP-96	1270	1070	<	27.8	UGG	95.4	.0
ABB-ES		9071	TPHC	ZWB-96-03X	BXZW0310	DV4S*501	ZELO	23-AUG-96	18-SEP-96	1270	1070	<	27.8	UGG	95.4	.0
ABB-ES		9071	TPHC	57E-96-31X	EX573106	DV4S*519	ZEHO	21-AUG-96	12-SEP-96	47300	1800		18300	UGG	4.0	47.3
ABB-ES		9071	TPHC	57E-96-31X	EX573106	DV4S*519	ZEHO	21-AUG-96	12-SEP-96	47300	1110		18300	UGG	2.5	47.3

Appendix D-3
Table: D-10
FT. DEVENS DV4 1996
MS/MSD RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
ABB-ES		9071	TPHC	57B-96-09X	BX570905	DV4S*525	ZENO	29-AUG-96	25-SEP-96	1370	1120	<	27.8	UGG	100.1	.0
ABB-ES		9071	TPHC	57B-96-09X	BX570905	DV4S*525	ZENO	29-AUG-96	25-SEP-96	1370	1120	<	27.8	UGG	100.1	.0
			**********												----------	
			avg												66.2	
			minimum												2.5	
			maximum												100.1	
ABB-ES	METALS/SOIL/CVAA	JB01	HG	57B-96-09X	BX570905	DV4S*525	QHDH	29-AUG-96	15-SEP-96	.483	.3	<	.05	UGG	76.0	1.8
ABB-ES	METALS/SOIL/CVAA	JB01	HG	57B-96-09X	BX570905	DV4S*525	QHDH	29-AUG-96	15-SEP-96	.485	.296	<	.05	UGG	74.7	1.8
			**********												----------	
			avg												75.4	
			minimum												74.7	
			maximum												76.0	
ABB-ES	METALS/SOIL/GFAA	JD15	SE	57B-96-09X	BX570905	DV4S*525	MBCG	29-AUG-96	24-SEP-96	4.86	3.44	<	.25	UGG	86.6	1.3
ABB-ES	METALS/SOIL/GFAA	JD15	SE	57B-96-09X	BX570905	DV4S*525	MBCG	29-AUG-96	24-SEP-96	4.67	3.35	<	.25	UGG	87.8	1.3
			**********												----------	
			avg												87.2	
			minimum												86.6	
			maximum												87.8	
ABB-ES	METALS/SOIL/GFAA	JD17	PB	57B-96-09X	BX570905	DV4S*525	OBBG	29-AUG-96	24-SEP-96	4.86	3.83		3.95	UGG	96.5	12.4
ABB-ES	METALS/SOIL/GFAA	JD17	PB	57B-96-09X	BX570905	DV4S*525	OBBG	29-AUG-96	24-SEP-96	4.67	3.25		3.95	UGG	85.2	12.4
			**********												----------	
			avg												90.8	
			minimum												85.2	
			maximum												96.5	
ABB-ES	METALS/SOIL/GFAA	JD19	AS	57B-96-09X	BX570905	DV4S*525	QBLG	29-AUG-96	25-SEP-96	4.67	2.6		8.39	UGG	68.1	25.5
ABB-ES	METALS/SOIL/GFAA	JD19	AS	57B-96-09X	BX570905	DV4S*525	QBLG	29-AUG-96	25-SEP-96	4.76	2.05		8.39	UGG	52.7	25.5
			**********												----------	
			avg												60.4	
			minimum												52.7	
			maximum												68.1	

Appendix D-3
Table: D-10
FT. DEVENS DV4 1996
MS/MSD RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
ABB-ES	METALS/SOIL/FURNACE	JD24	TL	57B-96-09X	BX570905	DV4S*525	RBSB	29-AUG-96	24-SEP-96	4.86	3.81	<	.5	UGG	96.0	.0
ABB-ES	METALS/SOIL/FURNACE	JD24	TL	57B-96-09X	BX570905	DV4S*525	RBSB	29-AUG-96	24-SEP-96	4.67	3.66	<	.5	UGG	95.9	.0
			**********													
			avg												95.9	
			minimum												95.9	
			maximum												96.0	
ABB-ES	METALS/SOIL/FURNACE	JD25	SB	57B-96-09X	BX570905	DV4S*525	SBXB	29-AUG-96	23-SEP-96	9.69	7.61	<	1.09	UGG	96.1	.1
ABB-ES	METALS/SOIL/FURNACE	JD25	SB	57B-96-09X	BX570905	DV4S*525	SBXB	29-AUG-96	23-SEP-96	9.62	7.56	<	1.09	UGG	96.2	.1
			**********													
			avg												96.2	
			minimum												96.1	
			maximum												96.2	
ABB-ES	METALS/SOIL/ICP	JS16	AG	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	9.54	7.22		1.12	UGG	92.6	5.1
ABB-ES	METALS/SOIL/ICP	JS16	AG	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	9.4	6.76		1.12	UGG	88.0	5.1
			**********													
			avg												90.3	
			minimum												88.0	
			maximum												92.6	
ABB-ES	METALS/SOIL/ICP	JS16	AL	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	239	147		5610	UGG	75.3	193.6
ABB-ES	METALS/SOIL/ICP	JS16	AL	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	235	2.35		5610	UGG	1.2	193.6
			**********													
			avg												38.3	
			minimum												1.2	
			maximum												75.3	
ABB-ES	METALS/SOIL/ICP	JS16	BA	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	71.6	57.2		13.3	UGG	97.8	3.1
ABB-ES	METALS/SOIL/ICP	JS16	BA	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	70.5	54.6		13.3	UGG	94.8	3.1
			**********													
			avg												96.3	
			minimum												94.8	
			maximum												97.8	
ABB-ES	METALS/SOIL/ICP	JS16	BE	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	59.6	49.2	<	.5	UGG	101.0	1.1

Appendix D-3
Table: D-10
FT. DEVENS DV4 1996
MS/MSD RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
ABB-ES	METALS/SOIL/ICP	JS16	BE	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	58.8	48	<	.5	UGG	99.9	1.1
			**********													
			avg												100.5	
			minimum												99.9	
			maximum												101.0	
ABB-ES	METALS/SOIL/ICP	JS16	CA	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	5960	4800		292	UGG	98.6	1.6
ABB-ES	METALS/SOIL/ICP	JS16	CA	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	5880	4660		292	UGG	97.0	1.6
			**********													
			avg												97.8	
			minimum												97.0	
			maximum												98.6	
ABB-ES	METALS/SOIL/ICP	JS16	CD	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	59.6	47.4	<	.7	UGG	97.3	.4
ABB-ES	METALS/SOIL/ICP	JS16	CD	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	58.8	46.6	<	.7	UGG	97.0	.4
			**********													
			avg												97.2	
			minimum												97.0	
			maximum												97.3	
ABB-ES	METALS/SOIL/ICP	JS16	CO	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	119	91.9		2.7	UGG	94.5	1.7
ABB-ES	METALS/SOIL/ICP	JS16	CO	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	118	89.6		2.7	UGG	92.9	1.7
			**********													
			avg												93.7	
			minimum												92.9	
			maximum												94.5	
ABB-ES	METALS/SOIL/ICP	JS16	CR	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	119	93.9		7.57	UGG	96.6	3.2
ABB-ES	METALS/SOIL/ICP	JS16	CR	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	118	90.2		7.57	UGG	93.6	3.2
			**********													
			avg												95.1	
			minimum												93.6	
			maximum												96.6	
ABB-ES	METALS/SOIL/ICP	JS16	CU	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	59.6	47.9		5.47	UGG	98.4	3.1
ABB-ES	METALS/SOIL/ICP	JS16	CU	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	58.8	45.8		5.47	UGG	95.3	3.1
			**********													
			avg												96.9	
			minimum												95.3	

Appendix D-3
Table: D-10
FT. DEVENS DV4 1996
MS/MSD RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
			maximum												98.4	
ABB-ES	METALS/SOIL/ICP	JS16	FE	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	1190	782		6410	UGG	80.4	198.1
ABB-ES	METALS/SOIL/ICP	JS16	FE	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	1180	3.68		6410	UGG	.4	198.1
			**********												----------	
			avg												40.4	
			minimum												.4	
			maximum												80.4	
ABB-ES	METALS/SOIL/ICP	JS16	K	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	5960	4930		521	UGG	101.2	1.9
ABB-ES	METALS/SOIL/ICP	JS16	K	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	5880	4770		521	UGG	99.3	1.9
			**********												----------	
			avg												100.3	
			minimum												99.3	
			maximum												101.2	
ABB-ES	METALS/SOIL/ICP	JS16	MG	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	5960	4930		1340	UGG	101.2	6.0
ABB-ES	METALS/SOIL/ICP	JS16	MG	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	5880	4580		1340	UGG	95.3	6.0
			**********												----------	
			avg												98.3	
			minimum												95.3	
			maximum												101.2	
ABB-ES	METALS/SOIL/ICP	JS16	MN	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	59.6	42.7		65.2	UGG	87.7	31.1
ABB-ES	METALS/SOIL/ICP	JS16	MN	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	58.8	30.8		65.2	UGG	64.1	31.1
			**********												----------	
			avg												75.9	
			minimum												64.1	
			maximum												87.7	
ABB-ES	METALS/SOIL/ICP	JS16	NA	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	5960	4900		505	UGG	100.6	1.3
ABB-ES	METALS/SOIL/ICP	JS16	NA	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	5880	4770		505	UGG	99.3	1.3
			**********												----------	
			avg												100.0	
			minimum												99.3	
			maximum												100.6	
ABB-ES	METALS/SOIL/ICP	JS16	NI	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	59.6	46.3		7.3	UGG	95.1	4.9
ABB-ES	METALS/SOIL/ICP	JS16	NI	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	58.8	43.5		7.3	UGG	90.6	4.9

Appendix D-3
Table: D-10
FT. DEVENS DV4 1996
MS/MSD RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
			**********													
			avg												92.8	
			minimum												90.6	
			maximum												95.1	
ABB-ES	METALS/SOIL/ICP	JS16	V	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	59.6	46.9		7.99	UGG	96.3	3.7
ABB-ES	METALS/SOIL/ICP	JS16	V	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	58.8	44.6		7.99	UGG	92.8	3.7
			**********													
			avg												94.6	
			minimum												92.8	
			maximum												96.3	
ABB-ES	METALS/SOIL/ICP	JS16	ZN	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	119	92.9		17.8	UGG	95.6	3.9
ABB-ES	METALS/SOIL/ICP	JS16	ZN	57B-96-09X	BX570905	DV4S*525	UBNI	29-AUG-96	26-SEP-96	118	88.6		17.8	UGG	91.9	3.9
			**********													
			avg												93.7	
			minimum												91.9	
			maximum												95.6	
ABB-ES	METALS/WATER/CVAA	SB01	HG	57M-95-03X	MX5703X3	DV4W*537	QJRF	02-OCT-96	22-OCT-96	4	3.92	<	.243	UGL	98.0	2.1
ABB-ES	METALS/WATER/CVAA	SB01	HG	57M-95-03X	MX5703X3	DV4W*537	QJRF	02-OCT-96	22-OCT-96	4	3.84	<	.243	UGL	96.0	2.1
			**********													
			avg												97.0	
			minimum												96.0	
			maximum												98.0	
ABB-ES	METALS/WATER/GFAA	SD09	TL	57M-96-10X	MX5710X1	DV4W*534	UCGG	02-OCT-96	29-OCT-96	10	11.2	<	6.99	UGL	112.0	1.8
ABB-ES	METALS/WATER/GFAA	SD09	TL	57M-96-10X	MX5710X1	DV4W*534	UCGG	02-OCT-96	29-OCT-96	10	11	<	6.99	UGL	110.0	1.8
			**********													
			avg												111.0	
			minimum												110.0	
			maximum												112.0	
ABB-ES	METALS/WATER/GFAA	SD20	PB	57M-96-10X	MX5710X1	DV4W*534	WCVH	02-OCT-96	29-OCT-96	40	41.8	<	1.26	UGL	104.5	.2
ABB-ES	METALS/WATER/GFAA	SD20	PB	57M-96-10X	MX5710X1	DV4W*534	WCVH	02-OCT-96	29-OCT-96	40	41.7	<	1.26	UGL	104.3	.2
			**********													

Appendix D-3
Table: D-10
FT. DEVENS DV4 1996
MS/MSD RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
			avg												104.4	
			minimum												104.3	
			maximum												104.5	
ABB-ES	METALS/WATER/GFAA	SD21	SE	57M-96-10X	MX5710X1	DV4W*534	XCLH	02-OCT-96	02-NOV-96	37.5	35.1	<	3.02	UGL	93.6	10.5
ABB-ES	METALS/WATER/GFAA	SD21	SE	57M-96-10X	MX5710X1	DV4W*534	XCLH	02-OCT-96	02-NOV-96	37.5	31.6	<	3.02	UGL	84.3	10.5
			**********												----------	
			avg												88.9	
			minimum												84.3	
			maximum												93.6	
ABB-ES	METALS/WATER/GFAA	SD22	AS	57M-96-10X	MX5710X1	DV4W*534	YCQH	02-OCT-96	02-NOV-96	37.5	39.9	<	2.54	UGL	106.4	2.3
ABB-ES	METALS/WATER/GFAA	SD22	AS	57M-96-10X	MX5710X1	DV4W*534	YCQH	02-OCT-96	02-NOV-96	37.5	39	<	2.54	UGL	104.0	2.3
			**********												----------	
			avg												105.2	
			minimum												104.0	
			maximum												106.4	
ABB-ES	METALS/WATER/GFAA	SD28	SB	57M-95-03X	MX5703X3	DV4W*537	NFKF	02-OCT-96	30-OCT-96	80	82	<	3.03	UGL	102.5	1.8
ABB-ES	METALS/WATER/GFAA	SD28	SB	57M-95-03X	MX5703X3	DV4W*537	NFKF	02-OCT-96	30-OCT-96	80	80.5	<	3.03	UGL	100.6	1.8
			**********												----------	
			avg												101.6	
			minimum												100.6	
			maximum												102.5	
ABB-ES	METALS/WATER/ICP	SS18	AG	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	100	104	<	4.42	UGL	104.0	1.0
ABB-ES	METALS/WATER/ICP	SS18	AG	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	100	103	<	4.42	UGL	103.0	1.0
			**********												----------	
			avg												103.5	
			minimum												103.0	
			maximum												104.0	
ABB-ES	METALS/WATER/ICP	SS18	AL	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	2000	2100		85	UGL	105.0	1.4
ABB-ES	METALS/WATER/ICP	SS18	AL	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	2000	2070		85	UGL	103.5	1.4
			**********												----------	

Appendix D-3
Table: D-10
FT. DEVENS DV4 1996
MS/MSD RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
			avg												104.3	
			minimum												103.5	
			maximum												105.0	
ABB-ES	METALS/WATER/ICP	SS18	BA	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	500	518		87.2	UGL	103.6	1.2
ABB-ES	METALS/WATER/ICP	SS18	BA	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	500	512		87.2	UGL	102.4	1.2
			**********												----------	
			avg												103.0	
			minimum												102.4	
			maximum												103.6	
ABB-ES	METALS/WATER/ICP	SS18	BE	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	500	535	<	5	UGL	107.0	1.1
ABB-ES	METALS/WATER/ICP	SS18	BE	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	500	529	<	5	UGL	105.8	1.1
			**********												----------	
			avg												106.4	
			minimum												105.8	
			maximum												107.0	
ABB-ES	METALS/WATER/ICP	SS18	CA	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	50000	52300		7940	UGL	104.6	.6
ABB-ES	METALS/WATER/ICP	SS18	CA	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	50000	52000		7940	UGL	104.0	.6
			**********												----------	
			avg												104.3	
			minimum												104.0	
			maximum												104.6	
ABB-ES	METALS/WATER/ICP	SS18	CD	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	500	503		8.67	UGL	100.6	.4
ABB-ES	METALS/WATER/ICP	SS18	CD	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	500	501		8.67	UGL	100.2	.4
			**********												----------	
			avg												100.4	
			minimum												100.2	
			maximum												100.6	
ABB-ES	METALS/WATER/ICP	SS18	CO	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	1000	1010	<	50	UGL	101.0	1.4
ABB-ES	METALS/WATER/ICP	SS18	CO	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	1000	996	<	50	UGL	99.6	1.4
			**********												----------	
			avg												100.3	
			minimum												99.6	
			maximum												101.0	

Appendix D-3
Table: D-10
FT. DEVENS DV4 1996
MS/MSD RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
ABB-ES	METALS/WATER/ICP	SS18	CR	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	250	256	<	6.96	UGL	102.4	1.2
ABB-ES	METALS/WATER/ICP	SS18	CR	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	250	253	<	6.96	UGL	101.2	1.2
			**********												----------	
			avg												101.8	
			minimum												101.2	
			maximum												102.4	
ABB-ES	METALS/WATER/ICP	SS18	CU	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	500	521	<	5	UGL	104.2	1.4
ABB-ES	METALS/WATER/ICP	SS18	CU	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	500	514	<	5	UGL	102.8	1.4
			**********												----------	
			avg												103.5	
			minimum												102.8	
			maximum												104.2	
ABB-ES	METALS/WATER/ICP	SS18	FE	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	5000	4800		12400	UGL	96.0	3.0
ABB-ES	METALS/WATER/ICP	SS18	FE	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	5000	4660		12400	UGL	93.2	3.0
			**********												----------	
			avg												94.6	
			minimum												93.2	
			maximum												96.0	
ABB-ES	METALS/WATER/ICP	SS18	K	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	50000	52400		2400	UGL	104.8	1.2
ABB-ES	METALS/WATER/ICP	SS18	K	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	50000	51800		2400	UGL	103.6	1.2
			**********												----------	
			avg												104.2	
			minimum												103.6	
			maximum												104.8	
ABB-ES	METALS/WATER/ICP	SS18	MG	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	50000	52200	<	1000	UGL	104.4	1.0
ABB-ES	METALS/WATER/ICP	SS18	MG	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	50000	51700	<	1000	UGL	103.4	1.0
			**********												----------	
			avg												103.9	
			minimum												103.4	
			maximum												104.4	
ABB-ES	METALS/WATER/ICP	SS18	MN	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	250	245		466	UGL	98.0	3.3
ABB-ES	METALS/WATER/ICP	SS18	MN	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	250	237		466	UGL	94.8	3.3
			**********												----------	
			avg												96.4	

Appendix D-3
Table: D-10
FT. DEVENS DV4 1996
MS/MSD RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
			minimum												94.8	
			maximum												98.0	
ABB-ES	METALS/WATER/ICP	SS18	NA	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	50000	53100	<	2290	UGL	106.2	1.5
ABB-ES	METALS/WATER/ICP	SS18	NA	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	50000	52300	<	2290	UGL	104.6	1.5
			**********												----------	
			avg												105.4	
			minimum												104.6	
			maximum												106.2	
ABB-ES	METALS/WATER/ICP	SS18	NI	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	250	261	<	7.11	UGL	104.4	1.2
ABB-ES	METALS/WATER/ICP	SS18	NI	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	250	258	<	7.11	UGL	103.2	1.2
			**********												----------	
			avg												103.8	
			minimum												103.2	
			maximum												104.4	
ABB-ES	METALS/WATER/ICP	SS18	V	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	250	259	<	4.69	UGL	103.6	1.2
ABB-ES	METALS/WATER/ICP	SS18	V	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	250	256	<	4.69	UGL	102.4	1.2
			**********												----------	
			avg												103.0	
			minimum												102.4	
			maximum												103.6	
ABB-ES	METALS/WATER/ICP	SS18	ZN	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	1000	1010		192	UGL	101.0	.0
ABB-ES	METALS/WATER/ICP	SS18	ZN	57M-95-03X	MX5703X3	DV4W*537	OGDE	02-OCT-96	23-OCT-96	1000	1010		192	UGL	101.0	.0
			**********												----------	
			avg												101.0	
			minimum												101.0	
			maximum												101.0	
ABB-ES	NIT/WATER/TECHNICON	TF22	NIT	57M-95-03X	MX5703X3	DV4W*537	ZGQE	02-OCT-96	22-OCT-96	150	140		158	UGL	94.5	.6
ABB-ES	NIT/WATER/TECHNICON	TF22	NIT	57M-95-03X	MX5703X3	DV4W*537	ZGQE	02-OCT-96	22-OCT-96	150	140		158	UGL	95.1	.6
			**********												----------	
			avg												94.8	
			minimum												94.5	
			maximum												95.1	

Appendix D-3
Table: D-10
FT. DEVENS DV4 1996
MS/MSD RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
ABB-ES	TOTAL NITROGEN/WATER/TECH	TF26	N2KJEL	57M-95-03X	MX5703X3	DV4W*537	SHOB	02-OCT-96	28-OCT-96	4000	4000		324	UGL	100.0	.0
ABB-ES	TOTAL NITROGEN/WATER/TECH	TF26	N2KJEL	57M-95-03X	MX5703X3	DV4W*537	SHOB	02-OCT-96	28-OCT-96	4000	4000		324	UGL	100.0	.0
			**********													
			avg												100.0	
			minimum												100.0	
			maximum												100.0	
ABB-ES	PHOSHATES/WATER/TECHNICON	TF27	PO4	57M-95-03X	MX5703X3	DV4W*537	WHAC	02-OCT-96	22-OCT-96	400	427		16.2	UGL	106.8	11.6
ABB-ES	PHOSHATES/WATER/TECHNICON	TF27	PO4	57M-95-03X	MX5703X3	DV4W*537	WHAC	02-OCT-96	22-OCT-96	400	380		16.2	UGL	95.0	11.6
			**********													
			avg												100.9	
			minimum												95.0	
			maximum												106.8	
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB016	57M-95-03X	MX5703X3	DV4W*537	SDQF	02-OCT-96	13-OCT-96	3.75	4.25	<	.16	UGL	113.3	5.1
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB016	57M-95-03X	MX5703X3	DV4W*537	SDQF	02-OCT-96	13-OCT-96	3.75	4.04	<	.16	UGL	107.7	5.1
			**********													
			avg												110.5	
			minimum												107.7	
			maximum												113.3	
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB260	57M-95-03X	MX5703X3	DV4W*537	SDQF	02-OCT-96	13-OCT-96	3.75	2.65	<	.19	UGL	70.7	17.2
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB260	57M-95-03X	MX5703X3	DV4W*537	SDQF	02-OCT-96	13-OCT-96	3.75	2.23	<	.19	UGL	59.5	17.2
			**********													
			avg												65.1	
			minimum												59.5	
			maximum												70.7	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	AENSLF	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.383	<	.023	UGL	76.6	.3
ABB-ES	PESTICIDES/WATER/GCEC	UH13	AENSLF	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.382	<	.023	UGL	76.4	.3
			**********													
			avg												76.5	
			minimum												76.4	
			maximum												76.6	

Appendix D-3
Table: D-10
FT. DEVENS DV4 1996
MS/MSD RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ALDRN	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.328	<	.0918	UGL	65.6	2.2
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ALDRN	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.321	<	.0918	UGL	64.2	2.2
			**********												----------	
			avg												64.9	
			minimum												64.2	
			maximum												65.6	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	BENSLF	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.424	<	.023	UGL	84.8	.5
ABB-ES	PESTICIDES/WATER/GCEC	UH13	BENSLF	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.422	<	.023	UGL	84.4	.5
			**********												----------	
			avg												84.6	
			minimum												84.4	
			maximum												84.8	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	DLDRN	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.434	<	.024	UGL	86.8	5.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	DLDRN	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.413	<	.024	UGL	82.6	5.0
			**********												----------	
			avg												84.7	
			minimum												82.6	
			maximum												86.8	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRN	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.401	<	.0238	UGL	80.2	1.5
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRN	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.395	<	.0238	UGL	79.0	1.5
			**********												----------	
			avg												79.6	
			minimum												79.0	
			maximum												80.2	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	HPCL	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.341	<	.0423	UGL	68.2	18.9
ABB-ES	PESTICIDES/WATER/GCEC	UH13	HPCL	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.282	<	.0423	UGL	56.4	18.9
			**********												----------	
			avg												62.3	
			minimum												56.4	
			maximum												68.2	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ISODR	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	1	.667	<	.0562	UGL	66.7	.5
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ISODR	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	1	.664	<	.0562	UGL	66.4	.5
			**********												----------	
			avg												66.6	

Appendix D-3
Table: D-10
FT. DEVENS DV4 1996
MS/MSD RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
			minimum												66.4	
			maximum												66.7	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	LIN	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.185	<	.0507	UGL	37.0	2.7
ABB-ES	PESTICIDES/WATER/GCEC	UH13	LIN	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.18	<	.0507	UGL	36.0	2.7
			**********												----------	
			avg												36.5	
			minimum												36.0	
			maximum												37.0	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	MEXCLR	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	1	.846	<	.057	UGL	84.6	2.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	MEXCLR	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	1	.829	<	.057	UGL	82.9	2.0
			**********												----------	
			avg												83.8	
			minimum												82.9	
			maximum												84.6	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDT	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.353	<	.034	UGL	70.6	1.4
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDT	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	.5	.348	<	.034	UGL	69.6	1.4
			**********												----------	
			avg												70.1	
			minimum												69.6	
			maximum												70.6	

APPENDIX D-3
TABLE D-11
ELEMENTS WITH MATRIX SPIKE RECOVERIES IN SOIL
OUTSIDE USEPA CRITERIA

1995 AOC 57 AND 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

ELEMENT	FREQUENCY OF RECOVERY OUTSIDE USEPA CLP LIMITS	RECOVERY RANGE
Mercury	1/2	74.7
Arsenic	2/2	52.7 - 68.1
Manganese	1/2	64.1

Appendix D-3
Table D-12
USEPA CLP Surrogate Recovery Criteria for SVOCS

1995 AOC 57 and 69W Remedial Investigation
Fort Devens, Massachusetts

Surrogate	Percent Recovery Limits for Water	Percent Recovery Limits for Soil
2-Fluorophenol	21% to 100%	25% to 121%
Phenol-D6	10% to 94%	24% to 113%
2,4,6-Tribromophenol	10% to 123%	19% to 122%
Nitrobenzene-D5	35% to 114%	23% to 120%
2-Fluorobiphenyl	43% to 116%	30% to 115%
Terphenyl-D14	33% to 141%	18% to 137%

Appendix D-3
Table: D-13
FT. DEVENS DV4 1996
SEMIVOLATILE SURROGATE RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57E-96-28X	EX572810	DV4S*516	OETK	19-AUG-96	13-SEP-96	6.7	5.2	UGG	77.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57E-96-29X	EX572911	DV4S*517	OETK	20-AUG-96	13-SEP-96	6.7	3.6	UGG	53.7
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57E-96-30X	EX573006	DV4S*518	OETK	20-AUG-96	13-SEP-96	6.7	7	UGG	104.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57E-96-31X	EX573106	DV4S*519	OETK	21-AUG-96	13-SEP-96	6.7	3.6	UGG	53.7
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57B-96-07X	BX570700	DV4S*520	OEWK	28-AUG-96	11-SEP-96	6.7	4.9	UGG	73.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57B-96-07X	BX570705	DV4S*521	OEWK	28-AUG-96	11-SEP-96	6.7	3.1	UGG	46.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57B-96-08X	BX570800	DV4S*522	OEWK	29-AUG-96	11-SEP-96	6.7	6	UGG	89.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57B-96-08X	BX570805	DV4S*523	OEWK	29-AUG-96	11-SEP-96	6.7	5.8	UGG	86.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57B-96-09X	BX570900	DV4S*524	OEWK	29-AUG-96	11-SEP-96	6.7	6.1	UGG	91.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	11-SEP-96	6.7	5.8	UGG	86.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	12-SEP-96	6.7	5.7	UGG	85.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	12-SEP-96	6.7	5.5	UGG	82.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57B-96-10X	BX571005	DV4S*526	OEXK	03-SEP-96	23-SEP-96	6.7	8.6	UGG	128.4
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57B-96-10X	BX571010	DV4S*527	OEXK	03-SEP-96	23-SEP-96	6.7	8.7	UGG	129.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57B-96-11X	BX571105	DV4S*528	OEXK	03-SEP-96	23-SEP-96	6.7	7.9	UGG	117.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	6.7	6.7	UGG	100.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	6.7	6.1	UGG	91.0
			***********										----------
			avg										88.1
			minimum										46.3
			maximum										129.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57E-96-28X	EX572810	DV4S*516	OETK	19-AUG-96	13-SEP-96	3.3	3.5	UGG	106.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57E-96-29X	EX572911	DV4S*517	OETK	20-AUG-96	13-SEP-96	3.3	3.5	UGG	106.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57E-96-30X	EX573006	DV4S*518	OETK	20-AUG-96	13-SEP-96	3.3	4.1	UGG	124.2
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57E-96-31X	EX573106	DV4S*519	OETK	21-AUG-96	13-SEP-96	3.3	3.9	UGG	118.2
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57B-96-07X	BX570700	DV4S*520	OEWK	28-AUG-96	11-SEP-96	3.3	3.2	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57B-96-07X	BX570705	DV4S*521	OEWK	28-AUG-96	11-SEP-96	3.3	3.2	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57B-96-08X	BX570800	DV4S*522	OEWK	29-AUG-96	11-SEP-96	3.3	3.4	UGG	103.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57B-96-08X	BX570805	DV4S*523	OEWK	29-AUG-96	11-SEP-96	3.3	3.4	UGG	103.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57B-96-09X	BX570900	DV4S*524	OEWK	29-AUG-96	11-SEP-96	3.3	3.6	UGG	109.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	11-SEP-96	3.3	3.4	UGG	103.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	12-SEP-96	3.3	3.4	UGG	103.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	12-SEP-96	3.3	3.2	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57B-96-10X	BX571005	DV4S*526	OEXK	03-SEP-96	23-SEP-96	3.3	2.3	UGG	69.7
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57B-96-10X	BX571010	DV4S*527	OEXK	03-SEP-96	23-SEP-96	3.3	2.5	UGG	75.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57B-96-11X	BX571105	DV4S*528	OEXK	03-SEP-96	23-SEP-96	3.3	3.4	UGG	103.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	3.3	2.4	UGG	72.7
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	3.3	2.5	UGG	75.8

Appendix D-3
Table: D-13
FT. DEVENS DV4 1996
SEMIVOLATILE SURROGATE RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
			**********										
			avg										97.9
			minimum										69.7
			maximum										124.2
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57E-96-28X	EX572810	DV4S*516	OETK	19-AUG-96	13-SEP-96	6.7	3.6	UGG	53.7
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57E-96-29X	EX572911	DV4S*517	OETK	20-AUG-96	13-SEP-96	6.7	6.7	UGG	100.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57E-96-30X	EX573006	DV4S*518	OETK	20-AUG-96	13-SEP-96	6.7	8.2	UGG	122.4
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57E-96-31X	EX573106	DV4S*519	OETK	21-AUG-96	13-SEP-96	6.7	4.7	UGG	70.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57B-96-07X	BX570700	DV4S*520	OEWK	28-AUG-96	11-SEP-96	6.7	5.5	UGG	82.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57B-96-07X	BX570705	DV4S*521	OEWK	28-AUG-96	11-SEP-96	6.7	6.2	UGG	92.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57B-96-08X	BX570800	DV4S*522	OEWK	29-AUG-96	11-SEP-96	6.7	6.5	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57B-96-08X	BX570805	DV4S*523	OEWK	29-AUG-96	11-SEP-96	6.7	6.4	UGG	95.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57B-96-09X	BX570900	DV4S*524	OEWK	29-AUG-96	11-SEP-96	6.7	6.9	UGG	103.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	12-SEP-96	6.7	6.7	UGG	100.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	11-SEP-96	6.7	6.5	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	12-SEP-96	6.7	6.3	UGG	94.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57B-96-10X	BX571005	DV4S*526	OEXK	03-SEP-96	23-SEP-96	6.7	6.5	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57B-96-10X	BX571010	DV4S*527	OEXK	03-SEP-96	23-SEP-96	6.7	6.9	UGG	103.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57B-96-11X	BX571105	DV4S*528	OEXK	03-SEP-96	23-SEP-96	6.7	6	UGG	89.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	6.7	5.8	UGG	86.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	6.7	7.3	UGG	109.0
			**********										
			avg										93.7
			minimum										53.7
			maximum										122.4
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57E-96-28X	EX572810	DV4S*516	OETK	19-AUG-96	13-SEP-96	3.3	3	UGG	90.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57E-96-29X	EX572911	DV4S*517	OETK	20-AUG-96	13-SEP-96	3.3	3	UGG	90.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57E-96-30X	EX573006	DV4S*518	OETK	20-AUG-96	13-SEP-96	3.3	2.6	UGG	78.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57E-96-31X	EX573106	DV4S*519	OETK	21-AUG-96	13-SEP-96	3.3	2.7	UGG	81.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57B-96-07X	BX570700	DV4S*520	OEWK	28-AUG-96	11-SEP-96	3.3	3.3	UGG	100.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57B-96-07X	BX570705	DV4S*521	OEWK	28-AUG-96	11-SEP-96	3.3	2.9	UGG	87.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57B-96-08X	BX570800	DV4S*522	OEWK	29-AUG-96	11-SEP-96	3.3	3.6	UGG	109.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57B-96-08X	BX570805	DV4S*523	OEWK	29-AUG-96	11-SEP-96	3.3	3.4	UGG	103.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57B-96-09X	BX570900	DV4S*524	OEWK	29-AUG-96	11-SEP-96	3.3	3.7	UGG	112.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	11-SEP-96	3.3	3.5	UGG	106.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	12-SEP-96	3.3	3.4	UGG	103.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	12-SEP-96	3.3	3.3	UGG	100.0

Appendix D-3
Table: D-13
FT. DEVENS DV4 1996
SEMIVOLATILE SURROGATE RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57B-96-10X	BX571005	DV4S*526	OEXK	03-SEP-96	23-SEP-96	3.3	3.5	UGG	106.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57B-96-10X	BX571010	DV4S*527	OEXK	03-SEP-96	23-SEP-96	3.3	3.5	UGG	106.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57B-96-11X	BX571105	DV4S*528	OEXK	03-SEP-96	23-SEP-96	3.3	3.2	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	3.3	2.7	UGG	81.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	3.3	3.4	UGG	103.0
			**********										----------
			avg										97.5
			minimum										78.8
			maximum										112.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57E-96-28X	EX572810	DV4S*516	OETK	19-AUG-96	13-SEP-96	6.7	4.4	UGG	65.7
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57E-96-29X	EX572911	DV4S*517	OETK	20-AUG-96	13-SEP-96	6.7	6	UGG	89.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57E-96-30X	EX573006	DV4S*518	OETK	20-AUG-96	13-SEP-96	6.7	6	UGG	89.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57E-96-31X	EX573106	DV4S*519	OETK	21-AUG-96	13-SEP-96	6.7	1.2	UGG	17.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57B-96-07X	BX570700	DV4S*520	OEWK	28-AUG-96	11-SEP-96	6.7	4.5	UGG	67.2
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57B-96-07X	BX570705	DV4S*521	OEWK	28-AUG-96	11-SEP-96	6.7	5.4	UGG	80.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57B-96-08X	BX570800	DV4S*522	OEWK	29-AUG-96	11-SEP-96	6.7	6.1	UGG	91.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57B-96-08X	BX570805	DV4S*523	OEWK	29-AUG-96	11-SEP-96	6.7	5.8	UGG	86.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57B-96-09X	BX570900	DV4S*524	OEWK	29-AUG-96	11-SEP-96	6.7	6.3	UGG	94.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	12-SEP-96	6.7	6.4	UGG	95.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	12-SEP-96	6.7	6.2	UGG	92.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	11-SEP-96	6.7	5.9	UGG	88.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57B-96-10X	BX571005	DV4S*526	OEXK	03-SEP-96	23-SEP-96	6.7	6.3	UGG	94.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57B-96-10X	BX571010	DV4S*527	OEXK	03-SEP-96	23-SEP-96	6.7	6.6	UGG	98.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57B-96-11X	BX571105	DV4S*528	OEXK	03-SEP-96	23-SEP-96	6.7	5	UGG	74.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	6.7	5.4	UGG	80.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	6.7	7	UGG	104.5
			**********										----------
			avg										83.0
			minimum										17.9
			maximum										104.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57E-96-28X	EX572810	DV4S*516	OETK	19-AUG-96	13-SEP-96	3.3	3.4	UGG	103.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57E-96-29X	EX572911	DV4S*517	OETK	20-AUG-96	13-SEP-96	3.3	2.2	UGG	66.7
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57E-96-30X	EX573006	DV4S*518	OETK	20-AUG-96	13-SEP-96	3.3	3.3	UGG	100.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57E-96-31X	EX573106	DV4S*519	OETK	21-AUG-96	13-SEP-96	3.3	3.5	UGG	106.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57B-96-07X	BX570700	DV4S*520	OEWK	28-AUG-96	11-SEP-96	3.3	3	UGG	90.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57B-96-07X	BX570705	DV4S*521	OEWK	28-AUG-96	11-SEP-96	3.3	3.2	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57B-96-08X	BX570800	DV4S*522	OEWK	29-AUG-96	11-SEP-96	3.3	3.7	UGG	112.1

Appendix D-3
Table: D-13
FT. DEVENS DV4 1996
SEMIVOLATILE SURROGATE RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57B-96-08X	BX570805	DV4S*523	OEWK	29-AUG-96	11-SEP-96	3.3	3.6	UGG	109.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57B-96-09X	BX570900	DV4S*524	OEWK	29-AUG-96	11-SEP-96	3.3	3.7	UGG	112.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	11-SEP-96	3.3	3.6	UGG	109.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	12-SEP-96	3.3	3.4	UGG	103.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57B-96-09X	BX570905	DV4S*525	OEWK	29-AUG-96	12-SEP-96	3.3	3.2	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57B-96-10X	BX571005	DV4S*526	OEXK	03-SEP-96	23-SEP-96	3.3	3	UGG	90.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57B-96-10X	BX571010	DV4S*527	OEXK	03-SEP-96	23-SEP-96	3.3	3.2	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57B-96-11X	BX571105	DV4S*528	OEXK	03-SEP-96	23-SEP-96	3.3	4.1	UGG	124.2
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	3.3	2.8	UGG	84.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	3.3	3.2	UGG	97.0
			**********										
			avg										100.0
			minimum										66.7
			maximum										124.2
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	100	88	UGL	88.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57M-96-13X	MX5713X1	DV4W*307	WDIM	02-OCT-96	08-OCT-96	100	89	UGL	89.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57M-96-09X	MX5709X1	DV4W*533	WDIM	01-OCT-96	08-OCT-96	100	86	UGL	86.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57M-96-10X	MX5710X1	DV4W*534	WDOM	02-OCT-96	16-OCT-96	100	63	UGL	63.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	100	77	UGL	77.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	G3M-92-07X	MXG307X3	DV4W*536	WDIM	01-OCT-96	08-OCT-96	100	81	UGL	81.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57M-95-03X	MX5703X3	DV4W*537	WDIM	02-OCT-96	09-OCT-96	100	74	UGL	74.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	SBK-96-540	SBK96540	DV4W*540	WDDM	03-SEP-96	13-SEP-96	100	73	UGL	73.0
			**********										
			avg										78.9
			minimum										63.0
			maximum										89.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	50	47	UGL	94.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57M-96-13X	MX5713X1	DV4W*307	WDIM	02-OCT-96	08-OCT-96	50	47	UGL	94.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57M-96-09X	MX5709X1	DV4W*533	WDIM	01-OCT-96	08-OCT-96	50	47	UGL	94.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57M-96-10X	MX5710X1	DV4W*534	WDOM	02-OCT-96	16-OCT-96	50	36	UGL	72.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	50	41	UGL	82.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	G3M-92-07X	MXG307X3	DV4W*536	WDIM	01-OCT-96	08-OCT-96	50	44	UGL	88.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57M-95-03X	MX5703X3	DV4W*537	WDIM	02-OCT-96	09-OCT-96	50	40	UGL	80.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	SBK-96-540	SBK96540	DV4W*540	WDDM	03-SEP-96	13-SEP-96	50	39	UGL	78.0
			**********										
			avg										85.3

Appendix D-3
Table: D-13
FT. DEVENS DV4 1996
SEMIVOLATILE SURROGATE RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
			minimum										72.0
			maximum										94.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	100	55	UGL	55.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57M-96-13X	MX5713X1	DV4W*307	WDIM	02-OCT-96	08-OCT-96	100	59	UGL	59.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57M-96-09X	MX5709X1	DV4W*533	WDIM	01-OCT-96	08-OCT-96	100	58	UGL	58.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57M-96-10X	MX5710X1	DV4W*534	WDOM	02-OCT-96	16-OCT-96	100	35	UGL	35.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	100	45	UGL	45.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	G3M-92-07X	MXG307X3	DV4W*536	WDIM	01-OCT-96	08-OCT-96	100	57	UGL	57.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57M-95-03X	MX5703X3	DV4W*537	WDIM	02-OCT-96	09-OCT-96	100	51	UGL	51.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	SBK-96-540	SBK96540	DV4W*540	WDDM	03-SEP-96	13-SEP-96	100	53	UGL	53.0
			**********										----------
			avg										51.6
			minimum										35.0
			maximum										59.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	50	42	UGL	84.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57M-96-13X	MX5713X1	DV4W*307	WDIM	02-OCT-96	08-OCT-96	50	42	UGL	84.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57M-96-09X	MX5709X1	DV4W*533	WDIM	01-OCT-96	08-OCT-96	50	43	UGL	86.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57M-96-10X	MX5710X1	DV4W*534	WDOM	02-OCT-96	16-OCT-96	50	35	UGL	70.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	50	33	UGL	66.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	G3M-92-07X	MXG307X3	DV4W*536	WDIM	01-OCT-96	08-OCT-96	50	39	UGL	78.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57M-95-03X	MX5703X3	DV4W*537	WDIM	02-OCT-96	09-OCT-96	50	36	UGL	72.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	SBK-96-540	SBK96540	DV4W*540	WDDM	03-SEP-96	13-SEP-96	50	38	UGL	76.0
			**********										----------
			avg										77.0
			minimum										66.0
			maximum										86.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	100	42	UGL	42.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57M-96-13X	MX5713X1	DV4W*307	WDIM	02-OCT-96	08-OCT-96	100	44	UGL	44.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57M-96-09X	MX5709X1	DV4W*533	WDIM	01-OCT-96	08-OCT-96	100	42	UGL	42.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57M-96-10X	MX5710X1	DV4W*534	WDOM	02-OCT-96	16-OCT-96	100	36	UGL	36.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	100	36	UGL	36.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	G3M-92-07X	MXG307X3	DV4W*536	WDIM	01-OCT-96	08-OCT-96	100	40	UGL	40.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57M-95-03X	MX5703X3	DV4W*537	WDIM	02-OCT-96	09-OCT-96	100	36	UGL	36.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	SBK-96-540	SBK96540	DV4W*540	WDDM	03-SEP-96	13-SEP-96	100	36	UGL	36.0
			**********										----------
			avg										39.0

Appendix D-3
Table: D-13
FT. DEVENS DV4 1996
SEMIVOLATILE SURROGATE RESULTS

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
			minimum										36.0
			maximum										44.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	50	40	UGL	80.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57M-96-13X	MX5713X1	DV4W*307	WDIM	02-OCT-96	08-OCT-96	50	47	UGL	94.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57M-96-09X	MX5709X1	DV4W*533	WDIM	01-OCT-96	08-OCT-96	50	47	UGL	94.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57M-96-10X	MX5710X1	DV4W*534	WDOM	02-OCT-96	16-OCT-96	50	38	UGL	76.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	50	37	UGL	74.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	G3M-92-07X	MXG307X3	DV4W*536	WDIM	01-OCT-96	08-OCT-96	50	45	UGL	90.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57M-95-03X	MX5703X3	DV4W*537	WDIM	02-OCT-96	09-OCT-96	50	35	UGL	70.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	SBK-96-540	SBK96540	DV4W*540	WDDM	03-SEP-96	13-SEP-96	50	45	UGL	90.0
			**********										----------
			avg										83.5
			minimum										70.0
			maximum										94.0

Appendix D-3
Table: D-14
FT. DEVENS DV4 1996
VOLATILE SURROGATES

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57E-96-28X	EX572810	DV4S*516	YGNK	19-AUG-96	30-AUG-96	.05	.051	UGG	102.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57E-96-29X	EX572911	DV4S*517	YGMK	20-AUG-96	30-AUG-96	.05	.049	UGG	98.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57E-96-30X	EX573006	DV4S*518	YGNK	20-AUG-96	30-AUG-96	.05	.05	UGG	100.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57E-96-31X	EX573106	DV4S*519	YGMK	21-AUG-96	30-AUG-96	.05	.052	UGG	104.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57B-96-07X	BX570700	DV4S*520	YGRK	28-AUG-96	11-SEP-96	.05	.052	UGG	104.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57B-96-10X	BX571005	DV4S*526	YGRK	03-SEP-96	12-SEP-96	.05	.053	UGG	106.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57B-96-10X	BX571010	DV4S*527	YGRK	03-SEP-96	11-SEP-96	.05	.063	UGG	126.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57B-96-11X	BX571105	DV4S*528	YGRK	03-SEP-96	11-SEP-96	.05	.053	UGG	106.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	.05	.053	UGG	106.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	.05	.053	UGG	106.0
			**********										----------
			avg										105.8
			minimum										98.0
			maximum										126.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57E-96-28X	EX572810	DV4S*516	YGNK	19-AUG-96	30-AUG-96	.05	.088	UGG	176.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57E-96-29X	EX572911	DV4S*517	YGMK	20-AUG-96	30-AUG-96	.05	.048	UGG	96.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57E-96-30X	EX573006	DV4S*518	YGNK	20-AUG-96	30-AUG-96	.05	.091	UGG	182.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57E-96-31X	EX573106	DV4S*519	YGMK	21-AUG-96	30-AUG-96	.05	.044	UGG	88.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57B-96-07X	BX570700	DV4S*520	YGRK	28-AUG-96	11-SEP-96	.05	.035	UGG	70.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57B-96-10X	BX571005	DV4S*526	YGRK	03-SEP-96	12-SEP-96	.05	.045	UGG	90.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57B-96-10X	BX571010	DV4S*527	YGRK	03-SEP-96	11-SEP-96	.05	.046	UGG	92.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57B-96-11X	BX571105	DV4S*528	YGRK	03-SEP-96	11-SEP-96	.05	.047	UGG	94.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	.05	.041	UGG	82.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	.05	.047	UGG	94.0
			**********										----------
			avg										106.4
			minimum										70.0
			maximum										182.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57E-96-28X	EX572810	DV4S*516	YGNK	19-AUG-96	30-AUG-96	.05	.053	UGG	106.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57E-96-29X	EX572911	DV4S*517	YGMK	20-AUG-96	30-AUG-96	.05	.05	UGG	100.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57E-96-30X	EX573006	DV4S*518	YGNK	20-AUG-96	30-AUG-96	.05	.057	UGG	114.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57E-96-31X	EX573106	DV4S*519	YGMK	21-AUG-96	30-AUG-96	.05	.058	UGG	116.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57B-96-07X	BX570700	DV4S*520	YGRK	28-AUG-96	11-SEP-96	.05	.052	UGG	104.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57B-96-10X	BX571005	DV4S*526	YGRK	03-SEP-96	12-SEP-96	.05	.045	UGG	90.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57B-96-10X	BX571010	DV4S*527	YGRK	03-SEP-96	11-SEP-96	.05	.047	UGG	94.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57B-96-11X	BX571105	DV4S*528	YGRK	03-SEP-96	11-SEP-96	.05	.049	UGG	98.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	.05	.048	UGG	96.0

Appendix D-3
Table: D-14
FT. DEVENS DV4 1996
VOLATILE SURROGATES

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	.05	.047	UGG	94.0
			**********										
			avg										101.2
			minimum										90.0
			maximum										116.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57M-96-12X	MX5712X1	DV4W*306	XDLS	02-OCT-96	09-OCT-96	50	50	UGL	100.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57M-96-13X	MX5713X1	DV4W*307	XDLS	02-OCT-96	09-OCT-96	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57M-96-09X	MX5709X1	DV4W*533	XDLS	01-OCT-96	09-OCT-96	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57M-96-10X	MX5710X1	DV4W*534	XDKS	02-OCT-96	09-OCT-96	50	52	UGL	104.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	G3M-92-07X	MXG307X3	DV4W*536	XDLS	01-OCT-96	09-OCT-96	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57M-95-03X	MX5703X3	DV4W*537	XDMS	02-OCT-96	10-OCT-96	50	53	UGL	106.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57M-95-03X	MX5703X3	DV4W*537	XDMS	02-OCT-96	10-OCT-96	50	52	UGL	104.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57M-95-03X	MX5703X3	DV4W*537	XDMS	02-OCT-96	10-OCT-96	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	TBK-96-561	TBK96561	DV4W*561	XDVR	22-AUG-96	30-AUG-96	50	50	UGL	100.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	TBK-95-565	TBK96565	DV4W*565	XDLS	02-OCT-96	09-OCT-96	50	51	UGL	102.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	TBK-96-197	TBK96197	DV5W*197	XDKS	03-OCT-96	09-OCT-96	50	53	UGL	106.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	XSA-96-16X	XXSA1650	DV5W*238	XDLS	01-OCT-96	09-OCT-96	50	50	UGL	100.0
			**********										
			avg										100.7
			minimum										98.0
			maximum										106.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	50	47	UGL	94.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57M-96-12X	MX5712X1	DV4W*306	XDLS	02-OCT-96	09-OCT-96	50	47	UGL	94.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57M-96-13X	MX5713X1	DV4W*307	XDLS	02-OCT-96	09-OCT-96	50	47	UGL	94.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57M-96-09X	MX5709X1	DV4W*533	XDLS	01-OCT-96	09-OCT-96	50	46	UGL	92.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57M-96-10X	MX5710X1	DV4W*534	XDKS	02-OCT-96	09-OCT-96	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	50	48	UGL	96.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	G3M-92-07X	MXG307X3	DV4W*536	XDLS	01-OCT-96	09-OCT-96	50	44	UGL	88.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57M-95-03X	MX5703X3	DV4W*537	XDMS	02-OCT-96	10-OCT-96	50	53	UGL	106.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57M-95-03X	MX5703X3	DV4W*537	XDMS	02-OCT-96	10-OCT-96	50	52	UGL	104.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57M-95-03X	MX5703X3	DV4W*537	XDMS	02-OCT-96	10-OCT-96	50	52	UGL	104.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	TBK-96-561	TBK96561	DV4W*561	XDVR	22-AUG-96	30-AUG-96	50	45	UGL	90.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	TBK-95-565	TBK96565	DV4W*565	XDLS	02-OCT-96	09-OCT-96	50	46	UGL	92.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	TBK-96-197	TBK96197	DV5W*197	XDKS	03-OCT-96	09-OCT-96	50	51	UGL	102.0

Appendix D-3
Table: D-14
FT. DEVENS DV4 1996
VOLATILE SURROGATES

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	XSA-96-16X	XXSA1650	DV5W*238	XDLS	01-OCT-96	09-OCT-96	50	46	UGL	92.0
			**********										
			avg										96.1
			minimum										88.0
			maximum										106.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	50	47	UGL	94.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57M-96-12X	MX5712X1	DV4W*306	XDLS	02-OCT-96	09-OCT-96	50	46	UGL	92.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57M-96-13X	MX5713X1	DV4W*307	XDLS	02-OCT-96	09-OCT-96	50	46	UGL	92.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57M-96-09X	MX5709X1	DV4W*533	XDLS	01-OCT-96	09-OCT-96	50	48	UGL	96.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57M-96-10X	MX5710X1	DV4W*534	XDKS	02-OCT-96	09-OCT-96	50	47	UGL	94.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	50	47	UGL	94.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	G3M-92-07X	MXG307X3	DV4W*536	XDLS	01-OCT-96	09-OCT-96	50	47	UGL	94.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57M-95-03X	MX5703X3	DV4W*537	XDMS	02-OCT-96	10-OCT-96	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57M-95-03X	MX5703X3	DV4W*537	XDMS	02-OCT-96	10-OCT-96	50	48	UGL	96.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57M-95-03X	MX5703X3	DV4W*537	XDMS	02-OCT-96	10-OCT-96	50	47	UGL	94.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	TBK-96-561	TBK96561	DV4W*561	XDVR	22-AUG-96	30-AUG-96	50	48	UGL	96.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	TBK-95-565	TBK96565	DV4W*565	XDLS	02-OCT-96	09-OCT-96	50	46	UGL	92.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	TBK-96-197	TBK96197	DV5W*197	XDKS	03-OCT-96	09-OCT-96	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	XSA-96-16X	XXSA1650	DV5W*238	XDLS	01-OCT-96	09-OCT-96	50	47	UGL	94.0
			**********										
			avg										94.6
			minimum										92.0
			maximum										98.0

APPENDIX D-3
TABLE D-15
USEPA CLP SURROGATE RECOVERY CRITERIA FOR VOCS

1995 AOC 57 AND 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

SURROGATE	PERCENT RECOVERY LIMITS FOR WATER	PERCENT RECOVERY LIMITS FOR SOIL
1,2-Dichloroethane-D4	76% to 114%	70% to 121%
4-Bromofluorobenzene	86% to 115%	74% to 121%
Toluene-D8	88% to 110%	81% to 117%

Appendix D-3
Table: D-16
FT. DEVENS DV4 1996
PEST/PCB SURROGATE RECOVERIES

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57E-96-28X	EX572810	DV4S*516	UFOF	19-AUG-96	26-SEP-96	.0667	.0272	UGG	40.8
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57E-96-29X	EX572911	DV4S*517	UFOF	20-AUG-96	26-SEP-96	.0667	.0378	UGG	56.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57E-96-30X	EX573006	DV4S*518	UFOF	20-AUG-96	26-SEP-96	.0667	.0483	UGG	72.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57E-96-31X	EX573106	DV4S*519	UFOF	21-AUG-96	26-SEP-96	.0667	.0774	UGG	116.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57B-96-07X	BX570700	DV4S*520	UFQF	28-AUG-96	01-OCT-96	.0667	.056	UGG	84.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57B-96-07X	BX570705	DV4S*521	UFQF	28-AUG-96	01-OCT-96	.0667	.0498	UGG	74.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57B-96-08X	BX570800	DV4S*522	UFQF	29-AUG-96	01-OCT-96	.0667	.0844	UGG	126.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57B-96-08X	BX570805	DV4S*523	UFQF	29-AUG-96	01-OCT-96	.0667	.0977	UGG	146.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57B-96-09X	BX570900	DV4S*524	UFQF	29-AUG-96	01-OCT-96	.0667	.0862	UGG	129.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57B-96-09X	BX570905	DV4S*525	UFQF	29-AUG-96	01-OCT-96	.0667	.1	UGG	149.9
			**********										
			avg										99.7
			minimum										40.8
			maximum										149.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57E-96-28X	EX572810	DV4S*516	UFOF	19-AUG-96	26-SEP-96	.0667	.0301	UGG	45.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57E-96-29X	EX572911	DV4S*517	UFOF	20-AUG-96	26-SEP-96	.0667	.045	UGG	67.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57E-96-30X	EX573006	DV4S*518	UFOF	20-AUG-96	26-SEP-96	.0667	.048	UGG	72.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57E-96-31X	EX573106	DV4S*519	UFOF	21-AUG-96	26-SEP-96	.0667	.0685	UGG	102.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57B-96-07X	BX570700	DV4S*520	UFQF	28-AUG-96	01-OCT-96	.0667	.0589	UGG	88.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57B-96-07X	BX570705	DV4S*521	UFQF	28-AUG-96	01-OCT-96	.0667	.0487	UGG	73.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57B-96-08X	BX570800	DV4S*522	UFQF	29-AUG-96	01-OCT-96	.0667	.0673	UGG	100.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57B-96-08X	BX570805	DV4S*523	UFQF	29-AUG-96	01-OCT-96	.0667	.0713	UGG	106.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57B-96-09X	BX570900	DV4S*524	UFQF	29-AUG-96	01-OCT-96	.0667	.0603	UGG	90.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57B-96-09X	BX570905	DV4S*525	UFQF	29-AUG-96	01-OCT-96	.0667	.0672	UGG	100.7
			**********										
			avg										84.8
			minimum										45.1
			maximum										106.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57E-96-28X	EX572810	DV4S*516	NGHH	19-AUG-96	01-OCT-96	.0667	.01	UGG	15.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57E-96-29X	EX572911	DV4S*517	NGHH	20-AUG-96	30-SEP-96	.0667	.0557	UGG	83.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57E-96-30X	EX573006	DV4S*518	NGHH	20-AUG-96	30-SEP-96	.0667	.01	UGG	15.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57E-96-31X	EX573106	DV4S*519	NGHH	21-AUG-96	30-SEP-96	.0667	.0131	UGG	19.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57B-96-07X	BX570700	DV4S*520	NGJH	28-AUG-96	10-OCT-96	.0667	.0651	UGG	97.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57B-96-07X	BX570705	DV4S*521	NGJH	28-AUG-96	10-OCT-96	.0667	.0889	UGG	133.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57B-96-08X	BX570800	DV4S*522	NGJH	29-AUG-96	10-OCT-96	.0667	.0961	UGG	144.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57B-96-08X	BX570805	DV4S*523	NGJH	29-AUG-96	10-OCT-96	.0667	.105	UGG	157.4

Appendix D-3
Table: D-16
FT. DEVENS DV4 1996
PEST/PCB SURROGATE RECOVERIES

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57B-96-09X	BX570900	DV4S*524	NGJH	29-AUG-96	10-OCT-96	.0667	.0815	UGG	122.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57B-96-09X	BX570905	DV4S*525	NGJH	29-AUG-96	10-OCT-96	.0667	.103	UGG	154.4
			**********										
			avg										94.2
			minimum										15.0
			maximum										157.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57E-96-28X	EX572810	DV4S*516	NGHH	19-AUG-96	01-OCT-96	.0667	.0468	UGG	70.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57E-96-29X	EX572911	DV4S*517	NGHH	20-AUG-96	30-SEP-96	.0667	.0491	UGG	73.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57E-96-30X	EX573006	DV4S*518	NGHH	20-AUG-96	30-SEP-96	.0667	.0541	UGG	81.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57E-96-31X	EX573106	DV4S*519	NGHH	21-AUG-96	30-SEP-96	.0667	.069	UGG	103.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57B-96-07X	BX570700	DV4S*520	NGJH	28-AUG-96	10-OCT-96	.0667	.0455	UGG	68.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57B-96-07X	BX570705	DV4S*521	NGJH	28-AUG-96	10-OCT-96	.0667	.0708	UGG	106.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57B-96-08X	BX570800	DV4S*522	NGJH	29-AUG-96	10-OCT-96	.0667	.122	UGG	182.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57B-96-08X	BX570805	DV4S*523	NGJH	29-AUG-96	10-OCT-96	.0667	.114	UGG	170.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57B-96-09X	BX570900	DV4S*524	NGJH	29-AUG-96	10-OCT-96	.0667	.0897	UGG	134.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57B-96-09X	BX570905	DV4S*525	NGJH	29-AUG-96	10-OCT-96	.0667	.105	UGG	157.4
			**********										
			avg										114.8
			minimum										68.2
			maximum										182.9
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57M-96-11X	MD5711X1	DV4W*305	SDQF	02-OCT-96	13-OCT-96	1.25	.23	UGL	18.4
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57M-96-12X	MX5712X1	DV4W*306	SDQF	02-OCT-96	14-OCT-96	1.25	.223	UGL	17.8
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57M-96-13X	MX5713X1	DV4W*307	SDQF	02-OCT-96	14-OCT-96	1.25	.832	UGL	66.6
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57M-96-09X	MX5709X1	DV4W*533	SDQF	01-OCT-96	14-OCT-96	1.25	.39	UGL	31.2
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57M-96-11X	MX5711X1	DV4W*535	SDQF	02-OCT-96	14-OCT-96	1.25	.174	UGL	13.9
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	G3M-92-07X	MXG307X3	DV4W*536	SDQF	01-OCT-96	14-OCT-96	1.25	.757	UGL	60.6
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57M-95-03X	MX5703X3	DV4W*537	SDQF	02-OCT-96	14-OCT-96	1.25	1.15	UGL	92.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57M-95-03X	MX5703X3	DV4W*537	SDQF	02-OCT-96	13-OCT-96	1.25	.583	UGL	46.6
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57M-95-03X	MX5703X3	DV4W*537	SDQF	02-OCT-96	13-OCT-96	1.25	.491	UGL	39.3
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	SBK-96-540	SBK96540	DV4W*540	SDOF	03-SEP-96	26-SEP-96	1.25	1.07	UGL	85.6
			**********										
			avg										47.2
			minimum										13.9
			maximum										92.0

Appendix D-3
Table: D-16
FT. DEVENS DV4 1996
PEST/PCB SURROGATE RECOVERIES

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	1.25	.202	UGL	16.2
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57M-96-12X	MX5712X1	DV4W*306	TDBG	02-OCT-96	31-OCT-96	1.25	.748	UGL	59.8
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57M-96-13X	MX5713X1	DV4W*307	TDBG	02-OCT-96	31-OCT-96	1.25	.357	UGL	28.6
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57M-96-09X	MX5709X1	DV4W*533	TDBG	01-OCT-96	31-OCT-96	1.25	.761	UGL	60.9
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57M-96-10X	MX5710X1	DV4W*534	TDEG	02-OCT-96	31-OCT-96	1.25	1.06	UGL	84.8
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	1.25	.183	UGL	14.6
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	G3M-92-07X	MXG307X3	DV4W*536	TDBG	01-OCT-96	31-OCT-96	1.25	1.06	UGL	84.8
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	31-OCT-96	1.25	.513	UGL	41.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	1.25	.34	UGL	27.2
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	1.25	.306	UGL	24.5
			**********										
			avg										44.2
			minimum										14.6
			maximum										84.8
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	1.25	1.12	UGL	89.6
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57M-96-12X	MX5712X1	DV4W*306	TDBG	02-OCT-96	31-OCT-96	1.25	1.03	UGL	82.4
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57M-96-13X	MX5713X1	DV4W*307	TDBG	02-OCT-96	31-OCT-96	1.25	1.04	UGL	83.2
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57M-96-09X	MX5709X1	DV4W*533	TDBG	01-OCT-96	31-OCT-96	1.25	1.23	UGL	98.4
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57M-96-10X	MX5710X1	DV4W*534	TDEG	02-OCT-96	31-OCT-96	1.25	.94	UGL	75.2
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	1.25	1.1	UGL	88.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	G3M-92-07X	MXG307X3	DV4W*536	TDBG	01-OCT-96	31-OCT-96	1.25	1.02	UGL	81.6
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	31-OCT-96	1.25	.923	UGL	73.8
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	1.25	.848	UGL	67.8
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57M-95-03X	MX5703X3	DV4W*537	TDBG	02-OCT-96	30-OCT-96	1.25	.836	UGL	66.9
			**********										
			avg										80.7
			minimum										66.9
			maximum										98.4

APPENDIX D-3
TABLE D-17
USEPA CLP SPIKE PRECISION CRITERIA FOR PESTICIDES

1995 AOC 57 AND 69W REMEDIAL INVESTIGATION
FORT DEVENS, MASSACHUSETTS

SPIKE COMPOUND	RPD LIMITS FOR WATER
Lindane (gamma-BHC)	15
Heptachlor	20
Aldrin	22
Dieldrin	18
Endrin	21
4,4-DDT	27

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES		1302	HARD	57M-96-11X	MX5711X1	DV4W*535	ZKGN	02-OCT-96	14-OCT-96		1.610E+09	UGL	34.2
ABB-ES		1302	HARD	57M-96-11X	MD5711X1	DV4W*305	ZKGN	02-OCT-96	14-OCT-96		1.140E+09	UGL	34.2
ABB-ES		1302	HARD	ZWM-96-19X	MDZW19X1	DV4W*304	ZKGN	30-SEP-96	14-OCT-96		85000000	UGL	3.1
ABB-ES		1302	HARD	ZWM-96-19X	MXZW19X1	DV4W*510	ZKGN	30-SEP-96	14-OCT-96		82400000	UGL	3.1
ABB-ES		1602	TSS	57M-96-11X	MX5711X1	DV4W*535	ZKJM	02-OCT-96	07-OCT-96		26000	UGL	3.9
ABB-ES		1602	TSS	57M-96-11X	MD5711X1	DV4W*305	ZKJM	02-OCT-96	07-OCT-96		25000	UGL	3.9
ABB-ES		1602	TSS	ZWM-96-19X	MDZW19X1	DV4W*304	ZKJM	30-SEP-96	07-OCT-96		8000	UGL	66.7
ABB-ES		1602	TSS	ZWM-96-19X	MXZW19X1	DV4W*510	ZKJM	30-SEP-96	07-OCT-96	<	4000	UGL	66.7
ABB-ES		4181	TPHC	57M-96-11X	MD5711X1	DV4W*305	ZKEO	02-OCT-96	22-OCT-96	<	169000	UGL	1.2
ABB-ES		4181	TPHC	57M-96-11X	MX5711X1	DV4W*535	ZKEO	02-OCT-96	22-OCT-96	<	167000	UGL	1.2
ABB-ES		4181	TPHC	ZWM-96-19X	MXZW19X1	DV4W*510	ZKEO	30-SEP-96	22-OCT-96	<	174000	UGL	2.3
ABB-ES		4181	TPHC	ZWM-96-19X	MDZW19X1	DV4W*304	ZKEO	30-SEP-96	22-OCT-96	<	170000	UGL	2.3
ABB-ES		8015	DIESEL	57B-96-11X	BX571110	DV4S*529	QEIV	03-SEP-96	17-SEP-96	<	7.98	UGG	.0
ABB-ES		8015	DIESEL	57B-96-11X	BD571110	DV4S*539	QEIV	03-SEP-96	17-SEP-96	<	7.98	UGG	.0
ABB-ES		8015	TPHAVG	57B-96-11X	BD571110	DV4S*539	QEIV	03-SEP-96	17-SEP-96	<	8	UGG	.0
ABB-ES		8015	TPHAVG	57B-96-11X	BX571110	DV4S*529	QEIV	03-SEP-96	17-SEP-96	<	8	UGG	.0
ABB-ES		8015	TPHGAS	57B-96-11X	BD571110	DV4S*539	QEIV	03-SEP-96	17-SEP-96	<	8	UGG	.0
ABB-ES		8015	TPHGAS	57B-96-11X	BX571110	DV4S*529	QEIV	03-SEP-96	17-SEP-96	<	8	UGG	.0
ABB-ES		8015	TPHMO	57B-96-11X	BX571110	DV4S*529	QEIV	03-SEP-96	17-SEP-96	<	50	UGG	.0
ABB-ES		8015	TPHMO	57B-96-11X	BD571110	DV4S*539	QEIV	03-SEP-96	17-SEP-96	<	50	UGG	.0
ABB-ES		9071	TPHC	57B-96-11X	BD571110	DV4S*539	ZENO	03-SEP-96	25-SEP-96		35.4	UGG	24.1
ABB-ES		9071	TPHC	57B-96-11X	BX571110	DV4S*529	ZENO	03-SEP-96	25-SEP-96	<	27.8	UGG	24.1
ABB-ES		9071	TPHC	ZWB-96-03X	BXZW0306	DV4S*500	ZELO	23-AUG-96	18-SEP-96		57.5	UGG	93.4
ABB-ES		9071	TPHC	ZWB-96-03X	BDZW0306	DV4S*538	ZELO	23-AUG-96	18-SEP-96	<	20.9	UGG	93.4

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	METALS/SOIL/CVAA	JB01	HG	57B-96-11X	BX571110	DV4S*529	QHDH	03-SEP-96	15-SEP-96	<	.05	UGG	.0
ABB-ES	METALS/SOIL/CVAA	JB01	HG	57B-96-11X	BD571110	DV4S*539	QHDH	03-SEP-96	15-SEP-96	<	.05	UGG	.0
ABB-ES	METALS/SOIL/GFAA	JD15	SE	57B-96-11X	BX571110	DV4S*529	MBCG	03-SEP-96	24-SEP-96	<	.25	UGG	.0
ABB-ES	METALS/SOIL/GFAA	JD15	SE	57B-96-11X	BD571110	DV4S*539	MBCG	03-SEP-96	24-SEP-96	<	.25	UGG	.0
ABB-ES	METALS/SOIL/GFAA	JD17	PB	57B-96-11X	BX571110	DV4S*529	OBBG	03-SEP-96	24-SEP-96		2.05	UGG	7.1
ABB-ES	METALS/SOIL/GFAA	JD17	PB	57B-96-11X	BD571110	DV4S*539	OBBG	03-SEP-96	24-SEP-96		1.91	UGG	7.1
ABB-ES	METALS/SOIL/GFAA	JD19	AS	57B-96-11X	BD571110	DV4S*539	QBLG	03-SEP-96	25-SEP-96		5.17	UGG	7.4
ABB-ES	METALS/SOIL/GFAA	JD19	AS	57B-96-11X	BX571110	DV4S*529	QBLG	03-SEP-96	25-SEP-96		4.8	UGG	7.4
ABB-ES	METALS/SOIL/FURNACE	JD24	TL	57B-96-11X	BX571110	DV4S*529	RBSB	03-SEP-96	24-SEP-96	<	.5	UGG	.0
ABB-ES	METALS/SOIL/FURNACE	JD24	TL	57B-96-11X	BD571110	DV4S*539	RBSB	03-SEP-96	24-SEP-96	<	.5	UGG	.0
ABB-ES	METALS/SOIL/FURNACE	JD25	SB	57B-96-11X	BX571110	DV4S*529	SBXB	03-SEP-96	23-SEP-96	<	1.09	UGG	.0
ABB-ES	METALS/SOIL/FURNACE	JD25	SB	57B-96-11X	BD571110	DV4S*539	SBXB	03-SEP-96	23-SEP-96	<	1.09	UGG	.0
ABB-ES	METALS/SOIL/ICP	JS16	AG	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96	<	.589	UGG	.0
ABB-ES	METALS/SOIL/ICP	JS16	AG	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96	<	.589	UGG	.0
ABB-ES	METALS/SOIL/ICP	JS16	AL	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96		3940	UGG	15.6
ABB-ES	METALS/SOIL/ICP	JS16	AL	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96		3370	UGG	15.6
ABB-ES	METALS/SOIL/ICP	JS16	BA	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96		15.5	UGG	16.0
ABB-ES	METALS/SOIL/ICP	JS16	BA	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96		13.2	UGG	16.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	METALS/SOIL/ICP	JS16	BE	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96	<	.5	UGG	.0
ABB-ES	METALS/SOIL/ICP	JS16	BE	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96	<	.5	UGG	.0
ABB-ES	METALS/SOIL/ICP	JS16	CA	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96		1380	UGG	78.5
ABB-ES	METALS/SOIL/ICP	JS16	CA	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96		602	UGG	78.5
ABB-ES	METALS/SOIL/ICP	JS16	CD	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96	<	.7	UGG	.0
ABB-ES	METALS/SOIL/ICP	JS16	CD	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96	<	.7	UGG	.0
ABB-ES	METALS/SOIL/ICP	JS16	CO	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96		1.97	UGG	32.4
ABB-ES	METALS/SOIL/ICP	JS16	CO	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96	<	1.42	UGG	32.4
ABB-ES	METALS/SOIL/ICP	JS16	CR	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96		6.04	UGG	39.4
ABB-ES	METALS/SOIL/ICP	JS16	CR	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96	<	4.05	UGG	39.4
ABB-ES	METALS/SOIL/ICP	JS16	CU	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96		4.97	UGG	15.4
ABB-ES	METALS/SOIL/ICP	JS16	CU	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96		4.26	UGG	15.4
ABB-ES	METALS/SOIL/ICP	JS16	FE	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96		5010	UGG	4.5
ABB-ES	METALS/SOIL/ICP	JS16	FE	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96		4790	UGG	4.5
ABB-ES	METALS/SOIL/ICP	JS16	K	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96		742	UGG	24.2
ABB-ES	METALS/SOIL/ICP	JS16	K	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96		582	UGG	24.2
ABB-ES	METALS/SOIL/ICP	JS16	MG	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96		1190	UGG	18.4
ABB-ES	METALS/SOIL/ICP	JS16	MG	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96		989	UGG	18.4
ABB-ES	METALS/SOIL/ICP	JS16	MN	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96		57.8	UGG	3.0
ABB-ES	METALS/SOIL/ICP	JS16	MN	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96		56.1	UGG	3.0
ABB-ES	METALS/SOIL/ICP	JS16	NA	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96		542	UGG	1.3
ABB-ES	METALS/SOIL/ICP	JS16	NA	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96		535	UGG	1.3
ABB-ES	METALS/SOIL/ICP	JS16	NI	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96		6.99	UGG	7.4
ABB-ES	METALS/SOIL/ICP	JS16	NI	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96		6.49	UGG	7.4

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	METALS/SOIL/ICP	JS16	V	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96		6.34	UGG	13.3
ABB-ES	METALS/SOIL/ICP	JS16	V	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96		5.55	UGG	13.3
ABB-ES	METALS/SOIL/ICP	JS16	ZN	57B-96-11X	BX571110	DV4S*529	UBNI	03-SEP-96	26-SEP-96		16	UGG	7.1
ABB-ES	METALS/SOIL/ICP	JS16	ZN	57B-96-11X	BD571110	DV4S*539	UBNI	03-SEP-96	26-SEP-96		14.9	UGG	7.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ABHC	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.00907	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ABHC	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.00907	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ACLDAN	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.005	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ACLDAN	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.005	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	AENSLF	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.00602	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	AENSLF	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.00602	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ALDRN	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.00729	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ALDRN	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.00729	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	BBHC	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.00257	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	BBHC	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.00257	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	BENSLF	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.00663	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	BENSLF	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.00663	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	DBHC	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.00555	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	DBHC	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.00555	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	DLDRN	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.00629	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	DLDRN	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.00629	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ENDRN	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.00657	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ENDRN	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.00657	UGG	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ENDRNA	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.024	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ENDRNA	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.024	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ENDRNK	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.024	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ENDRNK	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.024	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ESFSO4	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.00763	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ESFSO4	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.00763	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	GCLDAN	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.005	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	GCLDAN	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.005	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	HPCL	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.00618	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	HPCL	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.00618	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	HPCLE	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.0062	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	HPCLE	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.0062	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ISODR	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.00461	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ISODR	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.00461	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	LIN	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.00638	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	LIN	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.00638	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	MEXCLR	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.0711	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	MEXCLR	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.0711	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	PPDDD	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.00826	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	PPDDD	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.00826	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	PPDDE	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.00765	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	PPDDE	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.00765	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	PPDDT	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.00707	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	PPDDT	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.00707	UGG	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	TXPHEN	57B-96-11X	BD571110	DV4S*539	UFRF	03-SEP-96	11-OCT-96	<	.444	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	TXPHEN	57B-96-11X	BX571110	DV4S*529	UFRF	03-SEP-96	11-OCT-96	<	.444	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB016	57B-96-11X	BX571110	DV4S*529	NGKH	03-SEP-96	10-OCT-96	<	.0666	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB016	57B-96-11X	BD571110	DV4S*539	NGKH	03-SEP-96	10-OCT-96	<	.0666	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB221	57B-96-11X	BD571110	DV4S*539	NGKH	03-SEP-96	10-OCT-96	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB221	57B-96-11X	BX571110	DV4S*529	NGKH	03-SEP-96	10-OCT-96	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB232	57B-96-11X	BX571110	DV4S*529	NGKH	03-SEP-96	10-OCT-96	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB232	57B-96-11X	BD571110	DV4S*539	NGKH	03-SEP-96	10-OCT-96	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB242	57B-96-11X	BD571110	DV4S*539	NGKH	03-SEP-96	10-OCT-96	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB242	57B-96-11X	BX571110	DV4S*529	NGKH	03-SEP-96	10-OCT-96	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB248	57B-96-11X	BD571110	DV4S*539	NGKH	03-SEP-96	10-OCT-96	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB248	57B-96-11X	BX571110	DV4S*529	NGKH	03-SEP-96	10-OCT-96	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB254	57B-96-11X	BD571110	DV4S*539	NGKH	03-SEP-96	10-OCT-96	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB254	57B-96-11X	BX571110	DV4S*529	NGKH	03-SEP-96	10-OCT-96	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB260	57B-96-11X	BD571110	DV4S*539	NGKH	03-SEP-96	10-OCT-96	<	.0804	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB260	57B-96-11X	BX571110	DV4S*529	NGKH	03-SEP-96	10-OCT-96	<	.0804	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	124TCB	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.04	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	124TCB	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.04	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	12DCLB	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.11	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	12DCLB	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.11	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	13DCLB	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.13	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	13DCLB	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.13	UGG	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/SOIL/GCMS	LM18	14DCLB	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.098	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	14DCLB	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.098	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	245TCP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.1	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	245TCP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.1	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TCP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.17	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TCP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.17	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DCLP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.18	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DCLP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.18	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DMPN	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.69	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DMPN	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.69	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DNP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	1.2	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DNP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	1.2	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DNT	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.14	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DNT	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.14	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	26DNT	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.085	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	26DNT	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.085	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2CLP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.06	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2CLP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.06	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2CNAP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.036	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2CNAP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.036	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2MNAP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.049	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2MNAP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.049	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2MP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.029	UGG	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2MP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.029	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2NANIL	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.062	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2NANIL	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.062	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2NP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.14	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2NP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.14	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	33DCBD	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	6.3	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	33DCBD	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	6.3	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	3NANIL	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.45	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	3NANIL	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.45	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	46DN2C	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.55	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	46DN2C	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.55	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4BRPPE	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4BRPPE	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4CANIL	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.81	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4CANIL	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.81	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4CL3C	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.095	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4CL3C	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.095	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4CLPPE	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4CLPPE	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4MP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.24	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4MP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.24	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4NANIL	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.41	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4NANIL	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.41	UGG	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4NP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	1.4	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4NP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	1.4	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ANAPNE	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.036	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ANAPNE	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.036	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ANAPYL	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ANAPYL	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ANTRC	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ANTRC	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2CEXM	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.059	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2CEXM	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.059	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2CIPE	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.2	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2CIPE	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.2	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2CLEE	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2CLEE	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2EHP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.62	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2EHP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.62	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BAANTR	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.17	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BAANTR	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.17	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BAPYR	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.25	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BAPYR	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.25	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BBFANT	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.21	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BBFANT	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.21	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BBZP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.17	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BBZP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.17	UGG	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BGHIPY	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.25	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BGHIPY	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.25	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BKFANT	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.066	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BKFANT	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.066	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BZALC	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.19	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BZALC	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.19	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CARBAZ	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.14	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CARBAZ	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.14	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CHRY	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.12	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CHRY	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.12	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CL6BZ	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CL6BZ	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CL6CP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	6.2	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CL6CP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	6.2	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CL6ET	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.15	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CL6ET	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.15	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DBAHA	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.21	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DBAHA	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.21	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DBZFUR	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.035	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DBZFUR	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.035	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DEP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.24	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DEP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.24	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DMP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.17	UGG	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DMP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.17	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DNBP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.061	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DNBP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.061	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DNOP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.19	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DNOP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.19	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	FANT	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.068	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	FANT	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.068	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	FLRENE	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	FLRENE	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	HCBD	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.23	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	HCBD	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.23	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ICDPYR	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.29	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ICDPYR	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.29	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ISOPHR	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ISOPHR	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NAP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.037	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NAP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.037	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NB	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.045	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NB	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.045	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NNDNPA	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.2	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NNDNPA	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.2	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NNDPA	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.19	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NNDPA	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.19	UGG	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PCP	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	1.3	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PCP	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	1.3	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHANTR	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHANTR	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHENOL	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.11	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHENOL	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.11	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PYR	57B-96-11X	BD571110	DV4S*539	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PYR	57B-96-11X	BX571110	DV4S*529	OEXK	03-SEP-96	23-SEP-96	<	.033	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	111TCE	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0044	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	111TCE	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0044	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	112TCE	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0054	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	112TCE	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0054	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	11DCE	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0039	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	11DCE	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0039	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	11DCLE	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0023	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	11DCLE	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0023	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCE	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.003	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCE	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.003	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCLE	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0017	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCLE	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0017	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCLP	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0029	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCLP	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0029	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	ACET	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.017	UGG	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	VOLATILES/SOIL/GCMS	LM19	ACET	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.017	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	BRDCLM	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0029	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	BRDCLM	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0029	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C13DCP	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0032	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C13DCP	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0032	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C2AVE	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.032	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C2AVE	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.032	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C2H3CL	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0062	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C2H3CL	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0062	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C2H5CL	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.012	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C2H5CL	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.012	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C6H6	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0015	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C6H6	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0015	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CCL3F	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0059	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CCL3F	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0059	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CCL4	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.007	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CCL4	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.007	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CH2CL2	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.012	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CH2CL2	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.012	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CH3BR	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0057	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CH3BR	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0057	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CH3CL	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0088	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CH3CL	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0088	UGG	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CHBR3	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0069	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CHBR3	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0069	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CHCL3	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.00087	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CHCL3	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.00087	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CLC6H5	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.00086	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CLC6H5	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.00086	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CS2	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0044	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CS2	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0044	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	DBRCLM	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0031	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	DBRCLM	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0031	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	ETC6H5	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0017	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	ETC6H5	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0017	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6H5	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96		.0018	UGG	79.1
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6H5	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.00078	UGG	79.1
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEK	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.07	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEK	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.07	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MIBK	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.027	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MIBK	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.027	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MNBK	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.032	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MNBK	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.032	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	STYR	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0026	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	STYR	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0026	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	T13DCP	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0028	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	T13DCP	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0028	UGG	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	VOLATILES/SOIL/GCMS	LM19	TCLEA	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0024	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	TCLEA	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0024	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	TCLEE	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.00081	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	TCLEE	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.00081	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	TCLTFE	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96		.012	UGG	29.7
ABB-ES	VOLATILES/SOIL/GCMS	LM19	TCLTFE	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96		.0089	UGG	29.7
ABB-ES	VOLATILES/SOIL/GCMS	LM19	TRCLE	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0028	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	TRCLE	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0028	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	XYLEN	57B-96-11X	BD571110	DV4S*539	YGRK	03-SEP-96	11-SEP-96	<	.0015	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	XYLEN	57B-96-11X	BX571110	DV4S*529	YGRK	03-SEP-96	11-SEP-96	<	.0015	UGG	.0
ABB-ES	METALS/WATER/CVAA	SB01	HG	57M-96-11X	MD5711X1	DV4W*305	QJRF	02-OCT-96	22-OCT-96	<	.243	UGL	.0
ABB-ES	METALS/WATER/CVAA	SB01	HG	57M-96-11X	MX5711X1	DV4W*535	QJRF	02-OCT-96	22-OCT-96	<	.243	UGL	.0
ABB-ES	METALS/WATER/GFAA	SD09	TL	57M-96-11X	MD5711X1	DV4W*305	UCGG	02-OCT-96	29-OCT-96	<	6.99	UGL	.0
ABB-ES	METALS/WATER/GFAA	SD09	TL	57M-96-11X	MX5711X1	DV4W*535	UCGG	02-OCT-96	29-OCT-96	<	6.99	UGL	.0
ABB-ES	METALS/WATER/GFAA	SD20	PB	57M-96-11X	MD5711X1	DV4W*305	WCVH	02-OCT-96	29-OCT-96	<	1.26	UGL	.0
ABB-ES	METALS/WATER/GFAA	SD20	PB	57M-96-11X	MX5711X1	DV4W*535	WCVH	02-OCT-96	29-OCT-96	<	1.26	UGL	.0
ABB-ES	METALS/WATER/GFAA	SD21	SE	57M-96-11X	MD5711X1	DV4W*305	XCLH	02-OCT-96	02-NOV-96	<	3.02	UGL	.0
ABB-ES	METALS/WATER/GFAA	SD21	SE	57M-96-11X	MX5711X1	DV4W*535	XCLH	02-OCT-96	02-NOV-96	<	3.02	UGL	.0
ABB-ES	METALS/WATER/GFAA	SD22	AS	57M-96-11X	MD5711X1	DV4W*305	YCQH	02-OCT-96	02-NOV-96		170	UGL	.0
ABB-ES	METALS/WATER/GFAA	SD22	AS	57M-96-11X	MX5711X1	DV4W*535	YCQH	02-OCT-96	02-NOV-96		170	UGL	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	METALS/WATER/GFAA	SD28	SB	57M-96-11X	MD5711X1	DV4W*305	NFKF	02-OCT-96	30-OCT-96	<	3.03	UGL	.0
ABB-ES	METALS/WATER/GFAA	SD28	SB	57M-96-11X	MX5711X1	DV4W*535	NFKF	02-OCT-96	30-OCT-96	<	3.03	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	AG	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96	<	4.42	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	AG	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96	<	4.42	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	AL	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96		200	UGL	21.6
ABB-ES	METALS/WATER/ICP	SS18	AL	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96		161	UGL	21.6
ABB-ES	METALS/WATER/ICP	SS18	BA	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96		11.6	UGL	5.3
ABB-ES	METALS/WATER/ICP	SS18	BA	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96		11	UGL	5.3
ABB-ES	METALS/WATER/ICP	SS18	BE	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96	<	5	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	BE	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96	<	5	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	CA	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96		9730	UGL	4.4
ABB-ES	METALS/WATER/ICP	SS18	CA	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96		9310	UGL	4.4
ABB-ES	METALS/WATER/ICP	SS18	CD	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96	<	3.01	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	CD	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96	<	3.01	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	CO	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96	<	50	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	CO	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96	<	50	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	CR	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96	<	6.96	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	CR	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96	<	6.96	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	CU	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96	<	5	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	CU	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96	<	5	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	FE	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96		26500	UGL	2.3
ABB-ES	METALS/WATER/ICP	SS18	FE	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96		25900	UGL	2.3

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	METALS/WATER/ICP	SS18	K	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96		1920	UGL	13.3
ABB-ES	METALS/WATER/ICP	SS18	K	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96		1680	UGL	13.3
ABB-ES	METALS/WATER/ICP	SS18	MG	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96		1190	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	MG	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96		1190	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	MN	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96		2100	UGL	5.4
ABB-ES	METALS/WATER/ICP	SS18	MN	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96		1990	UGL	5.4
ABB-ES	METALS/WATER/ICP	SS18	NA	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96		4050	UGL	1.5
ABB-ES	METALS/WATER/ICP	SS18	NA	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96		3990	UGL	1.5
ABB-ES	METALS/WATER/ICP	SS18	NI	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96	<	7.11	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	NI	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96	<	7.11	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	V	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96	<	4.69	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	V	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96	<	4.69	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	ZN	57M-96-11X	MX5711X1	DV4W*535	OGDE	02-OCT-96	23-OCT-96	<	35.8	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	ZN	57M-96-11X	MD5711X1	DV4W*305	OGDE	02-OCT-96	23-OCT-96	<	35.8	UGL	.0
ABB-ES	TOTAL NITROGEN/WATER/TECH	TF26	N2KJEL	57M-96-11X	MX5711X1	DV4W*535	SHOB	02-OCT-96	28-OCT-96		448	UGL	13.8
ABB-ES	TOTAL NITROGEN/WATER/TECH	TF26	N2KJEL	57M-96-11X	MD5711X1	DV4W*305	SHOB	02-OCT-96	28-OCT-96		390	UGL	13.8
ABB-ES	TOTAL NITROGEN/WATER/TECH	TF26	N2KJEL	ZWM-96-19X	MDZW19X1	DV4W*304	SHOB	30-SEP-96	28-OCT-96	<	183	UGL	.0
ABB-ES	TOTAL NITROGEN/WATER/TECH	TF26	N2KJEL	ZWM-96-19X	MXZW19X1	DV4W*510	SHOB	30-SEP-96	28-OCT-96	<	183	UGL	.0
ABB-ES	PHOSHATES/WATER/TECHNICON	TF27	PO4	57M-96-11X	MD5711X1	DV4W*305	WHAC	02-OCT-96	22-OCT-96		70.8	UGL	7.6
ABB-ES	PHOSHATES/WATER/TECHNICON	TF27	PO4	57M-96-11X	MX5711X1	DV4W*535	WHAC	02-OCT-96	22-OCT-96		65.6	UGL	7.6
ABB-ES	PHOSHATES/WATER/TECHNICON	TF27	PO4	ZWM-96-19X	MXZW19X1	DV4W*510	WHAC	30-SEP-96	22-OCT-96		19.8	UGL	6.3
ABB-ES	PHOSHATES/WATER/TECHNICON	TF27	PO4	ZWM-96-19X	MDZW19X1	DV4W*304	WHAC	30-SEP-96	22-OCT-96		18.6	UGL	6.3

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB016	57M-96-11X	MD5711X1	DV4W*305	SDQF	02-OCT-96	13-OCT-96	<	.16	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB016	57M-96-11X	MX5711X1	DV4W*535	SDQF	02-OCT-96	14-OCT-96	<	.16	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB221	57M-96-11X	MD5711X1	DV4W*305	SDQF	02-OCT-96	13-OCT-96	<	.16	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB221	57M-96-11X	MX5711X1	DV4W*535	SDQF	02-OCT-96	14-OCT-96	<	.16	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB232	57M-96-11X	MX5711X1	DV4W*535	SDQF	02-OCT-96	14-OCT-96	<	.16	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB232	57M-96-11X	MD5711X1	DV4W*305	SDQF	02-OCT-96	13-OCT-96	<	.16	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB242	57M-96-11X	MX5711X1	DV4W*535	SDQF	02-OCT-96	14-OCT-96	<	.19	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB242	57M-96-11X	MD5711X1	DV4W*305	SDQF	02-OCT-96	13-OCT-96	<	.19	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB248	57M-96-11X	MX5711X1	DV4W*535	SDQF	02-OCT-96	14-OCT-96	<	.19	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB248	57M-96-11X	MD5711X1	DV4W*305	SDQF	02-OCT-96	13-OCT-96	<	.19	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB254	57M-96-11X	MX5711X1	DV4W*535	SDQF	02-OCT-96	14-OCT-96	<	.19	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB254	57M-96-11X	MD5711X1	DV4W*305	SDQF	02-OCT-96	13-OCT-96	<	.19	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB260	57M-96-11X	MD5711X1	DV4W*305	SDQF	02-OCT-96	13-OCT-96	<	.19	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB260	57M-96-11X	MX5711X1	DV4W*535	SDQF	02-OCT-96	14-OCT-96	<	.19	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ABHC	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.0385	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ABHC	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.0385	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ACLDAN	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.075	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ACLDAN	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.075	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	AENSLF	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.023	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	AENSLF	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.023	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ALDRN	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.0918	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ALDRN	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.0918	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	BBHC	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.024	UGL	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	PESTICIDES/WATER/GCEC	UH13	BBHC	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.024	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	BENSLF	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.023	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	BENSLF	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.023	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	DBHC	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.0293	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	DBHC	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.0293	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	DLDRN	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.024	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	DLDRN	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.024	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRN	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.0238	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRN	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.0238	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRNA	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.0285	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRNA	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.0285	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRNK	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.0285	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRNK	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.0285	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ESFSO4	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.0786	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ESFSO4	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.0786	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	GCLDAN	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.075	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	GCLDAN	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.075	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	HPCL	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.0423	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	HPCL	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.0423	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	HPCLE	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.0245	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	HPCLE	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.0245	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ISODR	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.0562	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ISODR	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.0562	UGL	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	PESTICIDES/WATER/GCEC	UH13	LIN	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.0507	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	LIN	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.0507	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	MEXCLR	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.057	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	MEXCLR	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.057	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDD	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.0233	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDD	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.0233	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDE	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.027	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDE	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.027	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDT	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	.034	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDT	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	.034	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	TXPHEN	57M-96-11X	MX5711X1	DV4W*535	TDBG	02-OCT-96	31-OCT-96	<	1.35	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	TXPHEN	57M-96-11X	MD5711X1	DV4W*305	TDBG	02-OCT-96	31-OCT-96	<	1.35	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	123TMB	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96		8	UGL	46.2
ABB-ES	ORGANICS/WATER/GCMS	UM18	123TMB	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96		5	UGL	46.2
ABB-ES	ORGANICS/WATER/GCMS	UM18	124TCB	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	1.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	124TCB	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	1.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	12DCLB	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96		3.4	UGL	26.7
ABB-ES	ORGANICS/WATER/GCMS	UM18	12DCLB	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96		2.6	UGL	26.7
ABB-ES	ORGANICS/WATER/GCMS	UM18	13DCLB	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	13DCLB	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	14DCLB	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	14DCLB	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	245TCP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	5.2	UGL	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/WATER/GCMS	UM18	245TCP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	5.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TCP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	4.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TCP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	4.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DCLP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	2.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DCLP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	2.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DMPN	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	5.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DMPN	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	5.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DNP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	21	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DNP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	21	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DNT	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	4.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DNT	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	4.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	26DNT	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	.79	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	26DNT	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	.79	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2CLP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	.99	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2CLP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	.99	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2CNAP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2CNAP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2MNAP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2MNAP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2MP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	3.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2MP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	3.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2NANIL	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	4.3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2NANIL	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	4.3	UGL	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/WATER/GCMS	UM18	2NP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	3.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2NP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	3.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	33DCBD	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	12	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	33DCBD	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	12	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	3NANIL	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	4.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	3NANIL	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	4.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	46DN2C	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	17	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	46DN2C	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	17	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4BRPPE	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	4.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4BRPPE	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	4.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4CANIL	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	7.3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4CANIL	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	7.3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4CL3C	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4CL3C	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4CLPPE	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	5.1	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4CLPPE	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	5.1	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4MP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	.52	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4MP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	.52	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4NANIL	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	5.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4NANIL	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	5.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4NP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	12	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4NP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	12	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ANAPNE	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ANAPNE	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	1.7	UGL	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/WATER/GCMS	UM18	ANAPYL	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ANAPYL	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ANTRC	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ANTRC	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2CEXM	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	1.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2CEXM	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	1.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2CIPE	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	5.3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2CIPE	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	5.3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2CLEE	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	1.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2CLEE	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	1.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2EHP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96		6.7	UGL	33.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2EHP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	4.8	UGL	33.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BAANTR	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	1.6	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BAANTR	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	1.6	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BAPYR	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	4.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BAPYR	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	4.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BBFANT	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	5.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BBFANT	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	5.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BBZP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	3.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BBZP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	3.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BENZOA	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	13	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BENZOA	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	13	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BGHIPY	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	6.1	UGL	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/WATER/GCMS	UM18	BGHIPY	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	6.1	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BKFANT	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	.87	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BKFANT	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	.87	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BZALC	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	.72	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BZALC	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	.72	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CARBAZ	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CARBAZ	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CHRY	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	2.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CHRY	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	2.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CL6BZ	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	1.6	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CL6BZ	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	1.6	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CL6CP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	8.6	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CL6CP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	8.6	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CL6ET	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	1.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CL6ET	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	1.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DBAHA	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	6.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DBAHA	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	6.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DBZFUR	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DBZFUR	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DEP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DEP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DMP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	1.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DMP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	1.5	UGL	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/WATER/GCMS	UM18	DNBP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	3.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DNBP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	3.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DNOP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	15	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DNOP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	15	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ET4MBZ	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96		10	UGL	10.5
ABB-ES	ORGANICS/WATER/GCMS	UM18	ET4MBZ	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96		9	UGL	10.5
ABB-ES	ORGANICS/WATER/GCMS	UM18	FANT	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	3.3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	FANT	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	3.3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	FLRENE	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	3.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	FLRENE	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	3.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	HCBD	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	3.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	HCBD	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	3.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ICDPYR	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	8.6	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ICDPYR	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	8.6	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ISOPHR	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	4.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ISOPHR	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	4.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NAP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96		3.3	UGL	27.6
ABB-ES	ORGANICS/WATER/GCMS	UM18	NAP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96		2.5	UGL	27.6
ABB-ES	ORGANICS/WATER/GCMS	UM18	NB	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NB	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NNDNPA	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	4.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NNDNPA	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	4.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NNDPA	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NNDPA	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	3	UGL	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/WATER/GCMS	UM18	PCP	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	18	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PCP	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	18	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHANTR	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHANTR	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHENOL	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	9.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHENOL	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	9.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PYR	57M-96-11X	MX5711X1	DV4W*535	WDIM	02-OCT-96	08-OCT-96	<	2.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PYR	57M-96-11X	MD5711X1	DV4W*305	WDIM	02-OCT-96	08-OCT-96	<	2.8	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	111TCE	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	111TCE	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	112TCE	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	1.2	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	112TCE	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	1.2	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	11DCE	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	11DCE	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	11DCLE	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.68	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	11DCLE	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.68	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCE	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96		.89	UGL	18.4
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCE	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96		.74	UGL	18.4
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCLE	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCLE	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCLP	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCLP	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	VOLATILES/WATER/GCMS	UM20	2CLEVE	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.71	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	2CLEVE	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.71	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	ACET	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	13	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	ACET	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	13	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	BRDCLM	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.59	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	BRDCLM	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.59	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C13DCP	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.58	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C13DCP	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.58	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C2AVE	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	8.3	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C2AVE	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	8.3	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C2H3CL	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	2.6	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C2H3CL	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	2.6	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C2H5CL	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	1.9	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C2H5CL	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	1.9	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C6H6	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C6H6	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CCL3F	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	1.4	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CCL3F	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	1.4	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CCL4	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.58	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CCL4	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.58	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CH2CL2	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	2.3	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CH2CL2	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	2.3	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CH3BR	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	5.8	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CH3BR	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	5.8	UGL	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	VOLATILES/WATER/GCMS	UM20	CH3CL	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	3.2	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CH3CL	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	3.2	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CHBR3	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	2.6	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CHBR3	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	2.6	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CHCL3	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CHCL3	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CLC6H5	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CLC6H5	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CS2	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CS2	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	DBRCLM	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.67	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	DBRCLM	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.67	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	ETC6H5	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96		4.6	UGL	9.1
ABB-ES	VOLATILES/WATER/GCMS	UM20	ETC6H5	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96		4.2	UGL	9.1
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6H5	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96		.86	UGL	24.8
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6H5	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96		.67	UGL	24.8
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEK	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	6.4	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEK	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	6.4	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MIBK	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	3	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MIBK	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	3	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MNBK	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	3.6	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MNBK	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	3.6	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	STYR	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0

Appendix D-3
Table: D-18
FIELD DUPLICATE RESULTS
FT. DEVENS DV4 1996

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	VOLATILES/WATER/GCMS	UM20	STYR	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	T13DCP	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.7	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	T13DCP	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.7	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	TCLEA	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96	<	.51	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	TCLEA	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96	<	.51	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	TCLEE	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96		4.8	UGL	2.1
ABB-ES	VOLATILES/WATER/GCMS	UM20	TCLEE	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96		4.7	UGL	2.1
ABB-ES	VOLATILES/WATER/GCMS	UM20	TRCLE	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96		1.1	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	TRCLE	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96		1.1	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	UNK192	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96		6	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	UNK192	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96		6	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	UNK198	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96		7	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	UNK198	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96		7	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	UNK202	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96		10	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	UNK202	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96		10	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	UNK211	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96		10	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	UNK211	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96		10	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	XYLEN	57M-96-11X	MX5711X1	DV4W*535	XDLS	02-OCT-96	09-OCT-96		6.8	UGL	4.5
ABB-ES	VOLATILES/WATER/GCMS	UM20	XYLEN	57M-96-11X	MD5711X1	DV4W*305	XDLS	02-OCT-96	09-OCT-96		6.5	UGL	4.5

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1998 OFF-SITE LABORATORY DATA (SUPPLEMENTAL RI)

1.0 INTRODUCTION

This Quality Control Summary Report (QCSR) provided a summary of quality control sample measurement associated with field sampling and analysis activities conducted during the 1998 Supplemental Field Investigation. Samples were analyzed at on-site and off-site laboratories. Data quality objectives and analytical methods for the 1998 investigation are the same as those described in Appendix D-2 and Appendix D-3 for the 1996 investigation. During the 1998 program, on-site analyses included only Total Recoverable Petroleum Hydrocarbon (TPHC) analysis. Off-site analyses included a subset of inorganics (As, Ba, Cu, Mn, Pb, Sb, Se, and Zn), volatile, semivolatiles, pesticides, PCBs, TPHC, and Total Suspended Solids.

2.0 OFF-SITE DATA QUALITY CONTROL REVIEW

Quality control sample data associated with the off-site analytical program include method blanks, field QC blanks (rinse blanks and trip blanks), field duplicates, matrix spike/matrix spike duplicates (MS/MSD). Surrogate recovery data for volatile, semivolatiles, pesticides, and PCB analyses were also reviewed. Data quality interpretations were based on Quality Control limits specified by USEPA (USEPA, 1994; USEPA,1996; USEPA, 1989). With the exception of the items listed below, all analytical results generated during the field investigation met project QC goals and are usable without qualification. No results were rejected based on the QC review. A subset of results are considered estimated values.

2.1 METHOD BLANKS

Method blanks results are summarized in Table D-1 and Table D-2. With the exception of the semivolatile compound bis(2-ethylhexyl)phthalate at 29 ug/L, and the metal manganese at 11 µg/L, target analytes were not reported in aqueous method blanks. These results indicate the laboratory was free of laboratory introduced contamination for the majority of aqueous target analytes. Similar concentrations of bis(2-ethylhexyl)phthalate and manganese in aqueous samples may represent laboratory contamination.

A small subset of target analytes were detected in soil method blanks including TPHC at 36.5 µg/g, barium (8.31 µg/g), manganese (21.2 µg/g), alpha-chlordane (.0058 - .0082 µg/g), gamma-chlordane (.0092 - .013 µg/g), diacetone alcohol as a semivolatile tentatively identified compound. With the exception of the above analytes, the laboratory soil analyses were free of laboratory introduced contamination. Similar concentrations of the analytes listed above in soil samples may represent laboratory introduced contamination.

2.2 Rinse Blanks

Rinse blank results are summarized in Table D-3. With the exception of low concentrations of arsenic (2.93 µg/L) and manganese (6.28 µg/L), no other target analytes were detected in rinse blanks. These results indicate that field sampling processes did not contribute to sample contamination for the majority of target analytes. The low concentration of arsenic and manganese in the rinse blanks is not interpreted to have an impact on sample data usability.

2.3 Trip Blanks

Trip blank results are summarized in Table D-4. No target compounds were detected in any of the three trip blanks associated with this data set. These results indicate that no cross contamination of samples occurred during shipment and storage.

2.4 Surrogate Recoveries

Surrogate data were reviewed for all volatile (Table D-5), semivolatile (Table D-6), and pesticide and PCB (Table D-7) analyses. Surrogate recoveries were compared to limits specified in the USEPA Contract Laboratory Program (CLP).

<u>Volatiles</u>

Surrogate recoveries for all aqueous samples were within CLP limits indicating usable results were obtained for all water samples. Surrogate recoveries were within limits for all soils with the exception of DX570600 (57D-98-06X) and DX570800 (57D-98-08X) which had high recoveries of one of three surrogates. No volatile target analytes were reported in sample DX570800. Results for benzene, chlorobenzene, and toluene in samples DX570600 are potentially biased high.

Semivolatiles

Surrogate recoveries for all soil/sediment samples were within CLP limits indicating usable results were obtained. With the exception of water samples WX570300 (57W-98-03X) and WX570400 (57W-98-04X), all surrogate recoveries for water samples met USEPA guidelines. Low recoveries (28% - 30%) were reported in two base/neutral surrogates for samples WX570300 (57W-98-03X) and WX570400 (57W-98-04X) indicating a low bias for base/neutral compounds in these samples. All non-detect and detected results for these samples are considered estimated and potentially biased low.

Pesticides

With the exception of water sample MX570200 (57W-98-02X), sediment sample DX570500 (57D-98-05X), and soil samples SX570302 (57S-98-03X) and SX570701 (57S-98-07X), all samples had surrogate recoveries within CLP limits. Low recoveries were observed in the samples listed above, and all results for pesticides in water sample MX570200 (57W-98-02X), sediment sample DX570500 (57D-98-05X), and soil samples SX570302 (57S-98-03X) and SX570701 (57S-98-07X) are considered estimated and potentially biased low.

PCBs

Surrogate recoveries for all soil/sediment samples were within CLP limits indicating usable results were obtained. With the exception of water sample WX570400 (57W-98-04X) with low recoveries (19% - 29%), all water sample recoveries were within CLP limits. All results for water sample WX570400 (57W-98-04X) are considered estimated and potentially biased low.

2.5 Matrix Spike Results

Matrix spike data were reviewed for TOC, TPHC, and inorganics (Table D-8). Recoveries for all spike analytes were within USEPA Region I limits of 75%-125% for inorganic parameters with the exception of TOC, arsenic, and antimony in soils. TOC recoveries were 130% and 206%. Arsenic recoveries ranged from 27% to 148%. The spike concentration of TOC and arsenic in the matrix spikes was relatively low compared to the concentrations reported in the original samples. No data use qualifications were applied to the TOC or arsenic data based on these results. Antimony recoveries in two sets of MS/MSD samples ranged from 33% - 56%. Based on these results all antimony soil results are for method JS16 are considered to be estimated and potentially biased low.

2.6 FIELD DUPLICATE RESULTS

One water duplicate MX5711XX and one soil duplicate SX570700 were collected during the 1998 program. Duplicate results are presented in Table D-9 and Table D-10. Relative percent difference (RPD) of results was compared to USEPA Region I goals of 30% for waters and 50% for soils.

Inorganics

All soil results were within USEPA limits. Results for barium and copper in water sample MX5711XX exceeded limits. Results for copper included detection at 8.54 µg/L and a non-detect at <5 µg/L. No data qualification was done because the detected concentration only slightly exceeded the reporting limit. Results for barium in all water samples should be considered estimated values.

Pesticides/PCBs

Results for all aqueous samples were reported as non-detects with agreement between duplicates for absence of contamination. Target analytes DDT and aroclor 1260 were reported in the soil duplicate with RPDs within USEPA limits indicating good precision.

Semivolatiles

No target compounds were reported in the soil duplicate pair. The compounds 1,2-dichlorobenzene, 1,4-dichlorobenzene, and naphthalene were detected in the aqueous samples. RPDs for all results exceeded the USEPA limits; however, concentrations were low (<7 µg/L) relative to reporting limits and no qualification of data was done based on these duplicate results.

Volatiles

With the exception of acetone in the soil duplicate, no VOCs were reported in soil samples demonstrating agreement for the absence of contamination. Acetone was reported at a concentration slightly greater than the reporting limit, and it was not interpreted to be a site related compound.

A number of target compounds were reported in the water duplicate pair. Detections include 1,2,4-trimethylbenzene, ethylbenzene, xylenes, trichloroethene, and tetrachloroethene. All RPDs were within USEPA limits indicating excellent precision for the sample pair.

Total Suspended Solids

One aqueous duplicated pair was collected. An RPD of 191 was observed in the data set indicating a large difference in results. These data indicate that all TSS data should be considered estimated.

TPHC

One soil duplicated pair was collected. An RPD of 108 was observed in the data set indicating a large difference in results. These data indicate that all off-site soil TPHC data should be considered estimated.

2.7 Tentatively Identified Compounds (TICs)

A subset of samples had non-target compounds reported as tentatively identified compounds (TICs) in the VOA and SVOA data. TICs are summarized on Table D-11.

The majority of SVOA non-target compounds were reported as unknowns. TICs included alkanes (C16 -C29), ß-sitosterol, and alpha-pinene. Sediment and soil samples contained numerous unknowns ranging in total concentration per sample from <5 µg/g to 171 µg/g. The ß-sitosterol, and alpha-pinene are interpreted to represent natural organics. The alkanes and unknowns may represent fuel related contamination.

No TICs were reported in VOA soils. A number of fuel related hydrocarbons were reported in aqueous samples including light alkanes, alkyl-substituted benzenes, and cyclohexanes which are indicators of possible gasoline contamination.

3.0 ONSITE DATA QUALITY CONTROL REVIEW

The 1998 field program included the on-site analysis of soil samples for Total Petroleum Hydrocarbons using a Modified USEPA Method 418.1 methodology. The data use objectives for the program was to provided data on the presence or absence of hydrocarbon contamination use in direction of the sampling program. Field data were used to locate explorations and select samples for off-site analysis. Data quality was assessed by evaluation of comparability of on-site results to split samples analyzed at the off-site laboratory.

3.1 DATA COMPARISON AND EVALUATION

Comparability of the data was evaluated to determine if results were usable for defining the presence/absence and relative concentrations of TPH using the on-site data. Relative percent difference (RPD) calculations were used to determine the comparability of the on-site/off-site results. Results of the on-site/off-site analyses are summarized on Tables I-4 and I-5.

Soil Matrix

Fourteen soil split samples were submitted for off-site TPH-IR analysis. Split sample data for TPH is presented for soil matrices on Table I –4

Sediment Matrix

Eight sediment samples were submitted for off-site TPH-IR analysis. Split sample data for TPH is presented for sediment matrices on Table I -5.

3.1.1 Split-Sample Comparison Conclusions

There was a high degree of correlation between the on-site and off-site laboratories relative to soil and sediment data. Comparison of the on-site/off-site soil results indicate that 100 percent of the calculated soil sample results agree within the 100 percent RPD requirement set forth by the USEPA for field duplicates (USEPA, 1996). The remaining two soil samples were a duplicate pair (570700) that was reported below the reporting limit of the on-site lab but had positive detections in the off-site lab. Evaluation of the on-site results indicate that the sample matrix had a high water content, 25 percent and 27 percent total solids. This was a probable interference in the modified extraction procedure utilized by the on-site laboratory. The percent difference of the off-site duplicate result was 70 percent. This demonstrates a notable variance for the off-site results, and implies a high degree of variation within the homogeneity of the sample matrix for this sample.

For sediment samples, 75 percent of calculated RPDs were within the USEPA field duplicate limits. Two samples that exceeded RPDs of 100 had higher concentrations reported at the on-site laboratory. These results indicate a possible high bias at the on-site laboratory.

Based on the split sample results, field TPH results are usable for the determination of presence/absence and relative concentrations of TPH in the soil and sediment media.

TABLE D-4 Soil Comparison

Sample ID	570101	570200	570302	570401	570503	570601	570700
On-site result	1000	1400	14000	680	3200	2500	<800
Off-site result	393	1200	14800	1150	1750	4620	6170
RPD	87	15	6	51	59	60	*
Sample ID	**570700D**	**570701**	**570800**	**570900**	**571301**	**571401**	**571503**
On-site result	<740	32000	<800	1500	1600	1200	<270
Off-site result	1830	17000	494	1930	951	895	<27.9
RPD	*	61	0	25	51	29	0

* Refer to "Split Sample Comparison Conclusions".

TABLE D-5 Sediment Comparison

Sample ID	570100	570200	570300	570400	570500	570600	570700	570800
On-site result	2500	<31000	<1800	<1500	5500	<380	5500	<390
Off-site result	103	452	185	246	3540	160	200	109
RPD	184	0	0	0	43	0	186	0

References:

U.S. Environmental Protection Agency (USEPA), 1989. "Region 1 Laboratory Data Validation Functional Guidelines For Evaluating Inorganic Analyses"; Hazardous Site Evaluation Division; February 1989.

U.S. Environmental Protection Agency (USEPA), 1994. "USEPA Contract Laboratory Program Statement of Work for Organic Analysis; OLM03.1; Office of Solid Waste and Emergency Response; EPA-540/R-94/073; August 1994.

U.S. Environmental Protection Agency (USEPA), 1996. "Region 1 EPA-NE Data Validation Guidelines For Evaluating Environmental Analyses"; Quality Assurance Unit Staff; Office of Environmental Measurement and Evaluation; December 1996

TABLE D-1

METHOD BLANKS (Soil)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
?		9060	TOC	ZEWU	12-JUN-98	12-JUN-98	<	360		UGG
?			TOC	ZEWU	12-JUN-98	12-JUN-98	<	360		UGG
ABB-ES		9071	TPHC	ZEQU	11-JUN-98	12-JUN-98	<	27.9		UGG
ABB-ES			TPHC	ZERU	10-JUN-98	11-JUN-98	<	27.9		UGG
ABB-ES			TPHC	ZESU	15-JUN-98	16-JUN-98		36.5	D	UGG
ABB-ES	METALS/SOIL/ICP-MS	J301	AS	PLYA	28-JUN-98	30-JUN-98	<	.25		UGG
ABB-ES	METALS/SOIL/ICP-MS		SE	PLYA	28-JUN-98	30-JUN-98	<	.25		UGG
ABB-ES	METALS/SOIL/ICP	JS16	BA	UBZJ	02-JUN-98	03-JUN-98		8.31		UGG
ABB-ES	METALS/SOIL/ICP		CU	UBZJ	02-JUN-98	03-JUN-98	<	.965		UGG
ABB-ES	METALS/SOIL/ICP		MN	UBZJ	02-JUN-98	03-JUN-98		21.2		UGG
ABB-ES	METALS/SOIL/ICP		PB	UBZJ	02-JUN-98	03-JUN-98	<	10.5		UGG
ABB-ES	METALS/SOIL/ICP		SB	UBZJ	02-JUN-98	03-JUN-98	<	7.14		UGG
ABB-ES	METALS/SOIL/ICP		SE	UBZJ	02-JUN-98	03-JUN-98	<	2.42	W	UGG
ABB-ES	METALS/SOIL/ICP		ZN	UBZJ	02-JUN-98	03-JUN-98	<	8.03		UGG
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ABHC	UFLG	22-MAY-98	29-JUN-98	<	.00907	W	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ABHC	UFMG	24-MAY-98	30-MAY-98	<	.00907		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ABHC	UFNG	28-MAY-98	28-JUN-98	<	.00907		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ACLDAN	UFLG	22-MAY-98	29-JUN-98		.00582	WZ	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ACLDAN	UFMG	24-MAY-98	30-MAY-98		.00824	Z	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ACLDAN	UFNG	28-MAY-98	28-JUN-98		.00735	Z	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		AENSLF	UFLG	22-MAY-98	29-JUN-98	<	.00602		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		AENSLF	UFMG	24-MAY-98	30-MAY-98	<	.00602		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		AENSLF	UFNG	28-MAY-98	28-JUN-98	<	.00602		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ALDRN	UFLG	22-MAY-98	29-JUN-98	<	.00729		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ALDRN	UFMG	24-MAY-98	30-MAY-98	<	.00729		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ALDRN	UFNG	28-MAY-98	28-JUN-98	<	.00729		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		BBHC	UFLG	22-MAY-98	29-JUN-98	<	.00257	W	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		BBHC	UFMG	24-MAY-98	30-MAY-98	<	.00257		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		BBHC	UFNG	28-MAY-98	28-JUN-98	<	.00257		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		BENSLF	UFLG	22-MAY-98	29-JUN-98	<	.00663		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		BENSLF	UFMG	24-MAY-98	30-MAY-98	<	.00663		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		BENSLF	UFNG	28-MAY-98	28-JUN-98	<	.00663		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		DBHC	UFLG	22-MAY-98	29-JUN-98	<	.00555	W	UGG

TABLE D-1

METHOD BLANKS (Soil)
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1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	DBHC	UFMG	24-MAY-98	30-MAY-98	<	.00555		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		DBHC	UFNG	28-MAY-98	28-JUN-98	<	.00555		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		DLDRN	UFLG	22-MAY-98	29-JUN-98	<	.00629		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		DLDRN	UFMG	24-MAY-98	30-MAY-98	<	.00629		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		DLDRN	UFNG	28-MAY-98	28-JUN-98	<	.00629		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ENDRN	UFLG	22-MAY-98	29-JUN-98	<	.00657		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ENDRN	UFMG	24-MAY-98	30-MAY-98	<	.00657		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ENDRN	UFNG	28-MAY-98	28-JUN-98	<	.00657		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ENDRNA	UFLG	22-MAY-98	29-JUN-98	<	.024	W	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ENDRNA	UFMG	24-MAY-98	30-MAY-98	<	.024		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ENDRNA	UFNG	28-MAY-98	28-JUN-98	<	.024		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ENDRNK	UFLG	22-MAY-98	29-JUN-98	<	.024	WT	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ENDRNK	UFMG	24-MAY-98	30-MAY-98	<	.024	T	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ENDRNK	UFNG	28-MAY-98	28-JUN-98	<	.024	T	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ESFSO4	UFLG	22-MAY-98	29-JUN-98	<	.00763	W	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ESFSO4	UFMG	24-MAY-98	30-MAY-98	<	.00763		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ESFSO4	UFNG	28-MAY-98	28-JUN-98	<	.00763		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		GCLDAN	UFLG	22-MAY-98	29-JUN-98		.00917	WZ	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		GCLDAN	UFMG	24-MAY-98	30-MAY-98		.0126	Z	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		GCLDAN	UFNG	28-MAY-98	28-JUN-98		.0116	Z	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		HPCL	UFLG	22-MAY-98	29-JUN-98	<	.00618		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		HPCL	UFMG	24-MAY-98	30-MAY-98	<	.00618		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		HPCL	UFNG	28-MAY-98	28-JUN-98	<	.00618		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		HPCLE	UFLG	22-MAY-98	29-JUN-98	<	.0062	W	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		HPCLE	UFMG	24-MAY-98	30-MAY-98	<	.0062		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		HPCLE	UFNG	28-MAY-98	28-JUN-98	<	.0062		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ISODR	UFLG	22-MAY-98	29-JUN-98	<	.00461		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ISODR	UFMG	24-MAY-98	30-MAY-98	<	.00461		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		ISODR	UFNG	28-MAY-98	28-JUN-98	<	.00461		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		LIN	UFLG	22-MAY-98	29-JUN-98	<	.00638		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		LIN	UFMG	24-MAY-98	30-MAY-98	<	.00638		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		LIN	UFNG	28-MAY-98	28-JUN-98	<	.00638		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		MEXCLR	UFLG	22-MAY-98	29-JUN-98	<	.0711	W	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		MEXCLR	UFMG	24-MAY-98	30-MAY-98	<	.0711		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		MEXCLR	UFNG	28-MAY-98	28-JUN-98	<	.0711		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PPDDD	UFLG	22-MAY-98	29-JUN-98	<	.00826	W	UGG

TABLE D-1

METHOD BLANKS (Soil)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	PPDDD	UFMG	24-MAY-98	30-MAY-98	<	.00826		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PPDDD	UFNG	28-MAY-98	28-JUN-98	<	.00826		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PPDDE	UFLG	22-MAY-98	29-JUN-98	<	.00765	W	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PPDDE	UFMG	24-MAY-98	30-MAY-98	<	.00765		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PPDDE	UFNG	28-MAY-98	28-JUN-98	<	.00765		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PPDDT	UFLG	22-MAY-98	29-JUN-98	<	.00707		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PPDDT	UFMG	24-MAY-98	30-MAY-98	<	.00707		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PPDDT	UFNG	28-MAY-98	28-JUN-98	<	.00707		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		TXPHEN	UFLG	22-MAY-98	29-JUN-98	<	.444	W	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		TXPHEN	UFMG	24-MAY-98	30-MAY-98	<	.444		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		TXPHEN	UFNG	28-MAY-98	28-JUN-98	<	.444		UGG
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB016	NGII	22-MAY-98	04-JUN-98	<	.0666		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB016	NGJI	24-MAY-98	03-JUN-98	<	.0666		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB016	NGKI	28-MAY-98	14-JUN-98	<	.0666		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB221	NGII	22-MAY-98	04-JUN-98	<	.082	WT	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB221	NGJI	24-MAY-98	03-JUN-98	<	.082	T	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB221	NGKI	28-MAY-98	14-JUN-98	<	.082	T	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB232	NGII	22-MAY-98	04-JUN-98	<	.082	WT	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB232	NGJI	24-MAY-98	03-JUN-98	<	.082	T	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB232	NGKI	28-MAY-98	14-JUN-98	<	.082	T	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB242	NGII	22-MAY-98	04-JUN-98	<	.082	WT	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB242	NGJI	24-MAY-98	03-JUN-98	<	.082	T	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB242	NGKI	28-MAY-98	14-JUN-98	<	.082	T	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB248	NGII	22-MAY-98	04-JUN-98	<	.082	WT	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB248	NGJI	24-MAY-98	03-JUN-98	<	.082	T	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB248	NGKI	28-MAY-98	14-JUN-98	<	.082	T	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB254	NGII	22-MAY-98	04-JUN-98	<	.082	WT	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB254	NGJI	24-MAY-98	03-JUN-98	<	.082	T	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB254	NGKI	28-MAY-98	14-JUN-98	<	.082	T	UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB260	NGII	22-MAY-98	04-JUN-98	<	.0804		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB260	NGJI	24-MAY-98	03-JUN-98	<	.0804		UGG
ABB-ES	PESTICIDES/SOIL/GCEC		PCB260	NGKI	28-MAY-98	14-JUN-98	<	.0804		UGG
ABB-ES	ORGANICS/SOIL/GCMS	LM18	124TCB	OEXL	22-MAY-98	28-MAY-98	<	.04	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		124TCB	OEYL	28-MAY-98	16-JUN-98	<	.04		UGG

TABLE D-1

METHOD BLANKS (Soil)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	ORGANICS/SOIL/GCMS	LM18	12DCLB	OEXL	22-MAY-98	28-MAY-98	<	.11	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		12DCLB	OEYL	28-MAY-98	16-JUN-98	<	.11		UGG
ABB-ES	ORGANICS/SOIL/GCMS		12DPH	OEXL	22-MAY-98	28-MAY-98	<	.14	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		12DPH	OEYL	28-MAY-98	16-JUN-98	<	.14	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		13DCLB	OEXL	22-MAY-98	28-MAY-98	<	.13	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		13DCLB	OEYL	28-MAY-98	16-JUN-98	<	.13		UGG
ABB-ES	ORGANICS/SOIL/GCMS		14DCLB	OEXL	22-MAY-98	28-MAY-98	<	.098	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		14DCLB	OEYL	28-MAY-98	16-JUN-98	<	.098		UGG
ABB-ES	ORGANICS/SOIL/GCMS		245TCP	OEXL	22-MAY-98	28-MAY-98	<	.1	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		245TCP	OEYL	28-MAY-98	16-JUN-98	<	.1		UGG
ABB-ES	ORGANICS/SOIL/GCMS		246TCP	OEXL	22-MAY-98	28-MAY-98	<	.17	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		246TCP	OEYL	28-MAY-98	16-JUN-98	<	.17		UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DCLP	OEXL	22-MAY-98	28-MAY-98	<	.18	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DCLP	OEYL	28-MAY-98	16-JUN-98	<	.18		UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DMPN	OEXL	22-MAY-98	28-MAY-98	<	.69	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DMPN	OEYL	28-MAY-98	16-JUN-98	<	.69		UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DNP	OEXL	22-MAY-98	28-MAY-98	<	1.2	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DNP	OEYL	28-MAY-98	16-JUN-98	<	1.2		UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DNT	OEXL	22-MAY-98	28-MAY-98	<	.14	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		24DNT	OEYL	28-MAY-98	16-JUN-98	<	.14		UGG
ABB-ES	ORGANICS/SOIL/GCMS		26DNT	OEXL	22-MAY-98	28-MAY-98	<	.085	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		26DNT	OEYL	28-MAY-98	16-JUN-98	<	.085		UGG
ABB-ES	ORGANICS/SOIL/GCMS		2CLP	OEXL	22-MAY-98	28-MAY-98	<	.06	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2CLP	OEYL	28-MAY-98	16-JUN-98	<	.06		UGG
ABB-ES	ORGANICS/SOIL/GCMS		2CNAP	OEXL	22-MAY-98	28-MAY-98	<	.036	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2CNAP	OEYL	28-MAY-98	16-JUN-98	<	.036		UGG
ABB-ES	ORGANICS/SOIL/GCMS		2MNAP	OEXL	22-MAY-98	28-MAY-98	<	.049	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2MNAP	OEYL	28-MAY-98	16-JUN-98	<	.049		UGG
ABB-ES	ORGANICS/SOIL/GCMS		2MP	OEXL	22-MAY-98	28-MAY-98	<	.029	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2MP	OEYL	28-MAY-98	16-JUN-98	<	.029		UGG
ABB-ES	ORGANICS/SOIL/GCMS		2NANIL	OEXL	22-MAY-98	28-MAY-98	<	.062	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2NANIL	OEYL	28-MAY-98	16-JUN-98	<	.062		UGG
ABB-ES	ORGANICS/SOIL/GCMS		2NP	OEXL	22-MAY-98	28-MAY-98	<	.14	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		2NP	OEYL	28-MAY-98	16-JUN-98	<	.14		UGG
ABB-ES	ORGANICS/SOIL/GCMS		33DCBD	OEXL	22-MAY-98	28-MAY-98	<	6.3	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		33DCBD	OEYL	28-MAY-98	16-JUN-98	<	6.3		UGG

TABLE D-1

METHOD BLANKS (Soil)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	ORGANICS/SOIL/GCMS	LM18	3NANIL	OEXL	22-MAY-98	28-MAY-98	<	.45	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		3NANIL	OEYL	28-MAY-98	16-JUN-98	<	.45		UGG
ABB-ES	ORGANICS/SOIL/GCMS		46DN2C	OEXL	22-MAY-98	28-MAY-98	<	.55	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		46DN2C	OEYL	28-MAY-98	16-JUN-98	<	.55		UGG
ABB-ES	ORGANICS/SOIL/GCMS		4BRPPE	OEXL	22-MAY-98	28-MAY-98	<	.033	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4BRPPE	OEYL	28-MAY-98	16-JUN-98	<	.033		UGG
ABB-ES	ORGANICS/SOIL/GCMS		4CANIL	OEXL	22-MAY-98	28-MAY-98	<	.81	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4CANIL	OEYL	28-MAY-98	16-JUN-98	<	.81		UGG
ABB-ES	ORGANICS/SOIL/GCMS		4CL3C	OEXL	22-MAY-98	28-MAY-98	<	.095	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4CL3C	OEYL	28-MAY-98	16-JUN-98	<	.095		UGG
ABB-ES	ORGANICS/SOIL/GCMS		4CLPPE	OEXL	22-MAY-98	28-MAY-98	<	.033	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4CLPPE	OEYL	28-MAY-98	16-JUN-98	<	.033		UGG
ABB-ES	ORGANICS/SOIL/GCMS		4MP	OEXL	22-MAY-98	28-MAY-98	<	.24	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4MP	OEYL	28-MAY-98	16-JUN-98	<	.24		UGG
ABB-ES	ORGANICS/SOIL/GCMS		4NANIL	OEXL	22-MAY-98	28-MAY-98	<	.41	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4NANIL	OEYL	28-MAY-98	16-JUN-98	<	.41		UGG
ABB-ES	ORGANICS/SOIL/GCMS		4NP	OEXL	22-MAY-98	28-MAY-98	<	1.4	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		4NP	OEYL	28-MAY-98	16-JUN-98	<	1.4		UGG
ABB-ES	ORGANICS/SOIL/GCMS		ABHC	OEXL	22-MAY-98	28-MAY-98	<	.27	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ABHC	OEYL	28-MAY-98	16-JUN-98	<	.27	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ACLDAN	OEXL	22-MAY-98	28-MAY-98	<	.33	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ACLDAN	OEYL	28-MAY-98	16-JUN-98	<	.33	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		AENSLF	OEXL	22-MAY-98	28-MAY-98	<	.62	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		AENSLF	OEYL	28-MAY-98	16-JUN-98	<	.62	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ALDRN	OEXL	22-MAY-98	28-MAY-98	<	.33	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ALDRN	OEYL	28-MAY-98	16-JUN-98	<	.33	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANAPNE	OEXL	22-MAY-98	28-MAY-98	<	.036	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANAPNE	OEYL	28-MAY-98	16-JUN-98	<	.036		UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANAPYL	OEXL	22-MAY-98	28-MAY-98	<	.033	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANAPYL	OEYL	28-MAY-98	16-JUN-98	<	.033		UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANTRC	OEXL	22-MAY-98	28-MAY-98	<	.033	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ANTRC	OEYL	28-MAY-98	16-JUN-98	<	.033		UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2CEXM	OEXL	22-MAY-98	28-MAY-98	<	.059	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2CEXM	OEYL	28-MAY-98	16-JUN-98	<	.059		UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2CIPE	OEXL	22-MAY-98	28-MAY-98	<	.2	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2CIPE	OEYL	28-MAY-98	16-JUN-98	<	.2		UGG

TABLE D-1

METHOD BLANKS (Soil)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2CLEE	OEXL	22-MAY-98	28-MAY-98	<	.033	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2CLEE	OEYL	28-MAY-98	16-JUN-98	<	.033		UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2EHP	OEXL	22-MAY-98	28-MAY-98	<	.62	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		B2EHP	OEYL	28-MAY-98	16-JUN-98	<	.62		UGG
ABB-ES	ORGANICS/SOIL/GCMS		BAANTR	OEXL	22-MAY-98	28-MAY-98	<	.17	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BAANTR	OEYL	28-MAY-98	16-JUN-98	<	.17		UGG
ABB-ES	ORGANICS/SOIL/GCMS		BAPYR	OEXL	22-MAY-98	28-MAY-98	<	.25	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BAPYR	OEYL	28-MAY-98	16-JUN-98	<	.25		UGG
ABB-ES	ORGANICS/SOIL/GCMS		BBFANT	OEXL	22-MAY-98	28-MAY-98	<	.21	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BBFANT	OEYL	28-MAY-98	16-JUN-98	<	.21		UGG
ABB-ES	ORGANICS/SOIL/GCMS		BBHC	OEXL	22-MAY-98	28-MAY-98	<	.27	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BBHC	OEYL	28-MAY-98	16-JUN-98	<	.27	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BBZP	OEXL	22-MAY-98	28-MAY-98	<	.17	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BBZP	OEYL	28-MAY-98	16-JUN-98	<	.17		UGG
ABB-ES	ORGANICS/SOIL/GCMS		BENSLF	OEXL	22-MAY-98	28-MAY-98	<	.62	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BENSLF	OEYL	28-MAY-98	16-JUN-98	<	.62	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BENZID	OEXL	22-MAY-98	28-MAY-98	<	.85	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BENZID	OEYL	28-MAY-98	16-JUN-98	<	.85	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BENZOA	OEXL	22-MAY-98	28-MAY-98	<	6.1	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BENZOA	OEYL	28-MAY-98	16-JUN-98	<	6.1	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BGHIPY	OEXL	22-MAY-98	28-MAY-98	<	.25	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BGHIPY	OEYL	28-MAY-98	16-JUN-98	<	.25		UGG
ABB-ES	ORGANICS/SOIL/GCMS		BKFANT	OEXL	22-MAY-98	28-MAY-98	<	.066	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BKFANT	OEYL	28-MAY-98	16-JUN-98	<	.066		UGG
ABB-ES	ORGANICS/SOIL/GCMS		BZALC	OEXL	22-MAY-98	28-MAY-98	<	.19	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		BZALC	OEYL	28-MAY-98	16-JUN-98	<	.19		UGG
ABB-ES	ORGANICS/SOIL/GCMS		CARBAZ	OEXL	22-MAY-98	28-MAY-98	<	.14	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CARBAZ	OEYL	28-MAY-98	16-JUN-98	<	.14		UGG
ABB-ES	ORGANICS/SOIL/GCMS		CHRY	OEXL	22-MAY-98	28-MAY-98	<	.12	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CHRY	OEYL	28-MAY-98	16-JUN-98	<	.12		UGG
ABB-ES	ORGANICS/SOIL/GCMS		CL6BZ	OEXL	22-MAY-98	28-MAY-98	<	.033	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CL6BZ	OEYL	28-MAY-98	16-JUN-98	<	.033		UGG
ABB-ES	ORGANICS/SOIL/GCMS		CL6CP	OEXL	22-MAY-98	28-MAY-98	<	6.2	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CL6CP	OEYL	28-MAY-98	16-JUN-98	<	6.2		UGG
ABB-ES	ORGANICS/SOIL/GCMS		CL6ET	OEXL	22-MAY-98	28-MAY-98	<	.15	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		CL6ET	OEYL	28-MAY-98	16-JUN-98	<	.15		UGG

TABLE D-1

METHOD BLANKS (Soil)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DBAHA	OEXL	22-MAY-98	28-MAY-98	<	.21	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DBAHA	OEYL	28-MAY-98	16-JUN-98	<	.21		UGG
ABB-ES	ORGANICS/SOIL/GCMS		DBHC	OEXL	22-MAY-98	28-MAY-98	<	.27	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DBHC	OEYL	28-MAY-98	16-JUN-98	<	.27	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DBZFUR	OEXL	22-MAY-98	28-MAY-98	<	.035	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DBZFUR	OEYL	28-MAY-98	16-JUN-98	<	.035		UGG
ABB-ES	ORGANICS/SOIL/GCMS		DEP	OEXL	22-MAY-98	28-MAY-98	<	.24	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DEP	OEYL	28-MAY-98	16-JUN-98	<	.24		UGG
ABB-ES	ORGANICS/SOIL/GCMS		DIACAL	OEYL	28-MAY-98	16-JUN-98		.3	WS	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DLDRN	OEXL	22-MAY-98	28-MAY-98	<	.31	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DLDRN	OEYL	28-MAY-98	16-JUN-98	<	.31	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DMP	OEXL	22-MAY-98	28-MAY-98	<	.17	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DMP	OEYL	28-MAY-98	16-JUN-98	<	.17		UGG
ABB-ES	ORGANICS/SOIL/GCMS		DNBP	OEXL	22-MAY-98	28-MAY-98	<	.061	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DNBP	OEYL	28-MAY-98	16-JUN-98	<	.061		UGG
ABB-ES	ORGANICS/SOIL/GCMS		DNOP	OEXL	22-MAY-98	28-MAY-98	<	.19	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		DNOP	OEYL	28-MAY-98	16-JUN-98	<	.19		UGG
ABB-ES	ORGANICS/SOIL/GCMS		ENDRN	OEXL	22-MAY-98	28-MAY-98	<	.45	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ENDRN	OEYL	28-MAY-98	16-JUN-98	<	.45	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ENDRNA	OEXL	22-MAY-98	28-MAY-98	<	.53	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ENDRNA	OEYL	28-MAY-98	16-JUN-98	<	.53	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ENDRNK	OEXL	22-MAY-98	28-MAY-98	<	.53	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ENDRNK	OEYL	28-MAY-98	16-JUN-98	<	.53	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ESFSO4	OEXL	22-MAY-98	28-MAY-98	<	.62	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ESFSO4	OEYL	28-MAY-98	16-JUN-98	<	.62	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		FANT	OEXL	22-MAY-98	28-MAY-98	<	.068	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		FANT	OEYL	28-MAY-98	16-JUN-98	<	.068		UGG
ABB-ES	ORGANICS/SOIL/GCMS		FLRENE	OEXL	22-MAY-98	28-MAY-98	<	.033	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		FLRENE	OEYL	28-MAY-98	16-JUN-98	<	.033		UGG
ABB-ES	ORGANICS/SOIL/GCMS		GCLDAN	OEXL	22-MAY-98	28-MAY-98	<	.33	RW	UGG
ABB-ES	ORGANICS/SOIL/GCMS		GCLDAN	OEYL	28-MAY-98	16-JUN-98	<	.33	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		HCBD	OEXL	22-MAY-98	28-MAY-98	<	.23	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		HCBD	OEYL	28-MAY-98	16-JUN-98	<	.23		UGG
ABB-ES	ORGANICS/SOIL/GCMS		HPCL	OEXL	22-MAY-98	28-MAY-98	<	.13	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		HPCL	OEYL	28-MAY-98	16-JUN-98	<	.13	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		HPCLE	OEXL	22-MAY-98	28-MAY-98	<	.33	RW	UGG

TABLE D-1

METHOD BLANKS (Soil)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	ORGANICS/SOIL/GCMS	LM18	HPCLE	OEYL	28-MAY-98	16-JUN-98	<	.33	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ICDPYR	OEXL	22-MAY-98	28-MAY-98	<	.29	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ICDPYR	OEYL	28-MAY-98	16-JUN-98	<	.29		UGG
ABB-ES	ORGANICS/SOIL/GCMS		ISOPHR	OEXL	22-MAY-98	28-MAY-98	<	.033	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		ISOPHR	OEYL	28-MAY-98	16-JUN-98	<	.033		UGG
ABB-ES	ORGANICS/SOIL/GCMS		LIN	OEXL	22-MAY-98	28-MAY-98	<	.27	RW	UGG
ABB-ES	ORGANICS/SOIL/GCMS		LIN	OEYL	28-MAY-98	16-JUN-98	<	.27	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		MEXCLR	OEXL	22-MAY-98	28-MAY-98	<	.33	RW	UGG
ABB-ES	ORGANICS/SOIL/GCMS		MEXCLR	OEYL	28-MAY-98	16-JUN-98	<	.33	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NAP	OEXL	22-MAY-98	28-MAY-98	<	.037	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NAP	OEYL	28-MAY-98	16-JUN-98	<	.037		UGG
ABB-ES	ORGANICS/SOIL/GCMS		NB	OEXL	22-MAY-98	28-MAY-98	<	.045	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NB	OEYL	28-MAY-98	16-JUN-98	<	.045		UGG
ABB-ES	ORGANICS/SOIL/GCMS		NNDMEA	OEXL	22-MAY-98	28-MAY-98	<	.14	RW	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NNDMEA	OEYL	28-MAY-98	16-JUN-98	<	.14	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NNDNPA	OEXL	22-MAY-98	28-MAY-98	<	.2	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NNDNPA	OEYL	28-MAY-98	16-JUN-98	<	.2		UGG
ABB-ES	ORGANICS/SOIL/GCMS		NNDPA	OEXL	22-MAY-98	28-MAY-98	<	.19	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		NNDPA	OEYL	28-MAY-98	16-JUN-98	<	.19		UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB016	OEXL	22-MAY-98	28-MAY-98	<	1.4	RW	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB016	OEYL	28-MAY-98	16-JUN-98	<	1.4	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB221	OEXL	22-MAY-98	28-MAY-98	<	1.4	RW	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB221	OEYL	28-MAY-98	16-JUN-98	<	1.4	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB232	OEXL	22-MAY-98	28-MAY-98	<	1.4	RW	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB232	OEYL	28-MAY-98	16-JUN-98	<	1.4	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB242	OEXL	22-MAY-98	28-MAY-98	<	1.4	RW	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB242	OEYL	28-MAY-98	16-JUN-98	<	1.4	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB248	OEXL	22-MAY-98	28-MAY-98	<	2	RW	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB248	OEYL	28-MAY-98	16-JUN-98	<	2	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB254	OEXL	22-MAY-98	28-MAY-98	<	2.3	RW	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB254	OEYL	28-MAY-98	16-JUN-98	<	2.3	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB260	OEXL	22-MAY-98	28-MAY-98	<	2.6	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCB260	OEYL	28-MAY-98	16-JUN-98	<	2.6	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCP	OEXL	22-MAY-98	28-MAY-98	<	1.3	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PCP	OEYL	28-MAY-98	16-JUN-98	<	1.3		UGG
ABB-ES	ORGANICS/SOIL/GCMS		PHANTR	OEXL	22-MAY-98	28-MAY-98	<	.033	W	UGG

TABLE D-1

METHOD BLANKS (Soil)
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1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHANTR	OEYL	28-MAY-98	16-JUN-98	<	.033		UGG
ABB-ES	ORGANICS/SOIL/GCMS		PHENOL	OEXL	22-MAY-98	28-MAY-98	<	.11	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PHENOL	OEYL	28-MAY-98	16-JUN-98	<	.11		UGG
ABB-ES	ORGANICS/SOIL/GCMS		PPDDD	OEXL	22-MAY-98	28-MAY-98	<	.27	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PPDDD	OEYL	28-MAY-98	16-JUN-98	<	.27	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PPDDE	OEXL	22-MAY-98	28-MAY-98	<	.31	RW	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PPDDE	OEYL	28-MAY-98	16-JUN-98	<	.31	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PPDDT	OEXL	22-MAY-98	28-MAY-98	<	.31	WR	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PPDDT	OEYL	28-MAY-98	16-JUN-98	<	.31	R	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PYR	OEXL	22-MAY-98	28-MAY-98	<	.033	W	UGG
ABB-ES	ORGANICS/SOIL/GCMS		PYR	OEYL	28-MAY-98	16-JUN-98	<	.033		UGG
ABB-ES	ORGANICS/SOIL/GCMS		TXPHEN	OEXL	22-MAY-98	28-MAY-98	<	2.6	RW	UGG
ABB-ES	ORGANICS/SOIL/GCMS		TXPHEN	OEYL	28-MAY-98	16-JUN-98	<	2.6	R	UGG
ABB-ES	VOLATILES/SOIL/GCMS	LM19	111TCE	YGOL	28-MAY-98	28-MAY-98	<	.0044	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		112TCE	YGOL	28-MAY-98	28-MAY-98	<	.0054	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		11DCE	YGOL	28-MAY-98	28-MAY-98	<	.0039	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		11DCLE	YGOL	28-MAY-98	28-MAY-98	<	.0023	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		12DCE	YGOL	28-MAY-98	28-MAY-98	<	.003	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		12DCLE	YGOL	28-MAY-98	28-MAY-98	<	.0017	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		12DCLP	YGOL	28-MAY-98	28-MAY-98	<	.0029	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		2CLEVE	YGOL	28-MAY-98	28-MAY-98	<	.01	WR	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ACET	YGOL	28-MAY-98	28-MAY-98	<	.017	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ACROLN	YGOL	28-MAY-98	28-MAY-98	<	.1	WR	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ACRYLO	YGOL	28-MAY-98	28-MAY-98	<	.1	WR	UGG
ABB-ES	VOLATILES/SOIL/GCMS		BRDCLM	YGOL	28-MAY-98	28-MAY-98	<	.0029	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C13DCP	YGOL	28-MAY-98	28-MAY-98	<	.0032	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C2AVE	YGOL	28-MAY-98	28-MAY-98	<	.032	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C2H3CL	YGOL	28-MAY-98	28-MAY-98	<	.0062	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C2H5CL	YGOL	28-MAY-98	28-MAY-98	<	.012	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		C6H6	YGOL	28-MAY-98	28-MAY-98	<	.0015	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CCL3F	YGOL	28-MAY-98	28-MAY-98	<	.0059	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CCL4	YGOL	28-MAY-98	28-MAY-98	<	.007	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CH2CL2	YGOL	28-MAY-98	28-MAY-98	<	.012	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CH3BR	YGOL	28-MAY-98	28-MAY-98	<	.0057	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CH3CL	YGOL	28-MAY-98	28-MAY-98	<	.0088	W	UGG

TABLE D-1

METHOD BLANKS (Soil)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CHBR3	YGOL	28-MAY-98	28-MAY-98	<	.0069	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CHCL3	YGOL	28-MAY-98	28-MAY-98	<	.00087	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CL2BZ	YGOL	28-MAY-98	28-MAY-98	<	.1	WR	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CLC6H5	YGOL	28-MAY-98	28-MAY-98	<	.00086	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		CS2	YGOL	28-MAY-98	28-MAY-98	<	.0044	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		DBRCLM	YGOL	28-MAY-98	28-MAY-98	<	.0031	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		ETC6H5	YGOL	28-MAY-98	28-MAY-98	<	.0017	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		MEC6H5	YGOL	28-MAY-98	28-MAY-98	<	.00078	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		MEK	YGOL	28-MAY-98	28-MAY-98	<	.07	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		MIBK	YGOL	28-MAY-98	28-MAY-98	<	.027	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		MNBK	YGOL	28-MAY-98	28-MAY-98	<	.032	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		STYR	YGOL	28-MAY-98	28-MAY-98	<	.0026	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		T13DCP	YGOL	28-MAY-98	28-MAY-98	<	.0028	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		TCLEA	YGOL	28-MAY-98	28-MAY-98	<	.0024	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		TCLEE	YGOL	28-MAY-98	28-MAY-98	<	.00081	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		TRCLE	YGOL	28-MAY-98	28-MAY-98	<	.0028	W	UGG
ABB-ES	VOLATILES/SOIL/GCMS		XYLEN	YGOL	28-MAY-98	28-MAY-98	<	.0015	W	UGG

TABLE D-2

METHOD BLANKS (Water)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES		1602	TSS	YLME	27-MAY-98	27-MAY-98	<	4000		UGL
ABB-ES			TSS	YLNE	02-JUN-98	02-JUN-98	<	4000		UGL
ABB-ES	METALS/WATER/ICP-MS	S303	AS	OKNB	28-JUN-98	30-JUN-98	<	1		UGL
?	METALS/WATER/ICP-MS		AS	OKPB	10-AUG-98	12-AUG-98	<	1		UGL
?	METALS/WATER/ICP-MS		PB	OKRB	28-JUN-98	29-OCT-98	<	1		UGL
?	METALS/WATER/ICP-MS		PB	OKSB	28-JUN-98	12-NOV-98	<	1		UGL
?	METALS/WATER/ICP-MS		SB	OKRB	28-JUN-98	29-OCT-98	<	1		UGL
?	METALS/WATER/ICP-MS		SB	OKSB	28-JUN-98	12-NOV-98	<	1		UGL
?	METALS/WATER/ICP-MS		SE	OKRB	28-JUN-98	29-OCT-98	<	2		UGL
?	METALS/WATER/ICP-MS		SE	OKSB	28-JUN-98	12-NOV-98	<	2		UGL
ABB-ES	METALS/WATER/ICP	SS18	BA	OGHG	01-JUN-98	03-JUN-98	<	2.5		UGL
ABB-ES	METALS/WATER/ICP		CU	OGHG	01-JUN-98	03-JUN-98	<	5		UGL
ABB-ES	METALS/WATER/ICP		MN	OGHG	01-JUN-98	03-JUN-98		11	W	UGL
ABB-ES	METALS/WATER/ICP		MN	OGJG	08-JUN-98	09-JUN-98	<	2.5		UGL
ABB-ES	METALS/WATER/ICP		PB	OGHG	01-JUN-98	03-JUN-98	<	50		UGL
ABB-ES	METALS/WATER/ICP		SB	OGHG	01-JUN-98	03-JUN-98	<	50		UGL
ABB-ES	METALS/WATER/ICP		SE	OGHG	01-JUN-98	03-JUN-98	<	50		UGL
ABB-ES	METALS/WATER/ICP		ZN	OGHG	01-JUN-98	03-JUN-98	<	35.8		UGL
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB016	SDUG	26-MAY-98	02-JUN-98	<	.16		UGL
?	PESTICIDES/WATER/GCEC		PCB016	SDVG	28-MAY-98	02-JUN-98	<	.16		UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB016	SDWG	01-JUN-98	24-JUN-98	<	.16		UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB016	SDXG	08-JUL-98	23-JUL-98	<	.16		UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB221	SDUG	26-MAY-98	02-JUN-98	<	.16	T	UGL
?	PESTICIDES/WATER/GCEC		PCB221	SDVG	28-MAY-98	02-JUN-98	<	.16	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB221	SDWG	01-JUN-98	24-JUN-98	<	.16	WT	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB221	SDXG	08-JUL-98	23-JUL-98	<	.16	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB232	SDUG	26-MAY-98	02-JUN-98	<	.16	T	UGL
?	PESTICIDES/WATER/GCEC		PCB232	SDVG	28-MAY-98	02-JUN-98	<	.16	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB232	SDWG	01-JUN-98	24-JUN-98	<	.16	WT	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB232	SDXG	08-JUL-98	23-JUL-98	<	.16	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB242	SDUG	26-MAY-98	02-JUN-98	<	.19	T	UGL
?	PESTICIDES/WATER/GCEC		PCB242	SDVG	28-MAY-98	02-JUN-98	<	.19	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB242	SDWG	01-JUN-98	24-JUN-98	<	.19	WT	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB242	SDXG	08-JUL-98	23-JUL-98	<	.19	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB248	SDUG	26-MAY-98	02-JUN-98	<	.19	T	UGL
?	PESTICIDES/WATER/GCEC		PCB248	SDVG	28-MAY-98	02-JUN-98	<	.19	T	UGL

TABLE D-2

METHOD BLANKS (Water)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB248	SDWG	01-JUN-98	24-JUN-98	<	.19	WT	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB248	SDXG	08-JUL-98	23-JUL-98	<	.19	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB254	SDUG	26-MAY-98	02-JUN-98	<	.19	T	UGL
?	PESTICIDES/WATER/GCEC		PCB254	SDVG	28-MAY-98	02-JUN-98	<	.19	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB254	SDWG	01-JUN-98	24-JUN-98	<	.19	WT	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB254	SDXG	08-JUL-98	23-JUL-98	<	.19	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB260	SDUG	26-MAY-98	02-JUN-98	<	.19		UGL
?	PESTICIDES/WATER/GCEC		PCB260	SDVG	28-MAY-98	02-JUN-98	<	.19		UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB260	SDWG	01-JUN-98	24-JUN-98	<	.19		UGL
ABB-ES	PESTICIDES/WATER/GCEC		PCB260	SDXG	08-JUL-98	23-JUL-98	<	.19		UGL
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ABHC	TDNI	28-MAY-98	27-JUN-98	<	.0385		UGL
ABB-ES	PESTICIDES/WATER/GCEC		ABHC	TDOI	01-JUN-98	27-JUN-98	<	.0385	W	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ACLDAN	TDNI	28-MAY-98	27-JUN-98	<	.075	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ACLDAN	TDOI	01-JUN-98	27-JUN-98	<	.075	WT	UGL
ABB-ES	PESTICIDES/WATER/GCEC		AENSLF	TDNI	28-MAY-98	27-JUN-98	<	.023		UGL
ABB-ES	PESTICIDES/WATER/GCEC		AENSLF	TDOI	01-JUN-98	27-JUN-98	<	.023		UGL
ABB-ES	PESTICIDES/WATER/GCEC		ALDRN	TDNI	28-MAY-98	27-JUN-98	<	.0918		UGL
ABB-ES	PESTICIDES/WATER/GCEC		ALDRN	TDOI	01-JUN-98	27-JUN-98	<	.0918	W	UGL
ABB-ES	PESTICIDES/WATER/GCEC		BBHC	TDNI	28-MAY-98	27-JUN-98	<	.024		UGL
ABB-ES	PESTICIDES/WATER/GCEC		BBHC	TDOI	01-JUN-98	27-JUN-98	<	.024	W	UGL
ABB-ES	PESTICIDES/WATER/GCEC		BENSLF	TDNI	28-MAY-98	27-JUN-98	<	.023		UGL
ABB-ES	PESTICIDES/WATER/GCEC		BENSLF	TDOI	01-JUN-98	27-JUN-98	<	.023		UGL
ABB-ES	PESTICIDES/WATER/GCEC		DBHC	TDNI	28-MAY-98	27-JUN-98	<	.0293		UGL
ABB-ES	PESTICIDES/WATER/GCEC		DBHC	TDOI	01-JUN-98	27-JUN-98	<	.0293	W	UGL
ABB-ES	PESTICIDES/WATER/GCEC		DLDRN	TDNI	28-MAY-98	27-JUN-98	<	.024		UGL
ABB-ES	PESTICIDES/WATER/GCEC		DLDRN	TDOI	01-JUN-98	27-JUN-98	<	.024		UGL
ABB-ES	PESTICIDES/WATER/GCEC		ENDRN	TDNI	28-MAY-98	27-JUN-98	<	.0238		UGL
ABB-ES	PESTICIDES/WATER/GCEC		ENDRN	TDOI	01-JUN-98	27-JUN-98	<	.0238		UGL
ABB-ES	PESTICIDES/WATER/GCEC		ENDRNA	TDNI	28-MAY-98	27-JUN-98	<	.0285		UGL
ABB-ES	PESTICIDES/WATER/GCEC		ENDRNA	TDOI	01-JUN-98	27-JUN-98	<	.0285	W	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ENDRNK	TDNI	28-MAY-98	27-JUN-98	<	.0285	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ENDRNK	TDOI	01-JUN-98	27-JUN-98	<	.0285	WT	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ESFSO4	TDNI	28-MAY-98	27-JUN-98	<	.0786		UGL
ABB-ES	PESTICIDES/WATER/GCEC		ESFSO4	TDOI	01-JUN-98	27-JUN-98	<	.0786	W	UGL
ABB-ES	PESTICIDES/WATER/GCEC		GCLDAN	TDNI	28-MAY-98	27-JUN-98	<	.075	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		GCLDAN	TDOI	01-JUN-98	27-JUN-98	<	.075	WT	UGL
ABB-ES	PESTICIDES/WATER/GCEC		HPCL	TDNI	28-MAY-98	27-JUN-98	<	.0423		UGL
ABB-ES	PESTICIDES/WATER/GCEC		HPCL	TDOI	01-JUN-98	27-JUN-98	<	.0423		UGL

TABLE D-2

METHOD BLANKS (Water)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	PESTICIDES/WATER/GCEC	UH13	HPCLE	TDNI	28-MAY-98	27-JUN-98	<	.0245		UGL
ABB-ES	PESTICIDES/WATER/GCEC		HPCLE	TDOI	01-JUN-98	27-JUN-98	<	.0245	W	UGL
ABB-ES	PESTICIDES/WATER/GCEC		ISODR	TDNI	28-MAY-98	27-JUN-98	<	.0562		UGL
ABB-ES	PESTICIDES/WATER/GCEC		ISODR	TDOI	01-JUN-98	27-JUN-98	<	.0562		UGL
ABB-ES	PESTICIDES/WATER/GCEC		LIN	TDNI	28-MAY-98	27-JUN-98	<	.0507		UGL
ABB-ES	PESTICIDES/WATER/GCEC		LIN	TDOI	01-JUN-98	27-JUN-98	<	.0507		UGL
ABB-ES	PESTICIDES/WATER/GCEC		MEXCLR	TDNI	28-MAY-98	27-JUN-98	<	.057		UGL
ABB-ES	PESTICIDES/WATER/GCEC		MEXCLR	TDOI	01-JUN-98	27-JUN-98	<	.057	W	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PPDDD	TDNI	28-MAY-98	27-JUN-98	<	.0233		UGL
ABB-ES	PESTICIDES/WATER/GCEC		PPDDD	TDOI	01-JUN-98	27-JUN-98	<	.0233	W	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PPDDE	TDNI	28-MAY-98	27-JUN-98	<	.027		UGL
ABB-ES	PESTICIDES/WATER/GCEC		PPDDE	TDOI	01-JUN-98	27-JUN-98	<	.027	W	UGL
ABB-ES	PESTICIDES/WATER/GCEC		PPDDT	TDNI	28-MAY-98	27-JUN-98	<	.034		UGL
ABB-ES	PESTICIDES/WATER/GCEC		PPDDT	TDOI	01-JUN-98	27-JUN-98	<	.034		UGL
ABB-ES	PESTICIDES/WATER/GCEC		TXPHEN	TDNI	28-MAY-98	27-JUN-98	<	1.35		UGL
ABB-ES	PESTICIDES/WATER/GCEC		TXPHEN	TDOI	01-JUN-98	27-JUN-98	<	1.35	W	UGL
ABB-ES	ORGANICS/WATER/GCMS	UM18	124TCB	WDHO	28-MAY-98	15-JUN-98	<	1.8		UGL
ABB-ES	ORGANICS/WATER/GCMS		124TCB	WDIO	01-JUN-98	16-JUN-98	<	1.8		UGL
ABB-ES	ORGANICS/WATER/GCMS		12DCLB	WDHO	28-MAY-98	15-JUN-98	<	1.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		12DCLB	WDIO	01-JUN-98	16-JUN-98	<	1.7	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		12DPH	WDHO	28-MAY-98	15-JUN-98	<	2	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		12DPH	WDIO	01-JUN-98	16-JUN-98	<	2	WR	UGL
ABB-ES	ORGANICS/WATER/GCMS		13DCLB	WDHO	28-MAY-98	15-JUN-98	<	1.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		13DCLB	WDIO	01-JUN-98	16-JUN-98	<	1.7	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		14DCLB	WDHO	28-MAY-98	15-JUN-98	<	1.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		14DCLB	WDIO	01-JUN-98	16-JUN-98	<	1.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		245TCP	WDHO	28-MAY-98	15-JUN-98	<	5.2		UGL
ABB-ES	ORGANICS/WATER/GCMS		245TCP	WDIO	01-JUN-98	16-JUN-98	<	5.2	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		246TCP	WDHO	28-MAY-98	15-JUN-98	<	4.2		UGL
ABB-ES	ORGANICS/WATER/GCMS		246TCP	WDIO	01-JUN-98	16-JUN-98	<	4.2	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		24DCLP	WDHO	28-MAY-98	15-JUN-98	<	2.9		UGL
ABB-ES	ORGANICS/WATER/GCMS		24DCLP	WDIO	01-JUN-98	16-JUN-98	<	2.9	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		24DMPN	WDHO	28-MAY-98	15-JUN-98	<	5.8		UGL
ABB-ES	ORGANICS/WATER/GCMS		24DMPN	WDIO	01-JUN-98	16-JUN-98	<	5.8	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		24DNP	WDHO	28-MAY-98	15-JUN-98	<	21		UGL

TABLE D-2

METHOD BLANKS (Water)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DNP	WDIO	01-JUN-98	16-JUN-98	<	21	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		24DNT	WDHO	28-MAY-98	15-JUN-98	<	4.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		24DNT	WDIO	01-JUN-98	16-JUN-98	<	4.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		26DNT	WDHO	28-MAY-98	15-JUN-98	<	.79		UGL
ABB-ES	ORGANICS/WATER/GCMS		26DNT	WDIO	01-JUN-98	16-JUN-98	<	.79	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		2CLP	WDHO	28-MAY-98	15-JUN-98	<	.99		UGL
ABB-ES	ORGANICS/WATER/GCMS		2CLP	WDIO	01-JUN-98	16-JUN-98	<	.99		UGL
ABB-ES	ORGANICS/WATER/GCMS		2CNAP	WDHO	28-MAY-98	15-JUN-98	<	.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		2CNAP	WDIO	01-JUN-98	16-JUN-98	<	.5	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		2MNAP	WDHO	28-MAY-98	15-JUN-98	<	1.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		2MNAP	WDIO	01-JUN-98	16-JUN-98	<	1.7	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		2MP	WDHO	28-MAY-98	15-JUN-98	<	3.9		UGL
ABB-ES	ORGANICS/WATER/GCMS		2MP	WDIO	01-JUN-98	16-JUN-98	<	3.9	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		2NANIL	WDHO	28-MAY-98	15-JUN-98	<	4.3		UGL
ABB-ES	ORGANICS/WATER/GCMS		2NANIL	WDIO	01-JUN-98	16-JUN-98	<	4.3	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		2NP	WDHO	28-MAY-98	15-JUN-98	<	3.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		2NP	WDIO	01-JUN-98	16-JUN-98	<	3.7	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		33DCBD	WDHO	28-MAY-98	15-JUN-98	<	12		UGL
ABB-ES	ORGANICS/WATER/GCMS		33DCBD	WDIO	01-JUN-98	16-JUN-98	<	12	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		3NANIL	WDHO	28-MAY-98	15-JUN-98	<	4.9		UGL
ABB-ES	ORGANICS/WATER/GCMS		3NANIL	WDIO	01-JUN-98	16-JUN-98	<	4.9	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		46DN2C	WDHO	28-MAY-98	15-JUN-98	<	17		UGL
ABB-ES	ORGANICS/WATER/GCMS		46DN2C	WDIO	01-JUN-98	16-JUN-98	<	17	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		4BRPPE	WDHO	28-MAY-98	15-JUN-98	<	4.2		UGL
ABB-ES	ORGANICS/WATER/GCMS		4BRPPE	WDIO	01-JUN-98	16-JUN-98	<	4.2	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		4CANIL	WDHO	28-MAY-98	15-JUN-98	<	7.3		UGL
ABB-ES	ORGANICS/WATER/GCMS		4CANIL	WDIO	01-JUN-98	16-JUN-98	<	7.3	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		4CL3C	WDHO	28-MAY-98	15-JUN-98	<	4		UGL
ABB-ES	ORGANICS/WATER/GCMS		4CL3C	WDIO	01-JUN-98	16-JUN-98	<	4		UGL
ABB-ES	ORGANICS/WATER/GCMS		4CLPPE	WDHO	28-MAY-98	15-JUN-98	<	5.1		UGL
ABB-ES	ORGANICS/WATER/GCMS		4CLPPE	WDIO	01-JUN-98	16-JUN-98	<	5.1	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		4MP	WDHO	28-MAY-98	15-JUN-98	<	.52		UGL
ABB-ES	ORGANICS/WATER/GCMS		4MP	WDIO	01-JUN-98	16-JUN-98	<	.52	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		4NANIL	WDHO	28-MAY-98	15-JUN-98	<	5.2		UGL
ABB-ES	ORGANICS/WATER/GCMS		4NANIL	WDIO	01-JUN-98	16-JUN-98	<	5.2	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		4NP	WDHO	28-MAY-98	15-JUN-98	<	12		UGL

TABLE D-2

METHOD BLANKS (Water)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	4NP	WDIO	01-JUN-98	16-JUN-98	<	12		UGL
ABB-ES	ORGANICS/WATER/GCMS		ABHC	WDHO	28-MAY-98	15-JUN-98	<	4	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		ABHC	WDIO	01-JUN-98	16-JUN-98	<	4	WR	UGL
ABB-ES	ORGANICS/WATER/GCMS		ACLDAN	WDHO	28-MAY-98	15-JUN-98	<	5.1	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		ACLDAN	WDIO	01-JUN-98	16-JUN-98	<	5.1	WR	UGL
ABB-ES	ORGANICS/WATER/GCMS		AENSLF	WDHO	28-MAY-98	15-JUN-98	<	9.2	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		AENSLF	WDIO	01-JUN-98	16-JUN-98	<	9.2	WR	UGL
ABB-ES	ORGANICS/WATER/GCMS		ALDRN	WDHO	28-MAY-98	15-JUN-98	<	4.7	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		ALDRN	WDIO	01-JUN-98	16-JUN-98	<	4.7	WR	UGL
ABB-ES	ORGANICS/WATER/GCMS		ANAPNE	WDHO	28-MAY-98	15-JUN-98	<	1.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		ANAPNE	WDIO	01-JUN-98	16-JUN-98	<	1.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		ANAPYL	WDHO	28-MAY-98	15-JUN-98	<	.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		ANAPYL	WDIO	01-JUN-98	16-JUN-98	<	.5	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		ANTRC	WDHO	28-MAY-98	15-JUN-98	<	.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		ANTRC	WDIO	01-JUN-98	16-JUN-98	<	.5	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		B2CEXM	WDHO	28-MAY-98	15-JUN-98	<	1.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		B2CEXM	WDIO	01-JUN-98	16-JUN-98	<	1.5	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		B2CIPE	WDHO	28-MAY-98	15-JUN-98	<	5.3		UGL
ABB-ES	ORGANICS/WATER/GCMS		B2CIPE	WDIO	01-JUN-98	16-JUN-98	<	5.3	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		B2CLEE	WDHO	28-MAY-98	15-JUN-98	<	1.9		UGL
ABB-ES	ORGANICS/WATER/GCMS		B2CLEE	WDIO	01-JUN-98	16-JUN-98	<	1.9	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		B2EHP	WDHO	28-MAY-98	15-JUN-98		29		UGL
ABB-ES	ORGANICS/WATER/GCMS		B2EHP	WDIO	01-JUN-98	16-JUN-98	<	4.8	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		BAANTR	WDHO	28-MAY-98	15-JUN-98	<	1.6		UGL
ABB-ES	ORGANICS/WATER/GCMS		BAANTR	WDIO	01-JUN-98	16-JUN-98	<	1.6	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		BAPYR	WDHO	28-MAY-98	15-JUN-98	<	4.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		BAPYR	WDIO	01-JUN-98	16-JUN-98	<	4.7	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		BBFANT	WDHO	28-MAY-98	15-JUN-98	<	5.4		UGL
ABB-ES	ORGANICS/WATER/GCMS		BBFANT	WDIO	01-JUN-98	16-JUN-98	<	5.4	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		BBHC	WDHO	28-MAY-98	15-JUN-98	<	4	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		BBHC	WDIO	01-JUN-98	16-JUN-98	<	4	RW	UGL
ABB-ES	ORGANICS/WATER/GCMS		BBZP	WDHO	28-MAY-98	15-JUN-98	<	3.4		UGL
ABB-ES	ORGANICS/WATER/GCMS		BBZP	WDIO	01-JUN-98	16-JUN-98	<	3.4	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		BENSLF	WDHO	28-MAY-98	15-JUN-98	<	9.2	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		BENSLF	WDIO	01-JUN-98	16-JUN-98	<	9.2	RW	UGL
ABB-ES	ORGANICS/WATER/GCMS		BENZID	WDHO	28-MAY-98	15-JUN-98	<	10	R	UGL

TABLE D-2

METHOD BLANKS (Water)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	BENZID	WDIO	01-JUN-98	16-JUN-98	<	10	WR	UGL
ABB-ES	ORGANICS/WATER/GCMS		BENZOA	WDHO	28-MAY-98	15-JUN-98	<	13		UGL
ABB-ES	ORGANICS/WATER/GCMS		BENZOA	WDIO	01-JUN-98	16-JUN-98	<	13	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		BGHIPY	WDHO	28-MAY-98	15-JUN-98	<	6.1		UGL
ABB-ES	ORGANICS/WATER/GCMS		BGHIPY	WDIO	01-JUN-98	16-JUN-98	<	6.1	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		BKFANT	WDHO	28-MAY-98	15-JUN-98	<	.87		UGL
ABB-ES	ORGANICS/WATER/GCMS		BKFANT	WDIO	01-JUN-98	16-JUN-98	<	.87	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		BZALC	WDHO	28-MAY-98	15-JUN-98	<	.72		UGL
ABB-ES	ORGANICS/WATER/GCMS		BZALC	WDIO	01-JUN-98	16-JUN-98	<	.72	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		CARBAZ	WDHO	28-MAY-98	15-JUN-98	<	2		UGL
ABB-ES	ORGANICS/WATER/GCMS		CARBAZ	WDIO	01-JUN-98	16-JUN-98	<	2	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		CHRY	WDHO	28-MAY-98	15-JUN-98	<	2.4		UGL
ABB-ES	ORGANICS/WATER/GCMS		CHRY	WDIO	01-JUN-98	16-JUN-98	<	2.4	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		CL6BZ	WDHO	28-MAY-98	15-JUN-98	<	1.6		UGL
ABB-ES	ORGANICS/WATER/GCMS		CL6BZ	WDIO	01-JUN-98	16-JUN-98	<	1.6	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		CL6CP	WDHO	28-MAY-98	15-JUN-98	<	8.6		UGL
ABB-ES	ORGANICS/WATER/GCMS		CL6CP	WDIO	01-JUN-98	16-JUN-98	<	8.6	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		CL6ET	WDHO	28-MAY-98	15-JUN-98	<	1.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		CL6ET	WDIO	01-JUN-98	16-JUN-98	<	1.5	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		DBAHA	WDHO	28-MAY-98	15-JUN-98	<	6.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		DBAHA	WDIO	01-JUN-98	16-JUN-98	<	6.5	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		DBHC	WDHO	28-MAY-98	15-JUN-98	<	4	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		DBHC	WDIO	01-JUN-98	16-JUN-98	<	4	WR	UGL
ABB-ES	ORGANICS/WATER/GCMS		DBZFUR	WDHO	28-MAY-98	15-JUN-98	<	1.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		DBZFUR	WDIO	01-JUN-98	16-JUN-98	<	1.7	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		DEP	WDHO	28-MAY-98	15-JUN-98	<	2		UGL
ABB-ES	ORGANICS/WATER/GCMS		DEP	WDIO	01-JUN-98	16-JUN-98	<	2	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		DLDRN	WDHO	28-MAY-98	15-JUN-98	<	4.7	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		DLDRN	WDIO	01-JUN-98	16-JUN-98	<	4.7	WR	UGL
ABB-ES	ORGANICS/WATER/GCMS		DMP	WDHO	28-MAY-98	15-JUN-98	<	1.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		DMP	WDIO	01-JUN-98	16-JUN-98	<	1.5	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		DNBP	WDHO	28-MAY-98	15-JUN-98	<	3.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		DNBP	WDIO	01-JUN-98	16-JUN-98	<	3.7	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		DNOP	WDHO	28-MAY-98	15-JUN-98	<	15		UGL
ABB-ES	ORGANICS/WATER/GCMS		DNOP	WDIO	01-JUN-98	16-JUN-98	<	15	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		ENDRN	WDHO	28-MAY-98	15-JUN-98	<	7.6	R	UGL

TABLE D-2

METHOD BLANKS (Water)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	ENDRN	WDIO	01-JUN-98	16-JUN-98	<	7.6	RW	UGL
ABB-ES	ORGANICS/WATER/GCMS		ENDRNA	WDHO	28-MAY-98	15-JUN-98	<	8	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		ENDRNA	WDIO	01-JUN-98	16-JUN-98	<	8	RW	UGL
ABB-ES	ORGANICS/WATER/GCMS		ENDRNK	WDHO	28-MAY-98	15-JUN-98	<	8	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		ENDRNK	WDIO	01-JUN-98	16-JUN-98	<	8	RW	UGL
ABB-ES	ORGANICS/WATER/GCMS		ESFSO4	WDHO	28-MAY-98	15-JUN-98	<	9.2	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		ESFSO4	WDIO	01-JUN-98	16-JUN-98	<	9.2	RW	UGL
ABB-ES	ORGANICS/WATER/GCMS		FANT	WDHO	28-MAY-98	15-JUN-98	<	3.3		UGL
ABB-ES	ORGANICS/WATER/GCMS		FANT	WDIO	01-JUN-98	16-JUN-98	<	3.3	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		FLRENE	WDHO	28-MAY-98	15-JUN-98	<	3.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		FLRENE	WDIO	01-JUN-98	16-JUN-98	<	3.7	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		GCLDAN	WDHO	28-MAY-98	15-JUN-98	<	5.1	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		GCLDAN	WDIO	01-JUN-98	16-JUN-98	<	5.1	RW	UGL
ABB-ES	ORGANICS/WATER/GCMS		HCBD	WDHO	28-MAY-98	15-JUN-98	<	3.4		UGL
ABB-ES	ORGANICS/WATER/GCMS		HCBD	WDIO	01-JUN-98	16-JUN-98	<	3.4	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		HPCL	WDHO	28-MAY-98	15-JUN-98	<	2	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		HPCL	WDIO	01-JUN-98	16-JUN-98	<	2	RW	UGL
ABB-ES	ORGANICS/WATER/GCMS		HPCLE	WDHO	28-MAY-98	15-JUN-98	<	5	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		HPCLE	WDIO	01-JUN-98	16-JUN-98	<	5	WR	UGL
ABB-ES	ORGANICS/WATER/GCMS		ICDPYR	WDHO	28-MAY-98	15-JUN-98	<	8.6		UGL
ABB-ES	ORGANICS/WATER/GCMS		ICDPYR	WDIO	01-JUN-98	16-JUN-98	<	8.6	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		ISOPHR	WDHO	28-MAY-98	15-JUN-98	<	4.8		UGL
ABB-ES	ORGANICS/WATER/GCMS		ISOPHR	WDIO	01-JUN-98	16-JUN-98	<	4.8	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		LIN	WDHO	28-MAY-98	15-JUN-98	<	4	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		LIN	WDIO	01-JUN-98	16-JUN-98	<	4	WR	UGL
ABB-ES	ORGANICS/WATER/GCMS		MEXCLR	WDHO	28-MAY-98	15-JUN-98	<	5.1	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		MEXCLR	WDIO	01-JUN-98	16-JUN-98	<	5.1	RW	UGL
ABB-ES	ORGANICS/WATER/GCMS		NAP	WDHO	28-MAY-98	15-JUN-98	<	.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		NAP	WDIO	01-JUN-98	16-JUN-98	<	.5	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		NB	WDHO	28-MAY-98	15-JUN-98	<	.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		NB	WDIO	01-JUN-98	16-JUN-98	<	.5	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		NNDMEA	WDHO	28-MAY-98	15-JUN-98	<	2	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		NNDMEA	WDIO	01-JUN-98	16-JUN-98	<	2	RW	UGL
ABB-ES	ORGANICS/WATER/GCMS		NNDNPA	WDHO	28-MAY-98	15-JUN-98	<	4.4		UGL
ABB-ES	ORGANICS/WATER/GCMS		NNDNPA	WDIO	01-JUN-98	16-JUN-98	<	4.4		UGL
ABB-ES	ORGANICS/WATER/GCMS		NNDPA	WDHO	28-MAY-98	15-JUN-98	<	3		UGL

TABLE D-2

METHOD BLANKS (Water)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	NNDPA	WDIO	01-JUN-98	16-JUN-98	<	3	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB016	WDHO	28-MAY-98	15-JUN-98	<	21	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB016	WDIO	01-JUN-98	16-JUN-98	<	21	RW	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB221	WDHO	28-MAY-98	15-JUN-98	<	21	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB221	WDIO	01-JUN-98	16-JUN-98	<	21	WR	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB232	WDHO	28-MAY-98	15-JUN-98	<	21	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB232	WDIO	01-JUN-98	16-JUN-98	<	21	WR	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB242	WDHO	28-MAY-98	15-JUN-98	<	30	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB242	WDIO	01-JUN-98	16-JUN-98	<	30	WR	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB248	WDHO	28-MAY-98	15-JUN-98	<	30	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB248	WDIO	01-JUN-98	16-JUN-98	<	30	RW	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB254	WDHO	28-MAY-98	15-JUN-98	<	36	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB254	WDIO	01-JUN-98	16-JUN-98	<	36	RW	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB260	WDHO	28-MAY-98	15-JUN-98	<	36	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCB260	WDIO	01-JUN-98	16-JUN-98	<	36	WR	UGL
ABB-ES	ORGANICS/WATER/GCMS		PCP	WDHO	28-MAY-98	15-JUN-98	<	18		UGL
ABB-ES	ORGANICS/WATER/GCMS		PCP	WDIO	01-JUN-98	16-JUN-98	<	18		UGL
ABB-ES	ORGANICS/WATER/GCMS		PHANTR	WDHO	28-MAY-98	15-JUN-98	<	.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		PHANTR	WDIO	01-JUN-98	16-JUN-98	<	.5	W	UGL
ABB-ES	ORGANICS/WATER/GCMS		PHENOL	WDHO	28-MAY-98	15-JUN-98	<	9.2		UGL
ABB-ES	ORGANICS/WATER/GCMS		PHENOL	WDIO	01-JUN-98	16-JUN-98	<	9.2		UGL
ABB-ES	ORGANICS/WATER/GCMS		PPDDD	WDHO	28-MAY-98	15-JUN-98	<	4	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		PPDDD	WDIO	01-JUN-98	16-JUN-98	<	4	WR	UGL
ABB-ES	ORGANICS/WATER/GCMS		PPDDE	WDHO	28-MAY-98	15-JUN-98	<	4.7	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		PPDDE	WDIO	01-JUN-98	16-JUN-98	<	4.7	RW	UGL
ABB-ES	ORGANICS/WATER/GCMS		PPDDT	WDHO	28-MAY-98	15-JUN-98	<	9.2	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		PPDDT	WDIO	01-JUN-98	16-JUN-98	<	9.2	RW	UGL
ABB-ES	ORGANICS/WATER/GCMS		PYR	WDHO	28-MAY-98	15-JUN-98	<	2.8		UGL
ABB-ES	ORGANICS/WATER/GCMS		PYR	WDIO	01-JUN-98	16-JUN-98	<	2.8		UGL
ABB-ES	ORGANICS/WATER/GCMS		TXPHEN	WDHO	28-MAY-98	15-JUN-98	<	36	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		TXPHEN	WDIO	01-JUN-98	16-JUN-98	<	36	RW	UGL
ABB-ES	VOLATILES/WATER/GCMS	UM20	111TCE	XDGV	03-JUN-98	03-JUN-98	<	.5	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		112TCE	XDGV	03-JUN-98	03-JUN-98	<	1.2	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		11DCE	XDGV	03-JUN-98	03-JUN-98	<	.5		UGL
ABB-ES	VOLATILES/WATER/GCMS		11DCLE	XDGV	03-JUN-98	03-JUN-98	<	.68	W	UGL

TABLE D-2

METHOD BLANKS (Water)
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCE	XDGV	03-JUN-98	03-JUN-98	<	.5	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		12DCLE	XDGV	03-JUN-98	03-JUN-98	<	.5	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		12DCLP	XDGV	03-JUN-98	03-JUN-98	<	.5	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		2CLEVE	XDGV	03-JUN-98	03-JUN-98	<	.71	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		ACET	XDGV	03-JUN-98	03-JUN-98	<	13	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		ACROLN	XDGV	03-JUN-98	03-JUN-98	<	100	WR	UGL
ABB-ES	VOLATILES/WATER/GCMS		ACRYLO	XDGV	03-JUN-98	03-JUN-98	<	100	WR	UGL
ABB-ES	VOLATILES/WATER/GCMS		BRDCLM	XDGV	03-JUN-98	03-JUN-98	<	.59	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		C13DCP	XDGV	03-JUN-98	03-JUN-98	<	.58	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		C2AVE	XDGV	03-JUN-98	03-JUN-98	<	8.3	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		C2H3CL	XDGV	03-JUN-98	03-JUN-98	<	2.6	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		C2H5CL	XDGV	03-JUN-98	03-JUN-98	<	1.9	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		C6H6	XDGV	03-JUN-98	03-JUN-98	<	.5		UGL
ABB-ES	VOLATILES/WATER/GCMS		CCL3F	XDGV	03-JUN-98	03-JUN-98	<	1.4	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		CCL4	XDGV	03-JUN-98	03-JUN-98	<	.58	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		CH2CL2	XDGV	03-JUN-98	03-JUN-98	<	2.3	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		CH3BR	XDGV	03-JUN-98	03-JUN-98	<	5.8	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		CH3CL	XDGV	03-JUN-98	03-JUN-98	<	3.2	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		CHBR3	XDGV	03-JUN-98	03-JUN-98	<	2.6	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		CHCL3	XDGV	03-JUN-98	03-JUN-98	<	.5	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		CL2BZ	XDGV	03-JUN-98	03-JUN-98	<	10	WR	UGL
ABB-ES	VOLATILES/WATER/GCMS		CLC6H5	XDGV	03-JUN-98	03-JUN-98	<	.5		UGL
ABB-ES	VOLATILES/WATER/GCMS		CS2	XDGV	03-JUN-98	03-JUN-98	<	.5	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		DBRCLM	XDGV	03-JUN-98	03-JUN-98	<	.67	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		ETC6H5	XDGV	03-JUN-98	03-JUN-98	<	.5	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		MEC6H5	XDGV	03-JUN-98	03-JUN-98	<	.5		UGL
ABB-ES	VOLATILES/WATER/GCMS		MEK	XDGV	03-JUN-98	03-JUN-98	<	6.4	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		MIBK	XDGV	03-JUN-98	03-JUN-98	<	3	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		MNBK	XDGV	03-JUN-98	03-JUN-98	<	3.6	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		STYR	XDGV	03-JUN-98	03-JUN-98	<	.5	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		T13DCP	XDGV	03-JUN-98	03-JUN-98	<	.7	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		TCLEA	XDGV	03-JUN-98	03-JUN-98	<	.51	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		TCLEE	XDGV	03-JUN-98	03-JUN-98	<	1.6	W	UGL
ABB-ES	VOLATILES/WATER/GCMS		TRCLE	XDGV	03-JUN-98	03-JUN-98	<	.5		UGL
ABB-ES	VOLATILES/WATER/GCMS		XYLEN	XDGV	03-JUN-98	03-JUN-98	<	.84	W	UGL

TABLE D-3

RINSE BLANKS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Test Name	Lot	Sample Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	METALS/WATER/ICP-MS	S303	SBK-98-001	SBK98001	LADV1W*2	AS	OKNB	20-MAY-98	30-JUN-98		2.93		UGL
?	METALS/WATER/ICP-MS		SBK-98-001	SBK98001	DV1W*102	PB	OKSB	20-MAY-98	12-NOV-98	<	1.02		UGL
?	METALS/WATER/ICP-MS		SBK-98-001	SBK98001	DV1W*102	SB	OKSB	20-MAY-98	12-NOV-98	<	1		UGL
?	METALS/WATER/ICP-MS		SBK-98-001	SBK98001	DV1W*102	SE	OKSB	20-MAY-98	12-NOV-98	<	2.01		UGL
ABB-ES	METALS/WATER/ICP	SS18	SBK-98-001	SBK98001	LADV1W*2	BA	OGHG	20-MAY-98	03-JUN-98	<	2.5		UGL
ABB-ES	METALS/WATER/ICP		SBK-98-001	SBK98001	LADV1W*2	CU	OGHG	20-MAY-98	03-JUN-98	<	5		UGL
ABB-ES	METALS/WATER/ICP		SBK-98-001	SBK98001	LADV1W*2	MN	OGJG	20-MAY-98	09-JUN-98		6.28		UGL
ABB-ES	METALS/WATER/ICP		SBK-98-001	SBK98001	LADV1W*2	PB	OGHG	20-MAY-98	03-JUN-98	<	52.9		UGL
ABB-ES	METALS/WATER/ICP		SBK-98-001	SBK98001	LADV1W*2	SB	OGHG	20-MAY-98	03-JUN-98	<	59.2		UGL
ABB-ES	METALS/WATER/ICP		SBK-98-001	SBK98001	LADV1W*2	SE	OGHG	20-MAY-98	03-JUN-98	<	49		UGL
ABB-ES	METALS/WATER/ICP		SBK-98-001	SBK98001	LADV1W*2	ZN	OGHG	20-MAY-98	03-JUN-98	<	36.1		UGL
ABB-ES	PESTICIDES/WATER/GCEC	UH02	SBK-98-001	SBK98001	LADV1W*2	PCB016	SDUG	20-MAY-98	02-JUN-98	<	.194		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	PCB221	SDUG	20-MAY-98	02-JUN-98	<	.16	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	PCB232	SDUG	20-MAY-98	02-JUN-98	<	.16	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	PCB242	SDUG	20-MAY-98	02-JUN-98	<	.19	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	PCB248	SDUG	20-MAY-98	02-JUN-98	<	.19	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	PCB254	SDUG	20-MAY-98	02-JUN-98	<	.19	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	PCB260	SDUG	20-MAY-98	02-JUN-98	<	.208		UGL
ABB-ES	PESTICIDES/WATER/GCEC	UH13	SBK-98-001	SBK98001	LADV1W*2	ABHC	TDSI	20-MAY-98	28-MAY-98	<	.0409		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	ACLDAN	TDSI	20-MAY-98	28-MAY-98	<	.075	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	AENSLF	TDSI	20-MAY-98	28-MAY-98	<	.0225		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	ALDRN	TDSI	20-MAY-98	28-MAY-98	<	.121		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	BBHC	TDSI	20-MAY-98	28-MAY-98	<	.0269		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	BENSLF	TDSI	20-MAY-98	28-MAY-98	<	.0198		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	DBHC	TDSI	20-MAY-98	28-MAY-98	<	.0255		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	DLDRN	TDSI	20-MAY-98	28-MAY-98	<	.0231		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	ENDRN	TDSI	20-MAY-98	28-MAY-98	<	.018		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	ENDRNA	TDSI	20-MAY-98	28-MAY-98	<	.0285		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	ENDRNK	TDSI	20-MAY-98	28-MAY-98	<	.0285	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	ESFSO4	TDSI	20-MAY-98	28-MAY-98	<	.0818		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	GCLDAN	TDSI	20-MAY-98	28-MAY-98	<	.075	T	UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	HPCL	TDSI	20-MAY-98	28-MAY-98	<	.0498		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	HPCLE	TDSI	20-MAY-98	28-MAY-98	<	.0243		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	ISODR	TDSI	20-MAY-98	28-MAY-98	<	.0618		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	LIN	TDSI	20-MAY-98	28-MAY-98	<	.0526		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	MEXCLR	TDSI	20-MAY-98	28-MAY-98	<	.0452		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	PPDDD	TDSI	20-MAY-98	28-MAY-98	<	.0199		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	PPDDE	TDSI	20-MAY-98	28-MAY-98	<	.027		UGL
ABB-ES	PESTICIDES/WATER/GCEC		SBK-98-001	SBK98001	LADV1W*2	PPDDT	TDSI	20-MAY-98	28-MAY-98	<	.0358		UGL

TABLE D-3

RINSE BLANKS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Test Name	Lot	Sample Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	PESTICIDES/WATER/GCEC	UH13	SBK-98-001	SBK98001	LADV1W*2	TXPHEN	TDSI	20-MAY-98	28-MAY-98	<	1.35		UGL
ABB-ES	ORGANICS/WATER/GCMS	UM18	SBK-98-001	SBK98001	LADV1W*2	124TCB	WDHO	21-MAY-98	15-JUN-98	<	2.2		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	12DCLB	WDHO	21-MAY-98	15-JUN-98	<	2		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	12DPH	WDHO	21-MAY-98	15-JUN-98	<	2	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	13DCLB	WDHO	21-MAY-98	15-JUN-98	<	2.2		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	14DCLB	WDHO	21-MAY-98	15-JUN-98	<	2.2		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	245TCP	WDHO	21-MAY-98	15-JUN-98	<	4.9		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	246TCP	WDHO	21-MAY-98	15-JUN-98	<	4.1		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	24DCLP	WDHO	21-MAY-98	15-JUN-98	<	3.1		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	24DMPN	WDHO	21-MAY-98	15-JUN-98	<	6.2		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	24DNP	WDHO	21-MAY-98	15-JUN-98	<	15		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	24DNT	WDHO	21-MAY-98	15-JUN-98	<	4.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	26DNT	WDHO	21-MAY-98	15-JUN-98	<	.72		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	2CLP	WDHO	21-MAY-98	15-JUN-98	<	1		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	2CNAP	WDHO	21-MAY-98	15-JUN-98	<	.57		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	2MNAP	WDHO	21-MAY-98	15-JUN-98	<	1.8		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	2MP	WDHO	21-MAY-98	15-JUN-98	<	4		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	2NANIL	WDHO	21-MAY-98	15-JUN-98	<	4.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	2NP	WDHO	21-MAY-98	15-JUN-98	<	3.8		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	33DCBD	WDHO	21-MAY-98	15-JUN-98	<	7.8		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	3NANIL	WDHO	21-MAY-98	15-JUN-98	<	5.1		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	46DN2C	WDHO	21-MAY-98	15-JUN-98	<	14		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	4BRPPE	WDHO	21-MAY-98	15-JUN-98	<	4.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	4CANIL	WDHO	21-MAY-98	15-JUN-98	<	8.4		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	4CL3C	WDHO	21-MAY-98	15-JUN-98	<	4		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	4CLPPE	WDHO	21-MAY-98	15-JUN-98	<	6		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	4MP	WDHO	21-MAY-98	15-JUN-98	<	.61		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	4NANIL	WDHO	21-MAY-98	15-JUN-98	<	5.1		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	4NP	WDHO	21-MAY-98	15-JUN-98	<	18		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ABHC	WDHO	21-MAY-98	15-JUN-98	<	4	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ACLDAN	WDHO	21-MAY-98	15-JUN-98	<	5.1	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	AENSLF	WDHO	21-MAY-98	15-JUN-98	<	9.2	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ALDRN	WDHO	21-MAY-98	15-JUN-98	<	4.7	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ANAPNE	WDHO	21-MAY-98	15-JUN-98	<	1.8		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ANAPYL	WDHO	21-MAY-98	15-JUN-98	<	.52		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ANTRC	WDHO	21-MAY-98	15-JUN-98	<	.51		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	B2CEXM	WDHO	21-MAY-98	15-JUN-98	<	1.6		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	B2CIPE	WDHO	21-MAY-98	15-JUN-98	<	6.4		UGL

TABLE D-3

RINSE BLANKS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Test Name	Lot	Sample Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	SBK-98-001	SBK98001	LADV1W*2	B2CLEE	WDHO	21-MAY-98	15-JUN-98	<	2		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	B2EHP	WDHO	21-MAY-98	15-JUN-98	<	4.4		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	BAANTR	WDHO	21-MAY-98	15-JUN-98	<	1.6		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	BAPYR	WDHO	21-MAY-98	15-JUN-98	<	4.2		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	BBFANT	WDHO	21-MAY-98	15-JUN-98	<	5.1		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	BBHC	WDHO	21-MAY-98	15-JUN-98	<	4	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	BBZP	WDHO	21-MAY-98	15-JUN-98	<	3.2		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	BENSLF	WDHO	21-MAY-98	15-JUN-98	<	9.2	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	BENZID	WDHO	21-MAY-98	15-JUN-98	<	10	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	BENZOA	WDHO	21-MAY-98	15-JUN-98	<	20		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	BGHIPY	WDHO	21-MAY-98	15-JUN-98	<	4.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	BKFANT	WDHO	21-MAY-98	15-JUN-98	<	.85		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	BZALC	WDHO	21-MAY-98	15-JUN-98	<	.84		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	CARBAZ	WDHO	21-MAY-98	15-JUN-98	<	2.2		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	CHRY	WDHO	21-MAY-98	15-JUN-98	<	2.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	CL6BZ	WDHO	21-MAY-98	15-JUN-98	<	1.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	CL6CP	WDHO	21-MAY-98	15-JUN-98	<	12		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	CL6ET	WDHO	21-MAY-98	15-JUN-98	<	1.8		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	DBAHA	WDHO	21-MAY-98	15-JUN-98	<	5.6		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	DBHC	WDHO	21-MAY-98	15-JUN-98	<	4	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	DBZFUR	WDHO	21-MAY-98	15-JUN-98	<	1.8		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	DEP	WDHO	21-MAY-98	15-JUN-98	<	2.3		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	DLDRN	WDHO	21-MAY-98	15-JUN-98	<	4.7	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	DMP	WDHO	21-MAY-98	15-JUN-98	<	1.9		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	DNBP	WDHO	21-MAY-98	15-JUN-98	<	3.4		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	DNOP	WDHO	21-MAY-98	15-JUN-98	<	12		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ENDRN	WDHO	21-MAY-98	15-JUN-98	<	7.6	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ENDRNA	WDHO	21-MAY-98	15-JUN-98	<	8	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ENDRNK	WDHO	21-MAY-98	15-JUN-98	<	8	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ESFSO4	WDHO	21-MAY-98	15-JUN-98	<	9.2	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	FANT	WDHO	21-MAY-98	15-JUN-98	<	3.3		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	FLRENE	WDHO	21-MAY-98	15-JUN-98	<	3.9		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	GCLDAN	WDHO	21-MAY-98	15-JUN-98	<	5.1	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	HCBD	WDHO	21-MAY-98	15-JUN-98	<	4.7		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	HPCL	WDHO	21-MAY-98	15-JUN-98	<	2	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	HPCLE	WDHO	21-MAY-98	15-JUN-98	<	5	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ICDPYR	WDHO	21-MAY-98	15-JUN-98	<	7.4		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ISOPHR	WDHO	21-MAY-98	15-JUN-98	<	4.9		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	LIN	WDHO	21-MAY-98	15-JUN-98	<	4	R	UGL

TABLE D-3

RINSE BLANKS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Test Name	Lot	Sample Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	ORGANICS/WATER/GCMS	UM18	SBK-98-001	SBK98001	LADV1W*2	MEXCLR	WDHO	21-MAY-98	15-JUN-98	<	5.1	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	NAP	WDHO	21-MAY-98	15-JUN-98	<	.43		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	NB	WDHO	21-MAY-98	15-JUN-98	<	.56		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	NNDMEA	WDHO	21-MAY-98	15-JUN-98	<	2	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	NNDNPA	WDHO	21-MAY-98	15-JUN-98	<	4.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	NNDPA	WDHO	21-MAY-98	15-JUN-98	<	3.1		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	PCB016	WDHO	21-MAY-98	15-JUN-98	<	21	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	PCB221	WDHO	21-MAY-98	15-JUN-98	<	21	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	PCB232	WDHO	21-MAY-98	15-JUN-98	<	21	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	PCB242	WDHO	21-MAY-98	15-JUN-98	<	30	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	PCB248	WDHO	21-MAY-98	15-JUN-98	<	30	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	PCB254	WDHO	21-MAY-98	15-JUN-98	<	36	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	PCB260	WDHO	21-MAY-98	15-JUN-98	<	36	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	PCP	WDHO	21-MAY-98	15-JUN-98	<	14		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	PHANTR	WDHO	21-MAY-98	15-JUN-98	<	.5		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	PHENOL	WDHO	21-MAY-98	15-JUN-98	<	17		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	PPDDD	WDHO	21-MAY-98	15-JUN-98	<	4	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	PPDDE	WDHO	21-MAY-98	15-JUN-98	<	4.7	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	PPDDT	WDHO	21-MAY-98	15-JUN-98	<	9.2	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	PYR	WDHO	21-MAY-98	15-JUN-98	<	2.8		UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	TXPHEN	WDHO	21-MAY-98	15-JUN-98	<	36	R	UGL
ABB-ES	ORGANICS/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	UNK519	WDHO	21-MAY-98	15-JUN-98		10	S	UGL
ABB-ES	VOLATILES/WATER/GCMS	UM20	SBK-98-001	SBK98001	LADV1W*2	111TCE	XDGV	20-MAY-98	03-JUN-98	<	.5		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	112TCE	XDGV	20-MAY-98	03-JUN-98	<	1.3		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	11DCE	XDGV	20-MAY-98	03-JUN-98	<	.47		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	11DCLE	XDGV	20-MAY-98	03-JUN-98	<	.69		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	12DCE	XDGV	20-MAY-98	03-JUN-98	<	.49		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	12DCLE	XDGV	20-MAY-98	03-JUN-98	<	.5		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	12DCLP	XDGV	20-MAY-98	03-JUN-98	<	.49		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	2CLEVE	XDGV	20-MAY-98	03-JUN-98	<	.7		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ACET	XDGV	20-MAY-98	03-JUN-98	<	14		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ACROLN	XDGV	20-MAY-98	03-JUN-98	<	100	R	UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ACRYLO	XDGV	20-MAY-98	03-JUN-98	<	100	R	UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	BRDCLM	XDGV	20-MAY-98	03-JUN-98	<	.58		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	C13DCP	XDGV	20-MAY-98	03-JUN-98	<	.57		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	C2AVE	XDGV	20-MAY-98	03-JUN-98	<	8.4		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	C2H3CL	XDGV	20-MAY-98	03-JUN-98	<	2.7		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	C2H5CL	XDGV	20-MAY-98	03-JUN-98	<	1.9		UGL

TABLE D-3

RINSE BLANKS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Test Name	Lot	Sample Date	Analysis Date	<	Value	Flag	Unit
ABB-ES	VOLATILES/WATER/GCMS	UM20	SBK-98-001	SBK98001	LADV1W*2	C6H6	XDGV	20-MAY-98	03-JUN-98	<	.5		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	CCL3F	XDGV	20-MAY-98	03-JUN-98	<	1.4		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	CCL4	XDGV	20-MAY-98	03-JUN-98	<	.55		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	CH2CL2	XDGV	20-MAY-98	03-JUN-98	<	2.2		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	CH3BR	XDGV	20-MAY-98	03-JUN-98	<	5.7		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	CH3CL	XDGV	20-MAY-98	03-JUN-98	<	3.4		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	CHBR3	XDGV	20-MAY-98	03-JUN-98	<	2.5		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	CHCL3	XDGV	20-MAY-98	03-JUN-98	<	.51		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	CL2BZ	XDGV	20-MAY-98	03-JUN-98	<	10	R	UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	CLC6H5	XDGV	20-MAY-98	03-JUN-98	<	.48		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	CS2	XDGV	20-MAY-98	03-JUN-98	<	.57		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	DBRCLM	XDGV	20-MAY-98	03-JUN-98	<	.68		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	ETC6H5	XDGV	20-MAY-98	03-JUN-98	<	.48		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	MEC6H5	XDGV	20-MAY-98	03-JUN-98	<	.49		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	MEK	XDGV	20-MAY-98	03-JUN-98	<	6.5		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	MIBK	XDGV	20-MAY-98	03-JUN-98	<	3.3		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	MNBK	XDGV	20-MAY-98	03-JUN-98	<	3.9		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	STYR	XDGV	20-MAY-98	03-JUN-98	<	.45		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	T13DCP	XDGV	20-MAY-98	03-JUN-98	<	.73		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	TCLEA	XDGV	20-MAY-98	03-JUN-98	<	.5		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	TCLEE	XDGV	20-MAY-98	03-JUN-98	<	1.6		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	TRCLE	XDGV	20-MAY-98	03-JUN-98	<	.48		UGL
ABB-ES	VOLATILES/WATER/GCMS		SBK-98-001	SBK98001	LADV1W*2	XYLEN	XDGV	20-MAY-98	03-JUN-98	<	.79		UGL

TABLE D-4

TRIP BLANK RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	IRDMIS Method Code	Lot	Test Name	IRDMIS Field Sample Number	Lab Number	Sample Date	Prep Date	Analysis Date	<	Value	Flag	Unit	IRDMIS Site ID
ABB-ES	UM20	XDGV	111TCE	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.5		UGL	TBK-98-001
ABB-ES		XDGV	111TCE	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.5		UGL	TBK-98-02X
ABB-ES		XDGV	111TCE	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.5		UGL	TBK-98-03X
ABB-ES		XDGV	112TCE	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	1.3		UGL	TBK-98-001
ABB-ES		XDGV	112TCE	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	1.3		UGL	TBK-98-02X
ABB-ES		XDGV	112TCE	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	1.3		UGL	TBK-98-03X
ABB-ES		XDGV	11DCE	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.47		UGL	TBK-98-001
ABB-ES		XDGV	11DCE	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.47		UGL	TBK-98-02X
ABB-ES		XDGV	11DCE	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.47		UGL	TBK-98-03X
ABB-ES		XDGV	11DCLE	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.69		UGL	TBK-98-001
ABB-ES		XDGV	11DCLE	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.69		UGL	TBK-98-02X
ABB-ES		XDGV	11DCLE	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.69		UGL	TBK-98-03X
ABB-ES		XDGV	12DCE	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.49		UGL	TBK-98-001
ABB-ES		XDGV	12DCE	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.49		UGL	TBK-98-02X
ABB-ES		XDGV	12DCE	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.49		UGL	TBK-98-03X
ABB-ES		XDGV	12DCLE	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.5		UGL	TBK-98-001
ABB-ES		XDGV	12DCLE	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.5		UGL	TBK-98-02X
ABB-ES		XDGV	12DCLE	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.5		UGL	TBK-98-03X
ABB-ES		XDGV	12DCLP	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.49		UGL	TBK-98-001
ABB-ES		XDGV	12DCLP	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.49		UGL	TBK-98-02X
ABB-ES		XDGV	12DCLP	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.49		UGL	TBK-98-03X
ABB-ES		XDGV	2CLEVE	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.7		UGL	TBK-98-001
ABB-ES		XDGV	2CLEVE	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.7		UGL	TBK-98-02X
ABB-ES		XDGV	2CLEVE	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.7		UGL	TBK-98-03X
ABB-ES		XDGV	ACET	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	14		UGL	TBK-98-001
ABB-ES		XDGV	ACET	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	14		UGL	TBK-98-02X
ABB-ES		XDGV	ACET	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	14		UGL	TBK-98-03X
ABB-ES		XDGV	ACROLN	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	100	R	UGL	TBK-98-001
ABB-ES		XDGV	ACROLN	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	100	R	UGL	TBK-98-02X
ABB-ES		XDGV	ACROLN	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	100	R	UGL	TBK-98-03X
ABB-ES		XDGV	ACRYLO	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	100	R	UGL	TBK-98-001
ABB-ES		XDGV	ACRYLO	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	100	R	UGL	TBK-98-02X
ABB-ES		XDGV	ACRYLO	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	100	R	UGL	TBK-98-03X
ABB-ES		XDGV	BRDCLM	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.58		UGL	TBK-98-001
ABB-ES		XDGV	BRDCLM	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.58		UGL	TBK-98-02X

TABLE D-4

TRIP BLANK RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	IRDMIS Method Code	Lot	Test Name	IRDMIS Field Sample Number	Lab Number	Sample Date	Prep Date	Analysis Date	<	Value	Flag	Unit	IRDMIS Site ID
ABB-ES	UM20	XDGV	BRDCLM	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.58		UGL	TBK-98-03X
ABB-ES		XDGV	C13DCP	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.57		UGL	TBK-98-001
ABB-ES		XDGV	C13DCP	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.57		UGL	TBK-98-02X
ABB-ES		XDGV	C13DCP	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.57		UGL	TBK-98-03X
ABB-ES		XDGV	C2AVE	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	8.4		UGL	TBK-98-001
ABB-ES		XDGV	C2AVE	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	8.4		UGL	TBK-98-02X
ABB-ES		XDGV	C2AVE	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	8.4		UGL	TBK-98-03X
ABB-ES		XDGV	C2H3CL	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	2.7		UGL	TBK-98-001
ABB-ES		XDGV	C2H3CL	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	2.7		UGL	TBK-98-02X
ABB-ES		XDGV	C2H3CL	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	2.7		UGL	TBK-98-03X
ABB-ES		XDGV	C2H5CL	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	1.9		UGL	TBK-98-001
ABB-ES		XDGV	C2H5CL	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	1.9		UGL	TBK-98-02X
ABB-ES		XDGV	C2H5CL	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	1.9		UGL	TBK-98-03X
ABB-ES		XDGV	C6H6	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.5		UGL	TBK-98-001
ABB-ES		XDGV	C6H6	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.5		UGL	TBK-98-02X
ABB-ES		XDGV	C6H6	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.5		UGL	TBK-98-03X
ABB-ES		XDGV	CCL3F	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	1.4		UGL	TBK-98-001
ABB-ES		XDGV	CCL3F	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	1.4		UGL	TBK-98-02X
ABB-ES		XDGV	CCL3F	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	1.4		UGL	TBK-98-03X
ABB-ES		XDGV	CCL4	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.55		UGL	TBK-98-001
ABB-ES		XDGV	CCL4	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.55		UGL	TBK-98-02X
ABB-ES		XDGV	CCL4	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.55		UGL	TBK-98-03X
ABB-ES		XDGV	CH2CL2	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	2.2		UGL	TBK-98-001
ABB-ES		XDGV	CH2CL2	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	2.2		UGL	TBK-98-02X
ABB-ES		XDGV	CH2CL2	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	2.2		UGL	TBK-98-03X
ABB-ES		XDGV	CH3BR	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	5.7		UGL	TBK-98-001
ABB-ES		XDGV	CH3BR	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	5.7		UGL	TBK-98-02X
ABB-ES		XDGV	CH3BR	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	5.7		UGL	TBK-98-03X
ABB-ES		XDGV	CH3CL	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	3.4		UGL	TBK-98-001
ABB-ES		XDGV	CH3CL	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	3.4		UGL	TBK-98-02X
ABB-ES		XDGV	CH3CL	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	3.4		UGL	TBK-98-03X
ABB-ES		XDGV	CHBR3	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	2.5		UGL	TBK-98-001
ABB-ES		XDGV	CHBR3	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	2.5		UGL	TBK-98-02X
ABB-ES		XDGV	CHBR3	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	2.5		UGL	TBK-98-03X
ABB-ES		XDGV	CHCL3	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.51		UGL	TBK-98-001

TABLE D-4

TRIP BLANK RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	IRDMIS Method Code	Lot	Test Name	IRDMIS Field Sample Number	Lab Number	Sample Date	Prep Date	Analysis Date	<	Value	Flag	Unit	IRDMIS Site ID
ABB-ES	UM20	XDGV	CHCL3	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.51		UGL	TBK-98-02X
ABB-ES		XDGV	CHCL3	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.51		UGL	TBK-98-03X
ABB-ES		XDGV	CL2BZ	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	10	R	UGL	TBK-98-001
ABB-ES		XDGV	CL2BZ	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	10	R	UGL	TBK-98-02X
ABB-ES		XDGV	CL2BZ	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	10	R	UGL	TBK-98-03X
ABB-ES		XDGV	CLC6H5	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.48		UGL	TBK-98-001
ABB-ES		XDGV	CLC6H5	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.48		UGL	TBK-98-02X
ABB-ES		XDGV	CLC6H5	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.48		UGL	TBK-98-03X
ABB-ES		XDGV	CS2	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.57		UGL	TBK-98-001
ABB-ES		XDGV	CS2	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.57		UGL	TBK-98-02X
ABB-ES		XDGV	CS2	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.57		UGL	TBK-98-03X
ABB-ES		XDGV	DBRCLM	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.68		UGL	TBK-98-001
ABB-ES		XDGV	DBRCLM	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.68		UGL	TBK-98-02X
ABB-ES		XDGV	DBRCLM	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.68		UGL	TBK-98-03X
ABB-ES		XDGV	ETC6H5	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.48		UGL	TBK-98-001
ABB-ES		XDGV	ETC6H5	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.48		UGL	TBK-98-02X
ABB-ES		XDGV	ETC6H5	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.48		UGL	TBK-98-03X
ABB-ES		XDGV	MEC6H5	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.49		UGL	TBK-98-001
ABB-ES		XDGV	MEC6H5	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.49		UGL	TBK-98-02X
ABB-ES		XDGV	MEC6H5	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.49		UGL	TBK-98-03X
ABB-ES		XDGV	MEK	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	6.5		UGL	TBK-98-001
ABB-ES		XDGV	MEK	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	6.5		UGL	TBK-98-02X
ABB-ES		XDGV	MEK	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	6.5		UGL	TBK-98-03X
ABB-ES		XDGV	MIBK	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	3.3		UGL	TBK-98-001
ABB-ES		XDGV	MIBK	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	3.3		UGL	TBK-98-02X
ABB-ES		XDGV	MIBK	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	3.3		UGL	TBK-98-03X
ABB-ES		XDGV	MNBK	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	3.9		UGL	TBK-98-001
ABB-ES		XDGV	MNBK	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	3.9		UGL	TBK-98-02X
ABB-ES		XDGV	MNBK	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	3.9		UGL	TBK-98-03X
ABB-ES		XDGV	STYR	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.45		UGL	TBK-98-001
ABB-ES		XDGV	STYR	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.45		UGL	TBK-98-02X
ABB-ES		XDGV	STYR	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.45		UGL	TBK-98-03X
ABB-ES		XDGV	T13DCP	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.73		UGL	TBK-98-001
ABB-ES		XDGV	T13DCP	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.73		UGL	TBK-98-02X
ABB-ES		XDGV	T13DCP	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.73		UGL	TBK-98-03X

TABLE D-4

TRIP BLANK RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	IRDMIS Method Code	Lot	Test Name	IRDMIS Field Sample Number	Lab Number	Sample Date	Prep Date	Analysis Date	<	Value	Flag	Unit	IRDMIS Site ID
ABB-ES	UM20	XDGV	TCLEA	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.5		UGL	TBK-98-001
ABB-ES		XDGV	TCLEA	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.5		UGL	TBK-98-02X
ABB-ES		XDGV	TCLEA	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.5		UGL	TBK-98-03X
ABB-ES		XDGV	TCLEE	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	1.6		UGL	TBK-98-001
ABB-ES		XDGV	TCLEE	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	1.6		UGL	TBK-98-02X
ABB-ES		XDGV	TCLEE	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	1.6		UGL	TBK-98-03X
ABB-ES		XDGV	TRCLE	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.48		UGL	TBK-98-001
ABB-ES		XDGV	TRCLE	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.48		UGL	TBK-98-02X
ABB-ES		XDGV	TRCLE	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.48		UGL	TBK-98-03X
ABB-ES		XDGV	XYLEN	TBK98001	LADV1W*1	20-MAY-98	03-JUN-98	03-JUN-98	<	.79		UGL	TBK-98-001
ABB-ES		XDGV	XYLEN	TBK98002	ADV1W*19	21-MAY-98	03-JUN-98	03-JUN-98	<	.79		UGL	TBK-98-02X
ABB-ES		XDGV	XYLEN	TBK98003	ADV1W*30	27-MAY-98	03-JUN-98	03-JUN-98	<	.79		UGL	TBK-98-03X

TABLE D-5

VOLATILE SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-09X	SX570900	ADV1S*10	YGOL	19-MAY-98	28-MAY-98	.05	.054	UGG	108.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-13X	SX571301	ADV1S*11	YGOL	20-MAY-98	28-MAY-98	.05	.051	UGG	102.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-14X	SX571401	ADV1S*12	YGOL	20-MAY-98	28-MAY-98	.05	.055	UGG	110.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-14X	SX571401	ADV1S*12	YGOL	20-MAY-98	28-MAY-98	.05	.051	UGG	102.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-14X	SX571401	ADV1S*12	YGOL	20-MAY-98	28-MAY-98	.05	.051	UGG	102.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-15X	SX571503	ADV1S*13	YGOL	20-MAY-98	28-MAY-98	.05	.053	UGG	106.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57D-98-01X	DX570100	ADV1S*14	YGOL	21-MAY-98	28-MAY-98	.05	.053	UGG	106.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57D-98-02X	DX570200	ADV1S*15	YGOL	21-MAY-98	28-MAY-98	.05	.052	UGG	104.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57D-98-03X	DX570300	ADV1S*16	YGOL	21-MAY-98	29-MAY-98	.05	.055	UGG	110.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57D-98-04X	DX570400	ADV1S*17	YGOL	21-MAY-98	29-MAY-98	.05	.045	UGG	90.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57D-98-05X	DX570500	ADV1S*18	YGOL	21-MAY-98	29-MAY-98	.05	.049	UGG	98.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57D-98-06X	DX570600	ADV1S*19	YGOL	21-MAY-98	29-MAY-98	.05	.053	UGG	106.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57D-98-07X	DX570700	ADV1S*20	YGOL	21-MAY-98	29-MAY-98	.05	.049	UGG	98.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57D-98-08X	DX570800	ADV1S*21	YGOL	21-MAY-98	29-MAY-98	.05	.05	UGG	100.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	.05	.054	UGG	108.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-01X	SX570101	LADV1S*1	YGOL	19-MAY-98	28-MAY-98	.05	.049	UGG	98.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-02X	SX570200	LADV1S*2	YGOL	19-MAY-98	28-MAY-98	.05	.052	UGG	104.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-03X	SX570302	LADV1S*3	YGOL	19-MAY-98	28-MAY-98	.05	.053	UGG	106.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-04X	SX570401	LADV1S*4	YGOL	19-MAY-98	28-MAY-98	.05	.054	UGG	108.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-05X	SX570503	LADV1S*5	YGOL	19-MAY-98	28-MAY-98	.05	.054	UGG	108.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-06X	SX570601	LADV1S*6	YGOL	19-MAY-98	28-MAY-98	.05	.054	UGG	108.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	.05	.053	UGG	106.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-07X	SX570701	LADV1S*8	YGOL	19-MAY-98	28-MAY-98	.05	.055	UGG	110.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCD4	57S-98-08X	SX570800	LADV1S*9	YGOL	19-MAY-98	28-MAY-98	.05	.056	UGG	112.0
			**********										----------
			avg										104.6
			minimum										90.0
			maximum										112.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-09X	SX570900	ADV1S*10	YGOL	19-MAY-98	28-MAY-98	.05	.048	UGG	96.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-13X	SX571301	ADV1S*11	YGOL	20-MAY-98	28-MAY-98	.05	.045	UGG	90.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-14X	SX571401	ADV1S*12	YGOL	20-MAY-98	28-MAY-98	.05	.051	UGG	102.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-14X	SX571401	ADV1S*12	YGOL	20-MAY-98	28-MAY-98	.05	.047	UGG	94.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-14X	SX571401	ADV1S*12	YGOL	20-MAY-98	28-MAY-98	.05	.043	UGG	86.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-15X	SX571503	ADV1S*13	YGOL	20-MAY-98	28-MAY-98	.05	.048	UGG	96.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57D-98-01X	DX570100	ADV1S*14	YGOL	21-MAY-98	28-MAY-98	.05	.045	UGG	90.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57D-98-02X	DX570200	ADV1S*15	YGOL	21-MAY-98	28-MAY-98	.05	.041	UGG	82.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57D-98-03X	DX570300	ADV1S*16	YGOL	21-MAY-98	29-MAY-98	.05	.042	UGG	84.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57D-98-04X	DX570400	ADV1S*17	YGOL	21-MAY-98	29-MAY-98	.05	.04	UGG	80.0

TABLE D-5

VOLATILE SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57D-98-05X	DX570500	ADV1S*18	YGOL	21-MAY-98	29-MAY-98	.05	.037	UGG	74.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57D-98-06X	DX570600	ADV1S*19	YGOL	21-MAY-98	29-MAY-98	.05	.038	UGG	76.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57D-98-07X	DX570700	ADV1S*20	YGOL	21-MAY-98	29-MAY-98	.05	.037	UGG	74.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57D-98-08X	DX570800	ADV1S*21	YGOL	21-MAY-98	29-MAY-98	.05	.037	UGG	74.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	.05	.05	UGG	100.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-01X	SX570101	LADV1S*1	YGOL	19-MAY-98	28-MAY-98	.05	.045	UGG	90.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-02X	SX570200	LADV1S*2	YGOL	19-MAY-98	28-MAY-98	.05	.049	UGG	98.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-03X	SX570302	LADV1S*3	YGOL	19-MAY-98	28-MAY-98	.05	.046	UGG	92.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-04X	SX570401	LADV1S*4	YGOL	19-MAY-98	28-MAY-98	.05	.049	UGG	98.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-05X	SX570503	LADV1S*5	YGOL	19-MAY-98	28-MAY-98	.05	.047	UGG	94.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-06X	SX570601	LADV1S*6	YGOL	19-MAY-98	28-MAY-98	.05	.043	UGG	86.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	.05	.049	UGG	98.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-07X	SX570701	LADV1S*8	YGOL	19-MAY-98	28-MAY-98	.05	.047	UGG	94.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	4BFB	57S-98-08X	SX570800	LADV1S*9	YGOL	19-MAY-98	28-MAY-98	.05	.052	UGG	104.0
			**********										----------
			avg										89.7
			minimum										74.0
			maximum										104.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-09X	SX570900	ADV1S*10	YGOL	19-MAY-98	28-MAY-98	.05	.056	UGG	112.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-13X	SX571301	ADV1S*11	YGOL	20-MAY-98	28-MAY-98	.05	.062	UGG	124.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-14X	SX571401	ADV1S*12	YGOL	20-MAY-98	28-MAY-98	.05	.055	UGG	110.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-14X	SX571401	ADV1S*12	YGOL	20-MAY-98	28-MAY-98	.05	.054	UGG	108.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-14X	SX571401	ADV1S*12	YGOL	20-MAY-98	28-MAY-98	.05	.053	UGG	106.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-15X	SX571503	ADV1S*13	YGOL	20-MAY-98	28-MAY-98	.05	.055	UGG	110.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57D-98-01X	DX570100	ADV1S*14	YGOL	21-MAY-98	28-MAY-98	.05	.059	UGG	118.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57D-98-02X	DX570200	ADV1S*15	YGOL	21-MAY-98	28-MAY-98	.05	.063	UGG	126.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57D-98-03X	DX570300	ADV1S*16	YGOL	21-MAY-98	29-MAY-98	.05	.064	UGG	128.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57D-98-04X	DX570400	ADV1S*17	YGOL	21-MAY-98	29-MAY-98	.05	.049	UGG	98.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57D-98-05X	DX570500	ADV1S*18	YGOL	21-MAY-98	29-MAY-98	.05	.057	UGG	114.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57D-98-06X	DX570600	ADV1S*19	YGOL	21-MAY-98	29-MAY-98	.05	.071	UGG	142.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57D-98-07X	DX570700	ADV1S*20	YGOL	21-MAY-98	29-MAY-98	.05	.069	UGG	138.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57D-98-08X	DX570800	ADV1S*21	YGOL	21-MAY-98	29-MAY-98	.05	.072	UGG	144.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	.05	.056	UGG	112.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-01X	SX570101	LADV1S*1	YGOL	19-MAY-98	28-MAY-98	.05	.052	UGG	104.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-02X	SX570200	LADV1S*2	YGOL	19-MAY-98	28-MAY-98	.05	.055	UGG	110.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-03X	SX570302	LADV1S*3	YGOL	19-MAY-98	28-MAY-98	.05	.055	UGG	110.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-04X	SX570401	LADV1S*4	YGOL	19-MAY-98	28-MAY-98	.05	.056	UGG	112.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-05X	SX570503	LADV1S*5	YGOL	19-MAY-98	28-MAY-98	.05	.055	UGG	110.0

TABLE D-5

VOLATILE SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-06X	SX570601	LADV1S*6	YGOL	19-MAY-98	28-MAY-98	.05	.062	UGG	124.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	.05	.057	UGG	114.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-07X	SX570701	LADV1S*8	YGOL	19-MAY-98	28-MAY-98	.05	.062	UGG	124.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6D8	57S-98-08X	SX570800	LADV1S*9	YGOL	19-MAY-98	28-MAY-98	.05	.058	UGG	116.0
			**********										----------
			avg										117.3
			minimum										98.0
			maximum										144.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57W-98-05X	WX570500	ADV1W*11	XDGV	21-MAY-98	03-JUN-98	50	51	UGL	102.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57W-98-06X	WX570600	ADV1W*13	XDGV	21-MAY-98	03-JUN-98	50	53	UGL	106.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57W-98-07X	WX570700	ADV1W*15	XDGV	21-MAY-98	03-JUN-98	50	54	UGL	108.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57W-98-08X	WX570800	ADV1W*17	XDGV	21-MAY-98	03-JUN-98	50	52	UGL	104.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	TBK-98-02X	TBK98002	ADV1W*19	XDGV	21-MAY-98	03-JUN-98	50	54	UGL	108.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57P-98-02X	MX5702XX	ADV1W*20	XDGV	26-MAY-98	03-JUN-98	50	51	UGL	102.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57P-98-03X	MX5703XX	ADV1W*22	XDGV	26-MAY-98	03-JUN-98	50	53	UGL	106.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57P-98-04X	MX5704XX	ADV1W*24	XDGV	26-MAY-98	03-JUN-98	50	53	UGL	106.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	55	UGL	110.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	54	UGL	108.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	54	UGL	108.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	50	55	UGL	110.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	TBK-98-03X	TBK98003	ADV1W*30	XDGV	27-MAY-98	03-JUN-98	50	53	UGL	106.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	TBK-98-001	TBK98001	LADV1W*1	XDGV	20-MAY-98	03-JUN-98	50	52	UGL	104.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	SBK-98-001	SBK98001	LADV1W*2	XDGV	20-MAY-98	03-JUN-98	50	52	UGL	104.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57W-98-01X	WX570100	LADV1W*3	XDGV	21-MAY-98	03-JUN-98	50	52	UGL	104.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57W-98-02X	WX570200	LADV1W*5	XDGV	21-MAY-98	03-JUN-98	50	53	UGL	106.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57W-98-03X	WX570300	LADV1W*7	XDGV	21-MAY-98	03-JUN-98	50	52	UGL	104.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCD4	57W-98-04X	WX570400	LADV1W*9	XDGV	21-MAY-98	03-JUN-98	50	53	UGL	106.0
			**********										----------
			avg										105.9
			minimum										102.0
			maximum										110.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57W-98-05X	WX570500	ADV1W*11	XDGV	21-MAY-98	03-JUN-98	50	48	UGL	96.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57W-98-06X	WX570600	ADV1W*13	XDGV	21-MAY-98	03-JUN-98	50	50	UGL	100.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57W-98-07X	WX570700	ADV1W*15	XDGV	21-MAY-98	03-JUN-98	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57W-98-08X	WX570800	ADV1W*17	XDGV	21-MAY-98	03-JUN-98	50	46	UGL	92.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	TBK-98-02X	TBK98002	ADV1W*19	XDGV	21-MAY-98	03-JUN-98	50	50	UGL	100.0

TABLE D-5

VOLATILE SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57P-98-02X	MX5702XX	ADV1W*20	XDGV	26-MAY-98	03-JUN-98	50	48	UGL	96.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57P-98-03X	MX5703XX	ADV1W*22	XDGV	26-MAY-98	03-JUN-98	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57P-98-04X	MX5704XX	ADV1W*24	XDGV	26-MAY-98	03-JUN-98	50	51	UGL	102.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	50	UGL	100.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	50	UGL	100.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	50	51	UGL	102.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	TBK-98-03X	TBK98003	ADV1W*30	XDGV	27-MAY-98	03-JUN-98	50	47	UGL	94.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	TBK-98-001	TBK98001	LADV1W*1	XDGV	20-MAY-98	03-JUN-98	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	SBK-98-001	SBK98001	LADV1W*2	XDGV	20-MAY-98	03-JUN-98	50	51	UGL	102.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57W-98-01X	WX570100	LADV1W*3	XDGV	21-MAY-98	03-JUN-98	50	51	UGL	102.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57W-98-02X	WX570200	LADV1W*5	XDGV	21-MAY-98	03-JUN-98	50	50	UGL	100.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57W-98-03X	WX570300	LADV1W*7	XDGV	21-MAY-98	03-JUN-98	50	50	UGL	100.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	4BFB	57W-98-04X	WX570400	LADV1W*9	XDGV	21-MAY-98	03-JUN-98	50	51	UGL	102.0
			**********										----------
			avg										98.9
			minimum										92.0
			maximum										102.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57W-98-05X	WX570500	ADV1W*11	XDGV	21-MAY-98	03-JUN-98	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57W-98-06X	WX570600	ADV1W*13	XDGV	21-MAY-98	03-JUN-98	50	50	UGL	100.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57W-98-07X	WX570700	ADV1W*15	XDGV	21-MAY-98	03-JUN-98	50	50	UGL	100.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57W-98-08X	WX570800	ADV1W*17	XDGV	21-MAY-98	03-JUN-98	50	46	UGL	92.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	TBK-98-02X	TBK98002	ADV1W*19	XDGV	21-MAY-98	03-JUN-98	50	51	UGL	102.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57P-98-02X	MX5702XX	ADV1W*20	XDGV	26-MAY-98	03-JUN-98	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57P-98-03X	MX5703XX	ADV1W*22	XDGV	26-MAY-98	03-JUN-98	50	50	UGL	100.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57P-98-04X	MX5704XX	ADV1W*24	XDGV	26-MAY-98	03-JUN-98	50	51	UGL	102.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	50	UGL	100.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	49	UGL	98.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	50	51	UGL	102.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	TBK-98-03X	TBK98003	ADV1W*30	XDGV	27-MAY-98	03-JUN-98	50	48	UGL	96.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	TBK-98-001	TBK98001	LADV1W*1	XDGV	20-MAY-98	03-JUN-98	50	51	UGL	102.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	SBK-98-001	SBK98001	LADV1W*2	XDGV	20-MAY-98	03-JUN-98	50	53	UGL	106.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57W-98-01X	WX570100	LADV1W*3	XDGV	21-MAY-98	03-JUN-98	50	51	UGL	102.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57W-98-02X	WX570200	LADV1W*5	XDGV	21-MAY-98	03-JUN-98	50	51	UGL	102.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57W-98-03X	WX570300	LADV1W*7	XDGV	21-MAY-98	03-JUN-98	50	50	UGL	100.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6D8	57W-98-04X	WX570400	LADV1W*9	XDGV	21-MAY-98	03-JUN-98	50	52	UGL	104.0
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TABLE D-5

VOLATILE SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
			avg										100.1
			minimum										92.0
			maximum										106.0

TABLE D-6

SEMIVOLATILE SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-09X	SX570900	ADV1S*10	OEXL	19-MAY-98	29-MAY-98	6.7	6.6	UGG	98.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-13X	SX571301	ADV1S*11	OEXL	20-MAY-98	29-MAY-98	6.7	6.1	UGG	91.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	6.7	6.8	UGG	101.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	6.7	6.4	UGG	95.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	6.7	6.3	UGG	94.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-15X	SX571503	ADV1S*13	OEXL	20-MAY-98	29-MAY-98	6.7	5.9	UGG	88.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57D-98-01X	DX570100	ADV1S*14	OEYL	21-MAY-98	16-JUN-98	6.7	5.9	UGG	88.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57D-98-02X	DX570200	ADV1S*15	OEYL	21-MAY-98	16-JUN-98	6.7	6	UGG	89.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57D-98-03X	DX570300	ADV1S*16	OEYL	21-MAY-98	16-JUN-98	6.7	5.8	UGG	86.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57D-98-04X	DX570400	ADV1S*17	OEYL	21-MAY-98	16-JUN-98	6.7	6	UGG	89.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57D-98-05X	DX570500	ADV1S*18	OEYL	21-MAY-98	16-JUN-98	6.7	6	UGG	89.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57D-98-06X	DX570600	ADV1S*19	OEYL	21-MAY-98	16-JUN-98	6.7	6.3	UGG	94.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57D-98-07X	DX570700	ADV1S*20	OEYL	21-MAY-98	17-JUN-98	6.7	6.4	UGG	95.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57D-98-08X	DX570800	ADV1S*21	OEYL	21-MAY-98	17-JUN-98	6.7	6.6	UGG	98.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	6.7	3	UGG	44.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-01X	SX570101	LADV1S*1	OEXL	19-MAY-98	28-MAY-98	6.7	6.2	UGG	92.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-02X	SX570200	LADV1S*2	OEXL	19-MAY-98	28-MAY-98	6.7	6.2	UGG	92.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-03X	SX570302	LADV1S*3	OEXL	19-MAY-98	28-MAY-98	6.7	6	UGG	89.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-04X	SX570401	LADV1S*4	OEXL	19-MAY-98	28-MAY-98	6.7	5.8	UGG	86.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-05X	SX570503	LADV1S*5	OEXL	19-MAY-98	28-MAY-98	6.7	5.9	UGG	88.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-06X	SX570601	LADV1S*6	OEXL	19-MAY-98	28-MAY-98	6.7	5.9	UGG	88.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	6.7	5.4	UGG	80.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-07X	SX570701	LADV1S*8	OEXL	19-MAY-98	28-MAY-98	6.7	5.1	UGG	76.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TBP	57S-98-08X	SX570800	LADV1S*9	OEXL	19-MAY-98	29-MAY-98	6.7	6.6	UGG	98.5
			**********										
			avg										89.1
			minimum										44.8
			maximum										101.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-09X	SX570900	ADV1S*10	OEXL	19-MAY-98	29-MAY-98	3.3	3.2	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-13X	SX571301	ADV1S*11	OEXL	20-MAY-98	29-MAY-98	3.3	2.8	UGG	84.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	3.3	3.1	UGG	93.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	3.3	2.8	UGG	84.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	3.3	2.8	UGG	84.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-15X	SX571503	ADV1S*13	OEXL	20-MAY-98	29-MAY-98	3.3	2.5	UGG	75.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57D-98-01X	DX570100	ADV1S*14	OEYL	21-MAY-98	16-JUN-98	3.3	2.6	UGG	78.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57D-98-02X	DX570200	ADV1S*15	OEYL	21-MAY-98	16-JUN-98	3.3	2.7	UGG	81.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57D-98-03X	DX570300	ADV1S*16	OEYL	21-MAY-98	16-JUN-98	3.3	2.5	UGG	75.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57D-98-04X	DX570400	ADV1S*17	OEYL	21-MAY-98	16-JUN-98	3.3	2.5	UGG	75.8

TABLE D-6

SEMIVOLATILE SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57D-98-05X	DX570500	ADV1S*18	OEYL	21-MAY-98	16-JUN-98	3.3	2.6	UGG	78.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57D-98-06X	DX570600	ADV1S*19	OEYL	21-MAY-98	16-JUN-98	3.3	2.7	UGG	81.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57D-98-07X	DX570700	ADV1S*20	OEYL	21-MAY-98	17-JUN-98	3.3	2.8	UGG	84.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57D-98-08X	DX570800	ADV1S*21	OEYL	21-MAY-98	17-JUN-98	3.3	2.8	UGG	84.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	3.3	1.3	UGG	39.4
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-01X	SX570101	LADV1S*1	OEXL	19-MAY-98	28-MAY-98	3.3	2.9	UGG	87.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-02X	SX570200	LADV1S*2	OEXL	19-MAY-98	28-MAY-98	3.3	3.2	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-03X	SX570302	LADV1S*3	OEXL	19-MAY-98	28-MAY-98	3.3	3.2	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-04X	SX570401	LADV1S*4	OEXL	19-MAY-98	28-MAY-98	3.3	3	UGG	90.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-05X	SX570503	LADV1S*5	OEXL	19-MAY-98	28-MAY-98	3.3	3.1	UGG	93.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-06X	SX570601	LADV1S*6	OEXL	19-MAY-98	28-MAY-98	3.3	2.9	UGG	87.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	3.3	2.6	UGG	78.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-07X	SX570701	LADV1S*8	OEXL	19-MAY-98	28-MAY-98	3.3	2.6	UGG	78.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FBP	57S-98-08X	SX570800	LADV1S*9	OEXL	19-MAY-98	29-MAY-98	3.3	3.3	UGG	100.0
			**********										----------
			avg										84.0
			minimum										39.4
			maximum										100.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-09X	SX570900	ADV1S*10	OEXL	19-MAY-98	29-MAY-98	6.7	6.3	UGG	94.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-13X	SX571301	ADV1S*11	OEXL	20-MAY-98	29-MAY-98	6.7	5.6	UGG	83.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	6.7	5.4	UGG	80.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	6.7	5.3	UGG	79.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	6.7	5.1	UGG	76.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-15X	SX571503	ADV1S*13	OEXL	20-MAY-98	29-MAY-98	6.7	4.2	UGG	62.7
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57D-98-01X	DX570100	ADV1S*14	OEYL	21-MAY-98	16-JUN-98	6.7	5.2	UGG	77.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57D-98-02X	DX570200	ADV1S*15	OEYL	21-MAY-98	16-JUN-98	6.7	5.7	UGG	85.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57D-98-03X	DX570300	ADV1S*16	OEYL	21-MAY-98	16-JUN-98	6.7	5.4	UGG	80.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57D-98-04X	DX570400	ADV1S*17	OEYL	21-MAY-98	16-JUN-98	6.7	5.3	UGG	79.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57D-98-05X	DX570500	ADV1S*18	OEYL	21-MAY-98	16-JUN-98	6.7	5.9	UGG	88.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57D-98-06X	DX570600	ADV1S*19	OEYL	21-MAY-98	16-JUN-98	6.7	5.8	UGG	86.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57D-98-07X	DX570700	ADV1S*20	OEYL	21-MAY-98	17-JUN-98	6.7	5.8	UGG	86.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57D-98-08X	DX570800	ADV1S*21	OEYL	21-MAY-98	17-JUN-98	6.7	5.8	UGG	86.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	6.7	2.8	UGG	41.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-01X	SX570101	LADV1S*1	OEXL	19-MAY-98	28-MAY-98	6.7	5.4	UGG	80.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-02X	SX570200	LADV1S*2	OEXL	19-MAY-98	28-MAY-98	6.7	6.6	UGG	98.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-03X	SX570302	LADV1S*3	OEXL	19-MAY-98	28-MAY-98	6.7	6.8	UGG	101.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-04X	SX570401	LADV1S*4	OEXL	19-MAY-98	28-MAY-98	6.7	5.5	UGG	82.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-05X	SX570503	LADV1S*5	OEXL	19-MAY-98	28-MAY-98	6.7	5.3	UGG	79.1

TABLE D-6

SEMIVOLATILE SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-06X	SX570601	LADV1S*6	OEXL	19-MAY-98	28-MAY-98	6.7	6.1	UGG	91.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	6.7	5.7	UGG	85.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-07X	SX570701	LADV1S*8	OEXL	19-MAY-98	28-MAY-98	6.7	6	UGG	89.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2FP	57S-98-08X	SX570800	LADV1S*9	OEXL	19-MAY-98	29-MAY-98	6.7	6.5	UGG	97.0
			**********										----------
			avg										83.0
			minimum										41.8
			maximum										101.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-09X	SX570900	ADV1S*10	OEXL	19-MAY-98	29-MAY-98	3.3	3.1	UGG	93.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-13X	SX571301	ADV1S*11	OEXL	20-MAY-98	29-MAY-98	3.3	2.8	UGG	84.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	3.3	2.7	UGG	81.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	3.3	2.6	UGG	78.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	3.3	2.6	UGG	78.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-15X	SX571503	ADV1S*13	OEXL	20-MAY-98	29-MAY-98	3.3	2.2	UGG	66.7
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57D-98-01X	DX570100	ADV1S*14	OEYL	21-MAY-98	16-JUN-98	3.3	2.5	UGG	75.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57D-98-02X	DX570200	ADV1S*15	OEYL	21-MAY-98	16-JUN-98	3.3	2.6	UGG	78.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57D-98-03X	DX570300	ADV1S*16	OEYL	21-MAY-98	16-JUN-98	3.3	2.5	UGG	75.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57D-98-04X	DX570400	ADV1S*17	OEYL	21-MAY-98	16-JUN-98	3.3	2.5	UGG	75.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57D-98-05X	DX570500	ADV1S*18	OEYL	21-MAY-98	16-JUN-98	3.3	2.7	UGG	81.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57D-98-06X	DX570600	ADV1S*19	OEYL	21-MAY-98	16-JUN-98	3.3	2.6	UGG	78.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57D-98-07X	DX570700	ADV1S*20	OEYL	21-MAY-98	17-JUN-98	3.3	2.7	UGG	81.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57D-98-08X	DX570800	ADV1S*21	OEYL	21-MAY-98	17-JUN-98	3.3	2.7	UGG	81.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	3.3	1.3	UGG	39.4
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-01X	SX570101	LADV1S*1	OEXL	19-MAY-98	28-MAY-98	3.3	2.8	UGG	84.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-02X	SX570200	LADV1S*2	OEXL	19-MAY-98	28-MAY-98	3.3	3.1	UGG	93.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-03X	SX570302	LADV1S*3	OEXL	19-MAY-98	28-MAY-98	3.3	3	UGG	90.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-04X	SX570401	LADV1S*4	OEXL	19-MAY-98	28-MAY-98	3.3	2.8	UGG	84.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-05X	SX570503	LADV1S*5	OEXL	19-MAY-98	28-MAY-98	3.3	2.8	UGG	84.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-06X	SX570601	LADV1S*6	OEXL	19-MAY-98	28-MAY-98	3.3	3	UGG	90.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	3.3	2.7	UGG	81.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-07X	SX570701	LADV1S*8	OEXL	19-MAY-98	28-MAY-98	3.3	2.9	UGG	87.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NBD5	57S-98-08X	SX570800	LADV1S*9	OEXL	19-MAY-98	29-MAY-98	3.3	3.1	UGG	93.9
			**********										----------
			avg										81.2
			minimum										39.4
			maximum										93.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-09X	SX570900	ADV1S*10	OEXL	19-MAY-98	29-MAY-98	6.7	6.6	UGG	98.5

TABLE D-6

SEMIVOLATILE SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-13X	SX571301	ADV1S*11	OEXL	20-MAY-98	29-MAY-98	6.7	6.1	UGG	91.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	6.7	5.8	UGG	86.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	6.7	5.7	UGG	85.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	6.7	5.4	UGG	80.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-15X	SX571503	ADV1S*13	OEXL	20-MAY-98	29-MAY-98	6.7	4.7	UGG	70.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57D-98-01X	DX570100	ADV1S*14	OEYL	21-MAY-98	16-JUN-98	6.7	5.4	UGG	80.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57D-98-02X	DX570200	ADV1S*15	OEYL	21-MAY-98	16-JUN-98	6.7	5.5	UGG	82.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57D-98-03X	DX570300	ADV1S*16	OEYL	21-MAY-98	16-JUN-98	6.7	5.6	UGG	83.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57D-98-04X	DX570400	ADV1S*17	OEYL	21-MAY-98	16-JUN-98	6.7	5.4	UGG	80.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57D-98-05X	DX570500	ADV1S*18	OEYL	21-MAY-98	16-JUN-98	6.7	5.9	UGG	88.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57D-98-06X	DX570600	ADV1S*19	OEYL	21-MAY-98	16-JUN-98	6.7	5.8	UGG	86.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57D-98-07X	DX570700	ADV1S*20	OEYL	21-MAY-98	17-JUN-98	6.7	5.9	UGG	88.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57D-98-08X	DX570800	ADV1S*21	OEYL	21-MAY-98	17-JUN-98	6.7	5.8	UGG	86.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	6.7	3	UGG	44.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-01X	SX570101	LADV1S*1	OEXL	19-MAY-98	28-MAY-98	6.7	6	UGG	89.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-02X	SX570200	LADV1S*2	OEXL	19-MAY-98	28-MAY-98	6.7	6.7	UGG	100.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-03X	SX570302	LADV1S*3	OEXL	19-MAY-98	28-MAY-98	6.7	6.4	UGG	95.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-04X	SX570401	LADV1S*4	OEXL	19-MAY-98	28-MAY-98	6.7	5.8	UGG	86.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-05X	SX570503	LADV1S*5	OEXL	19-MAY-98	28-MAY-98	6.7	5.8	UGG	86.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-06X	SX570601	LADV1S*6	OEXL	19-MAY-98	28-MAY-98	6.7	6.4	UGG	95.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	6.7	5.8	UGG	86.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-07X	SX570701	LADV1S*8	OEXL	19-MAY-98	28-MAY-98	6.7	6.2	UGG	92.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHEND6	57S-98-08X	SX570800	LADV1S*9	OEXL	19-MAY-98	29-MAY-98	6.7	6.8	UGG	101.5
			**********										----------
			avg										86.1
			minimum										44.8
			maximum										101.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-09X	SX570900	ADV1S*10	OEXL	19-MAY-98	29-MAY-98	3.3	3.2	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-13X	SX571301	ADV1S*11	OEXL	20-MAY-98	29-MAY-98	3.3	2.6	UGG	78.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	3.3	3.5	UGG	106.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	3.3	3.2	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-14X	SX571401	ADV1S*12	OEXL	20-MAY-98	29-MAY-98	3.3	3	UGG	90.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-15X	SX571503	ADV1S*13	OEXL	20-MAY-98	29-MAY-98	3.3	3.2	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57D-98-01X	DX570100	ADV1S*14	OEYL	21-MAY-98	16-JUN-98	3.3	3.4	UGG	103.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57D-98-02X	DX570200	ADV1S*15	OEYL	21-MAY-98	16-JUN-98	3.3	3.3	UGG	100.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57D-98-03X	DX570300	ADV1S*16	OEYL	21-MAY-98	16-JUN-98	3.3	3.3	UGG	100.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57D-98-04X	DX570400	ADV1S*17	OEYL	21-MAY-98	16-JUN-98	3.3	3.3	UGG	100.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57D-98-05X	DX570500	ADV1S*18	OEYL	21-MAY-98	16-JUN-98	3.3	3.1	UGG	93.9

TABLE D-6

SEMIVOLATILE SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57D-98-06X	DX570600	ADV1S*19	OEYL	21-MAY-98	16-JUN-98	3.3	3.4	UGG	103.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57D-98-07X	DX570700	ADV1S*20	OEYL	21-MAY-98	17-JUN-98	3.3	3.5	UGG	106.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57D-98-08X	DX570800	ADV1S*21	OEYL	21-MAY-98	17-JUN-98	3.3	3.7	UGG	112.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	3.3	1.5	UGG	45.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-01X	SX570101	LADV1S*1	OEXL	19-MAY-98	28-MAY-98	3.3	3	UGG	90.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-02X	SX570200	LADV1S*2	OEXL	19-MAY-98	28-MAY-98	3.3	3.2	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-03X	SX570302	LADV1S*3	OEXL	19-MAY-98	28-MAY-98	3.3	3.3	UGG	100.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-04X	SX570401	LADV1S*4	OEXL	19-MAY-98	28-MAY-98	3.3	3.3	UGG	100.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-05X	SX570503	LADV1S*5	OEXL	19-MAY-98	28-MAY-98	3.3	3.2	UGG	97.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-06X	SX570601	LADV1S*6	OEXL	19-MAY-98	28-MAY-98	3.3	3.1	UGG	93.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	3.3	2.9	UGG	87.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-07X	SX570701	LADV1S*8	OEXL	19-MAY-98	28-MAY-98	3.3	2.8	UGG	84.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	TRPD14	57S-98-08X	SX570800	LADV1S*9	OEXL	19-MAY-98	29-MAY-98	3.3	3.2	UGG	97.0
			**********										
			avg										94.9
			minimum										45.5
			maximum										112.1
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57W-98-05X	WX570500	ADV1W*11	WDHO	21-MAY-98	15-JUN-98	100	92	UGL	92.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57W-98-07X	WX570700	ADV1W*15	WDHO	21-MAY-98	15-JUN-98	100	85	UGL	85.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57W-98-08X	WX570800	ADV1W*17	WDHO	21-MAY-98	16-JUN-98	100	82	UGL	82.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57P-98-02X	MX5702XX	ADV1W*20	WDIO	26-MAY-98	16-JUN-98	100	88	UGL	88.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57P-98-03X	MX5703XX	ADV1W*22	WDIO	26-MAY-98	16-JUN-98	100	78	UGL	78.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57P-98-04X	MX5704XX	ADV1W*24	WDIO	26-MAY-98	16-JUN-98	100	51	UGL	51.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	60	UGL	60.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	51	UGL	51.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	49	UGL	49.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	100	66	UGL	66.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	SBK-98-001	SBK98001	LADV1W*2	WDHO	21-MAY-98	15-JUN-98	100	88	UGL	88.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57W-98-02X	WX570200	LADV1W*5	WDHO	21-MAY-98	15-JUN-98	100	91	UGL	91.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57W-98-03X	WX570300	LADV1W*7	WDHO	21-MAY-98	15-JUN-98	100	83	UGL	83.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TBP	57W-98-04X	WX570400	LADV1W*9	WDHO	21-MAY-98	15-JUN-98	100	84	UGL	84.0
			**********										
			avg										74.9
			minimum										49.0
			maximum										92.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57W-98-05X	WX570500	ADV1W*11	WDHO	21-MAY-98	15-JUN-98	50	38	UGL	76.0

TABLE D-6

SEMIVOLATILE SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57W-98-07X	WX570700	ADV1W*15	WDHO	21-MAY-98	15-JUN-98	50	22	UGL	44.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57W-98-08X	WX570800	ADV1W*17	WDHO	21-MAY-98	16-JUN-98	50	29	UGL	58.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57P-98-02X	MX5702XX	ADV1W*20	WDIO	26-MAY-98	16-JUN-98	50	39	UGL	78.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57P-98-03X	MX5703XX	ADV1W*22	WDIO	26-MAY-98	16-JUN-98	50	37	UGL	74.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57P-98-04X	MX5704XX	ADV1W*24	WDIO	26-MAY-98	16-JUN-98	50	35	UGL	70.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	41	UGL	82.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	40	UGL	80.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	36	UGL	72.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	50	39	UGL	78.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	SBK-98-001	SBK98001	LADV1W*2	WDHO	21-MAY-98	15-JUN-98	50	36	UGL	72.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57W-98-02X	WX570200	LADV1W*5	WDHO	21-MAY-98	15-JUN-98	50	40	UGL	80.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57W-98-03X	WX570300	LADV1W*7	WDHO	21-MAY-98	15-JUN-98	50	14	UGL	28.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FBP	57W-98-04X	WX570400	LADV1W*9	WDHO	21-MAY-98	15-JUN-98	50	14	UGL	28.0
			**********										----------
			avg										65.7
			minimum										28.0
			maximum										82.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57W-98-05X	WX570500	ADV1W*11	WDHO	21-MAY-98	15-JUN-98	100	72	UGL	72.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57W-98-07X	WX570700	ADV1W*15	WDHO	21-MAY-98	15-JUN-98	100	70	UGL	70.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57W-98-08X	WX570800	ADV1W*17	WDHO	21-MAY-98	16-JUN-98	100	61	UGL	61.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57P-98-02X	MX5702XX	ADV1W*20	WDIO	26-MAY-98	16-JUN-98	100	53	UGL	53.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57P-98-03X	MX5703XX	ADV1W*22	WDIO	26-MAY-98	16-JUN-98	100	17	UGL	17.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57P-98-04X	MX5704XX	ADV1W*24	WDIO	26-MAY-98	16-JUN-98	100	17	UGL	17.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	17	UGL	17.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	17	UGL	17.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	17	UGL	17.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	100	17	UGL	17.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	SBK-98-001	SBK98001	LADV1W*2	WDHO	21-MAY-98	15-JUN-98	100	66	UGL	66.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57W-98-02X	WX570200	LADV1W*5	WDHO	21-MAY-98	15-JUN-98	100	76	UGL	76.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57W-98-03X	WX570300	LADV1W*7	WDHO	21-MAY-98	15-JUN-98	100	63	UGL	63.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2FP	57W-98-04X	WX570400	LADV1W*9	WDHO	21-MAY-98	15-JUN-98	100	68	UGL	68.0
			**********										----------
			avg										45.1
			minimum										17.0
			maximum										76.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57W-98-05X	WX570500	ADV1W*11	WDHO	21-MAY-98	15-JUN-98	50	11	UGL	22.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57W-98-07X	WX570700	ADV1W*15	WDHO	21-MAY-98	15-JUN-98	50	23	UGL	46.0

TABLE D-6

SEMIVOLATILE SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57W-98-08X	WX570800	ADV1W*17	WDHO	21-MAY-98	16-JUN-98	50	29	UGL	58.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57P-98-02X	MX5702XX	ADV1W*20	WDIO	26-MAY-98	16-JUN-98	50	38	UGL	76.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57P-98-03X	MX5703XX	ADV1W*22	WDIO	26-MAY-98	16-JUN-98	50	35	UGL	70.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57P-98-04X	MX5704XX	ADV1W*24	WDIO	26-MAY-98	16-JUN-98	50	31	UGL	62.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	41	UGL	82.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	40	UGL	80.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	37	UGL	74.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	50	38	UGL	76.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	SBK-98-001	SBK98001	LADV1W*2	WDHO	21-MAY-98	15-JUN-98	50	38	UGL	76.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57W-98-02X	WX570200	LADV1W*5	WDHO	21-MAY-98	15-JUN-98	50	41	UGL	82.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57W-98-03X	WX570300	LADV1W*7	WDHO	21-MAY-98	15-JUN-98	50	15	UGL	30.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NBD5	57W-98-04X	WX570400	LADV1W*9	WDHO	21-MAY-98	15-JUN-98	50	14	UGL	28.0
			**********										----------
			avg										61.6
			minimum										22.0
			maximum										82.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57W-98-05X	WX570500	ADV1W*11	WDHO	21-MAY-98	15-JUN-98	100	51	UGL	51.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57W-98-07X	WX570700	ADV1W*15	WDHO	21-MAY-98	15-JUN-98	100	51	UGL	51.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57W-98-08X	WX570800	ADV1W*17	WDHO	21-MAY-98	16-JUN-98	100	43	UGL	43.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57P-98-02X	MX5702XX	ADV1W*20	WDIO	26-MAY-98	16-JUN-98	100	38	UGL	38.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57P-98-03X	MX5703XX	ADV1W*22	WDIO	26-MAY-98	16-JUN-98	100	36	UGL	36.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57P-98-04X	MX5704XX	ADV1W*24	WDIO	26-MAY-98	16-JUN-98	100	36	UGL	36.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	36	UGL	36.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	36	UGL	36.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	36	UGL	36.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	100	36	UGL	36.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	SBK-98-001	SBK98001	LADV1W*2	WDHO	21-MAY-98	15-JUN-98	100	49	UGL	49.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57W-98-02X	WX570200	LADV1W*5	WDHO	21-MAY-98	15-JUN-98	100	57	UGL	57.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57W-98-03X	WX570300	LADV1W*7	WDHO	21-MAY-98	15-JUN-98	100	44	UGL	44.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHEND6	57W-98-04X	WX570400	LADV1W*9	WDHO	21-MAY-98	15-JUN-98	100	46	UGL	46.0
			**********										----------
			avg										42.5
			minimum										36.0
			maximum										57.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57W-98-05X	WX570500	ADV1W*11	WDHO	21-MAY-98	15-JUN-98	50	41	UGL	82.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57W-98-07X	WX570700	ADV1W*15	WDHO	21-MAY-98	15-JUN-98	50	29	UGL	58.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57W-98-08X	WX570800	ADV1W*17	WDHO	21-MAY-98	16-JUN-98	50	35	UGL	70.0

TABLE D-6

SEMIVOLATILE SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57P-98-02X	MX5702XX	ADV1W*20	WDIO	26-MAY-98	16-JUN-98	50	51	UGL	102.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57P-98-03X	MX5703XX	ADV1W*22	WDIO	26-MAY-98	16-JUN-98	50	48	UGL	96.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57P-98-04X	MX5704XX	ADV1W*24	WDIO	26-MAY-98	16-JUN-98	50	48	UGL	96.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	55	UGL	110.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	52	UGL	104.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	46	UGL	92.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	50	49	UGL	98.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	SBK-98-001	SBK98001	LADV1W*2	WDHO	21-MAY-98	15-JUN-98	50	47	UGL	94.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57W-98-02X	WX570200	LADV1W*5	WDHO	21-MAY-98	15-JUN-98	50	47	UGL	94.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57W-98-03X	WX570300	LADV1W*7	WDHO	21-MAY-98	15-JUN-98	50	20	UGL	40.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	TRPD14	57W-98-04X	WX570400	LADV1W*9	WDHO	21-MAY-98	15-JUN-98	50	19	UGL	38.0
			**********										----------
			avg										83.9
			minimum										38.0
			maximum										110.0

TABLE D-7

PESTICIDE/PCB SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-09X	SX570900	ADV1S*10	UFLG	19-MAY-98	29-JUN-98	.0667	.0241	UGG	36.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-13X	SX571301	ADV1S*11	UFLG	20-MAY-98	29-JUN-98	.0667	.0286	UGG	42.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0667	.035	UGG	52.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0667	.0305	UGG	45.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0667	.0299	UGG	44.8
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-15X	SX571503	ADV1S*13	UFLG	20-MAY-98	29-JUN-98	.0667	.0329	UGG	49.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57D-98-01X	DX570100	ADV1S*14	UFNG	21-MAY-98	28-JUN-98	.0662	.0619	UGG	93.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57D-98-02X	DX570200	ADV1S*15	UFNG	21-MAY-98	28-JUN-98	.0667	.0524	UGG	78.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57D-98-03X	DX570300	ADV1S*16	UFNG	21-MAY-98	28-JUN-98	.0662	.0692	UGG	104.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57D-98-04X	DX570400	ADV1S*17	UFNG	21-MAY-98	28-JUN-98	.0667	.0474	UGG	71.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57D-98-05X	DX570500	ADV1S*18	UFNG	21-MAY-98	28-JUN-98	.0662	.0194	UGG	29.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57D-98-06X	DX570600	ADV1S*19	UFNG	21-MAY-98	28-JUN-98	.0667	.0456	UGG	68.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57D-98-07X	DX570700	ADV1S*20	UFNG	21-MAY-98	28-JUN-98	.0667	.0498	UGG	74.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57D-98-08X	DX570800	ADV1S*21	UFNG	21-MAY-98	28-JUN-98	.0667	.0481	UGG	72.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	.0667	.0284	UGG	42.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-01X	SX570101	LADV1S*1	UFLG	19-MAY-98	29-JUN-98	.0667	.0559	UGG	83.8
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-02X	SX570200	LADV1S*2	UFLG	19-MAY-98	29-JUN-98	.0667	.037	UGG	55.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-03X	SX570302	LADV1S*3	UFLG	19-MAY-98	29-JUN-98	.0667	.00931	UGG	14.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-04X	SX570401	LADV1S*4	UFLG	19-MAY-98	29-JUN-98	.0667	.0288	UGG	43.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-05X	SX570503	LADV1S*5	UFLG	19-MAY-98	29-JUN-98	.0667	.0203	UGG	30.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-06X	SX570601	LADV1S*6	UFMG	19-MAY-98	30-MAY-98	.0667	.0445	UGG	66.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	.0667	.0245	UGG	36.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-07X	SX570701	LADV1S*8	UFLG	19-MAY-98	29-JUN-98	.0667	.0136	UGG	20.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP	57S-98-08X	SX570800	LADV1S*9	UFLG	19-MAY-98	29-JUN-98	.0662	.0242	UGG	36.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP				UFLG		29-JUN-98	.0667	.0593	UGG	88.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP				UFNG		28-JUN-98	.0667	.0552	UGG	82.8
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP				UFMG		30-MAY-98	.0667	.0542	UGG	81.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP				UFMG		30-MAY-98	.0667	.048	UGG	72.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP				UFLG		29-JUN-98	.0667	.0413	UGG	61.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL10BP				UFNG		28-JUN-98	.0667	.0346	UGG	51.9
			**********										----------
			avg										57.7
			minimum										14.0
			maximum										104.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-09X	SX570900	ADV1S*10	UFLG	19-MAY-98	29-JUN-98	.0667	.0503	UGG	75.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-13X	SX571301	ADV1S*11	UFLG	20-MAY-98	29-JUN-98	.0667	.0474	UGG	71.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0667	.0473	UGG	70.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0667	.0452	UGG	67.8

TABLE D-7

PESTICIDE/PCB SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0667	.0435	UGG	65.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-15X	SX571503	ADV1S*13	UFLG	20-MAY-98	29-JUN-98	.0667	.0535	UGG	80.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57D-98-01X	DX570100	ADV1S*14	UFNG	21-MAY-98	28-JUN-98	.0662	.0492	UGG	74.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57D-98-02X	DX570200	ADV1S*15	UFNG	21-MAY-98	28-JUN-98	.0667	.0503	UGG	75.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57D-98-03X	DX570300	ADV1S*16	UFNG	21-MAY-98	28-JUN-98	.0662	.0501	UGG	75.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57D-98-04X	DX570400	ADV1S*17	UFNG	21-MAY-98	28-JUN-98	.0667	.0469	UGG	70.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57D-98-05X	DX570500	ADV1S*18	UFNG	21-MAY-98	28-JUN-98	.0662	.0312	UGG	47.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57D-98-06X	DX570600	ADV1S*19	UFNG	21-MAY-98	28-JUN-98	.0667	.0462	UGG	69.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57D-98-07X	DX570700	ADV1S*20	UFNG	21-MAY-98	28-JUN-98	.0667	.0469	UGG	70.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57D-98-08X	DX570800	ADV1S*21	UFNG	21-MAY-98	28-JUN-98	.0667	.0515	UGG	77.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	.0667	.0429	UGG	64.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-01X	SX570101	LADV1S*1	UFLG	19-MAY-98	29-JUN-98	.0667	.0538	UGG	80.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-02X	SX570200	LADV1S*2	UFLG	19-MAY-98	29-JUN-98	.0667	.0491	UGG	73.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-03X	SX570302	LADV1S*3	UFLG	19-MAY-98	29-JUN-98	.0667	.0362	UGG	54.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-04X	SX570401	LADV1S*4	UFLG	19-MAY-98	29-JUN-98	.0667	.0457	UGG	68.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-05X	SX570503	LADV1S*5	UFLG	19-MAY-98	29-JUN-98	.0667	.0483	UGG	72.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-06X	SX570601	LADV1S*6	UFMG	19-MAY-98	30-MAY-98	.0667	.0493	UGG	73.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	.0667	.0431	UGG	64.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-07X	SX570701	LADV1S*8	UFLG	19-MAY-98	29-JUN-98	.0667	.0384	UGG	57.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL	57S-98-08X	SX570800	LADV1S*9	UFLG	19-MAY-98	29-JUN-98	.0662	.0524	UGG	79.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL				UFLG		29-JUN-98	.0667	.0524	UGG	78.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL				UFLG		29-JUN-98	.0667	.051	UGG	76.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL				UFMG		30-MAY-98	.0667	.0493	UGG	73.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL				UFMG		30-MAY-98	.0667	.0485	UGG	72.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL				UFNG		28-JUN-98	.0667	.0469	UGG	70.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	CL4XYL				UFNG		28-JUN-98	.0667	.045	UGG	67.5
			**********										----------
			avg										70.6
			minimum										47.1
			maximum										80.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-09X	SX570900	ADV1S*10	NGII	19-MAY-98	04-JUN-98	.0667	.0577	UGG	86.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-13X	SX571301	ADV1S*11	NGII	20-MAY-98	04-JUN-98	.0667	.0634	UGG	95.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-14X	SX571401	ADV1S*12	NGII	20-MAY-98	04-JUN-98	.0662	.0591	UGG	89.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-14X	SX571401	ADV1S*12	NGII	20-MAY-98	04-JUN-98	.0667	.0583	UGG	87.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-14X	SX571401	ADV1S*12	NGII	20-MAY-98	04-JUN-98	.0662	.0459	UGG	69.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-15X	SX571503	ADV1S*13	NGII	20-MAY-98	04-JUN-98	.0667	.0567	UGG	85.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57D-98-01X	DX570100	ADV1S*14	NGKI	21-MAY-98	14-JUN-98	.0667	.0604	UGG	90.6

TABLE D-7

PESTICIDE/PCB SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57D-98-02X	DX570200	ADV1S*15	NGKI	21-MAY-98	14-JUN-98	.0667	.0615	UGG	92.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57D-98-03X	DX570300	ADV1S*16	NGKI	21-MAY-98	14-JUN-98	.0667	.064	UGG	96.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57D-98-04X	DX570400	ADV1S*17	NGKI	21-MAY-98	14-JUN-98	.0667	.0603	UGG	90.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57D-98-05X	DX570500	ADV1S*18	NGKI	21-MAY-98	14-JUN-98	.0667	.0526	UGG	78.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57D-98-06X	DX570600	ADV1S*19	NGKI	21-MAY-98	14-JUN-98	.0667	.0584	UGG	87.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57D-98-07X	DX570700	ADV1S*20	NGKI	21-MAY-98	14-JUN-98	.0667	.0643	UGG	96.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57D-98-08X	DX570800	ADV1S*21	NGKI	21-MAY-98	14-JUN-98	.0667	.0665	UGG	99.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-07X	SD570700	ADV1S*27	NGII	19-MAY-98	04-JUN-98	.0667	.0783	UGG	117.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-01X	SX570101	LADV1S*1	NGII	19-MAY-98	04-JUN-98	.0667	.0488	UGG	73.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-02X	SX570200	LADV1S*2	NGII	19-MAY-98	04-JUN-98	.0667	.0767	UGG	115.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-03X	SX570302	LADV1S*3	NGII	19-MAY-98	04-JUN-98	.0667	.0573	UGG	85.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-04X	SX570401	LADV1S*4	NGII	19-MAY-98	04-JUN-98	.0667	.0673	UGG	100.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-05X	SX570503	LADV1S*5	NGII	19-MAY-98	04-JUN-98	.0667	.0777	UGG	116.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-06X	SX570601	LADV1S*6	NGJI	19-MAY-98	04-JUN-98	.0667	.043	UGG	64.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-07X	SX570700	LADV1S*7	NGII	19-MAY-98	04-JUN-98	.0667	.0715	UGG	107.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-07X	SX570701	LADV1S*8	NGII	19-MAY-98	04-JUN-98	.0667	.0676	UGG	101.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP	57S-98-08X	SX570800	LADV1S*9	NGII	19-MAY-98	04-JUN-98	.0662	.0552	UGG	83.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP				NGII		04-JUN-98	.0662	.0649	UGG	98.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP				NGKI		14-JUN-98	.0667	.0634	UGG	95.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP				NGKI		14-JUN-98	.0662	.0501	UGG	75.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP				NGII		04-JUN-98	.0667	.05	UGG	75.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP				NGJI		03-JUN-98	.0662	.0466	UGG	70.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL10BP				NGJI		03-JUN-98	.0667	.0352	UGG	52.8
			**********										
			avg										89.2
			minimum										52.8
			maximum										117.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-09X	SX570900	ADV1S*10	NGII	19-MAY-98	04-JUN-98	.0667	.0633	UGG	94.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-13X	SX571301	ADV1S*11	NGII	20-MAY-98	04-JUN-98	.0667	.0604	UGG	90.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-14X	SX571401	ADV1S*12	NGII	20-MAY-98	04-JUN-98	.0667	.0591	UGG	88.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-14X	SX571401	ADV1S*12	NGII	20-MAY-98	04-JUN-98	.0662	.0551	UGG	83.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-14X	SX571401	ADV1S*12	NGII	20-MAY-98	04-JUN-98	.0662	.053	UGG	80.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-15X	SX571503	ADV1S*13	NGII	20-MAY-98	04-JUN-98	.0667	.0645	UGG	96.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57D-98-01X	DX570100	ADV1S*14	NGKI	21-MAY-98	14-JUN-98	.0667	.0597	UGG	89.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57D-98-02X	DX570200	ADV1S*15	NGKI	21-MAY-98	14-JUN-98	.0667	.0628	UGG	94.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57D-98-03X	DX570300	ADV1S*16	NGKI	21-MAY-98	14-JUN-98	.0667	.0621	UGG	93.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57D-98-04X	DX570400	ADV1S*17	NGKI	21-MAY-98	14-JUN-98	.0667	.0588	UGG	88.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57D-98-05X	DX570500	ADV1S*18	NGKI	21-MAY-98	14-JUN-98	.0667	.0506	UGG	75.9

TABLE D-7

PESTICIDE/PCB SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57D-98-06X	DX570600	ADV1S*19	NGKI	21-MAY-98	14-JUN-98	.0667	.0613	UGG	91.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57D-98-07X	DX570700	ADV1S*20	NGKI	21-MAY-98	14-JUN-98	.0667	.0605	UGG	90.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57D-98-08X	DX570800	ADV1S*21	NGKI	21-MAY-98	14-JUN-98	.0667	.0618	UGG	92.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-07X	SD570700	ADV1S*27	NGII	19-MAY-98	04-JUN-98	.0667	.0692	UGG	103.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-01X	SX570101	LADV1S*1	NGII	19-MAY-98	04-JUN-98	.0667	.0551	UGG	82.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-02X	SX570200	LADV1S*2	NGII	19-MAY-98	04-JUN-98	.0667	.0605	UGG	90.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-03X	SX570302	LADV1S*3	NGII	19-MAY-98	04-JUN-98	.0667	.0532	UGG	79.8
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-04X	SX570401	LADV1S*4	NGII	19-MAY-98	04-JUN-98	.0667	.0611	UGG	91.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-05X	SX570503	LADV1S*5	NGII	19-MAY-98	04-JUN-98	.0667	.0678	UGG	101.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-06X	SX570601	LADV1S*6	NGJI	19-MAY-98	04-JUN-98	.0667	.0466	UGG	69.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-07X	SX570700	LADV1S*7	NGII	19-MAY-98	04-JUN-98	.0667	.0609	UGG	91.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-07X	SX570701	LADV1S*8	NGII	19-MAY-98	04-JUN-98	.0667	.0604	UGG	90.6
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL	57S-98-08X	SX570800	LADV1S*9	NGII	19-MAY-98	04-JUN-98	.0662	.0586	UGG	88.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL				NGII		04-JUN-98	.0662	.0621	UGG	93.8
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL				NGKI		14-JUN-98	.0667	.0621	UGG	93.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL				NGKI		14-JUN-98	.0662	.0591	UGG	89.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL				NGII		04-JUN-98	.0667	.0536	UGG	80.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL				NGJI		03-JUN-98	.0662	.0479	UGG	72.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	CL4XYL				NGJI		03-JUN-98	.0667	.0412	UGG	61.8
			**********										----------
			avg										87.7
			minimum										61.8
			maximum										103.7
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57W-98-05X	WX570500	ADV1W*11	SDVG	21-MAY-98	03-JUN-98	1.25	.687	UGL	55.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57W-98-06X	WX570600	ADV1W*13	SDXG	21-MAY-98	23-JUL-98	1.25	.639	UGL	51.1
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57W-98-07X	WX570700	ADV1W*15	SDVG	21-MAY-98	03-JUN-98	1.25	.704	UGL	56.3
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57W-98-08X	WX570800	ADV1W*17	SDVG	21-MAY-98	03-JUN-98	1.25	.76	UGL	60.8
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57P-98-02X	MX5702XX	ADV1W*20	SDWG	26-MAY-98	24-JUN-98	1.25	.646	UGL	51.7
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57P-98-03X	MX5703XX	ADV1W*22	SDWG	26-MAY-98	24-JUN-98	1.25	.931	UGL	74.5
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57P-98-04X	MX5704XX	ADV1W*24	SDWG	26-MAY-98	24-JUN-98	1.25	.93	UGL	74.4
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	1.25	.891	UGL	71.3
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	1.25	.563	UGL	45.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	1.25	.558	UGL	44.6
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57M-96-11X	MD5711XX	ADV1W*28	SDWG	27-MAY-98	24-JUN-98	1.25	.921	UGL	73.7
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	SBK-98-001	SBK98001	LADV1W*2	SDUG	20-MAY-98	02-JUN-98	1.25	1.04	UGL	83.2
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57W-98-01X	WX570100	LADV1W*3	SDVG	21-MAY-98	02-JUN-98	1.25	1.19	UGL	95.2
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57W-98-02X	WX570200	LADV1W*5	SDVG	21-MAY-98	02-JUN-98	1.25	.918	UGL	73.4

TABLE D-7

PESTICIDE/PCB SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57W-98-03X	WX570300	LADV1W*7	SDVG	21-MAY-98	02-JUN-98	1.25	.665	UGL	53.2
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP	57W-98-04X	WX570400	LADV1W*9	SDVG	21-MAY-98	02-JUN-98	1.25	.356	UGL	28.5
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP				SDUG		02-JUN-98	1.25	1.25	UGL	100.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP				SDXG		23-JUL-98	1.25	1.23	UGL	98.4
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP				SDUG		02-JUN-98	1.25	1.15	UGL	92.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP				SDXG		23-JUL-98	1.25	1.08	UGL	86.4
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP				SDWG		24-JUN-98	1.25	.933	UGL	74.6
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP				SDWG		24-JUN-98	1.25	.9	UGL	72.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP				SDVG		02-JUN-98	1.25	.59	UGL	47.2
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL10BP				SDVG		02-JUN-98	1.25	.313	UGL	25.0
			**********										----------
			avg										66.2
			minimum										25.0
			maximum										100.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	57W-98-05X	WX570500	ADV1W*11	SDVG	21-MAY-98	03-JUN-98	1.25	.902	UGL	72.2
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	57W-98-06X	WX570600	ADV1W*13	SDXG	21-MAY-98	23-JUL-98	1.25	.795	UGL	63.6
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	57W-98-07X	WX570700	ADV1W*15	SDVG	21-MAY-98	03-JUN-98	1.25	.796	UGL	63.7
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	57W-98-08X	WX570800	ADV1W*17	SDVG	21-MAY-98	03-JUN-98	1.25	.792	UGL	63.4
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	57P-98-02X	MX5702XX	ADV1W*20	SDWG	26-MAY-98	24-JUN-98	1.25	.857	UGL	68.6
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	57P-98-03X	MX5703XX	ADV1W*22	SDWG	26-MAY-98	24-JUN-98	1.25	.985	UGL	78.8
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	57P-98-04X	MX5704XX	ADV1W*24	SDWG	26-MAY-98	24-JUN-98	1.25	.992	UGL	79.4
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	1.25	1.03	UGL	82.4
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	1.25	1.02	UGL	81.6
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	1.25	.897	UGL	71.8
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	57M-96-11X	MD5711XX	ADV1W*28	SDWG	27-MAY-98	24-JUN-98	1.25	.946	UGL	75.7
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	SBK-98-001	SBK98001	LADV1W*2	SDUG	20-MAY-98	02-JUN-98	1.25	1.15	UGL	92.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	57W-98-01X	WX570100	LADV1W*3	SDVG	21-MAY-98	02-JUN-98	1.25	1.02	UGL	81.6
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	57W-98-02X	WX570200	LADV1W*5	SDVG	21-MAY-98	02-JUN-98	1.25	.874	UGL	69.9
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	57W-98-03X	WX570300	LADV1W*7	SDVG	21-MAY-98	02-JUN-98	1.25	.682	UGL	54.6
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL	57W-98-04X	WX570400	LADV1W*9	SDVG	21-MAY-98	02-JUN-98	1.25	.243	UGL	19.4
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL				SDUG		02-JUN-98	1.25	1.17	UGL	93.6
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL				SDUG		02-JUN-98	1.25	1.1	UGL	88.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL				SDXG		23-JUL-98	1.25	.988	UGL	79.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL				SDWG		24-JUN-98	1.25	.972	UGL	77.8
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL				SDXG		23-JUL-98	1.25	.934	UGL	74.7
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL				SDWG		24-JUN-98	1.25	.885	UGL	70.8
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL				SDVG		02-JUN-98	1.25	.452	UGL	36.2
ABB-ES	PESTICIDES/WATER/GCEC	UH02	CL4XYL				SDVG		02-JUN-98	1.25	.148	UGL	11.8

TABLE D-7

PESTICIDE/PCB SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
			**********										
			avg										68.8
			minimum										11.8
			maximum										93.6
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57W-98-05X	WX570500	ADV1W*11	TDNI	21-MAY-98	27-JUN-98	1.25	.618	UGL	49.4
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57W-98-07X	WX570700	ADV1W*15	TDNI	21-MAY-98	27-JUN-98	1.25	.856	UGL	68.5
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57W-98-08X	WX570800	ADV1W*17	TDNI	21-MAY-98	27-JUN-98	1.25	.9	UGL	72.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57P-98-02X	MX5702XX	ADV1W*20	TDOI	26-MAY-98	27-JUN-98	1.25	.819	UGL	65.5
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57P-98-03X	MX5703XX	ADV1W*22	TDOI	26-MAY-98	27-JUN-98	1.25	.68	UGL	54.4
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57P-98-04X	MX5704XX	ADV1W*24	TDOI	26-MAY-98	27-JUN-98	1.25	.762	UGL	61.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	1.25	.781	UGL	62.5
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	1.25	.623	UGL	49.8
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	1.25	.371	UGL	29.7
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	1.25	.696	UGL	55.7
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	SBK-98-001	SBK98001	LADV1W*2	TDSI	20-MAY-98	28-MAY-98	1.25	.995	UGL	79.6
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57W-98-01X	WX570100	LADV1W*3	TDNI	21-MAY-98	27-JUN-98	1.25	.692	UGL	55.4
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57W-98-02X	WX570200	LADV1W*5	TDNI	21-MAY-98	27-JUN-98	1.25	.251	UGL	20.1
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57W-98-03X	WX570300	LADV1W*7	TDNI	21-MAY-98	27-JUN-98	1.25	.659	UGL	52.7
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP	57W-98-04X	WX570400	LADV1W*9	TDNI	21-MAY-98	27-JUN-98	1.25	.763	UGL	61.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP				TDNI		27-JUN-98	1.25	1.34	UGL	107.2
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP				TDNI		27-JUN-98	1.25	1.23	UGL	98.4
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP				TDOI		27-JUN-98	1.25	.832	UGL	66.6
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL10BP				TDOI		27-JUN-98	1.25	.704	UGL	56.3
			**********										
			avg										61.4
			minimum										20.1
			maximum										107.2
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57W-98-05X	WX570500	ADV1W*11	TDNI	21-MAY-98	27-JUN-98	1.25	.484	UGL	38.7
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57W-98-07X	WX570700	ADV1W*15	TDNI	21-MAY-98	27-JUN-98	1.25	.831	UGL	66.5
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57W-98-08X	WX570800	ADV1W*17	TDNI	21-MAY-98	27-JUN-98	1.25	.795	UGL	63.6
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57P-98-02X	MX5702XX	ADV1W*20	TDOI	26-MAY-98	27-JUN-98	1.25	.765	UGL	61.2
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57P-98-03X	MX5703XX	ADV1W*22	TDOI	26-MAY-98	27-JUN-98	1.25	.718	UGL	57.4
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57P-98-04X	MX5704XX	ADV1W*24	TDOI	26-MAY-98	27-JUN-98	1.25	.789	UGL	63.1
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	1.25	.875	UGL	70.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	1.25	.874	UGL	69.9
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	1.25	.773	UGL	61.8

TABLE D-7

PESTICIDE/PCB SURROGATE RESULTS
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	Unit	Percent Recovery
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	1.25	.888	UGL	71.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	SBK-98-001	SBK98001	LADV1W*2	TDSI	20-MAY-98	28-MAY-98	1.25	1.05	UGL	84.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57W-98-01X	WX570100	LADV1W*3	TDNI	21-MAY-98	27-JUN-98	1.25	.723	UGL	57.8
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57W-98-02X	WX570200	LADV1W*5	TDNI	21-MAY-98	27-JUN-98	1.25	.187	UGL	15.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57W-98-03X	WX570300	LADV1W*7	TDNI	21-MAY-98	27-JUN-98	1.25	.612	UGL	49.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL	57W-98-04X	WX570400	LADV1W*9	TDNI	21-MAY-98	27-JUN-98	1.25	.783	UGL	62.6
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL				TDOI		27-JUN-98	1.25	1	UGL	80.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL				TDOI		27-JUN-98	1.25	.927	UGL	74.2
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL				TDNI		27-JUN-98	1.25	.849	UGL	67.9
ABB-ES	PESTICIDES/WATER/GCEC	UH13	CL4XYL				TDNI		27-JUN-98	1.25	.838	UGL	67.0
			**********										----------
			avg										62.2
			minimum										15.0
			maximum										84.0

TABLE 8

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
FT. DEVENS AOC 57

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
ABB-ES		9060	TOC	57D-98-07X	DX570700	ADV1S*20	ZEWU	21-MAY-98	12-JUN-98	16900	7400		97000	UGG	129.5	45.5
ABB-ES		9060	TOC	57D-98-07X	DX570700	ADV1S*20	ZEWU	21-MAY-98	12-JUN-98	10200	7100		97000	UGG	205.9	45.5
			**********													
			avg												167.7	
			minimum												129.5	
			maximum												205.9	
ABB-ES		9071	TPHC	57S-98-14X	SX571401	ADV1S*12	ZERU	20-MAY-98	11-JUN-98	1640	1140		895	UGG	101.0	4.7
ABB-ES		9071	TPHC	57S-98-14X	SX571401	ADV1S*12	ZERU	20-MAY-98	11-JUN-98	1640	1090		895	UGG	96.4	4.7
ABB-ES		9071	TPHC	57D-98-04X	DX570400	ADV1S*17	ZEQU	21-MAY-98	12-JUN-98	4830	1040		246	UGG	92.4	.0
ABB-ES		9071	TPHC	57D-98-04X	DX570400	ADV1S*17	ZEQU	21-MAY-98	12-JUN-98	4830	1040		246	UGG	92.4	.0
ABB-ES		9071	TPHC	57S-98-07X	SD570700	ADV1S*27	ZESU	19-MAY-98	16-JUN-98	5680	1100		1830	UGG	97.5	7.2
ABB-ES		9071	TPHC	57S-98-07X	SD570700	ADV1S*27	ZESU	19-MAY-98	16-JUN-98	5680	1020		1830	UGG	90.7	7.2
			**********													
			avg												95.1	
			minimum												90.7	
			maximum												101.0	
ABB-ES	METALS/SOIL/ICP-MS	J301	AS	57S-98-14X	SX571401	ADV1S*12	PLYA	20-MAY-98	30-JUN-98	7.22	5.8		28	UGG	115.8	124.4
ABB-ES	METALS/SOIL/ICP-MS	J301	AS	57S-98-14X	SX571401	ADV1S*12	PLYA	20-MAY-98	30-JUN-98	7.08	1.3		28	UGG	27.0	124.4
ABB-ES	METALS/SOIL/ICP-MS	J301	AS	57S-98-01X	SX570101	LADV1S*1	PLYA	19-MAY-98	30-JUN-98	7.33	3.06		15.3	UGG	62.4	6.0
ABB-ES	METALS/SOIL/ICP-MS	J301	AS	57S-98-01X	SX570101	LADV1S*1	PLYA	19-MAY-98	30-JUN-98	7.4	2.91		15.3	UGG	58.8	6.0
			**********													
			avg												66.0	
			minimum												27.0	
			maximum												115.8	
ABB-ES	METALS/SOIL/ICP	JS16	BA	57S-98-14X	SX571401	ADV1S*12	UBZJ	20-MAY-98	03-JUN-98	83.1	56.9		14.6	UGG	99.5	.6
ABB-ES	METALS/SOIL/ICP	JS16	BA	57S-98-14X	SX571401	ADV1S*12	UBZJ	20-MAY-98	03-JUN-98	82.3	56		14.6	UGG	98.9	.6
ABB-ES	METALS/SOIL/ICP	JS16	BA	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98	289	58.6		60.3	UGG	102.4	2.6
ABB-ES	METALS/SOIL/ICP	JS16	BA	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98	289	57.1		60.3	UGG	99.8	2.6
			**********													
			avg												100.2	
			minimum												98.9	
			maximum												102.4	

TABLE 8

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
FT. DEVENS AOC 57

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
ABB-ES	METALS/SOIL/ICP	JS16	CU	57S-98-14X	SX571401	ADV1S*12	UBZJ	20-MAY-98	03-JUN-98	68.6	47.2		3.46	UGG	100.0	1.3
ABB-ES	METALS/SOIL/ICP	JS16	CU	57S-98-14X	SX571401	ADV1S*12	UBZJ	20-MAY-98	03-JUN-98	69.2	47		3.46	UGG	98.7	1.3
ABB-ES	METALS/SOIL/ICP	JS16	CU	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98	241	47.4		28.3	UGG	99.3	.0
ABB-ES	METALS/SOIL/ICP	JS16	CU	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98	241	47.4		28.3	UGG	99.3	.0
			**********												----------	
			avg												99.3	
			minimum												98.7	
			maximum												100.0	
ABB-ES	METALS/SOIL/ICP	JS16	MN	57S-98-14X	SX571401	ADV1S*12	UBZJ	20-MAY-98	03-JUN-98	68.6	57.3		69.5	UGG	121.4	3.5
ABB-ES	METALS/SOIL/ICP	JS16	MN	57S-98-14X	SX571401	ADV1S*12	UBZJ	20-MAY-98	03-JUN-98	69.2	55.8		69.5	UGG	117.2	3.5
ABB-ES	METALS/SOIL/ICP	JS16	MN	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98	241	46.9		66.3	UGG	98.3	1.9
ABB-ES	METALS/SOIL/ICP	JS16	MN	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98	241	46		66.3	UGG	96.4	1.9
			**********												----------	
			avg												108.3	
			minimum												96.4	
			maximum												121.4	
ABB-ES	METALS/SOIL/ICP	JS16	PB	57S-98-14X	SX571401	ADV1S*12	UBZJ	20-MAY-98	03-JUN-98	206	146	<	10.5	UGG	103.0	1.7
ABB-ES	METALS/SOIL/ICP	JS16	PB	57S-98-14X	SX571401	ADV1S*12	UBZJ	20-MAY-98	03-JUN-98	208	145	<	10.5	UGG	101.3	1.7
ABB-ES	METALS/SOIL/ICP	JS16	PB	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98	722	141		297	UGG	98.6	.7
ABB-ES	METALS/SOIL/ICP	JS16	PB	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98	722	140		297	UGG	97.9	.7
			**********												----------	
			avg												100.2	
			minimum												97.9	
			maximum												103.0	
ABB-ES	METALS/SOIL/ICP	JS16	SB	57S-98-14X	SX571401	ADV1S*12	UBZJ	20-MAY-98	03-JUN-98	206	48.3	<	7.14	UGG	34.1	4.1
ABB-ES	METALS/SOIL/ICP	JS16	SB	57S-98-14X	SX571401	ADV1S*12	UBZJ	20-MAY-98	03-JUN-98	208	46.8	<	7.14	UGG	32.7	4.1
ABB-ES	METALS/SOIL/ICP	JS16	SB	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98	722	79.8	<	7.14	UGG	55.8	4.1
ABB-ES	METALS/SOIL/ICP	JS16	SB	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98	722	76.6	<	7.14	UGG	53.6	4.1
			**********												----------	
			avg												44.0	
			minimum												32.7	
			maximum												55.8	
ABB-ES	METALS/SOIL/ICP	JS16	ZN	57S-98-14X	SX571401	ADV1S*12	UBZJ	20-MAY-98	03-JUN-98	138	91.1		27.5	UGG	96.0	.3
ABB-ES	METALS/SOIL/ICP	JS16	ZN	57S-98-14X	SX571401	ADV1S*12	UBZJ	20-MAY-98	03-JUN-98	137	90.7		27.5	UGG	96.2	.3
ABB-ES	METALS/SOIL/ICP	JS16	ZN	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98	481	93.5		77.4	UGG	98.2	2.5

TABLE 8

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
FT. DEVENS AOC 57

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
ABB-ES	METALS/SOIL/ICP	JS16	ZN	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98	481	91.2		77.4	UGG	95.8	2.5
			**********												----------	
			avg												96.5	
			minimum												95.8	
			maximum												98.2	
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	AENSLF	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.011	<	.00602	UGG	54.9	8.5
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	AENSLF	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.0101	<	.00602	UGG	50.4	8.5
			**********												----------	
			avg												52.7	
			minimum												50.4	
			maximum												54.9	
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ALDRN	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.0096	<	.00729	UGG	48.0	7.8
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ALDRN	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.00888	<	.00729	UGG	44.4	7.8
			**********												----------	
			avg												46.2	
			minimum												44.4	
			maximum												48.0	
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	BENSLF	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.0103	<	.00663	UGG	51.4	18.7
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	BENSLF	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.00854	<	.00663	UGG	42.7	18.7
			**********												----------	
			avg												47.1	
			minimum												42.7	
			maximum												51.4	
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	DLDRN	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.01	<	.00629	UGG	49.9	14.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	DLDRN	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.00861	<	.00629	UGG	43.0	14.9
			**********												----------	
			avg												46.5	
			minimum												43.0	
			maximum												49.9	
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ENDRN	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.0104	<	.00657	UGG	51.9	10.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ENDRN	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.00938	<	.00657	UGG	46.9	10.3
			**********												----------	
			avg												49.4	

TABLE 8

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
FT. DEVENS AOC 57

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
			minimum												46.9	
			maximum												51.9	
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	HPCL	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.0112	<	.00618	UGG	55.9	8.4
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	HPCL	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.0103	<	.00618	UGG	51.4	8.4
			**********												----------	
			avg												53.7	
			minimum												51.4	
			maximum												55.9	
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ISODR	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0436	.0145	<	.00461	UGG	48.3	10.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ISODR	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0436	.013	<	.00461	UGG	43.3	10.9
			**********												----------	
			avg												45.8	
			minimum												43.3	
			maximum												48.3	
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	LIN	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.0158	<	.00638	UGG	78.9	7.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	LIN	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.0146	<	.00638	UGG	72.9	7.9
			**********												----------	
			avg												75.9	
			minimum												72.9	
			maximum												78.9	
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	MEXCLR	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.291	.177	<	.0711	UGG	88.4	21.9
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	MEXCLR	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.291	.142	<	.0711	UGG	70.9	21.9
			**********												----------	
			avg												79.7	
			minimum												70.9	
			maximum												88.4	
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	PPDDT	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.00707		.0248	UGG	35.3	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	PPDDT	57S-98-14X	SX571401	ADV1S*12	UFLG	20-MAY-98	29-JUN-98	.0291	.00707		.0248	UGG	35.3	.0
			**********												----------	
			avg												35.3	
			minimum												35.3	
			maximum												35.3	

TABLE 8

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
FT. DEVENS AOC 57

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB016	57S-98-14X	SX571401	ADV1S*12	NGII	20-MAY-98	04-JUN-98	.385	.263	<	.0666	UGG	99.3	5.1
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB016	57S-98-14X	SX571401	ADV1S*12	NGII	20-MAY-98	04-JUN-98	.385	.25	<	.0666	UGG	94.4	5.1
			**********												----------	
			avg												96.8	
			minimum												94.4	
			maximum												99.3	
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB260	57S-98-14X	SX571401	ADV1S*12	NGII	20-MAY-98	04-JUN-98	.385	.213		.474	UGG	80.4	61.3
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB260	57S-98-14X	SX571401	ADV1S*12	NGII	20-MAY-98	04-JUN-98	.385	.113		.474	UGG	42.7	61.3
			**********												----------	
			avg												61.5	
			minimum												42.7	
			maximum												80.4	
ABB-ES	METALS/WATER/ICP-MS	S303	AS	57M-96-11X	MX5711XX	ADV1W*26	OKPB	27-MAY-98	12-AUG-98	22.2	32.8		84.4	UGL	147.7	70.0
ABB-ES	METALS/WATER/ICP-MS	S303	AS	57M-96-11X	MX5711XX	ADV1W*26	OKPB	27-MAY-98	12-AUG-98	22.2	15.8		84.4	UGL	71.2	70.0
ABB-ES	METALS/WATER/ICP-MS	S303	AS	57M-96-11X	MX5711XX	ADV1W*27	OKNB	27-MAY-98	30-JUN-98	22.2	22.3		133	UGL	100.5	7.4
ABB-ES	METALS/WATER/ICP-MS	S303	AS	57M-96-11X	MX5711XX	ADV1W*27	OKNB	27-MAY-98	30-JUN-98	22.2	20.7		133	UGL	93.2	7.4
			**********												----------	
			avg												103.2	
			minimum												71.2	
			maximum												147.7	
ABB-ES	METALS/WATER/ICP-MS	S303	PB	57M-96-11X	MX5711XX	DV1W*126	OKRB	27-MAY-98	29-OCT-98	22.2	21.1	<	1	UGL	95.0	6.4
ABB-ES	METALS/WATER/ICP-MS	S303	PB	57M-96-11X	MX5711XX	DV1W*126	OKRB	27-MAY-98	29-OCT-98	22.2	19.8	<	1	UGL	89.2	6.4
ABB-ES	METALS/WATER/ICP-MS	S303	PB	57M-96-11X	MX5711XX	DV1W*127	OKSB	27-MAY-98	12-NOV-98	22.2	22.2	<	1	UGL	100.0	2.3
ABB-ES	METALS/WATER/ICP-MS	S303	PB	57M-96-11X	MX5711XX	DV1W*127	OKSB	27-MAY-98	12-NOV-98	22.2	21.7	<	1	UGL	97.7	2.3
			**********												----------	
			avg												95.5	
			minimum												89.2	
			maximum												100.0	
ABB-ES	METALS/WATER/ICP-MS	S303	SB	57M-96-11X	MX5711XX	DV1W*126	OKRB	27-MAY-98	29-OCT-98	22.2	22.5	<	1	UGL	101.4	5.0
ABB-ES	METALS/WATER/ICP-MS	S303	SB	57M-96-11X	MX5711XX	DV1W*126	OKRB	27-MAY-98	29-OCT-98	22.2	21.4	<	1	UGL	96.4	5.0
ABB-ES	METALS/WATER/ICP-MS	S303	SB	57M-96-11X	MX5711XX	DV1W*127	OKSB	27-MAY-98	12-NOV-98	22.2	20.8	<	1	UGL	93.7	.5
ABB-ES	METALS/WATER/ICP-MS	S303	SB	57M-96-11X	MX5711XX	DV1W*127	OKSB	27-MAY-98	12-NOV-98	22.2	20.7	<	1	UGL	93.2	.5
			**********												----------	
			avg												96.2	

TABLE 8

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
FT. DEVENS AOC 57

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
			minimum												93.2	
			maximum												101.4	
ABB-ES	METALS/WATER/ICP-MS	S303	SE	57M-96-11X	MX5711XX	DV1W*126	OKRB	27-MAY-98	29-OCT-98	44.4	44.2	<	2	UGL	99.5	3.9
ABB-ES	METALS/WATER/ICP-MS	S303	SE	57M-96-11X	MX5711XX	DV1W*126	OKRB	27-MAY-98	29-OCT-98	44.4	42.5	<	2	UGL	95.7	3.9
ABB-ES	METALS/WATER/ICP-MS	S303	SE	57M-96-11X	MX5711XX	DV1W*127	OKSB	27-MAY-98	12-NOV-98	44.4	47.1	<	2	UGL	106.1	4.1
ABB-ES	METALS/WATER/ICP-MS	S303	SE	57M-96-11X	MX5711XX	DV1W*127	OKSB	27-MAY-98	12-NOV-98	44.4	45.2	<	2	UGL	101.8	4.1
			**********												----------	
			avg												100.8	
			minimum												95.7	
			maximum												106.1	
ABB-ES	METALS/WATER/ICP	SS18	BA	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	500	498		18	UGL	99.6	.2
ABB-ES	METALS/WATER/ICP	SS18	BA	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	500	497		18	UGL	99.4	.2
ABB-ES	METALS/WATER/ICP	SS18	BA	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	500	496		9.2	UGL	99.2	.8
ABB-ES	METALS/WATER/ICP	SS18	BA	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	500	492		9.2	UGL	98.4	.8
			**********												----------	
			avg												99.2	
			minimum												98.4	
			maximum												99.6	
ABB-ES	METALS/WATER/ICP	SS18	CU	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	500	502	<	5	UGL	100.4	.8
ABB-ES	METALS/WATER/ICP	SS18	CU	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	500	498	<	5	UGL	99.6	.8
ABB-ES	METALS/WATER/ICP	SS18	CU	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	500	497	<	5	UGL	99.4	.6
ABB-ES	METALS/WATER/ICP	SS18	CU	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	500	494	<	5	UGL	98.8	.6
			**********												----------	
			avg												99.6	
			minimum												98.8	
			maximum												100.4	
ABB-ES	METALS/WATER/ICP	SS18	MN	57W-98-07X	WX570700	ADV1W*16	OGJG	21-MAY-98	09-JUN-98	250	250		37.6	UGL	100.0	1.6
ABB-ES	METALS/WATER/ICP	SS18	MN	57W-98-07X	WX570700	ADV1W*16	OGJG	21-MAY-98	09-JUN-98	250	246		37.6	UGL	98.4	1.6
ABB-ES	METALS/WATER/ICP	SS18	MN	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	250	282		2640	UGL	112.8	11.6
ABB-ES	METALS/WATER/ICP	SS18	MN	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	250	251		2640	UGL	100.4	11.6
ABB-ES	METALS/WATER/ICP	SS18	MN	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	250	234		2660	UGL	93.6	2.6
ABB-ES	METALS/WATER/ICP	SS18	MN	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	250	228		2660	UGL	91.2	2.6
			**********												----------	
			avg												99.4	

TABLE 8

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
FT. DEVENS AOC 57

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
			minimum												91.2	
			maximum												112.8	
ABB-ES	METALS/WATER/ICP	SS18	PB	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	1000	1020	<	50	UGL	102.0	2.0
ABB-ES	METALS/WATER/ICP	SS18	PB	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	1000	1000	<	50	UGL	100.0	2.0
ABB-ES	METALS/WATER/ICP	SS18	PB	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	1000	1010	<	50	UGL	101.0	.0
ABB-ES	METALS/WATER/ICP	SS18	PB	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	1000	1010	<	50	UGL	101.0	.0
			**********												----------	
			avg												101.0	
			minimum												100.0	
			maximum												102.0	
ABB-ES	METALS/WATER/ICP	SS18	SB	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	1000	1050	<	50	UGL	105.0	3.9
ABB-ES	METALS/WATER/ICP	SS18	SB	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	1000	1010	<	50	UGL	101.0	3.9
ABB-ES	METALS/WATER/ICP	SS18	SB	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	1000	1030	<	50	UGL	103.0	2.0
ABB-ES	METALS/WATER/ICP	SS18	SB	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	1000	1010	<	50	UGL	101.0	2.0
			**********												----------	
			avg												102.5	
			minimum												101.0	
			maximum												105.0	
ABB-ES	METALS/WATER/ICP	SS18	SE	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	1000	991	<	50	UGL	99.1	.5
ABB-ES	METALS/WATER/ICP	SS18	SE	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	1000	986	<	50	UGL	98.6	.5
ABB-ES	METALS/WATER/ICP	SS18	SE	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	1000	998	<	50	UGL	99.8	.3
ABB-ES	METALS/WATER/ICP	SS18	SE	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	1000	995	<	50	UGL	99.5	.3
			**********												----------	
			avg												99.3	
			minimum												98.6	
			maximum												99.8	
ABB-ES	METALS/WATER/ICP	SS18	ZN	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	1000	986	<	35.8	UGL	98.6	.1
ABB-ES	METALS/WATER/ICP	SS18	ZN	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	1000	985	<	35.8	UGL	98.5	.1
ABB-ES	METALS/WATER/ICP	SS18	ZN	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	1000	976	<	35.8	UGL	97.6	.0
ABB-ES	METALS/WATER/ICP	SS18	ZN	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	1000	976	<	35.8	UGL	97.6	.0
			**********												----------	
			avg												98.1	
			minimum												97.6	
			maximum												98.6	

TABLE 8

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
FT. DEVENS AOC 57

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB016	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	3.75	3.73	<	.16	UGL	99.5	24.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB016	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	3.75	2.93	<	.16	UGL	78.1	24.0
			**********												----------	
			avg												88.8	
			minimum												78.1	
			maximum												99.5	
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB260	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	3.75	3.83	<	.19	UGL	102.1	7.3
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB260	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	3.75	3.56	<	.19	UGL	94.9	7.3
			**********												----------	
			avg												98.5	
			minimum												94.9	
			maximum												102.1	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	AENSLF	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.368	<	.023	UGL	73.6	17.1
ABB-ES	PESTICIDES/WATER/GCEC	UH13	AENSLF	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.31	<	.023	UGL	62.0	17.1
			**********												----------	
			avg												67.8	
			minimum												62.0	
			maximum												73.6	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ALDRN	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.299	<	.0918	UGL	59.8	24.4
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ALDRN	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.234	<	.0918	UGL	46.8	24.4
			**********												----------	
			avg												53.3	
			minimum												46.8	
			maximum												59.8	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	BENSLF	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.339	<	.023	UGL	67.8	30.6
ABB-ES	PESTICIDES/WATER/GCEC	UH13	BENSLF	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.249	<	.023	UGL	49.8	30.6
			**********												----------	
			avg												58.8	
			minimum												49.8	
			maximum												67.8	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	DLDRN	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.329	<	.024	UGL	65.8	26.5
ABB-ES	PESTICIDES/WATER/GCEC	UH13	DLDRN	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.252	<	.024	UGL	50.4	26.5

TABLE 8

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
FT. DEVENS AOC 57

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
			**********													
			avg												58.1	
			minimum												50.4	
			maximum												65.8	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRN	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.371	<	.0238	UGL	74.2	28.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRN	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.28	<	.0238	UGL	56.0	28.0
			**********													
			avg												65.1	
			minimum												56.0	
			maximum												74.2	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	HPCL	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.327	<	.0423	UGL	65.4	22.8
ABB-ES	PESTICIDES/WATER/GCEC	UH13	HPCL	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.26	<	.0423	UGL	52.0	22.8
			**********													
			avg												58.7	
			minimum												52.0	
			maximum												65.4	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ISODR	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	1	.66	<	.0562	UGL	66.0	23.4
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ISODR	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	1	.522	<	.0562	UGL	52.2	23.4
			**********													
			avg												59.1	
			minimum												52.2	
			maximum												66.0	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	LIN	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.294	<	.0507	UGL	58.8	19.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	LIN	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.243	<	.0507	UGL	48.6	19.0
			**********													
			avg												53.7	
			minimum												48.6	
			maximum												58.8	
ABB-ES	PESTICIDES/WATER/GCEC	UH13	MEXCLR	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	1	.844	<	.057	UGL	84.4	43.9
ABB-ES	PESTICIDES/WATER/GCEC	UH13	MEXCLR	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	1	.54	<	.057	UGL	54.0	43.9
			**********													
			avg												69.2	
			minimum												54.0	
			maximum												84.4	

TABLE 8

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
FT. DEVENS AOC 57

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDT	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.347	<	.034	UGL	69.4	41.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDT	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	.5	.229	<	.034	UGL	45.8	41.0
			**********												----------	
			avg												57.6	
			minimum												45.8	
			maximum												69.4	
ABB-ES	ORGANICS/WATER/GCMS	UM18	124TCB	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	32	<	1.8	UGL	64.0	13.3
ABB-ES	ORGANICS/WATER/GCMS	UM18	124TCB	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	28	<	1.8	UGL	56.0	13.3
			**********												----------	
			avg												60.0	
			minimum												56.0	
			maximum												64.0	
ABB-ES	ORGANICS/WATER/GCMS	UM18	14DCLB	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	28		2.7	UGL	56.0	15.4
ABB-ES	ORGANICS/WATER/GCMS	UM18	14DCLB	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	24		2.7	UGL	48.0	15.4
			**********												----------	
			avg												52.0	
			minimum												48.0	
			maximum												56.0	
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DNT	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	37	<	4.5	UGL	74.0	8.5
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DNT	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	34	<	4.5	UGL	68.0	8.5
			**********												----------	
			avg												71.0	
			minimum												68.0	
			maximum												74.0	
ABB-ES	ORGANICS/WATER/GCMS	UM18	2CLP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	1.4	<	.99	UGL	1.4	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2CLP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	1.4	<	.99	UGL	1.4	.0
			**********												----------	
			avg												1.4	
			minimum												1.4	
			maximum												1.4	
ABB-ES	ORGANICS/WATER/GCMS	UM18	4CL3C	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	4	<	4	UGL	4.0	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4CL3C	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	4	<	4	UGL	4.0	.0

TABLE 8

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
FT. DEVENS AOC 57

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
			**********													
			avg												4.0	
			minimum												4.0	
			maximum												4.0	
ABB-ES	ORGANICS/WATER/GCMS	UM18	4NP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	12	<	12	UGL	12.0	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4NP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	12	<	12	UGL	12.0	.0
			**********													
			avg												12.0	
			minimum												12.0	
			maximum												12.0	
ABB-ES	ORGANICS/WATER/GCMS	UM18	ANAPNE	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	37	<	1.7	UGL	74.0	11.4
ABB-ES	ORGANICS/WATER/GCMS	UM18	ANAPNE	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	33	<	1.7	UGL	66.0	11.4
			**********													
			avg												70.0	
			minimum												66.0	
			maximum												74.0	
ABB-ES	ORGANICS/WATER/GCMS	UM18	NNDNPA	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	39	<	4.4	UGL	78.0	10.8
ABB-ES	ORGANICS/WATER/GCMS	UM18	NNDNPA	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	35	<	4.4	UGL	70.0	10.8
			**********													
			avg												74.0	
			minimum												70.0	
			maximum												78.0	
ABB-ES	ORGANICS/WATER/GCMS	UM18	PCP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	60	<	18	UGL	60.0	6.9
ABB-ES	ORGANICS/WATER/GCMS	UM18	PCP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	56	<	18	UGL	56.0	6.9
			**********													
			avg												58.0	
			minimum												56.0	
			maximum												60.0	
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHENOL	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	9.2	<	9.2	UGL	9.2	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHENOL	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	100	9.2	<	9.2	UGL	9.2	.0
			**********													
			avg												9.2	
			minimum												9.2	
			maximum												9.2	

TABLE 8

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
FT. DEVENS AOC 57

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
ABB-ES	ORGANICS/WATER/GCMS	UM18	PYR	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	39	<	2.8	UGL	78.0	5.3
ABB-ES	ORGANICS/WATER/GCMS	UM18	PYR	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	50	37	<	2.8	UGL	74.0	5.3
			**********												----------	
			avg												76.0	
			minimum												74.0	
			maximum												78.0	
ABB-ES	VOLATILES/WATER/GCMS	UM20	11DCE	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	45	<	.5	UGL	90.0	2.2
ABB-ES	VOLATILES/WATER/GCMS	UM20	11DCE	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	44	<	.5	UGL	88.0	2.2
			**********												----------	
			avg												89.0	
			minimum												88.0	
			maximum												90.0	
ABB-ES	VOLATILES/WATER/GCMS	UM20	C6H6	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	49	<	.5	UGL	98.0	4.2
ABB-ES	VOLATILES/WATER/GCMS	UM20	C6H6	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	47	<	.5	UGL	94.0	4.2
			**********												----------	
			avg												96.0	
			minimum												94.0	
			maximum												98.0	
ABB-ES	VOLATILES/WATER/GCMS	UM20	CLC6H5	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	50	<	.5	UGL	100.0	2.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CLC6H5	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	49	<	.5	UGL	98.0	2.0
			**********												----------	
			avg												99.0	
			minimum												98.0	
			maximum												100.0	
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6H5	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	47	<	.5	UGL	94.0	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6H5	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	47	<	.5	UGL	94.0	.0
			**********												----------	
			avg												94.0	
			minimum												94.0	
			maximum												94.0	
ABB-ES	VOLATILES/WATER/GCMS	UM20	TRCLE	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	51		3.7	UGL	102.0	6.1
ABB-ES	VOLATILES/WATER/GCMS	UM20	TRCLE	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	50	48		3.7	UGL	96.0	6.1

TABLE 8

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
FT. DEVENS AOC 57

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value	<	Original Sample Value	Unit	Percent Recovery	RPD
			**********													
			avg												99.0	
			minimum												96.0	
			maximum												102.0	

TABLE D-9

FIELD DUPLICATE RESULTS FILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	METALS/WATER/ICP-MS	S303	AS	57M-96-11X	MD5711XX	ADV1W*29	OKNB	27-MAY-98	30-JUN-98		138	UGL	3.7
ABB-ES	METALS/WATER/ICP-MS	S303	AS	57M-96-11X	MX5711XX	ADV1W*27	OKNB	27-MAY-98	30-JUN-98		133	UGL	3.7
ABB-ES	METALS/WATER/ICP	SS18	BA	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98		9.2	UGL	4.4
ABB-ES	METALS/WATER/ICP	SS18	BA	57M-96-11X	MD5711XX	ADV1W*29	OGHG	27-MAY-98	03-JUN-98		8.8	UGL	4.4
ABB-ES	METALS/WATER/ICP	SS18	CU	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	<	5	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	CU	57M-96-11X	MD5711XX	ADV1W*29	OGHG	27-MAY-98	03-JUN-98	<	5	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	MN	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98		2660	UGL	11.1
ABB-ES	METALS/WATER/ICP	SS18	MN	57M-96-11X	MD5711XX	ADV1W*29	OGHG	27-MAY-98	03-JUN-98		2380	UGL	11.1
ABB-ES	METALS/WATER/ICP	SS18	PB	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	<	50	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	PB	57M-96-11X	MD5711XX	ADV1W*29	OGHG	27-MAY-98	03-JUN-98	<	50	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	SB	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	<	50	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	SB	57M-96-11X	MD5711XX	ADV1W*29	OGHG	27-MAY-98	03-JUN-98	<	50	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	SE	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	<	50	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	SE	57M-96-11X	MD5711XX	ADV1W*29	OGHG	27-MAY-98	03-JUN-98	<	50	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	ZN	57M-96-11X	MX5711XX	ADV1W*27	OGHG	27-MAY-98	03-JUN-98	<	35.8	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	ZN	57M-96-11X	MD5711XX	ADV1W*29	OGHG	27-MAY-98	03-JUN-98	<	35.8	UGL	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES		1602	TSS	57M-96-11X	MX5711XX	ADV1W*26	YLNE	27-MAY-98	02-JUN-98		2120000	UGL	191.4
ABB-ES		1602	TSS	57M-96-11X	MD5711XX	ADV1W*28	YLNE	27-MAY-98	02-JUN-98		46700	UGL	191.4
ABB-ES		9071	TPHC	57S-98-07X	SX570700	LADV1S*7	ZERU	19-MAY-98	11-JUN-98		6170	UGG	108.5
ABB-ES		9071	TPHC	57S-98-07X	SD570700	ADV1S*27	ZESU	19-MAY-98	16-JUN-98		1830	UGG	108.5
ABB-ES	METALS/SOIL/ICP-MS	J301	AS	57S-98-07X	SX570700	LADV1S*7	PLYA	19-MAY-98	30-JUN-98		61.2	UGG	44.8
ABB-ES	METALS/SOIL/ICP-MS	J301	AS	57S-98-07X	SD570700	ADV1S*27	PLYA	19-MAY-98	30-JUN-98		38.8	UGG	44.8
ABB-ES	METALS/SOIL/ICP-MS	J301	SE	57S-98-07X	SX570700	LADV1S*7	PLYA	19-MAY-98	30-JUN-98		4.42	UGG	49.7
ABB-ES	METALS/SOIL/ICP-MS	J301	SE	57S-98-07X	SD570700	ADV1S*27	PLYA	19-MAY-98	30-JUN-98		2.66	UGG	49.7
ABB-ES	METALS/SOIL/ICP	JS16	BA	57S-98-07X	SX570700	LADV1S*7	UBZJ	19-MAY-98	03-JUN-98		66.8	UGG	10.2
ABB-ES	METALS/SOIL/ICP	JS16	BA	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98		60.3	UGG	10.2
ABB-ES	METALS/SOIL/ICP	JS16	CU	57S-98-07X	SX570700	LADV1S*7	UBZJ	19-MAY-98	03-JUN-98		30.3	UGG	6.8
ABB-ES	METALS/SOIL/ICP	JS16	CU	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98		28.3	UGG	6.8
ABB-ES	METALS/SOIL/ICP	JS16	MN	57S-98-07X	SX570700	LADV1S*7	UBZJ	19-MAY-98	03-JUN-98		81.8	UGG	20.9
ABB-ES	METALS/SOIL/ICP	JS16	MN	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98		66.3	UGG	20.9
ABB-ES	METALS/SOIL/ICP	JS16	PB	57S-98-07X	SX570700	LADV1S*7	UBZJ	19-MAY-98	03-JUN-98		320	UGG	7.5
ABB-ES	METALS/SOIL/ICP	JS16	PB	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98		297	UGG	7.5
ABB-ES	METALS/SOIL/ICP	JS16	SB	57S-98-07X	SX570700	LADV1S*7	UBZJ	19-MAY-98	03-JUN-98	<	7.14	UGG	.0
ABB-ES	METALS/SOIL/ICP	JS16	SB	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98	<	7.14	UGG	.0
ABB-ES	METALS/SOIL/ICP	JS16	SE	57S-98-07X	SX570700	LADV1S*7	UBZJ	19-MAY-98	03-JUN-98		27.9	UGG	16.7
ABB-ES	METALS/SOIL/ICP	JS16	SE	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98		23.6	UGG	16.7
ABB-ES	METALS/SOIL/ICP	JS16	ZN	57S-98-07X	SX570700	LADV1S*7	UBZJ	19-MAY-98	03-JUN-98		84.6	UGG	8.9
ABB-ES	METALS/SOIL/ICP	JS16	ZN	57S-98-07X	SD570700	ADV1S*27	UBZJ	19-MAY-98	03-JUN-98		77.4	UGG	8.9

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ABHC	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00907	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ABHC	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00907	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ACLDAN	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00133	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ACLDAN	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00133	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	AENSLF	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00602	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	AENSLF	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00602	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ALDRN	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00729	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ALDRN	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00729	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	BBHC	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00257	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	BBHC	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00257	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	BENSLF	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00663	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	BENSLF	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00663	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	DBHC	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00555	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	DBHC	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00555	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	DLDRN	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00629	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	DLDRN	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00629	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ENDRN	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00657	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ENDRN	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00657	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ENDRNA	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.024	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ENDRNA	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.024	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ENDRNK	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.024	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ENDRNK	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.024	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ESFSO4	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00763	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ESFSO4	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00763	UGG	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	GCLDAN	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00133	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	GCLDAN	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00133	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	HPCL	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00618	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	HPCL	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00618	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	HPCLE	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.0062	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	HPCLE	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.0062	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ISODR	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00461	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	ISODR	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00461	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	LIN	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00638	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	LIN	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00638	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	MEXCLR	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.0711	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	MEXCLR	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.0711	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	PPDDD	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00826	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	PPDDD	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00826	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	PPDDE	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.00765	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	PPDDE	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.00765	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	PPDDT	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98		.0713	UGG	13.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	PPDDT	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98		.0625	UGG	13.2
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	TXPHEN	57S-98-07X	SD570700	ADV1S*27	UFLG	19-MAY-98	29-JUN-98	<	.444	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH10	TXPHEN	57S-98-07X	SX570700	LADV1S*7	UFLG	19-MAY-98	29-JUN-98	<	.444	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB016	57S-98-07X	SX570700	LADV1S*7	NGII	19-MAY-98	04-JUN-98	<	.0666	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB016	57S-98-07X	SD570700	ADV1S*27	NGII	19-MAY-98	04-JUN-98	<	.0666	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB221	57S-98-07X	SD570700	ADV1S*27	NGII	19-MAY-98	04-JUN-98	<	.082	UGG	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB221	57S-98-07X	SX570700	LADV1S*7	NGII	19-MAY-98	04-JUN-98	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB232	57S-98-07X	SD570700	ADV1S*27	NGII	19-MAY-98	04-JUN-98	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB232	57S-98-07X	SX570700	LADV1S*7	NGII	19-MAY-98	04-JUN-98	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB242	57S-98-07X	SD570700	ADV1S*27	NGII	19-MAY-98	04-JUN-98	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB242	57S-98-07X	SX570700	LADV1S*7	NGII	19-MAY-98	04-JUN-98	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB248	57S-98-07X	SD570700	ADV1S*27	NGII	19-MAY-98	04-JUN-98	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB248	57S-98-07X	SX570700	LADV1S*7	NGII	19-MAY-98	04-JUN-98	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB254	57S-98-07X	SD570700	ADV1S*27	NGII	19-MAY-98	04-JUN-98	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB254	57S-98-07X	SX570700	LADV1S*7	NGII	19-MAY-98	04-JUN-98	<	.082	UGG	.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB260	57S-98-07X	SD570700	ADV1S*27	NGII	19-MAY-98	04-JUN-98		.581	UGG	22.0
ABB-ES	PESTICIDES/SOIL/GCEC	LH16	PCB260	57S-98-07X	SX570700	LADV1S*7	NGII	19-MAY-98	04-JUN-98		.466	UGG	22.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	124TCB	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	124TCB	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.04	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	12DCLB	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.6	UGG	138.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	12DCLB	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.11	UGG	138.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	13DCLB	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.6	UGG	128.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	13DCLB	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.13	UGG	128.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	14DCLB	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.5	UGG	134.4
ABB-ES	ORGANICS/SOIL/GCMS	LM18	14DCLB	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.098	UGG	134.4
ABB-ES	ORGANICS/SOIL/GCMS	LM18	245TCP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.5	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	245TCP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.1	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TCP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.8	UGG	129.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	246TCP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.17	UGG	129.9

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DCLP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.9	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DCLP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.18	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DMPN	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	3	UGG	125.2
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DMPN	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.69	UGG	125.2
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DNP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	6	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DNP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	1.2	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DNT	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.7	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	24DNT	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.14	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	26DNT	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.4	UGG	129.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	26DNT	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.085	UGG	129.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2CLP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.3	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2CLP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.06	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2CNAP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	139.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2CNAP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.036	UGG	139.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2MNAP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	121.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2MNAP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.049	UGG	121.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2MP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.1	UGG	110.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2MP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.029	UGG	110.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2NANIL	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.3	UGG	131.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2NANIL	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.062	UGG	131.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2NP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.7	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	2NP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.14	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	33DCBD	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	30	UGG	130.6

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/SOIL/GCMS	LM18	33DCBD	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	6.3	UGG	130.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	3NANIL	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	2	UGG	126.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	3NANIL	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.45	UGG	126.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	46DN2C	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	3	UGG	138.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	46DN2C	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.55	UGG	138.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4BRPPE	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4BRPPE	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.033	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4CANIL	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	4	UGG	132.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4CANIL	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.81	UGG	132.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4CL3C	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.5	UGG	136.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4CL3C	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.095	UGG	136.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4CLPPE	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4CLPPE	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.033	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4MP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	1	UGG	122.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4MP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.24	UGG	122.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4NANIL	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	2	UGG	132.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4NANIL	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.41	UGG	132.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4NP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	7	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	4NP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	1.4	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ALPHPN	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98		10	UGG	163.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ALPHPN	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98		1	UGG	163.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ANAPNE	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	139.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ANAPNE	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.036	UGG	139.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ANAPYL	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ANAPYL	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.033	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ANTRC	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ANTRC	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.033	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2CEXM	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.3	UGG	134.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2CEXM	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.059	UGG	134.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2CIPE	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	1	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2CIPE	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.2	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2CLEE	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2CLEE	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.033	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2EHP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	3	UGG	131.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	B2EHP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.62	UGG	131.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BAANTR	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.8	UGG	129.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BAANTR	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.17	UGG	129.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BAPYR	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	1	UGG	120.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BAPYR	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.25	UGG	120.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BBFANT	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	1	UGG	130.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BBFANT	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.21	UGG	130.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BBZP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.8	UGG	129.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BBZP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.17	UGG	129.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BGHIPY	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	1	UGG	120.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BGHIPY	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.25	UGG	120.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BKFANT	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.3	UGG	127.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BKFANT	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.066	UGG	127.9

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BZALC	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	1	UGG	136.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	BZALC	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.19	UGG	136.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CARBAZ	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.7	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CARBAZ	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.14	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CHRY	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.6	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CHRY	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.12	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CL6BZ	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CL6BZ	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.033	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CL6CP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	30	UGG	131.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CL6CP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	6.2	UGG	131.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CL6ET	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.8	UGG	136.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	CL6ET	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.15	UGG	136.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DBAHA	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	1	UGG	130.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DBAHA	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.21	UGG	130.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DBZFUR	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	140.4
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DBZFUR	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.035	UGG	140.4
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DEP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	1	UGG	122.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DEP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.24	UGG	122.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DMP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.8	UGG	129.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DMP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.17	UGG	129.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DNBP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.3	UGG	132.4
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DNBP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.061	UGG	132.4
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DNOP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	1	UGG	136.1

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/SOIL/GCMS	LM18	DNOP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.19	UGG	136.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	FANT	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.3	UGG	126.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	FANT	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.068	UGG	126.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	FLRENE	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	FLRENE	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.033	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	HCBD	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	1	UGG	125.2
ABB-ES	ORGANICS/SOIL/GCMS	LM18	HCBD	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.23	UGG	125.2
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ICDPYR	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	1	UGG	110.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ICDPYR	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.29	UGG	110.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ISOPHR	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	ISOPHR	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.033	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NAP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	137.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NAP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.037	UGG	137.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NB	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	126.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NB	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.045	UGG	126.5
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NNDNPA	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	1	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NNDNPA	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.2	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NNDPA	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	1	UGG	136.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	NNDPA	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.19	UGG	136.1
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PCP	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	6	UGG	128.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PCP	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	1.3	UGG	128.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHANTR	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHANTR	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.033	UGG	143.3

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHENOL	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.6	UGG	138.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PHENOL	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.11	UGG	138.0
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PYR	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98	<	.2	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	PYR	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98	<	.033	UGG	143.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	UNK651	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98		20	UGG	147.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	UNK651	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98		3	UGG	147.8
ABB-ES	ORGANICS/SOIL/GCMS	LM18	UNK653	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98		40	UGG	155.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	UNK653	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98		5	UGG	155.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	UNK659	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98		30	UGG	142.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	UNK659	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98		5	UGG	142.9
ABB-ES	ORGANICS/SOIL/GCMS	LM18	UNK662	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98		20	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	UNK662	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98		4	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	UNK663	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98		20	UGG	163.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	UNK663	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98		2	UGG	163.6
ABB-ES	ORGANICS/SOIL/GCMS	LM18	UNK669	57S-98-07X	SX570700	LADV1S*7	OEXL	19-MAY-98	28-MAY-98		20	UGG	133.3
ABB-ES	ORGANICS/SOIL/GCMS	LM18	UNK669	57S-98-07X	SD570700	ADV1S*27	OEXL	19-MAY-98	29-MAY-98		4	UGG	133.3
ABB-ES	VOLATILES/SOIL/GCMS	LM19	111TCE	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0044	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	111TCE	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0044	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	112TCE	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0054	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	112TCE	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0054	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	11DCE	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0039	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	11DCE	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0039	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	11DCLE	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0023	UGG	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	VOLATILES/SOIL/GCMS	LM19	11DCLE	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0023	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCE	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.003	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCE	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.003	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCLE	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0017	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCLE	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0017	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCLP	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0029	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	12DCLP	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0029	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	ACET	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98		.33	UGG	180.4
ABB-ES	VOLATILES/SOIL/GCMS	LM19	ACET	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.017	UGG	180.4
ABB-ES	VOLATILES/SOIL/GCMS	LM19	BRDCLM	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0029	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	BRDCLM	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0029	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C13DCP	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0032	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C13DCP	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0032	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C2AVE	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.032	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C2AVE	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.032	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C2H3CL	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0062	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C2H3CL	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0062	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C2H5CL	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.012	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C2H5CL	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.012	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C6H6	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0015	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	C6H6	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0015	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CCL3F	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0059	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CCL3F	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0059	UGG	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CCL4	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.007	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CCL4	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.007	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CH2CL2	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.012	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CH2CL2	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.012	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CH3BR	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0057	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CH3BR	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0057	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CH3CL	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0088	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CH3CL	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0088	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CHBR3	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0069	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CHBR3	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0069	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CHCL3	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.00087	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CHCL3	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.00087	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CLC6H5	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.00086	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CLC6H5	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.00086	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CS2	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0044	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	CS2	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0044	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	DBRCLM	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0031	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	DBRCLM	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0031	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	ETC6H5	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0017	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	ETC6H5	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0017	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6H5	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.00078	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEC6H5	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.00078	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEK	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.07	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MEK	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.07	UGG	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MIBK	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.027	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MIBK	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.027	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MNBK	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.032	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	MNBK	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.032	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	STYR	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0026	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	STYR	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0026	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	T13DCP	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0028	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	T13DCP	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0028	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	TCLEA	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0024	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	TCLEA	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0024	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	TCLEE	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.00081	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	TCLEE	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.00081	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	TRCLE	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0028	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	TRCLE	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0028	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	XYLEN	57S-98-07X	SD570700	ADV1S*27	YGOL	19-MAY-98	29-MAY-98	<	.0015	UGG	.0
ABB-ES	VOLATILES/SOIL/GCMS	LM19	XYLEN	57S-98-07X	SX570700	LADV1S*7	YGOL	19-MAY-98	28-MAY-98	<	.0015	UGG	.0
ABB-ES	METALS/WATER/ICP-MS	S303	AS	57M-96-11X	MX5711XX	ADV1W*26	OKPB	27-MAY-98	12-AUG-98		84.4	UGL	1.0
ABB-ES	METALS/WATER/ICP-MS	S303	AS	57M-96-11X	MD5711XX	ADV1W*28	OKPB	27-MAY-98	12-AUG-98		83.6	UGL	1.0
ABB-ES	METALS/WATER/ICP	SS18	BA	57M-96-11X	MD5711XX	ADV1W*28	OGHG	27-MAY-98	03-JUN-98		41.8	UGL	79.6
ABB-ES	METALS/WATER/ICP	SS18	BA	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98		18	UGL	79.6
ABB-ES	METALS/WATER/ICP	SS18	CU	57M-96-11X	MD5711XX	ADV1W*28	OGHG	27-MAY-98	03-JUN-98		8.54	UGL	52.3
ABB-ES	METALS/WATER/ICP	SS18	CU	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	<	5	UGL	52.3

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	METALS/WATER/ICP	SS18	MN	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98		2640	UGL	7.1
ABB-ES	METALS/WATER/ICP	SS18	MN	57M-96-11X	MD5711XX	ADV1W*28	OGHG	27-MAY-98	03-JUN-98		2460	UGL	7.1
ABB-ES	METALS/WATER/ICP	SS18	PB	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	<	50	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	PB	57M-96-11X	MD5711XX	ADV1W*28	OGHG	27-MAY-98	03-JUN-98	<	50	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	SB	57M-96-11X	MD5711XX	ADV1W*28	OGHG	27-MAY-98	03-JUN-98	<	50	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	SB	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	<	50	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	SE	57M-96-11X	MD5711XX	ADV1W*28	OGHG	27-MAY-98	03-JUN-98	<	50	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	SE	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	<	50	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	ZN	57M-96-11X	MD5711XX	ADV1W*28	OGHG	27-MAY-98	03-JUN-98	<	35.8	UGL	.0
ABB-ES	METALS/WATER/ICP	SS18	ZN	57M-96-11X	MX5711XX	ADV1W*26	OGHG	27-MAY-98	03-JUN-98	<	35.8	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB016	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	<	.16	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB016	57M-96-11X	MD5711XX	ADV1W*28	SDWG	27-MAY-98	24-JUN-98	<	.16	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB221	57M-96-11X	MD5711XX	ADV1W*28	SDWG	27-MAY-98	24-JUN-98	<	.16	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB221	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	<	.16	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB232	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	<	.16	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB232	57M-96-11X	MD5711XX	ADV1W*28	SDWG	27-MAY-98	24-JUN-98	<	.16	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB242	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	<	.19	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB242	57M-96-11X	MD5711XX	ADV1W*28	SDWG	27-MAY-98	24-JUN-98	<	.19	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB248	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	<	.19	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB248	57M-96-11X	MD5711XX	ADV1W*28	SDWG	27-MAY-98	24-JUN-98	<	.19	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB254	57M-96-11X	MD5711XX	ADV1W*28	SDWG	27-MAY-98	24-JUN-98	<	.19	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB254	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	<	.19	UGL	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB260	57M-96-11X	MD5711XX	ADV1W*28	SDWG	27-MAY-98	24-JUN-98	<	.19	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH02	PCB260	57M-96-11X	MX5711XX	ADV1W*26	SDWG	27-MAY-98	24-JUN-98	<	.19	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ABHC	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.0385	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ABHC	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.0385	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ACLDAN	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.075	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ACLDAN	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.075	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	AENSLF	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.023	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	AENSLF	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.023	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ALDRN	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.0918	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ALDRN	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.0918	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	BBHC	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.024	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	BBHC	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.024	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	BENSLF	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.023	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	BENSLF	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.023	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	DBHC	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.0293	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	DBHC	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.0293	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	DLDRN	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.024	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	DLDRN	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.024	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRN	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.0238	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRN	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.0238	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRNA	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.0285	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRNA	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.0285	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRNK	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.0285	UGL	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ENDRNK	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.0285	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ESFSO4	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.0786	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ESFSO4	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.0786	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	GCLDAN	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.075	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	GCLDAN	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.075	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	HPCL	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.0423	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	HPCL	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.0423	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	HPCLE	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.0245	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	HPCLE	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.0245	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ISODR	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.0562	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	ISODR	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.0562	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	LIN	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.0507	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	LIN	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.0507	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	MEXCLR	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.057	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	MEXCLR	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.057	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDD	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.0233	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDD	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.0233	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDE	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.027	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDE	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.027	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDT	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	.034	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	PPDDT	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	.034	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	TXPHEN	57M-96-11X	MD5711XX	ADV1W*28	TDOI	27-MAY-98	28-JUN-98	<	1.35	UGL	.0
ABB-ES	PESTICIDES/WATER/GCEC	UH13	TXPHEN	57M-96-11X	MX5711XX	ADV1W*26	TDOI	27-MAY-98	27-JUN-98	<	1.35	UGL	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/WATER/GCMS	UM18	124TCB	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	1.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	124TCB	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	1.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	12DCLB	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98		6.4	UGL	48.5
ABB-ES	ORGANICS/WATER/GCMS	UM18	12DCLB	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98		3.9	UGL	48.5
ABB-ES	ORGANICS/WATER/GCMS	UM18	13DCLB	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	13DCLB	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	14DCLB	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98		2.7	UGL	45.5
ABB-ES	ORGANICS/WATER/GCMS	UM18	14DCLB	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	1.7	UGL	45.5
ABB-ES	ORGANICS/WATER/GCMS	UM18	245TCP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	5.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	245TCP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	5.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TCP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	4.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	246TCP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	4.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DCLP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	2.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DCLP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	2.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DMPN	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	5.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DMPN	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	5.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DNP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	21	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DNP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	21	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DNT	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	4.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	24DNT	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	4.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	26DNT	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	.79	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	26DNT	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	.79	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2CLP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	.99	UGL	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/WATER/GCMS	UM18	2CLP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	.99	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2CNAP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2CNAP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2MNAP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2MNAP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2MP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	3.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2MP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	3.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2NANIL	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	4.3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2NANIL	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	4.3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2NP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	3.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	2NP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	3.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	33DCBD	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	12	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	33DCBD	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	12	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	3NANIL	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	4.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	3NANIL	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	4.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	46DN2C	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	17	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	46DN2C	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	17	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4BRPPE	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	4.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4BRPPE	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	4.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4CANIL	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	7.3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4CANIL	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	7.3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4CL3C	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4CL3C	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	4	UGL	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/WATER/GCMS	UM18	4CLPPE	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	5.1	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4CLPPE	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	5.1	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4MP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	.52	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4MP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	.52	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4NANIL	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	5.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4NANIL	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	5.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4NP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	12	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	4NP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	12	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ANAPNE	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ANAPNE	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ANAPYL	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ANAPYL	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ANTRC	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ANTRC	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2CEXM	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	1.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2CEXM	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	1.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2CIPE	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	5.3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2CIPE	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	5.3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2CLEE	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	1.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2CLEE	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	1.9	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2EHP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	4.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	B2EHP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	4.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BAANTR	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	1.6	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BAANTR	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	1.6	UGL	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/WATER/GCMS	UM18	BAPYR	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	4.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BAPYR	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	4.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BBFANT	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	5.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BBFANT	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	5.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BBZP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	3.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BBZP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	3.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BENZOA	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	13	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BENZOA	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	13	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BGHIPY	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	6.1	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BGHIPY	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	6.1	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BKFANT	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	.87	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BKFANT	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	.87	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BZALC	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	.72	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	BZALC	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	.72	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CARBAZ	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CARBAZ	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CHRY	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	2.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CHRY	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	2.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CL6BZ	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	1.6	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CL6BZ	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	1.6	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CL6CP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	8.6	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CL6CP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	8.6	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	CL6ET	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	1.5	UGL	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/WATER/GCMS	UM18	CL6ET	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	1.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DBAHA	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	6.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DBAHA	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	6.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DBZFUR	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DBZFUR	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	1.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DEP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DEP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DMP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	1.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DMP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	1.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DNBP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	3.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DNBP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	3.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DNOP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	15	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	DNOP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	15	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	FANT	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	3.3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	FANT	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	3.3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	FLRENE	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	3.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	FLRENE	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	3.7	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	HCBD	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	3.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	HCBD	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	3.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ICDPYR	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	8.6	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ICDPYR	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	8.6	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ISOPHR	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	4.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	ISOPHR	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	4.8	UGL	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	ORGANICS/WATER/GCMS	UM18	NAP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98		6.2	UGL	61.1
ABB-ES	ORGANICS/WATER/GCMS	UM18	NAP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98		3.3	UGL	61.1
ABB-ES	ORGANICS/WATER/GCMS	UM18	NB	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NB	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NNDNPA	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	4.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NNDNPA	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	4.4	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NNDPA	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	NNDPA	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	3	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PCP	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	18	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PCP	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	18	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHANTR	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHANTR	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	.5	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHENOL	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	9.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PHENOL	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	9.2	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PYR	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98	<	2.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	PYR	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98	<	2.8	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	UNK530	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98		7	UGL	15.4
ABB-ES	ORGANICS/WATER/GCMS	UM18	UNK530	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98		6	UGL	15.4
ABB-ES	ORGANICS/WATER/GCMS	UM18	UNK538	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98		10	UGL	35.3
ABB-ES	ORGANICS/WATER/GCMS	UM18	UNK538	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98		7	UGL	35.3
ABB-ES	ORGANICS/WATER/GCMS	UM18	UNK621	57M-96-11X	MD5711XX	ADV1W*28	WDIO	27-MAY-98	16-JUN-98		30	UGL	.0
ABB-ES	ORGANICS/WATER/GCMS	UM18	UNK621	57M-96-11X	MX5711XX	ADV1W*26	WDIO	27-MAY-98	16-JUN-98		30	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	111TCE	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	VOLATILES/WATER/GCMS	UM20	111TCE	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	112TCE	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	1.2	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	112TCE	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	1.2	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	11DCE	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	11DCE	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	11DCLE	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.68	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	11DCLE	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.68	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	124TMB	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98		20	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	124TMB	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98		20	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCE	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCE	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCLE	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCLE	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCLP	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	12DCLP	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	1E2MB	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98		20	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	1E2MB	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98		20	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	2CLEVE	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.71	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	2CLEVE	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.71	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	3MEPEN	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98		30	UGL	100.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	3MEPEN	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98		10	UGL	100.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	ACET	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	13	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	ACET	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	13	UGL	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	VOLATILES/WATER/GCMS	UM20	BRDCLM	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.59	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	BRDCLM	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.59	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C13DCP	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.58	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C13DCP	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.58	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C2AVE	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	8.3	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C2AVE	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	8.3	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C2H3CL	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	2.6	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C2H3CL	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	2.6	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C2H5CL	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	1.9	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C2H5CL	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	1.9	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C6H6	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	C6H6	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CCL3F	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	1.4	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CCL3F	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	1.4	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CCL4	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.58	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CCL4	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.58	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CH2CL2	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	2.3	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CH2CL2	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	2.3	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CH3BR	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	5.8	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CH3BR	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	5.8	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CH3CL	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	3.2	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CH3CL	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	3.2	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CHBR3	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	2.6	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CHBR3	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	2.6	UGL	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	VOLATILES/WATER/GCMS	UM20	CHCL3	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CHCL3	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CL2BZ	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98		19	UGL	5.4
ABB-ES	VOLATILES/WATER/GCMS	UM20	CL2BZ	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98		18	UGL	5.4
ABB-ES	VOLATILES/WATER/GCMS	UM20	CLC6H5	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CLC6H5	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CS2	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CS2	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CYHX	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98		20	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	CYHX	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98		20	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	DBRCLM	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.67	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	DBRCLM	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.67	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	ETC6H5	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98		20	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	ETC6H5	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98		20	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6H5	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEC6H5	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MECYPE	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98		20	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MECYPE	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98		20	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEK	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	6.4	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MEK	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	6.4	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MIBK	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	3	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MIBK	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	3	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	MNBK	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	3.6	UGL	.0

TABLE D-10

FIELD DUPLICATE RESULTS UNFILTERED SAMPLES
FT. DEVENS AOC 57

1998 SUPPLEMENTAL FIELD INVESTIGATION

Contractor	Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	<	Value	Unit	RPD
ABB-ES	VOLATILES/WATER/GCMS	UM20	MNBK	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	3.6	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	NAP	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98		10	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	NAP	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98		10	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	PRC6H5	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98		10	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	PRC6H5	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98		10	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	STYR	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	STYR	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.5	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	T13DCP	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.7	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	T13DCP	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.7	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	TCLEA	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98	<	.51	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	TCLEA	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98	<	.51	UGL	.0
ABB-ES	VOLATILES/WATER/GCMS	UM20	TCLEE	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98		5.5	UGL	1.8
ABB-ES	VOLATILES/WATER/GCMS	UM20	TCLEE	57M-96-11X	MX5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98		5.4	UGL	1.8
ABB-ES	VOLATILES/WATER/GCMS	UM20	TRCLE	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98		3.8	UGL	2.7
ABB-ES	VOLATILES/WATER/GCMS	UM20	TRCLE	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98		3.7	UGL	2.7
ABB-ES	VOLATILES/WATER/GCMS	UM20	XYLEN	57M-96-11X	MX5711XX	ADV1W*26	XDGV	27-MAY-98	03-JUN-98		5.9	UGL	1.7
ABB-ES	VOLATILES/WATER/GCMS	UM20	XYLEN	57M-96-11X	MD5711XX	ADV1W*28	XDGV	27-MAY-98	03-JUN-98		5.8	UGL	1.7

TABLE D-11
SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
AOC 57 1998 SUPPLEMENTAL FIELD INVESTIGATION
DEVENS, MASSACHUSETTS

MEDIA	SITE ID	FIELD SAMPLE NUMBER	IRDMIS TEST NAME	PARAMETER NAME	VALUE	FLAG CODE
SVOA sediment (LM18)	57D-98-01X	DX570100	C29	nonacosane	6.7	S
			UNK646-687	unknown (7)	14	S
	57D-98-02X	DX570200	C16A	hexadecanoic acid	1.6	S
			C27	heptacosane	5.2	S
			SMOLE	sulfur	2.1	S
			UNK532-687	unknown (20)	145	S
	57D-98-03X	DX570300	C29	nonacosane	9.4	S
			UNK644-687	unknown (12)	45	S
	57D-98-04X	DX570400	C29	nonacosane	13	S
			PHENAA	phenacetin	1.3	S
			UNK597-689	unknown (32)	121	S
	57D-98-05X	DX570500	C16A	hexadecane	5.5	S
			C27	heptacosane	7.4	S
			SMOLE	sulfur	1.8	S
			UNK517-695	unknown (18)	54	S
	57D-98-06X	DX570600	C29	nonacosane	7.2	S
			UNK538-687	unknown (21)	69	S
	57D-98-07X	DX570700	3S5E3L	ß-sitosterol	1.8	S
			UNK597-687	unknown (30)	97	S
	57D-98-08X	DX570800	3S5E3L	ß-sitosterol	.66	S
			UNK612-687	unknown (21)	31	S
SVOA soils (LM18)	57S-98-01X	SX570101	UNK636-695	unknown (3)	2	S
	57S-98-02X	SX570200	UNK645-669	unknown (6)	59	S
	57S-98-03X	SX570302	UNK667	unknown	20	S
	57S-98-05X	SX570503	UNK667	unknown	2	S
	57S-98-06X	SX570601	UNK653-669	unknown (5)	21	S
	57S-98-07X	SD570700	ALPHPN	alpha-pinene	1	SD
			C27	heptacosane	1.5	SD
			UNK526-682	unknown (10)	27	SD
	57S-98-07X	SX570700	ALPHPN	alpha-pinene	10	S
			UNK645-669	unknown (8)	170	S
	57S-98-07X	SX570701	UNK577-628	unknown (4)	50	S
	57S-98-08X	SX570800	C29	nonacosane	11	S
			UNK636-695	unknown (6)	68	S
	57S-98-09X	SX570900	UNK653-695	unknown (6)	56	S
	57S-98-13X	SX571301	UNK653	unknown	.8	S
	57S-98-14X	SX571401	UNK667	unknown	1	S
	57S-98-15X	SX571503	UNK695	unknown	.4	S
SVOA water (UM18)	57M-96-11X	MD5711XX	UNK525-621	unknown (4)	49	SD
	57M-96-11X	MX5711XX	ETC6H5	ethylbenzene	7	S
			PRC6H5	propylbenzene	4	S
			UNK519-621	unknown (4)	50	S
	57P-98-02X	MX5702XX	UNK519-582	unknown (2)	19	S
	57P-98-03X	MX5703XX	PRC6H5	propylbenzene	5	S
			UNK530-592	unknown (15)	171	S
			XYLEN	xylene	5	S
	57W-98-05X	WX570500	UNK528-666	unknown (3)	21	S

TABLE D-11
SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
AOC 57 1998 SUPPLEMENTAL FIELD INVESTIGATION
DEVENS, MASSACHUSETTS

MEDIA	SITE ID	FIELD SAMPLE NUMBER	IRDMIS TEST NAME	PARAMETER NAME	VALUE	FLAG CODE
	57W-98-08X	WX570800	UNK662	unknown	4	S
VOA water (UM20)	57M-96-11X	MD5711XX	124TMB	1,2,4-trimethylbenzene	20	S
			1E2MB	1-ethyl-2-methylbenzene	20	S
			2MEPEN	2-methylpentane	10	S
			3MEPEN	3-methylpentane	30	S
			CL2BZ	chlorobenzene	18	S
			CYHX	cyclohexane	20	S
			MECYPE	methylcyclopentane	20	S
			NAP	naphthalene	10	S
			PRC6H5	propylbenzene	10	S
			UNK219	unknown	10	S
	57M-96-11X	MX5711XX	124TMB	1,2,4-trimethylbenzene	20	S
			1E2MB	1-ethyl-2-methylbenzene	20	S
			3MEPEN	3-methylpentane	10	S
			CL2BZ	chlorobenzene	19	S
			CYHX	cyclohexane	20	S
			INDAN	indan	10	S
			MECYPE	methylcyclopentane	20	S
			NAP	naphthalene	10	S
			PCYMEN	4-(1-methylethyl)toluene	10	S
			PRC6H5	propylbenzene	10	S
	57P-98-03X	MX5703XX	124TMB	1,2,4-trimethylbenzene	70	S
			1E2MB	1-ethyl-2-methylbenzene	10	S
			INDAN	indan	6	S
			NAP	naphthalene	8	S
			UNK237	unknown	7	S

Notes:
soils = µg/g wates = µg/L
S = non-target compound; D = duplicate
Unknown (#) = total concentration of specified number of unidentified non-target compounds
SVOA = semivolatile organic analysis
VOA = volatile organic analysis

1999 OFF-SITE LABORATORY DATA (AREA 3 SOIL REMOVAL)

A data quality review was completed on analytical data collected during confirmation sampling associated with the AOC 57 Source Area 3 Removal Action. Samples were analyzed for extractable petroleum hydrocarbon (EPH), volatile petroleum hydrocarbon (VPH), organochlorine pesticides by USEPA Method 8081, and polychlorinated biphenyls (PCBs) by USEPA Method 8082 (USEPA, 1996). Soil samples were analyzed for EPH/VPH using Massachusetts Department of Environmental Protection (MADEP) procedures (MADEP, 1998). Samples were analyzed by Katahdin Analytical Services in Westbrook, Maine. Soil samples were collected during field investigations completed in March, April, and June 1999. Data were validated to evaluate quality control measurement data associated with the laboratory analytical results, and to determine the usability of reported results.

Based on the data quality review described below, all VPH/EPH and PCB results are considered to be usable for quantitative and qualitative assessment of the presence and concentration of specified target analytes. Results for some hydrocarbon groups and target compounds have been qualified J indicating that reported results are interpreted to be estimated values. A subset of pesticide results has been qualified rejected R or estimated J due to poor matrix spike performance. Qualified sample results are discussed in detail below.

Data Review

The data quality review was performed by the HLA project chemist in accordance with reduced data validation guidance provided by the USACE New England. During the validation process, the major QC measurement specified in the analytical data sets are evaluated. Data validation actions were based on qualification procedures outlined in the USEPA validation guidance documents (USEPA, 1994). The following QC measurement and method requirements were evaluated:

- holding time compliance
- sample shipping and custody records
- laboratory control sample (LCS) results
- matrix spike (MS) results
- surrogate recoveries
- laboratory and field QC blank results
- field duplicate results

VPH

All soil samples were preserved in methanol and analyzed within the 28 day holding time specified in the method. No target analytes were reported in laboratory method blanks, trip blanks, or rinse blanks associated with the data sets. LCS recoveries and duplicate data associated with the soil samples were within method specified limits indicating the analytical method was in control during the analysis of all samples in the data set. No matrix spike analyses were completed on samples in the data set due to lack of adequate volume of samples supplied to the laboratory. With the exception of samples discussed below, surrogate recoveries were within method specified limits for all samples.

A subset of samples was run at dilutions due to the presence of C9-C12 non-target compounds in the sample analysis. Reporting limits for BTEX and MTBE were elevated due to dilution in samples EX57W11X, EX57W14X, EX57W15X and the associated field duplicate, EX57W16X, and EX57W17X. It is possible that BTEX and MTBE might be present at concentrations below these elevated reporting limits; however, the overall VPH target compound results suggest that the contamination is primarily weathered hydrocarbons with the majority of BTEX has degraded.

The following data qualification actions and data use considerations should be incorporated into assessments made with this data set:

1. Aromatic fractions and target compound results in samples EX57W15X and the associated field duplicate, and EX57W 17X, were qualified estimated J due to surrogate recovery outside the method specified limits of 70%-130%. Surrogate recovery for the aromatic fraction was 62% - 67% indicating a slight low bias in the results.
2. All results for sample EX57W13X were qualified estimated J because of surrogate recovery outside the method specified limits of 70%-130%. Surrogate recovery for the aromatic and aliphatic fractions were 66% - 69% indicating a slight low bias in the results.
3. Results for the C9-C10 aromatic fraction in sample EX57W 02X and the associated duplicate were qualified estimated J due to differences in the field duplicate results.

EPH

All samples were analyzed within the 14 day soil holding time specified in the method. LCS and MS recoveries, and duplicate data were within method specified limits for the majority of analytes indicating the analytical method was in control during the analyses. With the exception of two samples discussed below, surrogate recoveries were within method specified limits for all samples.

The following data qualification actions and data use considerations should be incorporated into assessments made with this data set:

1. Aromatic fraction and target compound results for soil sample EX57W13X were qualified estimated J due to low surrogate recovery (34%). Results for these samples are considered potentially biased low.

2. Aliphatic fraction and target compound results for soil sample EX57W12X were qualified estimated J due to low surrogate recovery (19%). Results for these samples are considered potentially biased low.
3. Naphthalene results for a subset of samples were qualified estimated J due to low matrix spike recoveries of (31% - 43%).
4. In samples EX57W02X, EX57W06X, EX57W08X, and EX57W12X results reported for C19-C36 aliphatics were qualified non-detect U due to similar concentrations being reported in the laboratory method blank.

Pesticides

All samples were analyzed within the14 day soil holding time specified in the method. LCS recoveries, and duplicate data were within method specified limits. All reported surrogate recoveries were within method limits. Data from the MS/MSD pairs analyzed with each of the 3 data delivery groups indicate that there were matrix effects limiting the accuracy of the pesticide results. Different matrix effects were observed for each MS/MSD pair including inconsistent low and high recoveries in a subset of the target compounds. In two of three MS/MSD samples, high concentrations of PCBs were present in the samples causing interference in the data. No clean up steps were taken during the analysis of these samples. It is possible that more reliable data could have been obtained if clean up steps including Forisil or Silica clean ups were undertaken at the laboratory. Results were qualified based on USEPA guidelines.

1. Results for dieldrin, 4,4'-DDD, 4,4'-DDT, alpha-chlorodane, beta-BHC, endosulfan I and II, endosulfan sulfate, endrin, gama-BHC, gama-chlordane, and heptachlor epoxide were qualified estimated J in a subset of samples due to matrix spike recoveries outside limits.
2. A subset of methoxychlor results were rejected R due to low MS recoveries.

PCBs

All samples were analyzed within the 14 day soil holding time specified in the method. LCS, MS, surrogate recoveries, and duplicate data were within method specified limits indicating the analytical method was in control during the analyses. No data qualification was done on the PCB data sets.

Reference:

Massachusetts Department of Environmental Protection (MADEP), 1998. "Method for the Determination of Volatile Petroleum Hydrocarbons (VPH)"; Division of Environmental Analysis; Office of Research and Standards; Bureau of Waste Site Cleanup; January 1998.

Massachusetts Department of Environmental Protection (MADEP), 1998. "Method for the Determination of Extractable Petroleum Hydrocarbons (EPH)"; Division of Environmental Analysis; Office of Research and Standards; Bureau of Waste Site Cleanup; January 1998.

U.S. Environmental Protection Agency (USEPA), 1996. "Test Methods for Evaluating Solid Waste"; Laboratory Manual Physical/Chemical Methods; Office of Solid Waste and Emergency Response; Washington, DC; SW-846; November 1986; Revision 4 -December 1996.

U.S. Environmental Protection Agency (USEPA), 1994. "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review"; Office of Solid Waste and Emergency Response; EPA-540/R-94/012; February 1994.