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FINAL RCRA FACILITY INVESTIGATION FOR SOLID WASTE MANAGEMENT UNIT 22, 23, 24 AND 25 VOLUME 2 OF 3 PART 1 NAS FORT WORTH TX
5/1/2001
HYDROGEOLOGIC

File: 17G
676 0 P.W.

NAVAL AIR STATION
FORT WORTH JRB
CARSWELL FIELD
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 676

File:
P.W. 17A-79
676 1
676

HYDRO GeoLogic INC.

FINAL
RCRA FACILITY INVESTIGATION
SOLID WASTE MANAGEMENT UNITS
22, 23, 24, AND 25
NAS FORT WORTH JRB, TEXAS

Volume II of III

Prepared for

U.S. Air Force Center for Environmental Excellence
Brooks AFB, Texas
Contract Number F41624-95-D-8005

May 2001

HydroGeoLogic, Inc.
1155 Herndon Parkway
Suite 900
Herndon, Virginia 20170
(703) 478-5186

FINAL
RCRA FACILITY INVESTIGATION
SOLID WASTE MANAGEMENT UNITS
22, 23, 24, AND 25
NAS FORT WORTH JRB, TEXAS

Volume II of III

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Prepared by

HydroGeoLogic, Inc.
1155 Herndon Parkway, Suite 900
Herndon, VA 20170

May 2001

VOLUME II

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APPENDIX A

APPENDIX A

BORING LOGS

SWMU 22 (LANDFILL 4)

HYDRO GeoLogic INC

Test Pit Classification Log

676 7

Project Name: Carswell AFB, D.O 2
Page 1 of 1
Project Number:
Date: 8/27/97
Field Geo./Eng.: Ken Hurley
Test Pit No.: THGLTA 001
Location: LF04, Test Pit #1
Approx. Elev.: 621.64
Equipment Used: Backhoe
Pit Dimensions: 40 x 2 x 15 = 1200

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		7 5 YR 4/4 brown silty clay, some odor of decomposing waste, moist PID= 25ppm		001 (2- 5)
2				
3		Blackened soil and waste material (plastic, wood, some metal) PID= 8 ppm		
4				
5		Blackened material, general refuse PID= 7 5 ppm wet		
6				
7		More black refuse PID= 68ppm		
8				
9		Encountered virgin soil at 8'8" 7 5 YR 4/4 dark brown silty clay, moist		
10				
11				
12				
13				
14				
15				

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Test Pit Classification Log

Project Name: Carswell AFB, D O 2	**Page** 1 of 1
Project Number: AFC 001	**Date:** 9/2/97
Field Geo./Eng.: Ken Hurley	**Test Pit No.:** THGLTA 002
Location: LF04, Test Pit #2	**Approx. Elev.:** 615 40
Equipment Used: Backhoe	**Pit Dimensions:**

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		10 YR 5/6 yellowish brown sandy clay, dry, non-plastic PID= 0 ppm		002 (2- 5)
2				
3		Same as above Encountered purple stained sand with PID = 10ppm around 3' and trash with PID = 0ppm at 3 5'		
4				
5		1970 newspaper, carpet, plastic hose		
6				
7		Miscellaneous wires, empty quart of motor oil, various types of metal cans, more paper and trash PID= 7 0 ppm		
8				
9				
10		Miscellaneous wastes (glass, metal, plastic), some carpet PID= 21 0 ppm		
11				
12				
13		At 13' virgin material, 2 5 Y 6/6 olive yellow chalky clay with some small rounded pebbles and magnesium PID= 1 ppm		002(12 5-13)
14				
15				

HYDRO GeoLogic INC.

Test Pit Classification Log

676 9

Project Name: Carswell AFB, D O.2
Page 1 of 1
Project Number: AFC 001 0230
Date: 9/3/97
Field Geo./Eng.: Ken Hurley
Test Pit No.: THGLTA 003
Location: LF04, Test Pit #3
Approx. Elev.: 615 70
Equipment Used: Backhoe
Pit Dimensions: 15' x 2.5' x 13.5' = 506 25'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		7 5 YR 4/6 strong brown clay w/ magnesium and small rounded pebbles PID= 0ppm		002 (2- 5)
2				
3		Same as above Waste encountered at 2 5' bgs (6' from starting point)		
4				
5		At 4 5' 5YR 5/6 yellowish red sand and some small pebbles PID= 0ppm		
6				
7		Same as above		
8				
9				
10		Same as above		
11				
12				
13		Virgin soil, 10 YR 4/6 dark yellowish brown clay PID= 0 ppm		002(12 8-13 3)
14				
15				

676 10

Test Pit Classification Log

Project Name: Carswell AFB, D O 2	**Page** 1 of 1
Project Number: AFC 001 0230	**Date:** 9/3/97
Field Geo./Eng.: Ken Hurley	**Test Pit No.:** THGLTA 004
Location: LF04, Test Pit #4	**Approx. Elev.:** 622 88
Equipment Used: Backhoe (Gary Morris)	**Pit Dimensions:** 40' x 2 5' x 13' = 1300'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		7 5 YR 5/8 strong brown sand mixed with clay, small rounded pebbles with some magnesium, dry to moist PID= 0ppm		002 (2- 5)
2				
3		7 5 YR 2 5/1 black and strong brown clay with some silt, moist, low plasticity PID = 0ppm Mixed with refuse after 3 5'		
4				
5		Mixed waste (PID= 0ppm) Marble, kitchen sink, bottles, miscellaneous refuge, dishes		
6				
7		Same as above		
8				
9		Burned wastes, bottles, miscellaneous metal items, rubber hoses PID= 0ppm		
10				
11		Same as above		
12				
13		Virgin soil encountered at 13' 10 YR 4/6 dark yellowish brown clay with small pebbles and magnesium PID = 0 ppm		002 (12 5-13)
14				
15				

HYDRO GeoLogic INC

Test Pit Classification Log

Project Name: Carswell AFB, D O 2
Page 1 of 1
Project Number: AFC 001 0230
Date: 9/3/97
Field Geo./Eng.: Ken Hurley
Test Pit No.: THGLTA 005
Location: LF04, Test Pit #5
Approx. Elev.: 623.76
Equipment Used: Backhoe (Juan Vega)
Pit Dimensions: 40' x 2 5' x 10' = 1000'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		7 5 YR 4/6 strong brown sandy clay, dry, some small rounded pebbles and magnesium PID= 0ppm		002 (2- 5)
2				
3		Blackened refuse material PID= 0 ppm Waste is deeper as move north (3 5 - 4 0 bgs)		
4				
5		More waste		
6				
7		Found rusted 55-gallon container at 8' bgs at the north end of the trench Drum was empty and dry and had been burned PID = 60 ppm		
8				
9		Virgin soil at 10' 7 5 YR 5/6 strong brown silty clay with magnesium Moist, low plasticity PID= 0ppm		002 (9 5-10)
10				
11				
12				
13				
14				
15				

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Test Pit Classification Log

Project Name: Carswell AFB, D O 2
Page 1 of 1
Project Number: AFC 001 0230
Date: 9/4/97
Field Geo./Eng.: Ken Hurley
Test Pit No.: THGLTA 006
Location: LF04, Test Pit #6
Approx. Elev.: 625 92
Equipment Used: Backhoe (Gary Morris)
Pit Dimensions: 40' x 2 5' x 12 5' = 1250'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		10 YR 4/6 yellowish brown clay with some sand, dry PID= 0ppm More sand encountered as move eastward		002 (2- 5)
2				
3		Change in soil color 10 YR 4/4 dark yellowish brown clay with some silt and sand, dry, no odor		
4				
5		Encountered debris at 4' (metal debris, glass bottles, cloth material, some burned material, metal springs, pipes, wires, chunks of charred wood) PID = 0ppm		
6				
7		Same as above (a lot of glass bottles, miscellaneous metal items, a lot of ash material, a few bricks, a couple of rusted 5-gal buckets)		
8				
9		Same as above Piece of a parts basket (metal gridded material), sink tubing		
10				
11		Same as above		
12				002 (12-12 5)
13		Virgin soil encountered at 12 6' 7 5 YR 5/6 strong brown clay with small rounded pebbles and magnesium, low plasticity, dry to moist PID = 0 ppm		
14				
15				

HYDRO GeoLogic INC

Test Pit Classification Log

Project Name: Carswell AFB, D O 2
Project Number: AFC 001 0230
Field Geo./Eng.: Ken Hurley
Location: LF04, Test Pit #7
Equipment Used: Backhoe (Gary Morris)

Page 1 of 1
Date: 9/4/97
Test Pit No.: THGLTA 007
Approx. Elev.: 623.17
Pit Dimensions: 40' x 2 5' x 6' = 600'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		10 YR 4/6 yellowish brown clay with some sand, dry PID=0ppm More sand encountered as move eastward		002 (2- 5)
2				
3		Change in soil color 10YR 4/4 dark yellowish brown clay with some silt and sand, dry, no odor		
4				
5		Virgin soil, 7 5YR 5/6 strong brown clay with magnesium and small rounded pebbles A lot of coarse tiny pebbles and some larger pebbles		002 (5-5 5)
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

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Test Pit Classification Log

Project Name: Carswell AFB, D O 2
Page 1 of 1
Project Number: AFC 001 0230
Date: 9/4/97
Field Geo./Eng.: Ken Hurley
Test Pit No.: THGLTA 008
Location: LF04, Test Pit #8
Approx. Elev.: 624 08
Equipment Used: Backhoe (Gary Morris)
Pit Dimensions: 40' x 2.5' x 6' = 600'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		7 5 YR 5/6 strong brown clay with small pebbles, dry, low plasticity		002 (2- 5)
2				
3		Virgin soil, 7 5 YR 3/4 dark brown silty clay, moist, low plasticity PID= 0 ppm		002 (3 5-4)
4				
5		Virgin soil, same as above Virgin soil at 6', 7 5 YR 5/6 strong brown clay with small pebbles PID = 0ppm		
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

HYDRO GeoLogic INC

Test Pit Classification Log

Project Name: Carswell AFB, D O.2
Page 1 of 1
Project Number: AFC 001 0230
Date: 9/5/97
Field Geo./Eng.: Ken Hurley
Test Pit No.: THGLTA 009
Location: LF04, Test Pit #9
Approx. Elev.: 624 88
Equipment Used: Backhoe (Gary Morris - Sunbelt)
Pit Dimensions: 15' x 2.5' x 13' = 487 5

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		7 5 YR 5/6 strong brown clay with small pebbles (backfilled), dry PID= 0ppm		002 (2- 5)
2				
3		Waste (plastic, some metal, decomposing cardboard) PID= 0ppm		
4				
5		Found some greenish gray stained soil with black mottles, strong odor Material is moist and mixed with trash The smell is of POL's PID= 7 0ppm		
6				
7		Same as above		
8				
9		More smelly (PID= 13 0ppm) stained waste, wood, paper, plastic, wiring, some metal		
10				
11		Same as above		
12				
13		Virgin soil, 7 5 YR 5/8 strong brown clay with some silt, moist, medium plasticity PID= 9 0ppm		002 (12 5-13)
14				
15				

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Test Pit Classification Log

Project Name: Carswell AFB, D O 2	**Page** 1 of 1
Project Number: AFC 001 0230	**Date:** 9/5/97
Field Geo./Eng.: Ken Hurley	**Test Pit No.:** THGLTA 010
Location: LF04, Test Pit #10	**Approx. Elev.:** 625.74
Equipment Used: Backhoe (Gary Morris)	**Pit Dimensions:** 30' x 2.5' x 11 5' = 862 5'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		7 5 YR 5/6 strong brown clay, dry, low plasticity PID= 0ppm		010-01 (2- 5)
2				
3		Waste material, has been burned prior to disposal PID= 0ppm		
4				
5		Waste, general refuse (paper, plastic, some metal, cardboard, glass, etc) PID= 3 0 - 6 0ppm		
6				
7		Same as above		
8				
9		Same as above		
10				
11		Virgin soil at 11 5' (PID= 0ppm) 7 5 YR 4/6 strong brown clay, moist, no odor, low plasticity		010-02 (11-11 5)
12				
13				
14				
15				

HYDRO GeoLogic INC

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-4

Borehole ID: BHGLTA401

Date: 5/21/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1, 2, 3		***Silty Clay*** 10YR 3/4 dark yellowish brown silty clay with some calcite nodules High plasticity, medium sorted, stiff	-3	CH		damp		
4		***Silty Sand*** 10YR 6/6 brownish yellow silty sand, fine grained, loose, well sorted	-4	SM		damp		Sample collected for VOCs
5, 6, 7		***Sand*** 7 5YR 3/4 dark brown to 10YR 7/6 yellow sand, medium grained, loose, well sorted	-7	SP		damp		Heavy iron staining
8, 9, 10		***Sand*** 10YR 7/6 yellow sand, medium to coarse grained, loose, well sorted	-10	SP		damp		Collected sample BHGLTA401-03 for VOCs
11, 12, 13		***Sand*** 10YR 6/4 light yellowish brown sand, medium to coarse grained (more coarse towards bottom), loose	-13	SP				
14, 15, 16		***Sand*** 10YR 7/6 yellow sand, medium to coarse grained, moderately sorted	-16	SP		damp		Collected sample for VOCs

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5"

Total Depth Drilled 19'

Sheet 1 of 2

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Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-4

Borehole ID: BHGLTA401

Date: 5/21/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Gravelly Sand*** 10YR 7/4 very pale brown gravelly sand (10% gravel), loose, poorly sorted	-17	SW		moist		
18		***Sand*** 10YR 6/6 brownish yellow sand with some shell fragments, loose, moderately sorted		SP		wet		Water at 18' bgs
19			-19					End of boring 19' bgs
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Drilled By: PSI

Drill Method DPT

Drilling Equipment: XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5"

Total Depth Drilled 19'

Sheet 2 of 2

676 19 d

HYDRO GeoLogic INC

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-4

Borehole ID: BHGLTA402

Date: 5/26/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1–4		***Silty Clay*** 10YR 4/6 dark yellowish brown silty clay with trace of gravel and calcite nodules High-moderate plasticity, stiff, poorly sorted	-4	CH		dry		No PID reading No odor
4–7		***Gravelly Clay*** 10YR 4/6 dark yellowish brown gravelly clay with calcite nodules, stiff, moderate plasticity, poorly sorted	-7	GC	50%	damp		No PID No odor
7–9		***Sand*** 10YR 7/6 yellow sand, medium to fine grained (coarser from 13-16'), well sorted (some moderately sorted 13-16')			80%	dry damp		No PID No odor
9–12					100%	dry		No PID No odor
12–16				SP	100%	dry		No PID No odor

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5"

Total Depth Drilled 22'

Sheet 1 of 2

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Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-4

Borehole ID: BHGLTA402

Date: 5/26/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17						moist		
18								
19			-19					
20		***Sand*** 10YR 5/6 yellowish-brown sand, loose, medium grained, well sorted Some angular limestone and chert gravel at base of section		SP	100%	wet		Water at 19 5' bgs
21								
22			-22					End of boring 22' bgs
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5"

Total Depth Drilled 22'

Sheet 2 of 2

HydroGeoLogic INC.

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-4

Borehole ID: BHGLTA403

Date: 5/20/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1, 2, 3		***Silty Clay*** 10YR 7/8 yellow silty clay with gravel, moderate to high plasticity, poorly sorted, stiff	-3	CH		dry		No recovery from sections below 7' bgs, 2nd hole offset 4' from 1st hole Refusal at 10' in 2nd hole, 3rd hole offset 4' from 2nd hole
4		***Silty Sand*** 10YR 7/8 yellow silty sand with clay, low plasticity, moderately sorted, firm	-4	SM		damp		
5, 6, 7		***Silty Sand*** 10YR 6/8 brownish yellow silty sand with trace of clay and calcareous nodules, low plasticity, firm, moderate to well sorted	-7	SM		moist		Sample collected at 1340 from 1st hole Sample collected for VOCs at 4 - 4 5' from 3rd hole Begin landfill material
8, 9, 10		***Debris*** 2" burnt wood at bottom of sleeve	-10					Very little recovery No odor
11, 12, 13		***Debris*** Burned debris	-13					
14, 15, 16		***Debris*** Burned debris/residue (charcoal?)	-16					Hole kinked - can't get barrel back down Boring terminated at 16' bgs

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 16'

Sheet 1 of 1

'6-76 '22

HYDRO GeoLogic INC

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-4

Borehole ID: BHGLTA404

Date: 5/20/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1 2 3 4		***Gravelly Clay*** 7 5YR 3/2 dark brown gravelly clay, firm, high plasticity, poor sorting	-4	CH	15%	damp		Some construction debris Collected sample BHGLTA404-02 from depth 3 5 - 6 0' bgs
5		***Silty Clay*** 10YR 3/4 dark yellowish brown silty clay with gravel, stiff, high plasticity, moderatel sorted	-5	CH				
6 7 8		***Clayey Gravel*** Clayey gravel (calcareous), moderate plasticity, stiff, mottled color	-8	GC	100%	damp		Collected VOC sample from 5 5 - 6 0' bgs No construction debris
9		***Silty Clay*** 10YR 5/8 yellowish brown silty clay with calcareous nodules, firm, stiff, moderate plasticity, moderately sorted	-9	CH		wet		Collected VOC sample from 9 0 - 9 5' bgs
10		***Sandy Silt*** 10YR 4/6 dark yellowish brown sandy silt, low plasticity, firm Burnt debris, wire, glass, concrete	-10	ML				
11 12 13		***Sand*** 10YR 7/6 yellow sand, medium to fine grained, well sorted, loose Iron staining, landfill material	-13	SP		damp		No debris
14 15 16		***Sand*** 10YR 6/8 brownish yellow sand, medium grained, well sorted, loose Landfill material	-16 2	SP		satur-ated		Collected VOC sample from 14 5 - 15 0' bgs

Drilled By PSI / ENVD

Drill Method DPT / HSA

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5" / 8 0"

Total Depth Drilled 28'

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HYDRO GeoLogic INC

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-4

Borehole ID: BHGLTA404

Date: 5/20/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Gravelly Clay*** Gravelly clay, medium to high plasticity, stiff, poorly sorted	-17	GC				
18		***Gravelly Clay*** 10YR 5/4 yellowish brown gravelly clay, medium to high plasticity, stiff, poorly sorted, sand at bottom	-19	GC		damp		
19		***Sand*** 10YR 7/4 very pale brown sand, medium to coarse grained, loose, moderately sorted with gravel and shells from 19 to 20						
20						moist		Collected VOC sample from 20 5 - 21 0' bgs
21								
22				SP				
23						moist		
24								
25			-25					
26		***Sand*** 10YR 7/3 very pale brown sand, loose, medium to coarse grained, moderately sorted						Water at 29 0' bgs
27				SP		moist		
28								
29			-29 5					
30		***Gravel*** 10YR 7/2 light gray gravel, loose, poorly sorted	-30	GW				End of boring 30' bgs
31								
32								

Drilled By PSI / ENVD

Drill Method DPT / HSA

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5" / 8 0"

Total Depth Drilled 28'

Sheet 2 of 2

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HYDRO GeoLogic INC.

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-4

Borehole ID: BHGLTA405

Date: 5/21/98

Geologist: M Gerber

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Silty Clay 7 5YR 5/6 strong brown silty clay, slightly mottled, with 40% pebbles	-0 6	CL				
1								
2		***Sandy Clay*** Fine sandy clay, fairly cohesive		CL		damp		
3								
4			-4					
		Silty Clay 7 5YR 5/2 brown silty clay, mottled, fairly plastic with 10% pebbles Some calcareous nodules from 7 to 8' bgs						Collected VOC sample
5					50%	dry		
6								
7				CL				
8					100%	dry		
9								Collected VOC sample
10			-10					
11		***Silty Clay*** 7 5YR 5/3 brown mottled silty clay, low plasticity with greenish-gray staining down to 12'bgs		CL				
12			-12 5		80%	dry		
13		***Sand*** 7 5YR 8/1 white sand, fine grained, loose	-13 25	SP				
		Clay 7 5YR 6/2 pinkish gray stiff mottled clay	-14	CL				
14								Collected VOC sample
15		***Sand*** 2 5YR 6/6 reddish yellow sand, well sorted, loose		SP	80%	dry		No OVM reading
16			-16					

Drilled By PSI / ENVD

Drill Method DPT

Drilling Equipment XD-2 & HSA

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5"

Total Depth Drilled. 30'

Sheet 1 of 2

HYDRO GeoLogic INC

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-4

Borehole ID: BHGLTA405

Date: 5/21/98

Geologist: M Gerber

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17–19		***Sand*** 7 5YR 7/4 pink sand, fine grained, well sorted, loose	-19	SP	90%	dry		No OVM reading
20–22		***Sand*** 7 5YR 7/4 pink sand, fine grained, well sorted, loose From HSA 20-25' section 10YR 7/6 yellow sand, moderately sorted with 1-15% shells and pebbles Thin layer of large (1" dia) pebbles 4" from b	-22	SP	100%	dry		Collected VOC sample
23		***Sand*** 10YR 6/4 light yellowish brown sand, moderately sorted, loose	-23 5	SP		dry		Samples logged from 20 0 to 30 0' bgs
24–25		***Sandy Gravel*** 10YR 6/4 light yellowish brown sandy gravel, poorly sorted, loose	-25	SW		dry		Cannot return rods into hole Will continue with larger rig to advance boring Drilling resumed on 6/4/98 with HSA rig
26–30		***Sand*** 10YR 7/3 very pale brown sand, medium to fine grained, becoming coarser with depth Shells at base Layer of mod sorted pebbles near top of section (approx 1' thick)	-30	SP		moist		Water at 30' End of boring 30' bgs
31–32								

Drilled By PSI / ENVD

Drill Method DPT

Drilling Equipment XD-2 & HSA

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5"

Total Depth Drilled 30'

Sheet 2 of 2

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Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-4

Borehole ID: BHGLTA406

Date: 5/22/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1 2 3 4		***Silty Clay*** 7 5YR 3/2 dark brown silty clay, high plasticity, very stiff, well sorted	-4	CH	35%	dry		Collected sample at 0755
5 6 7 8 9 10		***Silty Clay*** 10YR 6/8 yellowish brown silty clay, moderate plasticity, firm, well sorted Some odor and black staining More silt than previous section	-10	CL		damp		Collected VOC sample from 4 5 - 5 0' Collected VOC sample from 8 5 - 11 5'
11 12		***Clayey Silt*** 10YR 6/4 yellowish brown clayey silt with gray and black staining and white calcareous pockets Moderate plasticity, firm, moderate sorting	-12	ML		damp		Hydrocarbon odor Headspace = 333 0 ppm Strong hydrocarbon odor
13		***Sand*** 5PB 4/1 dark blueish gray fine sand, well sorted, loose	-13	SP				Refusal at 13 0' bgs - Offset borehole
14 15 16		***Sand*** 2 5YR 2/3 light olive brown sand, well sorted, loose	-16	SP		damp		Collected VOC sample from 13 5 - 16 5'

Drilled By PSI

Drill Method. DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5"

Total Depth Drilled 28'

HYDRO GeoLogic INC

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-4

Borehole ID: BHGLTA406

Date: 5/22/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17 18		***Sand*** 10YR 7/6 yellow sand, well sorted, loose	-19	SP		damp		Heavy hydrocarbon odor
19 20 21 22		***Sand*** 10YR 7/3 very pale brown sand, moderately to well sorted, loose	-22	SP		damp		Collected VOC sample from 21 0 - 21 5'
23 24 25		***Sand*** 10YR 7/2 light gray coarse to medium sand, well sorted, loose	-25	SP		damp		Heavy hydrocarbon odor
26 27 28		***Sand*** 10YR 6/2 light brownish gray loose, medium to coarse grained sand with orange staining from 26 5-27 0'	-28	SP		wet		Water at 26 0' bgs Heavy hydrocarbon odor End of boring 28' bgs
29 30 31 32								

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5"

Total Depth Drilled 28'

Sheet 2 of 2

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HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-4

Borehole ID: BHGLTA407

Date: 10/5/99
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			Remarks
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	
1, 2, 3, 4		***Blind Probe*** Blind probe to 4' bgs	-4					
4, 5, 6		***Silty Clay*** 5YR 5/8 yellowish red silty clay with calcite nodules (10%) Dry, very stiff	-6	CL		dry	0 0	Collected BHGLTA407-02 at 1405 and MS/MSD (VOCs only)
6, 7, 8, 9		***Blind Probe*** Blind probe to 9' bgs	-9					
9, 10, 11		***Silty Clay*** 5YR 4/6 yellowish red silty clay, mottled with 5YR 2 5/2 dark reddish brown silty clay, slightly damp, stiff	-11	CL		l dam	0 0	Collected BHGLTA407-03 at 1435 and DUP02 (VOCs only)
11, 12, 13, 14		***Blind Probe*** Blind probe to 14' bgs	-14					
14, 15, 16		***Sand*** Contact with sand at 14 25' 10YR 7/6 yellow well sorted fine sand, damp	-16	SP		damp	0 0	Collected BHGLTA407-04 at 1505

Drilled By: TEG
Drill Method DPT
Drilling Equipment. Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size. 2"
Total Depth Drilled 21'
Sheet: 1 of 2

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HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-4

Borehole ID: BHGLTA407

Date: 10/5/99
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17 18 19		*Blind Probe* Blind probe to 19' bgs	-19					
20 21		*Sand* 10YR 7/6 yellow well sorted fine sand with occasional clay lenses (1 5" thick), 10YR 3/3 dark brown, stiff Small calcite nodule (1-2mm)	-21	SP		damp	0 0	Collected BHGLTA407-05 at 1525
22 23 24 25 26 27 28 29 30 31 32								

Drilled By TEG
Drill Method: DPT
Drilling Equipment: Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"
Total Depth Drilled 21'
Sheet 2 of 2

.676 30

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-4

Borehole ID: BHGLTA410

Date: 3/10/00
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Silty Clay 10YR 3/4 dark yellowish brown silty clay	-0 5	CL				Sample collected for PAHs
1 2 3		*Blind Probe* Blind Probe to 4' bgs	-4					
4 5 6		*Clayey Sand* Mottled 10YR 7/4 very pale brown and 10YR 6/6 brownish yellow poorly sorted clayey fine sand with 10% gravel Limestone gravel is angular 5-15mm, quartz gravel is subrounded to angular with some rounded 2-10mm grains	-6	SC		dry	0 0	Sample collected for PAHs at 5' bgs
7 8 9 10 11 12 13 14 15 16								

Drilled By: ESN
Drill Method: DPT
Drilling Equipment: Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size: 2"
Total Depth Drilled: 6'
Sheet: 1 of 1

HYDRO GeoLogic INC.

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-4

Borehole ID: BHGLTA411

Date: 3/10/00

Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Silty Clay 7 5YR 4/4 brown silty clay	-0 5	CL		damp		Sample collected for PAHs
1								
2		***Blind Probe*** Blind Probe to 4' bgs						
3								
4			-4					
5		***Sand*** 7 5YR 6/6 reddish yellow poorly sorted medium to coarse sand with 10% gravel LS gravel is angular 3-20mm mostly chert gravel, black, red, and brown 7% with some red quartz 2% Chert and quartz		SW		damp		Sample collected for PAHs
6			-6					
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Drilled By ESN

Drill Method DPT

Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 6'

Sheet 1 of 1

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HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-4

Borehole ID: BHGLTA412

Date: 3/10/00
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Silty Clay 7 5YR 4/4 brown silty clay	-0 5	CL		damp		Sample collected for PAHs
1 2 3		*Blind Probe* Blind Probe to 4' bgs	-4					
4 5		*Sand* 7 5YR 6/6 reddish yellow poorly sorted medium to coarse sand with 10% gravel *Gravel is composed of mostly chert 2-10mm rounded (red,black,brown) and red quartz 5mm rounded and limestone 3-20mm angular*	-5 5	SW		damp	0 0	Sample collected for PAHs, MS, MSD
6		*Sand* 10YR 8/3 very pale brown well sorted medium sand	-6	SP		damp		
7 8 9 10 11 12 13 14 15 16								

Drilled By. ESN
Drill Method DPT
Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size· 2"
Total Depth Drilled 6'
Sheet. 1 of 1

SWMU 23 (LANDFILL 5)

HYDRO GeoLogic INC

Test Pit Classification Log

Project Name: Carswell AFB, D O 2
Page 1 of 1
Project Number: AFC 001 0230
Date: 8/27/97
Field Geo./Eng.: Ken Hurley
Test Pit No.: THGLTA 011
Location: LF05, Test Pit #1
Approx. Elev.: 613 05
Equipment Used: Backhoe
Pit Dimensions: 40' x 2' x 8 8' = 704'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		5 YR 4/6 yellowish red clay, dry to moist, no odor PID= 0ppm		011-01 (2- 5)
2				
3		Begin seeing debris, 7 5 YR 4/4 dark brown silty clay with miscellaneous debris Immediatley shut down (13 00)		
4				
5				
6				
7				
8				
9		Same as above		
10				
11		Virgin soil at 11 5' (PID= 0ppm) 7 5 YR 4/6 strong brown clay, moist, no odor, low plasticity		
12				
13				
14				
15				

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Test Pit Classification Log

Project Name: Carswell AFB, D.O.2	**Page** 1 of 1
Project Number: AFC 001 0230	**Date:** 9/5/97
Field Geo./Eng.: Michael Rodtang	**Test Pit No.:** THGLTA 012
Location: LF05, Test Pit #2	**Approx. Elev.:** 607 96
Equipment Used: Backhoe	**Pit Dimensions:** 15' x 2' x 15' = 450'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
				011-01 (2- 5)
1		5 YR 4/6 yellowish red clay, dry to moist, no odor PID= 0ppm		
2				
3		Begin seeing debris, 7 5 YR 4/4 dark brown silty clay with miscellaneous debris Immediatley shut down (13 00)		
4				
5				
6				
7				
8				
9		Same as above		
10				
11		Virgin soil at 11 5' (PID= 0ppm) 7 5 YR 4/6 strong brown clay, moist, no odor, low plasticity		
12				
13				
14				
15				

HYDRO GeoLogic INC

Test Pit Classification Log

Project Name: Carswell AFB, D O 2
Page 1 of 1
Project Number: AFC 001 0230
Date: 9/9/97
Field Geo./Eng.: Michael Rodtang
Test Pit No.: THGLTA 013
Location: LF05, Test Pit #3
Approx. Elev.: 607.17
Equipment Used: Backhoe
Pit Dimensions: 40' x 2' x 15 5' = 1240'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		7 5 YR 4/3 brown silty clay, dry Trash - wood, plastic bags, paper PID = 2 3ppm in soil		012-01 (2- 5)
2				
3		Same as above		
4				
5		Gauze pads with blood stains, IV tubing, syringes, needles, latex gloves, etc PID = 13 5ppm in soil		
6				
7		More waste, glass IV bottles PID= 0 0 ppm		
8				
9		Same as above		
10				
11		Same as above PID = 5 4 ppm in soil		
12				
13		Same as above		
14				
15		Sample collected at 15 5' bgs		

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Test Pit Classification Log

Project Name: Carswell AFB, D O 2
Page 1 of 1
Project Number: AFC 001 0230
Date: 9/9/97
Field Geo./Eng.: Michael Rodtang
Test Pit No.: THGLTA 013
Location: LF05, Test Pit #3
Approx. Elev.: 607.17
Equipment Used: Backhoe
Pit Dimensions: 40' x 2' x 15 5' = 1240'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

HYDRO GeoLogic INC

Test Pit Classification Log

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Project Name: Carswell AFB, D.O 2
Page 1 of 1
Project Number: AFC 001 0230
Date: 9/8/97
Field Geo./Eng.: Michael Rodtang
Test Pit No.: THGLTA 014
Location: LF05, Test Pit #4
Approx. Elev.: 615 12
Equipment Used: Backhoe
Pit Dimensions: 15' x 2' x 15' = 450'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		7 5 YR 5/6 brown silty clay Trash, plastic bags, wood, soda cans, urine sampling spin down tubes PID = 0 0ppm in soil and BZ		014-01 (2- 5)
2				
3		Same as above PID = 0 7ppm in soil, 0 0ppm in BZ		
4				
5		Same materials as above PID = 0 4ppm in soil, 0 0ppm in BZ		
6				
7		Surgical tubing, rubber gloves mixed with paper, plastic, wood, etc		
8				
9		Same as above		
10				
11		Same as above		
12				
13		Same as above PID = 6 8ppm in soil, 0 0ppm in BZ (breathing zone)		
14				
15		Same materials to 15' bgs		

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Test Pit Classification Log

Project Name: Carswell AFB, D O.2
Page 1 of 1
Project Number: AFC 001 0230
Date: 9/8/97
Field Geo./Eng.: Michael Rodtang
Test Pit No.: THGLTA 015
Location: LF05, Test Pit #5
Approx. Elev.: 612.28
Equipment Used: Backhoe
Pit Dimensions: 15' x 2' x 15' = 450'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		7 5 YR 5/6 brown silty clay, dry, low plasticity Trash, newspapers (25 June 1975), small amounts of wood PID = 0 0ppm in trench and BZ		015-01 (2- 5)
2				
3		Same materials PID = 0 7ppm in soil, 0 0ppm in BZ		
4				
5		Same materials PID = 0 0ppm in soil and in BZ		
6				
7		Same materials		
8				
9		Same materials		
10				
11		Automotive waste, oil filters, battery cables, 1 tire At 11 5', 11 April 1975 newspaper Soil becoming sandy with silt and moist		
12				
13		Syringes at 14' PID = 0 0 in BZ and 9 2 in soil		
14				
15		Waste in excess of 15'		

HYDRO GeoLogic INC

Test Pit Classification Log

Project Name: Carswell AFB, D.O 2
Page 1 of 1
Project Number: AFC 001 0230
Date: 9/8/97
Field Geo./Eng.: Michael Rodtang
Test Pit No.: THGLTA 016
Location: LF05, Test Pit #6
Approx. Elev.: 615.15
Equipment Used: Backhoe
Pit Dimensions: 10' x 2' x 12' = 240'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		7 5 YR 5/6 brown silty clay, dry, low plasticity Trash at 0 5' PID = 0 0ppm in trench and BZ		016-01 (2- 5)
2				
3		Same materials		
4				
5		Same materials PID = 0 0ppm in soil and in BZ		
6				
7		Same materials		
8				
9		Same materials PID= 22 4 ppm in soil		
10				
11		Medical tubing with blood in tubing Still red Green liquid saturated soil Terminated trench at 12' bgs based on blood filled tubing CIH agreed		
12				
13				
14				
15				

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HYDRO GeoLogic INC

Test Pit Classification Log

Project Name: Carswell AFB, D O 2	**Page** 1 of 1
Project Number: AFC 001 0230	**Date:** 9/8/97
Field Geo./Eng.: Michael Rodtang	**Test Pit No.:** THGLTA 017
Location: LF05, Test Pit #7	**Approx. Elev.:** 618.44
Equipment Used: Backhoe	**Pit Dimensions:**

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		Surgical tubing < 0 5' bgs Same fill cap 7 5 YR 5/6 Soda cans, plastic trash bags		017-01 (2- 5)
2				
3		Same materials PID = 0 0 ppm		
4				
5		Lots of surgical tubing and common trash, oil filters, wood PID = 0 6ppm in soil and 0 0ppm in BZ		
6				
7		Same materials		
8				
9		Same materials Large syringe at 10'		
10				
11		Clean 10 YR 7/6 yellow brown fine sand, dry PID = 2 8 ppm in headspace		
12				017-02 (12-12 5)
13				
14				
15				

HYDRO GeoLogic INC

Test Pit Classification Log

Project Name: Carswell AFB, D O 2
Page 1 of 1
Project Number: AFC 001 0230
Date: 9/9/97
Field Geo./Eng.: Michael Rodtang
Test Pit No.: THGLTA 018
Location: LF05, Test Pit #8
Approx. Elev.: 615.19
Equipment Used: Backhoe
Pit Dimensions:

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		7 5 YR 4/3 brown silty clay, dry		018-01 (2- 5)
2				
3		Trash, soda cans, plastic, paper, hoses, wood, computer punch cards, surgical gloves (latex), IV tubing		
4				
5		Very compact trash, lots of paper, surgical gowns, rubber gloves PID= 4 9 ppm in soil		
6				
7		IV tubing w/ fluids still in tubing, white watery fluid, newspaper dated 01 Nov 1973, IV bottle intact w/ tubing		
8				
9		Same materials		
10				
11		Same materials		
12				
13		End of trench due to high winds blowing debris across site Still in trash		
14				
15				

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Test Pit Classification Log

Project Name: Carswell AFB, D.O 2	**Page** 1 of 1
Project Number: AFC 001 0230	**Date:** 9/9/97
Field Geo./Eng.: Michael Rodtang	**Test Pit No.:** THGLTA 019
Location: LF05, Test Pit #9	**Approx. Elev.:** 610.86
Equipment Used: Backhoe	**Pit Dimensions:** 10' x 2' x 11' = 220'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		7 5 YR 4/3 brown silty clay, dry		019-01 (2- 5)
2				
3		Waste at 3' - plastic bags, little paper PID= 7 4ppm in soil and 0ppm in BZ		
4				
5		Same as above		
6				
7		Surgical mask, empty oil cans PID= 34ppm in soil		
8				
9		Same materials		
10				
11		Baby bottles, soda cans with original color (red, green, etc), syringes Sampled at 11' bgs		019-02 (10 5-11)
12				
13				
14				
15				

HYDRO GeoLogic INC

Test Pit Classification Log

Project Name: Carswell AFB, D O.2
Page 1 of 1
Project Number: AFC 001 0230
Date: 9/9/97
Field Geo./Eng.: Michael Rodtang
Test Pit No.: THGLTA 020
Location: LF05, Test Pit #10
Approx. Elev.: 609.97
Equipment Used: Backhoe
Pit Dimensions:

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		7 5 YR 4/3 brown silty clay, dry PID = 0 0ppm in soil Trash around 1 5', PID= 2 7ppm in soil		020-01 (2- 5)
2				
3		Baby bottles (>50), plastic bags, wood 0 0ppm in BZ		
4				
5		Same as above 0 0ppm in BZ		
6				
7		Same as above		
8				
9		Same as above		
10				
11		Same as above		
12				020-02 (12 5-13)
13		Virgin soil at 13'		
14				
15				

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Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-5

Borehole ID: BHGLTA504

Date: 5/14/98

Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Silty Clay*** 7 5YR 4/3 brown silty clay with limestone pebbles Fill limestone at top of section	-1	CL	25%			
2		***No Recovery***	-2 6					
3		***Silty Clay*** 7 5YR 4/3 silty clay with pebbles mixed with 7 5YR 4/3 fine sandy clay Landfill materials intermixed with soils cotton balls, newspapers, plastic/styrofoam objects, medical waste		CL	15%			Begin landfill material
4								
5			-5 4					
6		***No Recovery***						Rock stuck between 4 and 7'
7			-7					
8		***Sandy Clay*** 10YR 5/2 fine sandy clay with 2mm limestone nodules, red chert, and pebbles Some cotton balls	-8	CL				
		No Recovery	-8 6					
9		***Sandy Clay*** 10YR 4/4 fine sandy clay intermixed with landfill materials glass shards, medical waste, paper and plastic objects	-9 4	CL				Water at 9 5' bgs
10			-10	SM		wet		End of boring 10' bgs
11		***Sand*** 7 5YR 6/2 pinkish gray sand, fine to medium grained, and 7 5YR 6/4 sand, fine grained with silt and gravel (1/2 to 1/4") 40%						
12								
13								
14								
15								
16								

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 10'

Sheet 1 of 1

HYDRO GeoLogic INC.

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-5

Borehole ID: BHGLTA505

Date: 5/18/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1 2 3 4 5 6 7 8 9 10		***Silty Clay*** 7 5YR 4/6 strong brown silty clay with trace of calcareous nodules, high plasticity, stiff, moderately sorted Calcareous nodules increase to 15-20% with depth	-10	CL		damp		Collected VOC sample from 3 5 - 4 0' Collected VOC sample from 9 0 - 9 5'
11 12 13		***Sandy Silt*** 10YR 6/6 brownish yellow sandy silt (very fine sand), low plasticity, well sorted, firm Increase in sand at 12 5' bgs	-13	ML		moist		
14 15 16		***Sand*** 2 5YR 8/4 pale yellow sand, medium grained, well sorted, loose Increase in grain size with depth		SP				Collected VOC sample from 15 0 - 15 5'

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 22'

Sheet. 1 of 2

HYDRO GeoLogic INC

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-5

Borehole ID: BHGLTA505

Date: 5/18/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17						damp		
18								
			-19					Collected VOC sample from 18 5 - 19 0'
19		***Sand*** 2 5YR 7/4 pale yellow sand, medium to coarse grained, well sorted, loose						
20				SP		wet		
21								Water at 21 5' bgs
			-22					
22								End of boring 22' bgs
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Drilled By PSI

Drill Method. DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 22'

Sheet. 2 of 2

HydroGeoLogic INC.

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-5

Borehole ID: BHGLTA506

Date: 5/13/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Organic Material Grass and roots at surface	-1	PT				
1		***Silty Clay*** 7 5YR 3/2 dark brown silty clay, high plasticity, stiff, moderately sorted	-4	CH	75%	damp		
2								
3								
4		***Sandy Clay*** 10YR 6/4 light yellowish brown sandy clay, high plasticity, stiff, well to moderately sorted	-7	CH	80%	damp		Collected sample BHGLTA506-02 plus Dup01
5								
6								
7		***Sandy Clay*** 10YR 5/6 yellowish brown gravelly sandy clay, high plasticity, stiff, poorly sorted	-10	CH	70%	damp		
8								
9								
10		***Sand*** 2 5YR 7/3 pale yellow sand, medium grained, well sorted, loose	-13	SP	75%	damp		Collected sample BHGLTA506-03
11								
12								
13		***Sand*** 10YR 5/8 yellowish brown sand, coarse grained, well to moderately sorted, loose Some gravel	-16	SP	75%	wet		Water at 15 0' bgs
14								
15								
16								End of boring 16' bgs

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 16'

Sheet 1 of 1

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HYDRO GeoLogic INC

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-5

Borehole ID: BHGLTA507

Date: 5/13/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Organic Material Grass and roots at surface	-1	PT				
1		***Silty Clay*** 7 5YR 6/6 reddish yellow silty clay, moderate to high plasticity, moderately graded	-4	CL	75%	damp		
2								
3								
4		***Sandy Clay*** 10YR 6/4 light yellowish brown, moderate plasticity, moderately graded	-7	CL	75%	damp		Collected sample BHGLTA507-02 from 3 5 - 6 5'
5								
6								
7		***Gravelly Clay*** 10YR 5/8 yellowish brown gravelly clay, moderate plasticity, well graded	-9 5	CL	50%	damp		
8								
9								
10		***Sand*** 2 5YR 7/3 pale yellow sand, medium grained, well sorted, loose	-13	SP	75%	moist		Water at 12 0' bgs
11								
12								
13								End of boring 13' bgs
14								
15								
16								

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size· 2"

Total Depth Drilled 13'

Sheet 1 of 1

HydroGeoLogic INC.

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-5

Borehole ID: BHGLTA508

Date: 5/13/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Organic Material Grass and roots at surface	-1	PT				
1		***Sandy Clay*** 10YR 4/6 dark yellowish brown sandy clay, moderate plasticity, moderately graded	-4	CL	75%	damp		Plastic debris at 1 5'
4		***Clay and Debris*** Sample is mostly landfill debris (newspaper, plastic bags, bottle shards) with some clay	-7	CL	50%			Collected sample BHGLTA508-02 from 3 5 - 6 5' Landfill material newspaper and cardboard debris
7		***Sandy Clay*** 10YR 5/6 yellowish brown sandy clay, high plasticity, poorly sorted with some gravel	-10	CH	50%			Plastic debris in sample ring
10		***Gravelly Clay*** 10YR 5/6 yellowish brown gravelly clay, high plasticity, stiff, poorly sorted	-12	CH				Collected sample BHGLTA508-03 from 8 5 - 11 5'
12		***Sand*** 10YR 7/4 very pale brown sand, medium grained, well sorted, loose	-13	SW				Water at 13' End of boring 13' bgs
13								
14								
15								
16								

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 13'

Sheet. 1 of 1

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HYDRO GeoLogic INC.

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-5

Borehole ID: BHGLTA509

Date: 5/15/98

Geologist: Brad Nielsen/M Johnston

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1, 2, 3		***Sandy Silty Clay*** 2 5Y 8/1 white sandy clay (top 6"), mediu grain with 15% small gravel, becoming 10YR 4/4 dark yellowish brown silty clay with fine to medium sand and 30% small gravel	-3	CL	20%	damp		
4, 5, 6, 7		***Silty Clay*** 10YR 4/4 dark yellowish brown silty clay with fine to medium sand and small gravel Landfill debris (wood, plastic, styrofoam) at base of section	-7	CL	30%	damp		Collected VOC sample from 4 0 - 4 5' Landfill material
8, 9, 10		***Sandy Clay*** 7 5YR 4/4 brown sandy clay with 30% small gravel and a few small pieces of plastic	-10	CL	15%	damp		Collected sample at 0943
11, 12, 13		***Sand*** 7 5YR 7/6 reddish yellow fine to medium sand, grading to all medium at base, well sorted Some plastic debris			15%	damp		
14, 15, 16				SP	20%	damp		

Drilled By PSI

Drill Method· DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size. 2"

Total Depth Drilled. 22'

Sheet 1 of 2

HydroGeoLogic INC

Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-5

Borehole ID: BHGLTA509

Date: 5/15/98

Geologist: Brad Nielsen/M Johnston

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17								
18					10%	damp		
19			-19					
20		***Sand*** 10YR 6/6 brownish yellow medium sand with up to 5% gravel						Capillary fringe at 20 0' bgs
21				SP	25%	wet		Water at 21 5'
22			-22					End of boring 22' bgs
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 22'

Sheet 2 of 2

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HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-5

Borehole ID: BHGLTA511

Date: 10/8/99
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1								
2		*Blind Probe* Blind probe to 4' bgs						
3								
4			-4					
5		*Silt* 7 5YR 5/6 strong brown silt with angular gravel 5-30mm (5%)				dry	1 0	Collected BHGLTA511-02 at 0850 for (SVOCs, VOCs, and Lead)
6			-6					
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Drilled By TEG
Drill Method: DPT
Drilling Equipment: Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size: 2"
Total Depth Drilled 6'
Sheet: 1 of 1

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Project No: AFC001-023E

Project: NAS FTW Landfill RFI

Client: AFCEE

Location: LF-5

Borehole ID: BHGLTA512

Date: 3/10/00

Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1								
2								
3								
4								
5								
6								
7		***Blind Probe*** Blind Probe to 14' bgs						
8								
9								
10								
11								
12								
13								
14			-14					
15		***Sand*** 10YR 7/4 very pale brown well sorted fine to medium sand	-16	SP		damp		Sample collected for o,o,o-TEPT at 15' interval
16								

Drilled By ESN

Drill Method DPT

Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 16'

Sheet 1 of 1

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HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-5

Borehole ID: BHGLTA513

Date: 3/10/00
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			Remarks
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	
1								
2								
3								
4								
5								
6								
7		***Blind Probe*** Blind Probe to 14' bgs						
8								
9								
10								
11								
12								
13								
14			-14					
15		***Sand*** 7 5YR 5/6 strong brown medium to coarse sand, well sorted	-16	SP	100%	damp	0 0	Sample collected at 15' bgs for o,o,o-TEPT, No odor
16								

Drilled By: ESN

Drill Method. DPT

Drilling Equipment: Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 16'

Sheet 1 of 1

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HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-5

Borehole ID: BHGLTA514
Date: 3/10/00
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1								
2								
3								
4								
5								
6								
7		*Blind Probe* Blind Probe to 14' bgs						
8								
9								
10								
11								
12								
13								
14			-14					
15		*Sand* 10YR 7/4 very pale brown well sorted fine to medium sand	-16	SP		damp	0.0	Sample collected at 14-16' interval for o,o,o-TEPT
16								

Drilled By: ESN
Drill Method DPT
Drilling Equipment: Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size: 2"
Total Depth Drilled. 16'
Sheet 1 of 1

SWMU 24 (WASTE BURIAL AREA 7)

HYDRO GeoLogic INC.

Boring Log

676 58

Project No: AFC001-023E
Project Name: NAS Fort Worth JRB
Site Name: WP-07
Drilling Company: Dixie Drilling
AFIID: CRSWL
LTCCODE: BH
ESCCODE: HGL

LOCID: BHGLTA001
Date, Time Drilling Started: 8/26/97, 0800
Date, Time, Total Depth Reached: 8/26/97, 22'
Total Drilled Depth: 22 ft bgs
Hydrogeologist: M Rodtang
Water Level (bgs): 21 5'
Site ID: WP-07

Depth	Description	Depth/Elev.	Recovery	ASTMCODE	Sample Number	N Value	Remarks
1	Dark brown loam with grass roots, dry	2	6"		001-01	19	Soil 0ppm, BZ 0ppm
2		618					
3	Dark brown silt, no roots, dry	4	6"		N/A	19	Soil 0 2ppm, BZ 0ppm
4		616					
5	Dark brown silt, moist	6	18"		N/A	36	Soil 0 2ppm, BZ 0ppm
6		614					
7	6-7 5 white coarse, angular quartz w/ fine sandy silt, 7 5-8 reddish brown silt, moist	8	24"		N/A	33	Soil 0 3ppm, BZ 0ppm
8		612					
9	Reddish brown silt, moist	10	18"		N/A	32	Soil 0ppm, BZ 0ppm
10		610					
11	10-11 5 Medium brown silt, moist, 11 5-12 well sorted medium sand, moist	12	24"	SW	N/A	26	Soil 0ppm, BZ 0ppm
12		608					
13	Yellowish brown well sorted sand, moist	14	24"	SW	N/A	20	Soil 0ppm, BZ 0ppm
14		606					
15	14-15 5 Same, 15 5-16 Coarse angular gravely sand, moist	16	24"	SW	N/A	32	Soil 0 2ppm, BZ 0ppm
16		604					
17	White well sorted fine sand, moist	18	24"	SW	N/A	47	Soil 0 6ppm, BZ 0ppm
18		602					
19	White yellow well sorted sand, moist	20	24"	SW	N/A	51	Soil 4 3ppm, BZ 0ppm
20		600					
21	White yellow well sorted sand, wet	22	24"		001-02	48	Soil 23 5ppm, BZ 0 3ppm
22		598					End of boring
23							
24							

Drilled By: Chuck Delisi
Drill Method: HSA
Drilling Equipment: D-120
Type of Sampling Device: 24" x 2" Split Spoon

Borehole Diameter: 4 1/4" ID, 8 1/4" OD
WELCODE: USAF **GFCCODE:** C
GZCCODE: W **SAQCODE:** TA

HYDRO GeoLogic INC

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Boring Log

Project No: AFC001-023E
Project Name: NAS Fort Worth JRB
Site Name: WP-07
Drilling Company: Dixie Drilling
AFIID: CRSWL
LTCCODE: BH
ESCCODE. HGL

LOCID: BHGLTA002
Date, Time Drilling Started: 8/26/97, 1000
Date, Time, Total Depth Reached: 8/26/97, 1150, 24'
Total Drilled Depth: 24 ft bgs
Hydrogeologist: M Rodtang
Water Level (bgs): 23'
Site ID: WP-07

Depth	Description	Depth/Elev.	Recovery	ASTMCODE	Sample Number	N Value	Remarks
1	10 YR 3/3 Dark brown silt, dry	2	24"		002-01	18	Soil 0ppm, BZ 0ppm
2		619					
3	Same	4			N/A	45	Soil 1 0ppm, BZ 0ppm
4		617					
5	Same	6	18"		N/A	47	Soil 0 4ppm, BZ 0ppm
6		615					
7	Mottled white fine sandy silt with angular quartz gravel, dry	8	12"		N/A	26	Soil 0 5ppm, BZ 0ppm
8		613					
9	8-8 25' Mottled white fine sandy silt 8 25-9 0' . Medium brown silt, dry	10	24"		N/A	18	Soil 4 0ppm, BZ 0 2ppm
10		611					
11	Yellowish brown well sorted sand with a few well rounded quartz gravel grains, moist	12	24"	SW	N/A	22	Soil 4 2ppm, BZ 0ppm
12		609					
13	Yellowish brown well sorted sand, moist	14	24"	SW	N/A	26	Soil 4 1ppm, BZ 0ppm
14		607					
15	Same	16	24"	SW	N/A	42	Soil 4 2ppm, BZ 0ppm
16		605					
17	Same	18	24"	SW	N/A	29	Soil 1 7ppm, BZ 0ppm
18		603					
19	Same	20	24"	SW	N/A	32	Soil 7 5ppm, BZ 0ppm
20		601					
21	Same	22	24"	SW	N/A	49	Soil 14 5ppm
22		599					
23	Same, wet at 23'	24	24"	SW	002-02	49	Soil 8 1ppm
24		597					End of boring

Drilled By: Chuck Delisi
Drill Method: HSA
Drilling Equipment: D-120
Type of Sampling Device: 24" x 2" Split Spoon

Borehole Diameter: 4 1/4" ID, 8 1/4" OD
WELCODE: USAF **GFCCODE:** C
GZCCODE: W **SAQCODE:** TA

HYDRO GeoLogic INC

Boring Log

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Project No: AFC001-023E
Project Name: NAS Fort Worth JRB
Site Name: WP-07
Drilling Company. Dixie Drilling
AFIID: CRSWL
LTCCODE: BH
ESCCODE: HGL

LOCID: BHGLTA003
Date, Time Drilling Started: 8/26/97, 1320
Date, Time, Total Depth Reached: 8/26/97, 1435, 26'
Total Drilled Depth: 26 ft bgs
Hydrogeologist: M Rodtang
Water Level (bgs): 24 5'
Site ID: WP-07

Depth	Description	Depth/Elev.	Recovery	ASTMCODE	Sample Number	N Value	Remarks
1	10 YR 3/3 Dark brown fill	2	12"		003-01	22	Soil 0ppm, BZ 0ppm
2		620					
3	10 YR 7/1 Very pale orange silty fill material with angular quartz fragments, dry	4	14"	GM	N/A	40	Soil 0ppm, BZ 0ppm
4		618					
5	Same fill material, 10 YR 7/1	6	10"	GM	N/A	50-Ref	Soil 0ppm, BZ 0ppm
6		616					
7	6-7' Same fill material, 10 YR 7/1 7-8' 10 YR 4/4 Light brown silty sand, moist	8	20"	SM	N/A	16	Soil 2 4ppm, BZ 0ppm
8		614					
9	10 YR 5/4 Yellow brown very fine sand/silt, moist	10	20"	HL	N/A	19	Soil 23 8ppm, BZ 0 2ppm
10		612					
11	Same	12	25"	ML	N/A	20	Soil 27 8ppm, BZ 0ppm
12		610					
13	10 YR 8/6 Yellow orange fine sand, little or no silt, moist	14	25"	SW	N/A	26	Soil 24 8ppm, BZ 0ppm
14		608					
15	10 YR 8/6 Yellow orange fine sand, little to no silt, moist	16	15"	SW	N/A	33	Soil 33 0ppm, BZ 0ppm
16		606					
17	Same	18	24"	SW	N/A	40	Soil 28ppm, BZ 0ppm
18		604					
19	Same	20	24"	SW	003-02	34	Soil 45 0ppm, BZ 0ppm
20		602					
21	Same	22	24"	SW	N/A	39	Soil 14 0ppm, BZ 0ppm
22		600					
23	Same	24	24"	SW	N/A	50	Soil 9 0ppm, BZ 0ppm
24		598					
25	Same, wet at 24 5'	26	24"	SW	N/A	62	Soil 0ppm, BZ 0ppm
26		596					End of boring

Drilled By: Chuck Delisi
Drill Method: HSA
Drilling Equipment: D-120
Type of Sampling Device: 24" x 2" Split Spoon

Borehole Diameter: 4 1/4" ID, 8 /4" OD
WELCODE: USAF **GFCCODE:** C
GZCCODE: W **SAQCODE:** TA

HYDRO GeoLogic INC. 676 61

Boring Log

Project No: AFC001-023E
Project Name: NAS Fort Worth JRB
Site Name: WP-07
Drilling Company: Dixie Drilling
AFIID: CRSWL
LTCCODE: BH
ESCCODE: HGL

LOCID: BHGLTA004
Date, Time Drilling Started: 8/26/97, 1500
Date, Time, Total Depth Reached: 8/26/97, 1635, 26'
Total Drilled Depth: 26 ft bgs
Hydrogeologist: M Rodtang
Water Level (bgs): 25 5'
Site ID: WP-07

Depth	Description	Depth/Elev.	Recovery	ASTMCODE	Sample Number	N Value	Remarks
1	10 YR 3/2 Dark brown fine sandy silt, dry	2	14"	SM	004-01	14	Soil 0ppm, BZ 0ppm
2		621					
3	Same	4	14"	SM	N/A	22	Soil 0ppm, BZ 0ppm
4		619					
5	10 YR 3/3 Light brown fine sandy silt with subangular quartz gravel, dry	6	14"	SM	N/A	31	Soil 0 2ppm, BZ 0ppm
6		617					
7	5 YR 5/6 Light brown slightly silty clay, moist	8	17"	OL	N/A	12	Soil 7 4ppm, BZ 0ppm
8		615					
9	5 YR 5/6 Mottled light brown slightly sandy silty clay with white silt, moist	10	14"	OL	N/A	21	Soil 8 9ppm, BZ 0ppm
10		613					
11	10 YR 7/8 Yellow orange fine sand, dry	12	18"	SW	N/A	22	Soil 12 4ppm, BZ 0ppm
12		611					
13	Same, 10 YR 7/8, moist	14	20"	SW	N/A	15	Soil 27 5ppm, BZ 0ppm
14		609					
15	Same	16	20"	SW	N/A	23	Soil 24 3ppm, BZ 0ppm
16		607					
17	Same	18	18"	SW	N/A	24	Soil 96ppm, BZ 0ppm
18		605					
19	Same	20	24"	SW	N/A	21	Soil 102 2ppm, BZ 0ppm
20		603					
21	10 YR 6/6 Dark yellow orange fine sand, moist 2" layer of white clay at 21 5'	22	24"	SW	N/A	41	Soil 7 5ppm, BZ 0ppm
22		601					
23	Yellow orange fine sand, moist/wet	24	24"	SW	N/A	51	Soil 0ppm, BZ 0ppm
24		599					
25	5 Y 7/6 Moderate yellow fine sand, moist/wet, no odor Water at 25 5'	26	24"	SW	N/A	53	Soil 11 3ppm
26		597					End of boring

Drilled By: Chuck Delisi

Drill Method: HSA
Drilling Equipment: D-120
Type of Sampling Device: 24" x 2" Split Spoon

Borehole Diameter: 4 1/4" ID, 8 1/4" OD
WELCODE: USAF **GFCCODE:** C
GZCCODE: W **SAQCODE:** TA

HYDRO GeoLogic INC

Boring Log

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Project No: AFC001-023E
Project Name: NAS Fort Worth JRB
Site Name: WP-07
Drilling Company: Dixie Drilling
AFIID: CRSWL
LTCCODE: BH
ESCCODE: HGL

LOCID: BHGLTA005
Date, Time Drilling Started: 8/27/97, 0750
Date, Time, Total Depth Reached: 8/27/97, 0855, 24'
Total Drilled Depth: 24 ft bgs
Hydrogeologist: M Rodtang
Water Level (bgs): 24'
Site ID: WP-07

Depth	Description	Depth/Elev.	Recovery	ASTMCODE	Sample Number	N Value	Remarks
1	10 YR 4/2 Dark yellow brown dry, some angular quartz gravel	2	12 5"	SM	005-01	14	Soil 1 7ppm, BZ 0ppm
2		620					
3	10 YR 4/2 Dark yellow brown dry, some angular quartz gravel	4	18"	SM	N/A	14	Soil 0 2ppm, BZ 0ppm
4		618					
5	Same	6	15"	SM	N/A	33	Soil 0 0ppm, BZ 0ppm
6		616					
7	Mottled white and brown fine sandy silt, moist	8	20"	SC	N/A	29	Soil 5 3ppm, BZ 0ppm
8		614					
9	Same to 9' From 9 0-9 5' Light brown very fine sand, moist	10	18"	SW	N/A	42	Soil 0ppm, BZ 0ppm
10		612					
11	Same	12	18"	SW	N/A	18	Soil 33 3ppm, BZ 0ppm
12		610					
13	Same	14	16"	SW	N/A	22	Soil 85ppm, BZ 0ppm
14		608					
15	Same with some clay nodules	16	16"	SW/SC	N/A	24	Soil 68 0ppm, BZ 0ppm
16		606					
17	Light brown very fine sand, moist	18	18"	SW	N/A	49	Soil 60 0ppm, BZ 0ppm
18		604					
19	Same	20	24"	SW	N/A	44	Soil 67 0ppm, BZ 0ppm
20		602					
21	Same, slightly moist	22	24"	SW	N/A	46	Soil 66 0ppm, BZ 0ppm
22		600					
23	Same, moist/wet	24	24"	SW	N/A	38	BZ 0ppm
24		598					
25	Same, wet	26	24"	SW	N/A	27	BZ 0ppm
26		596					End of boring

Drilled By: Chuck Delisi
Drill Method: HSA
Drilling Equipment: D-120
Type of Sampling Device: 24" x 2" Split Spoon

Borehole Diameter: 4 1/4" ID, 8 1/4" OD
WELCODE: USAF **GFCCODE:** C
GZCCODE: W **SAQCODE:** TA

HYDRO GeoLogic INC. 676 63

Boring Log

Project No: AFC001-023E	**LOCID:** BHGLTA006
Project Name: NAS Fort Worth JRB	**Date, Time Drilling Started:** 8/27/97, 0930
Site Name: WP-07	**Date, Time, Total Depth Reached:** 8/27/97, 1050, 24'
Drilling Company: Dixie Drilling	**Total Drilled Depth:** 24 ft bgs
AFIID: CRSWL	**Hydrogeologist:** M Rodtang
LTCCODE: BH	**Water Level (bgs):**
ESCCODE: HGL	**Site ID:** WP-07

Depth	Description	Depth/Elev.	Recovery	ASTMCODE	Sample Number	N Value	Remarks
1	10 YR 6/6 Dark brown sandy silt, dry	2	12"	SM	006-01	14	Soil 0ppm, BZ 0ppm
2		621					
3	5 YR 3/4 Moderate brown sandy silt, dry	4	24"	SM	N/A	24	Soil 1 1ppm, BZ 0ppm
4		619					
5	Same from 4-5', Mottled white and brown fine sandy silt with concrete fill/ rubble, dry	6	24"	SM	N/A	66	Soil 0 0ppm, BZ 0ppm
6		617					
7	Drilled through concrete/ rubble from 6-8'	8	No Rec		N/A		No recovery, BZ 0ppm
8		615					
9	Light brown very fine sand, moist	10	18"	SW	N/A	41	Soil 3 9ppm, BZ 0ppm
10		613					
11	Light brown very fine sand, moist	12	24"	SW	N/A	41	Soil 21 3ppm, BZ 0ppm
12		611					
13	Same from 12-12 8', Dry angular quartz gravel from 12 8-13 3'	14	16"	SW/GW	N/A	45	Soil 3 8ppm, BZ 0ppm
14		609					
15	Light brown very fine sand, moist	16	24"	SW	N/A	52	Soil 36 3ppm, BZ 0ppm
16		607					
17	Same	18	24"	SW	N/A	49	Soil 24 7ppm, BZ 0ppm
18		605					
19	Same	20	24"	SW	N/A	39	Soil 5 8ppm, BZ 0ppm
20		603					
21	Same	22	24"	SW	N/A	26	BZ 0ppm
22		601					
23	Same	24	24"	SW	N/A	56	BZ 0ppm
24		599					End of boring
25							
26							

Drilled By: Chuck Delisi	
Drill Method: HSA	**Borehole Diameter:** 4 1/4" ID, 8 1/4" OD
Drilling Equipment: D-120	**WELCODE:** USAF **GFCCODE:** C
Type of Sampling Device: 24" x 2" Split Spoon	**GZCCODE:** W **SAQCODE:** TA

HYDRO GeoLogic INC.

Boring Log

Project No: AFC001-023E
Project Name. NAS Fort Worth JRB
Site Name: WP-07
Drilling Company: Dixie Drilling
AFIID: CRSWL
LTCCODE: BH
ESCCODE: HGL

LOCID: BHGLTA007
Date, Time Drilling Started: 8/27/97, 1135
Date, Time, Total Depth Reached: 8/27/97, 1245, 24'
Total Drilled Depth: 24 ft bgs
Hydrogeologist: M Rodtang
Water Level (bgs): 24'
Site ID: WP-07

Depth	Description	Depth/Elev.	Recovery	ASTMCODE	Sample Number	N Value	Remarks
1	Dark brown silty sandy mix, dry	2	24"	SM	007-01	16	BZ 0ppm
2		621					
3	Dark brown silty sandy clay mix, moist	4	18"	SC	N/A	30	BZ 0ppm
4		619					
5	Mottled white-brown sandy silt with some medium sand, well grounded grains, dry	6	12"	SC	N/A	51	Soil 0 7ppm, BZ 0ppm
6		617					
7	Same, white silt becoming dominant, slightly moist	8	12"	SC	N/A	25	Soil 0ppm, BZ 0ppm
8		615					
9	Same, becoming slightly more cohesive	10	24"	SC	N/A	29	Soil 7 2ppm, BZ 0ppm
10		613					
11	Light brown very fine sand, slightly moist	12	15"	SW	N/A	26	Soil 4 9ppm, BZ 0ppm
12		611					
13	Same	14	15	SW	N/A	31	Soil 101 2ppm, BZ 0ppm
14		609					
15	Same	16	15"	SW	N/A	34	Soil 7 9ppm, BZ 0ppm
16		607					
17	Same	18	20"	SW	N/A	35	Soil 19 3ppm, BZ 0ppm
18		605					
19	Same	20	24"	SW	N/A	44	Soil 9 6ppm, BZ 0ppm
20		603					
21	Same	22	24"	SW	N/A	52	Soil 31 5ppm, BZ 0ppm
22		601					
23	Same, wet at 24'	24	24"	SW	N/A	64	Soil 3 8ppm
24		599					End of boring
25							
26							

Drilled By: Chuck Delisi
Drill Method: HSA
Drilling Equipment: D-120
Type of Sampling Device: 24" x 2" Split Spoon

Borehole Diameter: 4 1/4" ID, 8 1/4" OD
WELCODE: USAF **GFCCODE:** C
GZCCODE: W **SAQCODE:** TA

HYDRO GeoLogic INC. 676 65

Boring Log

Project No: AFC001-023E
Project Name: NAS Fort Worth JRB
Site Name: WP-07
Drilling Company: Dixie Drilling
AFIID: CRSWL
LTCCODE: BH
ESCCODE: HGL

LOCID: BHGLTA008
Date, Time Drilling Started: 8/22/97, 0800
Date, Time, Total Depth Reached: 8/22/97, 1000, 9'
Total Drilled Depth: 9 ft bgs
Hydrogeologist: Costello
Water Level (bgs):
Site ID: WP-07

Depth	Description	Depth/Elev.	Recovery	ASTMCODE	Sample Number	N Value	Remarks
1	10 YR 3/4 silty clay fill, organic soil matter	2		SP	N/A		0-1' 4ppm
2		592					1-2' 5 3ppm
3	10 YR 4/4 silty clayey fill with rock fragments			SP	N/A		2-3' 3 6ppm
4		5					3-4' 4 2ppm
5		589		CL	N/A		5-6' 1 4ppm
6	Dark brown to black clay with a few rock fragments	6					
7		588		CL	N/A		7-9' 4 0ppm
8	Tan/brown clay with rock fragments	8					
9	Shale with limestone mix	586 9			N/A		Groundwater not encountered
10		585					Bedrock confirmed by continuing to auger
11							
12							Well plugged as a dry hole and recorded as a boring
13							
14							Abandoned in place with 100% bentonite
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Drilled By: Chuck Delisi
Drill Method: HSA
Drilling Equipment: D-120
Type of Sampling Device: HSA with continuous spoon

Borehole Diameter: 8 1/2" OD
WELCODE: USAF **GFCCODE:** C
GZCCODE: W **SAQCODE:** TA

HydroGeoLogic INC.

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA071*

Date: 5/28/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Surface soils***	619 9	PT				* The boring identification number in ERPIMS is BHGLTA041
2, 3, 4		***Silty Clay*** 7 5YR 3/4 dark brown silty clay, high plasticity, very stiff, moderately sorted	616 9	MH	15%	dry		
5, 6, 7		***Gravelly Clay*** 7 5YR 4/6 strong brown gravelly clay, high plasticity, stiff, poorly sorted	613 9	GC		damp		
8, 9		***Sandy Clay*** 7 5YR 4/6 strong brown sandy clay with trace of gravel, moderate plasticity, firm, poorly sorted	611 9	CL		damp		
10		***Silty Sand*** 7 5YR 7/6 reddish yellow silty sand, loose, low plasticity, well sorted, very fine grained	610 9	SP		moist		
11, 12, 13		***Sand*** 7 5YR 7/6 reddish yellow sand, loose, well sorted, medium grained	607 9	SP		moist		
14, 15, 16						damp		

Drilled By. PSI

Drill Method DPT

Drilling Equipment· XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5"

Total Depth Drilled 25'

Sheet 1 of 2

676 67

Project No: AFC001-023E

Borehole ID: BHGLTA071*

Project: NAS FW Landfill RFI

Date: 5/28/98

Client: AFCEE

Geologist: Brad Nielsen

Location: WP-7

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Sand*** 10YR 6/8 brownish yellow sand, loose, medium grained (becoming coarser with depth), well sorted		SP		damp		
18								
19								
20						damp		
21								
22			598 9					
23		***Sand*** 7 5YR 7/6 reddish yellow sand, loose, medium to coarse grained with trace of gravel, poorly sorted		SW		wet		Water at 23 0' bgs
24								
25			595 9					End of boring 25' bgs
26								
27								
28								
29								
30								
31								
32								

Drilled By. PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5"

Total Depth Drilled 25'

Sheet 2 of 2

HYDRO GeoLogic INC

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA072*

Date: 5/27/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Surface soils	622 17	PT				
1–4		***Silty Clay*** 7 5YR 3/4 dark brown silty clay with some calcareous nodules, high plasticity, stiff, moderately sorted	619 17	MH		damp		* The boring identification number in ERPIMS is BHGLTA042
4–7		***Silty Clay*** 7 5YR 5/6 strong brown silty clay with calcareous pockets, high plasticity, firm, moderately sorted	616 17	MH		damp		
7–10		***Silty Clay*** 7 5YR 5/6 strong brown silty clay with calcareous gravel, stiff, moderate to high plasticity, poorly sorted	613 17	MH		damp		
10–12		***Sandy Silt*** 7 5YR 5/6 strong brown sandy silt, moderate plasticity, firm, well sorted	610 47	ML		moist		Increase in sand with depth
12–16		***Sand*** 10YR 6/8 brownish yellow sand, loose, medium grained, well sorted Silt lenses at 15 - 16'	607 17	SP		damp		Becoming moist at 15-16'

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5"

Total Depth Drilled 25'

Sheet 1 of 2

676- 69

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA072*

Date: 5/27/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Sand*** 10YR 6/6 brownish yellow sand, loose, fine to medium grained, well sorted		SP		moist		
18								
19			604 17					
20		***Sand*** 10YR 6/6 brownish yellow sand, medium grained, loose, well sorted		SP		moist		
21								
22			601 17					
23		***Sand*** 10YR 7/8 yellow sand with some silt, loose, medium grained, well sorted		SP		wet		
24								Water at 24 7' bgs
25			598 17					End of boring 25' bgs
26								
27								
28								
29								
30								
31								
32								

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
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Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5"

Total Depth Drilled 25'

Sheet 2 of 2

HYDRO GeoLogic INC

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA073*

Date: 5/27/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Surface soils***	621 35	PT				
2, 3, 4		***Silty Clay*** 5YR 3/4 dark reddish brown silty clay with trace of gravel, high plasticity, very stiff, well sorted	618 35	MH		damp		* The boring identification number in ERPIMS is BHGLTA043 Gravelly at 3 5-4 0'
5, 6, 7		***Silty Sandy Clay*** 5YR 5/8 yellowish red silty sandy clay with some gravel, high to moderate plasticity, stiff, poorly sorted	615 35	GC		damp		
8, 9, 10, 11, 12, 13		***Silty Sand*** 7 5YR 6/8 reddish yellow silty sand with clay lenses below 10', low plasticity, firm, moderately sorted	609 35	SM		damp		
14, 15, 16		***Sand*** 10YR 7/8 yellow sand, loose, medium to fine grained, well sorted	606 35	SP		damp		

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 25'

Sheet 1 of 2

676271

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA073*

Date: 5/27/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Sand*** 10YR 7/6 yellow sand, loose, medium to coarse grained, well to moderately sorted						
18								
19				SP				
20								
21								
22			600 35					
23		***Sand*** 10YR 6/6 brownish yellow sand, loose, medium grained, well sorted		SP		wet		
24								Water at 24 5' bgs
25			597 35					End of boring 25' bgs
26								
27								
28								
29								
30								
31								
32								

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 25'

Sheet. 2 of 2

6763572

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA074*

Date: 5/27/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Surface soils	621 27	PT				
1		***Sandy Silty Clay*** 5YR 3/3 dark reddish brown sandy silty clay with trace of gravel, high plasticity, hard, moderately sorted						* The boring identification number in ERPIMS is BHGLTA044
2				CH		dry		
3								
4			618 27					
		Clay Clay with silty gravel, high plasticity						
5				CH				
6								
7			615 27					
		Gravelly Clay 7 5YR 4/6 strong brown gravelly clay, high plasticity, firm, poorly sorted Gravel is approx 0 5"						
8				GC		damp		
9								
10			611 77					
		Silt Silt, moderate plasticity, firm, well sorted	611 27	ML		wet		
11		***Sand*** 10YR 7/6 yellow sand, loose, medium to coarse grained, moderately sorted						Heavy iron staining from 11 0 - 11 5'
12								
13				SW		damp		
14								
15								
16			606 27					

Drilled By PSI

Drill Method DPT

Drilling Equipment. XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled. 25'

Sheet 1 of 2

:676 73

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA074*

Date: 5/27/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Sand*** 10YR 6/6 brownish yellow sand with trace of gravel, loose, fine to medium grained, well to moderately sorted	603 27	SP		damp		
18								
19		***Sand*** 10YR 8/6 yellow sand, loose, fine to medium grained, well sorted	600 27	SP		damp		
20								
21								
22		***Sand*** 10YR 7/6 yellow sand, loose, fine to medium grained, well sorted to very well sorted	597 27	SP		wet		Water at 24 5' bgs
23								
24								
25								End of boring 25' bgs
26								
27								
28								
29								
30								
31								
32								

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 25'

Sheet 2 of 2

HYDRO GeoLogic INC

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA075*

Date: 5/28/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Surface soils	621 04	PT				
1		***Silty Clay*** 7 5YR 3/4 dark brown silty clay with trace of gravel, moderate plasticity, hard, well sorted						The boring identification number in ERPIMS is BHGLTA045
2				CL		dry		Trace of sand and gravel
3								
4			618 04					
5		***Silty Clay*** 7 5YR 5/6 strong brown silty clay with gravel, moderate plasticity, hard, moderately sorted		CL		dry		
6			616 04					
7		***Gravelly Clay*** 7 5YR 5/8 strong brown gravelly clay, moderate plasticity, firm, poorly sorted	615 04	GC		damp		Gravel is angular limestone
8		***Gravelly Clay*** 7 5YR 4/6 strong brown gravelly clay, high plasticity, firm, poorly sorted				damp		
9				GC				
10								
11						damp		
12			610 04					
		Silt Silt, moderate plasticity, firm, well sorted	609 54	ML		v moist		
13		***Sand*** 7 5YR 5/8 strong brown sand, loose, very coarse grained, well sorted	609 04	SP		v moist		
14		***Sand*** Sand with some silty sand lenses, loose, medium to coarse grained, moderately sorted		SW		damp		
15								
16			606 04					

Drilled By PSI

Drill Method DPT

Drilling Equipment. XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5"

Total Depth Drilled 25'

Sheet. 1 of 2

676 1775

HYDRO GeoLogic INC.

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA075*

Date: 5/28/98

Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Sand*** 10YR 8/6 yellow sand with some clay lenses, loose, fine to medium grained, moderate to well sorted		SP		damp		
18			603 04					
19		***Sand*** 7 5YR 7/8 reddish yellow sand, loose, medium to coarse grained, well sorted						
20						damp		
21								
22				SP				
23						wet		
24								Water at 24 5' bgs
25			597 04					End of boring 25' bgs
26								
27								
28								
29								
30								
31								
32								

Drilled By PSI

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
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Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5"

Total Depth Drilled. 25'

Sheet 2 of 2

HYDRO GeoLogic INC.

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA076*

Date: 5/28/98

Geologist: Brad Nielson

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Surface soils	620 62	PT				
1–4		***Silty Clay*** 7 5YR 3/4 dark brown silty clay with trace of gravel, moderate plasticity, hard, well sorted	617 62	CL				The boring identification number in ERPIMS is BHGLTA046 Gravel is angular limestone
4–7		***Gravelly Clay*** Gravelly clay, high plasticity, stiff, poorly sorted	614 62	GC		damp		
7–9		***Gravelly Clay*** Gravelly clay, moderate plasticity, stiff, poorly sorted	612 62	GC		damp		Limestone gravel less frequent
9		***Silt*** Silt,,, moderate plasticity, firm	612 12	ML		wet		
10		***Sand*** 7 5YR 6/8 reddish yellow sand, loose, well sorted	611 62	SP		moist		
11		***Sandy Silt*** 7 5YR 6/8 reddish yellow sandy silt, moderate to low plasticity, firm, well sorted	610 12	ML		wet		
12–16		***Sand*** 7 5YR 7/6 reddish yellow sand, loose, medium to coarse grained, well sorted	605 62	SP		damp		

Drilled By Precision

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 25'

Sheet. 1 of 2

.676 .77

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA076*

Date: 5/28/98

Geologist: Brad Nielson

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Sand*** 7 5YR 8/4 pink sand, medium to coarse grained, well sorted		SP		v damp		
18								
19			602 62					
20		***Sand*** 10YR 7/4 very pale brown sand, loose, medium grained, well sorted		SP		moist		
21								
22								
23						wet		
24								Water at 24 0' bgs
25			596 62					
26								
27								
28								
29								
30								
31								
32								

Drilled By Precision

Drill Method DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size. 2"

Total Depth Drilled 25'

Sheet 2 of 2

676 .178

HydroGeoLogic INC

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA082

Date: 10/7/99

Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1 2 3 4		***Blind Probe*** Blind probe to 4' bgs	615 99					
5 6		***Clay*** 5YR 5/6 yellowish red hard poorly sorted clay with silt and fine sand	613 99	CL		dry		Collected BHGLTA082-02 at 0850 (VOCs only)
7 8 9		***Blind Probe*** Blind probe to 9' bgs	610 99					
10		***Clayey Silt*** Poorly sorted clayey silt with fine sand, 10YR 6/6 brownish yellow	609 99	ML		dry		Collected BHGLTA082-03 at 1415
11		***Clay*** 10YR 5/8 yellowish brown hard clay with silt and limestone gravel (20%), angular	608 99	CL				
12 13 14		***Blind Probe*** Blind probe to 14' bgs	605 99					
15		***Sand*** 7 5YR 6/8 reddish yellow well sorted fine sand with shell fragments	604 99	SP		dry		Collected BHGLTA082-04 at 1445
16		***Sand*** 7 5YR 8/3 pink fine sand, dry to damp, well sorted	603 99	SP		dry		

Drilled By TEG

Drill Method DPT

Drilling Equipment. Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 16'

Sheet 1 of 1

676 '79

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA083

Date: 10/7/99

Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1								
2								
3								
4		***Blind Probe*** Blind probe to 9' bgs						
5								
6								
7								
8								
9			612 82					
		Sandy Clay Mottled 10YR 8/2 very pale brown and 10YR 4/4 dark yellowish brown poorly sorted silty gravelly sandy clay with limestone gravel and chert	611 82	CL	100%	dry		Collected BHGLTA083-03 at 1515
10			610 82	SP		damp		
11		***Sand*** 10YR 7/3 very pale brown well sorted fine sand						
12								
13		***Blind Probe*** Blind probe to 14' bgs						
14			607 82					
15		***Sand*** 10YR 7/4 pale brown well sorted fine sand with 1% quartz gravel		SP		damp		Collected BHGLTA083-04 at 1530
16			605 82					

Drilled By TEG

Drill Method DPT

Drilling Equipment: Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 21'

Sheet 1 of 2

HydroGeoLogic INC.

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA083

Date: 10/7/99

Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Blind Probe*** Blind probe to 19' bgs						
18								
19			602 82					
20		***Sand*** 10YR 7/4 pale brown well sorted fine sand with 3% gravel Color change at 20" to 10YR 8/3 very pale brown well sorted fine sand, no gravel		SP				Collected BHGLTA083-05 at 1545
21			600 82					
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

Drilled By TEG

Drill Method DPT

Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size. 2"

Total Depth Drilled 21'

Sheet 2 of 2

676 -81

HYDRO GeoLogic INC

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA085

Date: 3/9/00

Geologist: *Robert Wallace*

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Silt 10YR 4/3 brown silt with fine gravel 2%, rounded	613 5	ML		dry		Collected sample for zinc
1								
2		***Blind probe*** Blind probe to 4' bgs						
3								
			610					
4		***Clay*** 10YR 4/4 dark yellowish brown soft clay	609 5	CL		moist		
5		***Clayey Silt*** 10YR 6/6 brownish yellow clayey silt with fine sand		ML	100%	dry		Collected sample for VOCs, PCE, and TCE at 5' bgs
6			608					
7		***Blind Probe*** Blind probe to 9' bgs						
8								
			605					
9								
10		***Sand*** 10YR 7/6 yellow well sorted fine sand		SP		damp		Collected sample for VOCs
			603					
11								
12								
13								
14								
15								
16								

Drilled By. ESN

Drill Method DPT

Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 11'

Sheet 1 of 1

HYDRO GeoLogic INC.

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA086

Date: 3/10/00

Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Sandy Clayey Silt 10YR 2/2 very dark brown poorly sorted fine sandy clayey silt	620 75	CL				Sample collected for metals
1								
2		***Blind Probe*** Blind probe to 4' bgs						
3								
4			617 25					
5		***Silt*** 7 5YR strong brown silt with 5% limestone gravel, 2-40mm		ML				Sample collected for metals at 5' bgs
6			615 25					
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Drilled By ESN

Drill Method DPT

Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 6'

Sheet 1 of 1

.676 ?'8-3

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA087

Date: 3/10/00

Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Silty Clay 10YR 3/4 dark yellowish brown silty clay, soft	622 5	CL		damp		Collected sample for metals
1								
2		***Blind Probe*** Blind probe to 4' bgs						
3								
4			619					
		Sandy Silt Mottled 10YR 8/1 white and 10YR 5/8 strong brown poorly sorted fine sandy silt with angular limestone gravel 15% 2-20mm and some rounded opaque brown quartz 5mm	617 5	GM		dry		Collected sample for metals at 5' bgs
5								
6		***Clay*** 7 5 YR 6/6 reddish yellow silty medium stiff clay with calcium banding	617	CL		damp		
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Drilled By ESN

Drill Method: DPT

Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled. 6'

Sheet 1 of 1

HYDRO GeoLogic INC

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA089

Date: 3/09/00

Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Silt 10YR 4/3 brown silt	624	ML		dry		Sample collected for metals
1								
2								
3								
4								
5		***Blind Probe*** Blind probe to 9' bgs						
6								
7								
8								
9			615 5					
10		***Sandy gravel*** Mottled 5YR 3/4 dark reddish brown, 10YR 5/6 strong brown, and 10YR 8/2 very pale brown poorly sorted clayey fine sandy gravel 50% Gravel is subangular to subrounded and rounded with some angular l		GM		damp		Sample collected at 10' for VOCs
11			613 5					
12		***Blind Probe*** Blind probe to 14' bgs						
13								
14			610 5					
15		***Sand*** 10YR 6/8 brownish yellow well sorted medium sand		SP		damp		Sample collected at 15' for VOCs
16			608 5					

Drilled By ESN

Drill Method DPT

Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 16'

Sheet 1 of 1

. '676'5 85

HydroGeoLogic INC.

Project No: AFC001-023E

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-7

Borehole ID: BHGLTA090

Date: 3/09/00

Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Silt 10YR 4/3 brown silt	621 6	ML		dry		Sample collected for metals
1 2 3 4		***Blind Probe*** Blind probe to 4' bgs	618 1					
5 6		***Silty, sandy, clayey gravel*** Mottled 10YR 8/2 very pale brown and 10YR 3/3 dark brown poorly sorted silty, fine sandy, clayey gravel 40% with angular 3-40mm limestone and subrounded quartz 2-5mm	616 1	GC		dry		Sample collected at 5'
7 8 9		***Blind Probe*** Blind probe to 9' bgs	613 1					
10		***Sandy Clay*** Mottled 7 5YR brown and 7 5YR 8/1 white poorly sorted silty, fine sandy clay with gravel 15% Gravel is angular limestone 5-20mm	611 6	CL		dry		Sample collected at 10'
11		***Silt*** 7 5YR brown well sorted silt	611 1	ML		damp		
12 13 14		***Blind Probe*** Blind probe to 14' bgs	608 1					
15 16		***Sand*** 10YR 7/4 very pale brown well sorted medium sand	606 1	SP		damp		Sample collected at 15'

Drilled By ESN

Drill Method DPT

Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 16'

Sheet 1 of 1

676 1 86

HYDRO GeoLogic INC

Project No: AFC001-024C

Borehole ID: DP 01

Project: NAS FW Landfill RFI

Date: 04/13/00

Client: AFCEE

Geologist: D Holman

Location: WP-07

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Silty Clay*** Brown silty clay with roots, moist						
2								
3			619 56					
4		***Clayey Silt*** Brown clayey silt with calcite-like material and rootlets, moist						
5								
6					33%			
7								
8								
9			613 56					
10								
11								
12								
13								
14								
15								
16								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 38 0'

Sheet 1 of 3

: 67615-87

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 01

Date: 04/13/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Sand*** Light tan to reddish brown sand, fine-grained, 1 0 - 2 5 *, moist						
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								Collected sample
28								WP07-DP01-50
29								from 27 0 - 29 0'
30								Saturated at 29'
31								
32								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 38 0'

Sheet 2 of 3

136765488

Project No: AFC001-024C

Borehole ID: DP 01

Project: NAS FW Landfill RFI

Date: 04/13/00

Client: AFCEE

Geologist: D Holman

Location: WP-07

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
			589 56					
33		***Blind Drive*** Pushed drive point to refusal at 38 ft						
34								
35								
36								
37								
			584 56					
38								TD at 38 0' bgs
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 38 0'

Sheet 3 of 3

676\689

Project No: AFC001-024C

Borehole ID: DP 02

Project: NAS FW Landfill RFI

Date: 04/19/00

Client: AFCEE

Geologist: D Holman

Location: WP-07

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Clayey Sand*** Reddish brown clayey fine sand	621 57		100%			
2		***Clayey Silt*** 5YR 3/3 reddish brown clayey silt, slightly moist	619 57		100%			
3 4 5		***Silty Clay*** 5YR 4/4 reddish brown silty clay with gravel	616 57		100%			
6 7 8 9		***Clay*** 5YR 4/4 reddish brown fine sandy clay with gravel, moist	613 57		100%			
10 11 12 13 14 15 16								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 38 0'

HYDRO GeoLogic INC.

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 02

Date: 04/19/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Blind Drive*** Push drive point to 27 feet						
18								
19								
20								
21								
22								
23								
24								
25								
26								
27			595 57					
28		***Sand*** 7 5YR 6/4 light brown sand, fine-grained, moist, saturated at 30 ft			100%			Collected sample WP07-DP02-50 from 28 to 30 ft
29								
30			592 57					Saturated at 30'
31								
32								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 38 0'

Sheet: 2 of 3

HYDRO GeoLogic INC.

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 02

Date: 04/19/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Blind Drive Pushed drive point to refusal at 38 ft						
33								
34								
35								
36								
37								
38			584 57					TD at 38 0' bgs
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 38 0'

Sheet. 3 of 3

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 03

Date: 04/19/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Clayey Sand*** Reddish brown clayey fine sand, some roots, moist	621 21			moist		
2		***Silty Clay*** Dark brown silty clay, few gravels, dry	619 21			dry		
3		***No Description***						
4								
5								
6								
7								
8								
9			613 21					
10								
11								
12								
13								
14								
15								
16								

Drilled By ESN

Drill Method DPT

Drilling Equipment. StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 37 0'

Sheet 1 of 3

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HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 03

Date: 04/19/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Blind Drive*** Push drive point to 27 feet						
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								Collected sample
28		***Sand*** 7 5YR 6/4 light brown sand, fine-grained, moist to saturated at 30 feet	594 21		100%	moist saturated		WP07-DP03-50 from 28 to 30 ft
29								
30								Saturated at 30'
31			591 21					
32								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 37 0'

Sheet 2 of 3

HYDRO GeoLogic INC.

Project No: AFC001-024C

Borehole ID: DP 03

Project: NAS FW Landfill RFI

Date: 04/19/00

Client: AFCEE

Geologist: D Holman

Location: WP-07

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Blind Drive Pushed drive point to refusal at 37 ft						
33								
34								
35								
36								
37			585 21					TD at 37 0' bgs
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 37 0'

Sheet. 3 of 3

r676;-,95

Project No: AFC001-024C

Borehole ID: DP 04

Project: NAS FW Landfill RFI

Date: 04/13/00

Client: AFCEE

Geologist: D Holman

Location: WP-07

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Blind Drive Push drive point to 24 feet						
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size. 2"

Total Depth Drilled 39 0'

Sheet: 1 of 3

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 04

Date: 04/13/00

Geologist: D. Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17								
18								
19								
20								
21								
22								
23								
24			-24					
25		***Sand*** Tan and reddish brown fine-grained sand, moist to saturated at 30'						
26								
27					100%	moist satur-ated		Collected sample WP07-DP04-50 from 28 to 30 ft
28								
29								
30			-30					Saturated at 30'
31								
32								

Drilled By. ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 39 0'

Sheet 2 of 3

6-76 '97

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 04

Date: 04/13/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Blind Drive Pushed drive point to refusal at 39 ft						
33								
34								
35								
36								
37								
38								
39			-39					TD at 39 0' bgs
40								
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled· 39 0'

Sheet 3 of 3

676 98

HYDRO GeoLogic INC.

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 05

Date: 04/18/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Silty Clay*** Dark brown and gray silty clay, gravelly from 3 5 to 8 ft , moist to dry						
2								
3								
4					100%	moist dry		
5								
6								
7								
8			613 18					
		Sand Light reddish brown sand, 1 0-2 0', slightly moist			100%	moist		
9			612 18					
10								
11								
12								
13								
14								
15								
16								

Drilled By. ESN

Drill Method DPT

Drilling Equipment: StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 37 0'

Sheet 1 of 3

HYDRO GeoLogic INC.

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 05

Date: 04/18/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Blind Drive*** Push drive point to 27 feet						
18								
19								
20								
21								
22								
23								
24								
25								
26								
27			594 18					
28		***Sand*** Light tan and reddish brown sand, fine-grained, moist to saturated at 29'			100%	moist satur-ated		Collected sample WP07-DP05-50 from 27 to 29 ft
29			592 18					
30								Saturated at 29'
31								
32								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 37 0'

Sheet 2 of 3

676 100

HYDRO GeoLogic INC

Project No: AFC001-024C

Borehole ID: DP 05

Project: NAS FW Landfill RFI

Date: 04/18/00

Client: AFCEE

Geologist: D Holman

Location: WP-07

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Blind Drive Pushed drive point to refusal at 37 ft						
33								
34								
35								
36								
37			584 18					TD at 37 0' bgs
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 37 0'

Sheet 3 of 3

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 06

Date: 04/13/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Silty Clay*** Dark brown silty clay with clayey silt, gravelly from 6 to 11 ft , rootlets, slightly moist						
2								
3								PID 1 3
4								
5						slightly moist		
6								PID 4 3
7								
8								
9								PID 1 3
10								
11			610 59					
12								PID 3 2
13								
14								
15								PID 0 0
16								

Drilled By ESN

Drill Method DPT

Drilling Equipment. StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 37 0'

Sheet 1 of 3

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 06

Date: 04/13/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Sand Light tan and reddish orange and brown sand, 1 0-2 0*, moist to saturated at 28 5'						
17								
18								PID 1 6
19								
20								
21								PID 0 0
22								
23								
24								PID 0 0
25								
26								PID 3 7
27								
28								Collected sample WP07-DP06-50 from 26 to 28 ft
29								
30								Saturated at 28 5'
31								PID 13 2
32								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 37 0'

Sheet 2 of 3

1 (6/7 6) 1 0 3

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 06

Date: 04/13/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
			588 59			moist satur-ated		PID 11 2
33		***Blind Drive*** Pushed drive point to refusal at 37 ft						
34								
35								
36								
37			584 59					TD at 37 0' bgs
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 37 0'

Sheet: 3 of 3

HydroGeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 07

Date: 04/19/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Silty Clay*** Dark brown silty clay with clayey silt, gravelly from 6 to 11 ft , rootlets, slightly moist						
2								
3								
4								
5						slightly moist		
6								
7								
8								
9			613 32					
10								
11								
12								
13								
14								
15								
16								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size: 2"

Total Depth Drilled 38 0'

Sheet 1 of 3

HydroGeoLogic INC.

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 07

Date: 04/19/00

Geologist: *D Holman*

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Blind Drive Push drive point to 27 ft						
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27			595 32					Collected sample
		Sand 7 5YR 6/4 light brown sand, fine-grained, moist to saturated at 29 5'						
28								WP07-DP07-50
								from 27 to 29 ft
29								
30								Saturated at 29 5'
31								
32								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 38 0'

Sheet 2 of 3

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 07

Date: 04/19/00

Geologist: D. Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
33			589 32			moist saturated		
34		***Blind Drive*** Pushed drive point to refusal at 37 ft						
35								
36								
37			585 32					
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 38 0'

Sheet 3 of 3

676.107

Project No: AFC001-024C

Borehole ID: DP 08

Project: NAS FW Landfill RFI

Date: 04/17/00

Client: AFCEE

Geologist: D Holman

Location: WP-07

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Silty Clay*** Dark brown silty clay, roots			100%			
2								
3			619 22					
4		***Gravelly Clay*** Reddish brown gravelly clay, silty with calcite-like material			100%			
5								
6								
7								
8								
9			613 22					
		Blind Drive Push drive point to 27 ft						
10								
11								
12								
13								
14								
15								
16								

Drilled By ESN

Drill Method DPT

Drilling Equipment. StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 36 0'

Sheet. 1 of 3

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 08

Date: 04/17/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17								
18								
19								
20			602 22					
		Sand Light tan sand, fine-grained, moist						
21								Collected sample
22								WP07-DP08-50
23								from 21 to 23 ft
24					100%	moist		
25								
26								
27								
28			594 22					
		Blind Drive Pushed drive point to refusal at 36 ft						
29								
30								
31								
32								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 36 0'

Sheet. 2 of 3

676 109

Project No: AFC001-024C

Borehole ID: DP 08

Project: NAS FW Landfill RFI

Date: 04/17/00

Client: AFCEE

Geologist: D Holman

Location: WP-07

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
33								
34								
35								
36			586 22					TD at 36 0' bgs
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 36 0'

Sheet 3 of 3

HYDRO GeoLogic INC.

Project No: AFC001-024C

Borehole ID: DP 09

Project: NAS FW Landfill RFI

Date: 04/19/00

Client: AFCEE

Geologist: D Holman

Location: WP-07

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Blind Drive Push drive point to 27 ft						
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled: 36'

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 09

Date: 04/19/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27			595 26					Collected sample
		Sand Sand, fine-grained, saturated at 29'						WP07-DP09-50
28								from 27 to 29 ft
29								
30			592 26					Saturated at 29 0'
31								
32								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 36'

Sheet 2 of 3

HYDRO GeoLogic INC

Project No: AFC001-024C

Borehole ID: DP 09

Project: NAS FW Landfill RFI

Date: 04/19/00

Client: AFCEE

Geologist: D Holman

Location: WP-07

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Blind Drive No description given						
33								
34								
35								
36			586 26					TD at 36' bgs
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 36'

Sheet 3 of 3

;6;7 6+ ;1-1 3

Project No: AFC001-024C

Borehole ID: DP 10

Project: NAS FW Landfill RFI

Date: 04/18/00

Client: AFCEE

Geologist: D Holman

Location: WP-07

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Clay*** Dark brown and gray clay, silty to gravelly from 3 to 6', moist, sandy (reddish brown) from 6 to 8', moist						
2								
3								
4					100%	moist		
5								
6								
7								
8			614 02					
		Sand Sand, medium-grained, minor clay content	613 02		100%			
9								
10								
11								
12								
13								
14								
15								
16								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 39 0'

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 10

Date: 04/18/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Blind Drive*** Push drive point to 27 ft						
18								
19								
20								
21								Collected sample
22								WP07-DP10-50
23								from 27 to 29 ft
24								
25								
26								
27			595 02					
28		***Sand*** Light tan and reddish brown sand, fine-grained, saturated at 29 5'			100%	moist saturated		
29								
30			592 02					Saturated at 29 5'
31								
32								

Drilled By. ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 39 0'

Sheet 2 of 3

HydroGeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 10

Date: 04/18/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Blind Drive Pushed drive point to refusal at 39 ft						
33								
34								
35								
36								
37								
38								
39			583 02					TD at 39 0' bgs
40								
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 39 0'

Sheet 3 of 3

HYDRO GeoLogic INC

Project No: AFC001-024C

Borehole ID: DP 11

Project: NAS FW Landfill RFI

Date: 04/13/00

Client: AFCEE

Geologist: D Holman

Location: WP-07

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Blind Drive Push drive point to 24 ft						
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 37'

6/7/6 2:1:7

HYDRO GeoLogic INC.

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 11

Date: 04/13/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17								
18								
19								
20								
21								
22								
23								
24			597 48					
25		***Sand*** Light brown fine to very fine sand with 10% silt, well sorted, loose, dry						
26						dry		Collected sample WP07-DP11-50 from 26 to 26 5 ft
27			593 98					
28		***Blind Drive*** Push drive point to refusal at 37 0'						
29								
30								
31								
32								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 37'

Sheet 2 of 3

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 11

Date: 04/13/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Blind Drive Push drive point to refusal at 37 0'						
33								
34								
35								
36								
37			584 48					TD at 37 0' bgs
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 37'

Sheet. 3 of 3

676 119

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 12

Date: 04/18/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Blind Drive Push drive point to 26 ft						
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 38 0'

Sheet. 1 of 3

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 12

Date: 04/18/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17								
18								
19								
20								
21								
22								
23								
24								
25								
26			595 41					
27		***Sand*** Light tan sand, 2 0-2 5*, moist to saturated at 29'						Collected sample
28					100%	moist saturated		WP07-DP12-50
29								from 27 to 29 ft
30			591 41					
31								
32								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 38 0'

Sheet 2 of 3

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 12

Date: 04/18/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Blind Drive Push drive point to refusal at 38 0'						
33								
34								
35								
36								
37								
38			583 41					TD at 38 0' bgs
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By. ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size. 2"

Total Depth Drilled 38 0'

Sheet 3 of 3

676122

HYDRO GeoLogic INC.

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 13

Date: 04/18/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Silty Clay*** Dark brown silty clay with roots from 0 to 3', reddish brown and light gray from 3 to 8', moist						
2								
3								
4					100%	moist		
5								
6								
7								
8			613 59					
		Sand Sand, fine-grained			100%			
9			612 59					
10								
11								
12								
13								
14								
15								
16								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 39'

Sheet 1 of 3

676 123

HydroGeoLogic INC.

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 13

Date: 04/18/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Blind Drive*** Push drive point to 27 ft						
18								
19								
20								
21								Collected sample
22								WP07-DP13-50
23								from 27 to 29 ft
24								
25								
26								
27			594 59					
28		***Sand*** Light tan sand, 1 5-2 0*, moist to saturated at 29 5'			100%	moist saturated		
29								Saturated at 29 5'
30			591 59					
31								
32								

Drilled By ESN

Drill Method DPT

Drilling Equipment. StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 39'

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 13

Date: 04/18/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Blind Drive No description given						
33								
34								
35								
36								
37								
38								
39			582 59					TD at 2' bgs
40								
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 39'

Sheet 3 of 3

HYDRO GeoLogic INC.

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 14

Date: 04/18/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Silty Clay*** Dark brown to reddish brown silty clay, gravelly						
2								
3					100%	moist		
4								
5								
6			-6					
7		***Clayey Sand*** Clayey sand, fine-grained from 6 to 8 ft, medium-grained sand from 8 to 9 ft, moist			100%			
8								
9			-9					
10								
11		--						
12								
13								
14								
15								
16								

Drilled By ESN

Drill Method DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 39 0'

Sheet 1 of 3

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 14

Date: 04/18/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Blind Drive*** Push drive point to 27 ft						
18								
19								
20								
21								Collected sample
22								WP07-DP14-50 .
23								from 27 to 29 ft
24								
25								
26								
27			-27					
28		***Sand*** Light tan and reddish brown sand, moist to saturated at 29 5'			100%	moist saturated		
29								
30			-30					Saturated at 29 5'
31								
32								

Drilled By ESN

Drill Method DPT

Drilling Equipment. StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 39 0'

Sheet 2 of 3

676 127

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: WP-07

Borehole ID: DP 14

Date: 04/18/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Blind Drive Push drive point to refusal at 39'						
33								
34								
35								
36								
37								
38								
39			-39					TD at 39 0' bgs
40								
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By. ESN

Drill Method. DPT

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 39 0'

SWMU 25 (LANDFILL 8)

HYDRO GeoLogic INC

Test Pit Classification Log

676 129

Project Name: Carswell AFB, D O 2
Page 1 of 1
Project Number: AFC 001 023D
Date: 8/27/97
Field Geo./Eng.: Ken Hurley
Test Pit No.: THGLTA 021
Location: LF08, Test Pit #1
Approx. Elev.: 614.16
Equipment Used: Backhoe
Pit Dimensions: 40' x 2 5' x 10' = 1000'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1	1	5 YR 4/6 yellowish red silty clay, dry to moist, asphalt and gravel mixed in Concrete and rebar PID= 0ppm	GM	021-01 (2- 5) Large pieces of asphalt and concrete
2				
3	N/A	Same as above	N/A	
4				Asphalt and concrete pieces as large as 2'x2'x6" thick
5	N/A	Same as above	N/A	
6				
7	N/A	Same with more fine gravel (roadpack)	N/A	
8				
9	2	Virgin material, 10 YR 3/6 dark yellowish brown clay, PID= 0ppm Plastic, some black streaks, no odor	CH	
10				021-02 (10')
11				
12				
13				
14				
15				

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Test Pit Classification Log

Project Name: Carswell AFB, D.O.2	**Page** 1 of 1
Project Number: AFC 001 0230	**Date:** 8/22/97
Field Geo./Eng.: Ken Hurley	**Test Pit No.:** THGLTA 022
Location: LF08, Test Pit #2	**Approx. Elev.:** 615 54
Equipment Used: Backhoe	**Pit Dimensions:** 40' x 2 5' x 11 5' = 1150'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		2 5 Y 5/6 light olive brown silt with some clay, dry to moist PID= 0ppm, LEL=0, O2=20 7		022-01 (2- 5)
2				
3		Asphalt layer from 2 to 3' bgs 2 5 Y 4/4 olive brown silt with clay, moist, mixed with gravel backfill, sharp edges (1" to 2" diameter) PID= 0ppm		
4				
5		Same, mostly silt and clay mixed with gravel		
6				
7		Same, mostly gravel and olive brown silty clay PID= 0ppm		
8				
9		Same		
10				
11		Virgin material at 11 2' bgs 2 5 Y 2 5/1 black silty clay, moist, no odor PID= 0ppm		022-02 (11 2')
12				
13				
14				
15				

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Test Pit Classification Log

Project Name: Carswell AFB, D O.2
Project Number: AFC 001 023D
Field Geo./Eng.: Mike Rodtang
Location: LF08, Test Pit #3
Equipment Used: Backhoe

Page 1 of 1
Date: 8/27/97
Test Pit No.: THGLTA 023
Approx. Elev.: 615 14
Pit Dimensions: 40' x 2.5' x 11' = 1100'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1	1	5YR 2 5/1 black silty clay mixed with gravel, broken up asphalt pieces and some metal PID = 0 5ppm	GC	023-01 (2- 5)
2				
3	N/A	Same as above	GL	Large pieces (2'x2') of concrete Some rebar, 3/8" diameter
4				
5	N/A	Same as above	GL	Large pieces of concrete with rebar
6				
7	N/A	Black silty clay with concrete and asphalt pieces	GL	
8				
9	2	Clay/fill interface, 7 5YR 5/8 strong brown clay with some silt, plastic, small rounded pebbles and spots of magnesium PID = 0ppm	CH	023-02 (10')
10				
11	N/A	2 5Y 2 5/1 black organic silty clay soil, no odor, moist PID=0ppm	OL	Did not sample because sample was collected in previous hole
12				
13				
14				
15				

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Test Pit Classification Log

Project Name: Carswell AFB, D O.2
Page 1 of 1
Project Number: AFC 001 023D
Date: 9/10/97
Field Geo./Eng.: Ken Hurley/Mike Rodtang
Test Pit No.: THGLTA 024
Location: LF08, Test Pit #4
Approx. Elev.: 613 94
Equipment Used: Backhoe
Pit Dimensions: 40' x 2 5' x 15' = 1500'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1	1	7 5 YR 4/3 brown silty clayey sandy fill, dry, concrete and asphalt debris PID=0ppm in soil.	SD	024-01 (2- 5) 6" of asphalt located approx 1' bgs across the entire test pit
2				
3	N/A	Same as above	SD	
4				
5	N/A	Same as above	SD	
6				A lot of sheet metal was encountered from 6-12' bgs and was painted green PID = 0ppm in breathing zone Sheet metal may be part of an airplane section
7	N/A	Encountered large pieces of sheet metal, more asphalt and concrete, and some tar fragments and rebar PID=0ppm	SP	
8				
9	N/A	More concrete, rebar, and sheet metal	N/A	
10				
11	N/A	More concrete, rebar, and sheet metal	N/A	
12				
13	2	Virgin soil, 7 5YR 5/8 strong brown clay with some small pebbles, moist PID=0ppm	CH	
14				
15				024-02 (15')

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Test Pit Classification Log

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Project Name: Carswell AFB, D O 2
Page 1 of 1
Project Number: AFC 001 023D
Date: 9/10/97
Field Geo./Eng.: Ken Hurley/Mike Rodtang
Test Pit No.: THGLTA 025
Location: LF08, Test Pit #5
Approx. Elev.: 613.28
Equipment Used: Backhoe (Juan Vega)
Pit Dimensions: 41' x 11' x 15' = 6765'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1	1	7 5 YR 4/3 brown silt mixed with concrete, asphalt, and other fill material PID=0ppm	N/A	025-01 (2- 5) The width of the pit was only 11' at L=30-35' from the east
2				
3	N/A	Large pieces of concrete with 1/2" - 5/8" diameter rebar	N/A	Asphalt and rubble at 2-6' bgs
4				
5	N/A	Concrete, asphalt, and rebar with brown silty clay, dry	N/A	Encountered large pieces of concrete at east end of pit Have to jump over b/c backhoe could not dig it out PID=0ppm
6				
7	N/A	Same as above	N/A	Concrete piece at least 3 5' thick by 4' long Could not move it with the backhoe
8				
9	N/A	Same as above	N/A	Skip over large pices of concrete and dig at 30 to 35' from east end to collect sample
10				
11	2	Virgin soil, 7 5YR 8/3 dark brown clay with some sil and sand, magnesium mottles, moist PID=0ppm	SC	025-02 (11') Collected at 11' bgs from the east edge of the trench
12				
13				
14				
15				

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Test Pit Classification Log

Project Name: Carswell AFB, D.O 2
Page 1 of 1
Project Number: AFC 001 023D
Date: 9/11/97
Field Geo./Eng.: Ken Hurley/Mike Rodtang
Test Pit No.: THGLTA 026
Location: LF08, Test Pit #6
Approx. Elev.: 609.51
Equipment Used: Backhoe (Gary Morris)
Pit Dimensions: 40' x 3' x 6' = 720'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1	1	7 5 YR 4/6 brown silty clay, dry PID=0ppm in soil and breathing zone Large pieces of asphalt, concrete No rebar visible at 1 5' bgs PID= 0ppm	CL	026-01 (2- 5)
2				
3	N/A	Same as above	CL	Virgin soil at NW end of the trench, footing to a building 10' from NW end 30' wide At 35' NW the virgin soil was at 4' bgs At 40' it was at 3' bgs
4				
5	2	Dark brown fine sandy silt at 4' bgs throughout length of the trench 10YR 7/1 light yellow brown medium to coarse sand dry virgin soil at the NW end of the trench PID=0ppm	SP	026-02 (4 5-5') Collected from 5' bgs and 10' from the NW end
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

HYDRO GeoLogic INC.

Test Pit Classification Log

676 135

Project Name: Carswell AFB, D O.2
Project Number: AFC 001 023D
Field Geo./Eng.: Ken Hurley
Location: LF08, Test Pit #7
Equipment Used: *Backhoe (Gary Morris)*

Page 1 of 1
Date: 9/11/97
Test Pit No.: THGLTA 027
Approx. Elev.: 605.16
Pit Dimensions: 40' x 2' x 12' = 960'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1	1	7 5 YR 4/6 brown silty clay, dry PID=0ppm in soil and breathing zone Large pieces of asphalt, concrete No rebar visible at 1 5' bgs	CL	027-01 (2- 5)
2	N/A	Same as above	GL	
3	2	Virgin soil at 3' bgs	SD	027-02 (3-3 5')
4				THGLTA027-02 was collected from 3-3 5' bgs The duplicate was collected from 5-5 5' bgs
5	DUP	Virgin soil at 18" at the end of the trench Total depth was 3' initially and ended at 18"	SP	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

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Test Pit Classification Log

Project Name: Carswell AFB, D O.2
Page 1 of 1
Project Number: AFC 001 0230
Date: 9/11/97
Field Geo./Eng.: Mike Rodtang
Test Pit No.: THGLTA 028
Location: LF08, Test Pit #8
Approx. Elev.: 601.30
Equipment Used: Backhoe
Pit Dimensions: 40' x 2' x 9' = 720'

DEPTH (FT)	SAMPLE NO. AND TYPE	DESCRIPTION	USCS SYMBOL	REMARKS
1		Virgin soil at top of trench 7 5 YR 3/1 dark grayish brown fine sandy silt, dry PID= 0ppm		028-01 (2- 5)
2				
3		Same as above		
4				
5		Same as above		
6				
7		7 5 YR 7/3 dark yellowish orange fine to med sand, dry Becoming more clayey at 8' bgs with quartz cobbles, moist Water at 9' bgs seeping into trench		
8				028-02 (8 5-9')
9				
10				
11				
12				
13				
14				
15				

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA812

Date: 6/2/98
Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1–2		***Gravelly Silty Clay*** 7 5Y 6/6 reddish yellow gravelly silty clay, moderate plasticity, poorly sorted	611 87	GL	100%	dry	0 0	Asphalt and concrete debris
3–6		***No Recovery*** Blind probe Rock at 2' bgs Drilled through to 6'	607 87		0%	dry		
7–8		***Debris*** Asphalt and concrete debris with some clay and sand	605 87	GC	30%	dry	0 0	Landfill material
9		***No Recovery***	604 87		0%		0 0	Offset boring 10' to north
10–11		***Gravelly Sandy Clay*** 7 5YR 3/2 dark brown gravelly sandy clay, moderate to low plasticity, firm to stiff, poorly sorted	602 87	GL		dry	0 0	Asphalt and concrete landfill material
12–13		***Silty Clay*** 7 5YR 2 5/1 black silty clay, high plasticity, stiff, well sorted	600 87	CH		damp	0 0	Out of landfill
14–15		***Gravelly Clay*** 7 5YR 4/2 brown gravelly clay with silt, high plasticity, stiff, moderately to poorly sorted	598 87	MH		damp	0 0	
16–17		***Gravelly Clay*** 7 5YR 5/3 brown gravelly clay with silt, high plasticity, stiff, moderately to poorly sorted	596 87	MH		moist	0 0	
18–19		***Silty Sandy Clay*** 7 5YR 5/4 yellowish brown silty sandy clay, high plasticity, stiff, moderately sorted	594 87	GM		damp	0 0	Some gravel from 17 to18'
20–21		***Sandy Clay*** 10YR 5/4 yellowish brown sandy clay with some gravel, high plasticity, stiff, poorly sorted	592 87	MH				Increase in gravel Water at 21 0' bgs
22–23		***Silty Gravel*** 10YR 6/8 brownish yellow silty gravel with some clay, loose to firm, very poorly sorted	590 87	GM		wet		End of boring 23' bgs

Drilled By EDI
Drill Method DPT
Drilling Equipment XD-2

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 4"
Total Depth Drilled: 23'
Sheet 1 of 1

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HydroGeologic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA813

Date: 5/12/98 - 6/1/98
Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Construction Materials Concrete construction debris	614 75					
1		***Gravelly Clay*** 7 5YR 6/8 gravelly clay, moderate plasticity, firm, poorly graded		CL	25%	damp		
2								
3								Collected sample BHGLTA813-02 (original boring 5/12/98)
4			611 75					
		Silty Sand 7 5YR 6/4 silty sand, no plasticity, loose, poorly sorted		SM	50%	damp		
5								
6								
7			608 75					
		Gravelly Sand 7 5YR 4/6 gravelly sand, no plasticity, loose, poorly graded (logged from 7' to refusal at 10' in first hole)	607 75	GP	50%	damp		
8		***Silty Clay*** Dark brown silty clay, stiff with some plant roots, concrete in top 4" of section (logged from redrilled boring - this section overlaps gravelly sand lithology logged in original hole)		CL	60%	dry		Collected sample BHGLTA813-03 (original boring 5/12/98)
9			606 25					
			605 75	SP	100%	damp		
10		***Sand*** Light brown fine to medium sand with 20% gravel, well sorted with some concrete	604 75					Refusal in original boring at 10' bgs Boring redrilled to new TD on 6/1/98
11		***Debris*** Construction rubble						
12		***Sandy Silt*** Fine sandy silt with 20% gravel Grades t black silty clay, high plasticity, stiff, organic-rich, well sorted		ML	100%	damp	1 1	Organic odor
13			602 75					
14		***Silty Clay*** Silty clay with trace of small gravel, high plasticity, stiff, moderately sorted Increase in gravel towards 15'		MH		damp	0 0	Iron staining - trace
15			600 75					

Drilled By PSI / ENVD

Drill Method DPT / HSA

Drilling Equipment XD-2 / CME-75

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2" / 4"

Total Depth Drilled. 21 5'

HydroGeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA813

Date: 5/12/98 - 6/1/98
Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
16–17		***Gravelly Clay*** Gravelly (20%) clay, high plasticity, poorly sorted Increase in gravel size at 16'	598 75	CL		moist	0 0	Gravel is angular, trace of asphalt
18–19		***Silty Clay*** Medium to dark brown silty clay with fine-medium sand and 25-30% gravel, semi-stiff grading to light brown sand at bottom 4-6"	596 75	ML		dry	0 0	
20–21		***Clayey Gravel*** Clayey gravel, poorly sorted, increasing sand at 19 to 20' bgs Moisture increase below 19 0'	594 25	CL		moist		
						wet		Water at 20 5' bgs
								End of boring 21 5' bgs
22								
23								
24								
25								
26								
27								
28								
29								
30								

Drilled By PSI / ENVD
Drill Method. DPT / HSA
Drilling Equipment XD-2 / CME-75

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2" / 4"
Total Depth Drilled· 21 5'
Sheet 2 of 2

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HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA814

Date: 5/18/98
Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Silty Clay 10YR 2/1 black silty clay, stiff	600 85	CL		dry	0 0	
1 2 3 4		***Silty Clay*** 10YR 4/2 dark grayish brown silty clay with 15 - 20% gravel and coarse sand (1/2" dia), stiff	597 35	CL		dry	0 0	
5 6 7		***Silty Clay*** Mottled 10YR 4/1 dark gray and 10YR 4/4 dark yellowish brown silty clay with 15% gravel (up to 1/4" dia) Some gravel up to 1/2" dia near bottom of section	594 35	MH		damp	0 0	Collected VOC sample from 5 0 - 5 5' depth
8 9 10		***Silty Clay*** Mottled 2 5Y 7/6 yellow and 6/1 gray silty clay with some coarse sand and gravel (up to 1/4" dia), high plasticity Increasing moisture with depth	591 35	MH		damp	0 0	Collected VOC sample from 9 0 - 9 5' depth
11		***Gravelly Clay*** Mottled 2 5Y 7/6 yellow and 6/1 gray gravelly clay, high plasticity, firm Bottom 4" of section is weathered limestone bedrock	590 35	GC		moist		Refusal at 11 0' bgs

Drilled By PSI

Drill Method. DPT

Drilling Equipment XD-2

HydroGeoLogic, Inc.
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(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 11'

Sheet 1 of 1

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA815

Date: 5/12/98 and 6/2/98
Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	*Description*	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Silty Sand*** 7 5YR 6/8 reddish yellow silty sand, very low plasticity, moderately graded						First borehole drilled to 7 0' on 5/12/98
2				SM	60%	dry	0 9	Construction debris (concrete and trace of tar)
3								
4			612 9					Collected VOC sample from 3 5 - 4 0'
5		***Silty Sand*** 7 5YR 5/8 strong brown silty sand with trace of clay, very low plasticity, firm, moderately graded		SM	50%	moist		Concrete in bottom of sample Collected VOC sample from 4 0 - 6 5'
6								
7			609 9					Refusal at 7 0' bgs
		Blind Probe Blind probe in new borehole from surface to 8' bgs	608 9					
8								Borehole redrilled to new TD using HSA on 6/2/98
9		***Sand*** 7 5YR 5/6 strong brown sand with large concrete pieces, loose, poorly graded		SP		moist	0 0	Landfill material
10			606 4					Native soil at 10 5'
11		***Silty Clay*** 7 5YR 2 5/2 very dark brown silty clay, high plasticity, stiff, well sorted	605 4	MH		damp	0 0	
12			604 9	GC		damp	0 0	Some shell material
13		***Gravelly Clay*** 7 5YR 2 5/2 very dark brown gravelly clay, high plasticity, stiff, poorly sorted		GC		damp	2100 0	Gravel is composed of $CaCO_3$
14		***Sandy Clayey Gravel*** 7 5YR 4/6 strong brown sandy clayey gravel, low plasticity, stiff, poorly sorted	602 9					
15		***Gravelly Clay*** 7 5YR 5/4 brown gravelly clay with sand, low plasticity, firm, poorly sorted	600 9	CL		damp	6000 0	Limestone gravel
16								
17		***Clayey Gravel*** 7 5YR 5/8 strong brown clayey gravel with sand, low plasticity, firm to loose, poorly sorted	598 9	GC		moist	0 0	Limestone gravel and calcareous nodules
18								
19		***Gravelly Silty Sand*** 7 5YR 5/6 strong brown gravelly silty sand, loose, poorly sorted	596 9	GC		wet		Saturated at 20'
20								End of boring 20' bgs

Drilled By PSI / ENVD
Drill Method DPT / HSA
Drilling Equipment XD-2 / CME-75

HydroGeoLogic, Inc.
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Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"
Total Depth Drilled 20'
Sheet 1 of 1

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HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA816

Date: 6/2/98
Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Landfill Debris*** Concrete and asphalt landfill materials	612 8		25%	dry	0 0	Surface debris
2		***Clayey Silt*** 7 5YR 3/1 very dark gray clayey silt with gravel, low plasticity, firm to loose, poorly sorted	611 8	ML	80%	dry	0 0	
3		***Silty Clay*** 7 5YR 6/6 reddish yellow silty clay, high plasticity, firm, moderately sorted with some gravel	610 8	MH	80%	damp		Trace of tar chunks
4								
5		***Clayey Sandy Silt*** 7 5YR 4/3 brown clayey sandy silt, low plasticity, some gravel, loose	608 8	ML	30%	damp	0 0	Trace of asphalt
6		***Gravelly Clay*** 7 5YR 5/8 strong brown gravelly clay with some silt, high plasticity, firm	606 8	GC		damp	0 0	Trace of asphalt
7								
8		***Silty Sandy Clay*** 7 5YR 5/8 strong brown silty sandy clay, high plasticity, firm to stiff, poorly sorted	604 8	MH		wet	0 0	Trace of burned debris
9								
10		***Silty Clay*** 7 5YR 2 5/1 black silty clay, high plasticity, stiff with trace of small gravel, poorly sorted	602 8	MH		damp		
11								
12		***Gravelly Clay*** 7 5YR 3/2 dark brown gravelly clay, high plasticity, firm, poorly sorted	600 8	GC		damp		Bottle fragments
13								
14		***Clayey Gravel*** 10YR 6/4 light yellowish brown clayey gravel, low plasticity, poorly sorted	598 8	GC		moist		
15								
16		***Clayey Silt*** 7 5YR 5/4 brown clayey silt, moderate plasticity, firm, well sorted	597 8	ML		moist		Water at 17 0' bgs
17		***Sandy Silt*** 7 5YR 5/4 brown sandy silt, low plasticity, firm, well sorted	596 8	SM		wet		End of boring 18' bgs
18								

Drilled By EDI

Drill Method HSA

Drilling Equipment CME-75

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 4"

Total Depth Drilled 18'

Sheet 1 of 1

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HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA817

Date: 5/19/98
Geologist: J Costello

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Soil and Fill Soil cover with fill material	598 8	PT			NA	PID not working
1		*Sand* 10YR 5/6 sand, fine grained Saturated						
2								
3								
4				SP			NA	
5								
6								
7			592 8					

Drilled By PSI
Drill Method DPT
Drilling Equipment XD-2

HydroGeoLogic, Inc.
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Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2 5"
Total Depth Drilled 7'
Sheet 1 of 1

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HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA818

Date: start 5/19/98 - end 6/3/98
Geologist: Brad Nielsen

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1, 2, 3, 4		***Sandy Silt*** Mottled 7 5YR 2 5/2 very dark brown, 7 5YR 4/6 strong brown, and 7 5YR 7/1 light gray gravelly sandy silt, stiff, poorly sorted Caliche and concrete debris in bottom 1 foot	608 87		25%	dry		Collected sample BHGLTA818-02 Landfill material
5, 6		***Silty Clay*** 7 5YR 3/1 very dark gray silty clay with sand and gravel, high plasticity, poorly sorted, stiff Caliche and concrete debris throughout sample	606 87		15%	damp		Collected VOC sample from 4 0 - 4 5' Tar and asphalt pieces
7, 8, 9, 10, 11, 12		***Sandy Gravelly Clay*** 7 5YR 3/4 dark brown sandy gravelly clay, moderate to high plasticity, firm, poorly sorted Layer of asphalt at 8' Hydrocarbon odor at 9'	600 87		50% 50% 60%	damp damp damp	0 0	Large concrete pieces Redrilled borehole with heavier HSA rig Lithology from 6' to TD is from 2nd borehole Original TD is 10' bgs in concrete debris Gravel is rounded chert small to large
13, 14, 15, 16, 17, 18		***Clayey Gravel*** 10YR 6/6 brownish yellow clayey gravel with silt, high plasticity from 12 to 14', moderate from 14 to 18', firm to loose, poorly to very poorly sorted	594 87			moist wet wet	0 0	Water at 17 0' bgs End of boring 18' bgs

Drilled By PSI (1st), EDI (overdrill)
Drill Method DPT / HSA
Drilling Equipment XD-2 & CME-75

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2" / 4"
Total Depth Drilled 18'
Sheet. 1 of 1

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA819

Date: 10/7/99
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			Remarks
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	
1 2 3		***Blind Probe*** Blind probe to 4' bgs	613 66					
4 5 6		***Silty Clay*** 10YR 5/4 yellowish brown silty clay, medium stiff Angular chert fragments starting at 5 5', color change to 10YR 3/3 dark brown with limestone nodules (5%)	611 66	CL		dry	0 0	Collected BHGLTA819-02 at 1115

Drilled By TEG
Drill Method DPT
Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"
Total Depth Drilled 6'
Sheet 1 of 1

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HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA820

Date: 10/7/99
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			Remarks
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	
1								
2								
3								
4								
5								
6								
7		***Blind Probe*** Blind probe to 4' bgs						
8								
9								
10								

Drilled By TEG
Drill Method: DPT
Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"
Total Depth Drilled 16'
Sheet 1 of 2

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA820

Date: 10/7/99
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
11								
12								
13								
14			604 18					
		Silty Clay 10YR 2/2 very dark brown silty clay, medium stiff, no gravel	603 68	CL				
15		*Gravel* Chert and limestone gravel, angular with some silty clay	602 68	GW		dry	0 0	Collected BHGLTA820-04 at 1040 from 14-14 5' and 15 5-16'
16		*Silty Clay* 10YR 5/3 brown silty clay with 10YR 7/1 white mottles, medium stiff	602 18	CL				
17								
18								
19								
20								

Drilled By TEG
Drill Method DPT
Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
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Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"
Total Depth Drilled 16'
Sheet 2 of 2

676 118

HydroGeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA821

Date: 10/7/99
Geologist: M Johnston

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Gravel Top 6" grass and gravel	616 38	GP				
1		***Silty Clay*** 10YR 4/4 dark yellowish brown silty clay with 3% calcite nodules, medium stiff	614 88	CL	60%	dry	0 0	Collected BHGLTA821-01 at (Barium and Lead only)
2		***Silty Clay*** Same as above to 3' bgs	613 88	CL	90%	dry	0 0	
3		***Silt*** 10YR 8/3 very pale brown silt with clay, medium stiff	612 88	ML				
4		***Silt*** 10YR 7/6 yellow silt with clay, stiff with calcite nodules (10YR 8/1) 5%. Color change at 5' to 10YR 4/4 dark yellowish brown mottled with 10YR 5/6 yellowish brown 5% calcite nodules	610 88	ML	70%		0 0	
5								
6		***Silty Clay*** 10YR 3/4 dark yellowish brown silty clay mottled with 10YR 2/2 very dark brown Medium stiff with 3-5% calcite nodules	608 88	CL		dry	0 0	
7								
8		***Silty Clay*** 10YR 3/2 very dark grayish brown silty clay mottled with 10YR 3/6 dark yellowish brown Stiff, no gravel or calcite nodules	606 88	CL		dry	0 0	
9								
10		***Silty Clay*** Same as above	606 38	CL				
11		***Silty Clay*** Mottled 10YR 3/4 dark yellowish brown and 10YR 8/1 white silty clay with angular limestone fragments (10%)	604 88	CL		dry	0 0	
12								
13		***Clay*** 10YR 8/1 white clay with silt, mottled with 10YR 6/6 brownish yellow Medium stiff with 25% limestone gravel	602 88	CL		dry	0 0	
14								
15		***Clay*** Same as above	600 88	CL		damp	0 0	Collected BHGLTA821-04 at (SVOCs only)
16								

Drilled By. TEG

Drill Method DPT

Drilling Equipment Strataprobe

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Hole Size 2"

Total Depth Drilled. 16'

Sheet 1 of 1

676: 149

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

***Borehole ID:* BHGLTA822**
Date: 10/8/99
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1 2 3 4		***Blind Probe*** Blind probe to 4' bgs, asphalt pieces at surface, brown silt	612 05					Collected BHGLTA822-01 and MS/MSD
5 6		***Silty Clay*** 12YR 3/3 hard silty clay with subangular limestone gravel and rounded chert gravel 2-15mm, 15%	610 05	CL	75%	dry	0 0	Collected BHGLTA822-02
7 8 9		***Blind Probe*** Blind probe to 9' bgs	607 05					
10		***Silt*** 10YR 4/3 brown silt with rounded chert and subangular limestone gravel	606 05	ML	90%	dry	0 0	Collected BHGLTA822-03
11		***Clay*** 10YR 5/4 yellowish brown fine sandy clay	605 05	CL	90%	dry	0 0	
12 13 14		***Blind Probe*** Blind probe to 14' bgs	602 05					
15 16		***Silty Clay*** 10YR 4/1 dark gray soft silty clay with limestone gravel, angular 10-30mm, and chert 5-10mm, 10%	600 05	CL	90%	moist	0 0	Collected BHGLTA822-04
17 18 19		***Blind Probe*** Blind probe to 19' bgs	597 05					
20		***Silt*** 10YR 3/3 dark brown silt with angular limestone gravel, 5-20mm	596 05	ML		damp	0 0	Collected BHGLTA822-05
21		***Clay*** 10YR 6/4 light yellowish brown medium stiff clay, poorly sorted with fine to coarse sand and gravel (20%)		CL		damp	0 0	
22 23			593 05	CL				Water at 23' bgs
24 25		***Sandy Gravel*** 5YR 7/2 light gray fine sandy gravel	591 05	GP	90%	wet		End of boring 25' bgs

Drilled By TEG
Drill Method DPT
Drilling Equipment Strataprobe

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Hole Size 2"
Total Depth Drilled. 25'
Sheet 1 of 1

676 150.

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA823

Date: 10/6/99
Geologist: R Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		*Silty Clay* 10YR 3/1 very dark gray silty clay, hard with 3mm calcite nodules (5%) and grass roots from 0-6" bgs Subrounded gravel 10-20mm, 30% from 0 5-2 0	613 98	CL	100%	dry	0 0	No landfill material apparent
2								
3		*Silt* 10YR 2/1 black silt with gravel from 5-40mm (25%) Gravel composed of chert, quartz, and limestone Subrounded sand lense at 4' bgs, very fine sand with silt, 10YR 5/8 yellowish brown lense, 2" thick	611 98	ML	100%	dry	0 0	No landfill material
4		*Silty Clay* 10YR 3/6 dark yellowish brown silty clay, medium stiff with 1-2mm calcite nodules, pieces of asphalt, and subrounded gravel	611 48	CL				
5		*Silty Gravelly Clay* 10YR 4/6 dark yellowish brown poorly sorted silty gravelly clay with calcite nodules (1-10mm), 15% 5% subrounded gravel	609 98	GC	100%	dry	0 0	Asphalt found at 4 0 - 4 5' No landfill material
6		*Sand* 10YR 3/4 yellowish brown fine sand with silt	609 48	SP				
7		*Sandy Silty Clay* 10YR 3/3 dark brown poorly sorted fine sandy silty clay, soft with calcite nodules	607 98	SC	75%	damp	0 0	No landfill material
8								

Drilled By TEG

Drill Method. DPT

Drilling Equipment. Strataprobe

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Hole Size 2"

Total Depth Drilled 14'

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA823

Date: 10/6/99
Geologist: R Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
9		*Concrete* Concrete layer from 8 0 to 9 5' bgs	606 48		80%		0 0	Landfill material (concrete)
10		*Sand* 10YR 4/4 dark yellowish brown poorly sorted fine sand with gravel	605 98	SP				
11 12		*Sandy Silty Clay* 10YR 6/4 light yellowish brown poorly sorted very fine sandy silty clay with gravel Concrete at bottom of shoe Gravel is rounded to subrounded 5-20mm (15%)	603 98	SC	100%	dry	0 0	Concrete at bottom of interval
13		*Sand* 10YR 6/4 light yellowish brown fine sand, well sorted	602 98	SP	90%	wet		
14		*Clay* 10YR 2/1 black clay with calcite nodules (1-2mm) and 3% subrounded gravel (3mm), very soft, medium stiff	601 98	CL	90%	damp		
15								
16								

Drilled By TEG
Drill Method DPT
Drilling Equipment Strataprobe

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Hole Size 2"
Total Depth Drilled 14'
Sheet 2 of 2

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HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA824

Date: 10/6/99
Geologist: R Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Concrete Top 6" bgs concrete	616 34					
1 2		*Silty Clay* 10YR 4/3 brown silty clay with calcite nodules Stiff, hard	614 84	CL	90%	dry	0 0	
		Silty Clay Same as above	614 34	CL				
3		*Silt* 10YR 8/2 very pale brown silt with chalky texture	613 34	ML	60%	dry	0 0	
4		*Sandy Clay* Mottled 10YR 8/2 very pale brown and 10YR 6/4 light yellow brown poorly sorted silty sandy clay with calcite nodules and gravel (15%) Gravel is subangular to subrounded	612 84	CL				
5		*Silty Clay* 10YR 3/6 dark yellowish brown silty clay with 1-2mm calcite nodules	611 84	CL	90%	dry	0 0	Concrete at 5' bgs
		Concrete Concrete material from 5 0 to 5 25' bgs	611 34					
6		*Sand and Concrete* Concrete mixed with fine sand	610 84					
7 8		*Sand* 10YR 6/8 brownish yellow fine sand mixed with 25% concrete	608 84	SP	75%	dry	0 0	

Drilled By TEG

Drill Method. DPT

Drilling Equipment Strataprobe

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Hole Size 2"

Total Depth Drilled 14'

Sheet 1 of 2

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA824

Date: 10/6/99
Geologist: R Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
9		*Sand* Same as above Increasing percentage of concrete with depth	606 84	SP	80%	dry		Concrete
10		*Sand* Same as above Sand is damp at 11 to 11 5' bgs Concrete from 11 5 - 12 0' bgs	604 84	SP	100%	damp	0 0	Fill material and concrete
12		*Sand* Same as above Fine sand and concrete to 13' bgs	603 84	SP	90%	damp		Concrete 12 - 13' bgs
13		*Clay* 10YR 2/1 black clay with 1-2mm calcite nodules, medium stiff	602 84	CL				Native material at 13' bgs
14								
15								
16								

Drilled By TEG
Drill Method DPT
Drilling Equipment. Strataprobe

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Hole Size 2"
Total Depth Drilled 14'
Sheet 2 of 2

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HydroGeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA825

Date: 10/6/99
Geologist: R Wallace

SUBSURFACE PROFILE					SAMPLE			Remarks
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	
		Clayey Silt 10YR 3/2 very dark grayish brown clayey silt	618 4	ML				
1		***Clayey Silt*** Clayey silt as above mixed with concrete	617 4	ML	100%	dry	0 0	
2		***Clay*** 10YR 2/2 very dark brown clay, hard with 1-2mm calcite nodules	616 9	CL				
3		***Clay*** 5YR 3/4 dark reddish brown clay, hard, stiff with 1-3mm calcite nodules	615 4	CL	50%	dry	0 0	
4		***Clay*** 5YR 3/4 dark reddish brown clay, hard, stiff	614 9	CL				
5		***Silty Clay*** 10YR 3/6 dark yellowish brown silty clay with 1-2mm calcite nodules	612 9	ML		dry damp	0 0	
6								
7		***Silty Clay*** 10YR 2/1 black silty clay with 1-2mm calcite nodules, medium stiff	610 9	ML		damp	0 0	
8								

Drilled By TEG
Drill Method DPT
Drilling Equipment Strataprobe

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Hole Size 2"
Total Depth Drilled 14'
Sheet 1 of 2

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA825

Date: 10/6/99
Geologist: R Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
9		*Clay* Mottled 5YR 3/4 red brown and 10YR 2/1 black clay, medium stiff	609 65	CL	75%	damp		Concrete at 9 25' bgs
10		*Sandy Silty Clay* 10YR 5/2 grayish brown poorly sorted sandy silty clay, soft Concrete from 9 25 to 9 50' bgs	608 9	MH				
11		*Sandy Silty Clay* 10YR 5/2 grayish brown poorly sorted sandy silty clay, soft Limestone at 11 25' bgs	606 9	MH		damp	0 0	
12								
13		*Silty Sand* 10YR 5/4 yellowish brown fine silty sand with angular gravel, 20mm	605 5	SM		damp -wet	0 0	
14		*Clay* 10YR 7/4 very pale brown clay, soft with 2-4mm chert gravel and quartz At base o section 10YR 2/1 black clay with chert gravel	604 9	CL				
15								
16								

Drilled By TEG
Drill Method· DPT
Drilling Equipment Strataprobe

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Hole Size 2"
Total Depth Drilled 14'
Sheet 2 of 2

676 15.6

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA826

Date: 10/6/99
Geologist: R Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		*Silty Clay* 10YR 3/3 dark brown silty clay, hard with calcite nodules and 5-10mm subrounded limestone gravel (10%)	618 51	CL	100%	dry	3 5	
2								
3		*Silty Clay* Same as above except color change to 10YR 3/4 dark yellowish brown at 3 5'bgs	616 51	CL	75%	dry	3 2	
4								
5		*Clay* 10YR 2/2 very dark brown clay, very stiff with some roots and occasional calcite nodules and quartz gravel (2mm, 3-5%) Below 6' some angular limestone gravel (5-20mm, 25%) hard		CL	80%	dry	1 9	
6					90%	dry	2 7	
7			613 51					
8		*Clay* 10YR 2/2 very dark brown clay, medium stiff	612 51	CL		damp		
9		*Clay* 10YR 2/2 very dark brown clay, soft with 3% subangular chert gravel		CL	90%	damp	2 5	
10			610 01					
11		*Silt* Mottled 10YR 8/2 very pale brown silt, soft with rounded 5mm quartz gravel (3%)	608 51	ML		damp	2 3	
12		*Silt* 10YR 8/2 very pale brown silt, mottled with rounded 5mm quartz gravel	607 51	ML		damp	2 7	
13		*Clay* 10YR 2/1 black clay, hard with 1-2mm calcite nodules	606 51	CL		dry		Out of landfill
14								

Drilled By. TEG

Drill Method· DPT

Drilling Equipment Strataprobe

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Hole Size 2"

Total Depth Drilled. 14'

Sheet· 1 of 1

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA827

Date: 10/6/99
Geologist: R Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1–2		***Clay*** 10YR 3/3 dark brown clay with rounded limestone gravel and 1-2mm calcite nodules (5% gravel), hard	616 31	CL	100%	dry	4 6	
3		***Clay*** Same as above to 3 5' bgs	614 81	CL	60%	dry	3 2	
4		***Silty Gravelly Clay*** 7 5YR 4/2 brown silty gravelly clay mottled with 5YR 4/6 yellowish red poorly sorted silty gravelly clay, very stiff with 20% gravel (quartz, shells, limestone)	614 31	GC				
5–6		***Clay*** 10YR 3/4 dark brown hard clay with calcite nodules (1-2mm) At 5' increasing calcite nodules (10-15mm) and 5mm quartz gravel Unidentified shell fragment	612 31	CL	80%	dry	2 3	
7–8		***Clay*** Same as above from 6 0 to 6 5' bgs From 6 5 to 8 0 change to 2 5YR 4/4 reddish brown clay with 1-2mm calcite nodules (10mm) and shell fragments	610 31	CL	90%	dry	2 3	
9–10		***Clay*** Same as above except medium stiff Occasional lenses of sand	608 31	CL			2 2	Pocket of black stained soil at 9 0 to 9 25' bgs No odor
11–12		***Clay*** 10YR 4/6 dark yellowish brown very stiff clay with limestone nodules From 11-12' change to 10YR 2/1 black medium stiff clay	606 31	CL	90%	dry	2 8	Black staining at 11 5' bgs
13–14		***Gravelly Clay*** 10YR 3/4 dark yellowish brown poorly sorted gravelly clay, very stiff Gravel composed of limestone, quartz (15%) with some shell fragments	604 31	GC	100%	damp	2 3	No landfill

Drilled By TEG

Drill Method DPT

Drilling Equipment Strataprobe

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Hole Size 2"

Total Depth Drilled 14'

Sheet 1 of 1

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HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA828

Date: 10/6/99
Geologist: R Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		*Clay* 10YR 3/3 dark brown clay with rounded limestone gravel and 1-2mm calcite nodules (5% gravel), hard	617 81	CL	100%	dry	1 3	No landfill
2		*Clay* Same as above with angular limestone gravel (25%), 5-15mm	616 81	CL				
3		*Silt* 10YR 8/2 very pale brown silt with limestone gravel and shells	615 81	ML	100%	dry	1 5	No landfill
4		*Clay* Mottled 10YR 8/2 and 10YR 4/6 dark yellowish brown clay, hard, with limestone and quartz gravel (5-20mm)	614 81	CL				
5		*Clay* Same as above to 5' bgs	613 81	CL	100%	dry	1.3	No landfill
6		*Clay* 10YR 2/2 very dark brown hard clay with 1-2mm calcite nodules Occasional 5mm quartz gravel (3%), very stiff	612 81	CL				
7–8		*Clay* Same as 5 to 6' above	610 81	CL	60%	dry	1 2	No landfill
9–10		*Clay* Same as above, stiff Around 9' medium stiff	608 81	CL	100% 100%	dry damp		No landfill
11–12		*Silty Clay* 10YR 2/1 black silty clay with 3% chert gravel, medium stiff	606 81	MH	60%	damp	0 9	
13–14		*Silty Clay* Same as above 10YR 2/1 black silty clay, medium stiff Occasional shells, limestone gravel and chert gravel (15mm), 3%	604 81	MH	100%	damp	1 5	No landfill

Drilled By TEG

Drill Method DPT

Drilling Equipment Strataprobe

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Hole Size 2"

Total Depth Drilled 14'

Sheet 1 of 1

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA829

Date: 3/08/00
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			Remarks
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	
1								
2								
3								
4								
5								
6								
7		*Blind Probe* Blind probe to 14' bgs						
8								
9								
10								
11								
12								
13								
14			601 52					

Drilled By: ESN
Drill Method DPT
Drilling Equipment Strataprobe

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Hole Size 2"
Total Depth Drilled 21'
Sheet 1 of 2

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HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA829

Date: 3/08/00
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
15–16		***Clayey Sand*** Mottled 10YR 3/3 dark brown and 10YR 6/8 brownish yellow and 10YR 6/1 grey poorly sorted clayey coarse sand with 20% angular to subrounded gravel, 5-30mm Gravel composed of limestone, jasper, and quartz	599 52	SC	100%	damp	0 0	Sample collected for VOCs at 15' + MS and MSD No odor
17–18		***Blind Probe*** Blind probe to 19' bgs	596 52					
19–20		***Clayey Sand*** Same as above	595 52	SC	100%	damp		Sample collected for VOCs (TCE) No odor
20–21		***Sandy Clay*** 10YR 4/6 dark yellowish brown fine soft sandy clay	595 02	CL	100%	moist		
21–28		***Sandy Gravel*** 10YR 4/6 dark yellowish brown poorly sorted clayey coarse sandy gravel, 50% Gravel is subangular to rounded 5-30mm, composed of quartz, limestone, and chert	594 52	GM	100%	wet		

Drilled By ESN
Drill Method DPT
Drilling Equipment: Strataprobe

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Hole Size 2"
Total Depth Drilled 21'
Sheet 2 of 2

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA831

Date: 10/8/99
Geologist: R Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1								M-1 cartridges near surface sample
2		***Blind Probe*** Blind probe to 4' bgs						
3			613 71					
4		***Silty Sandy Clay*** 10YR 3/3 dark brown silty fine sandy clay with 15% subangular to subrounded quartz and limestone gravel (3-15mm), medium stiff		ML	100%	damp	0 0	Collected B-831-02 at 0945 No debris
5								
6			611 71					
7		***Blind Probe*** Blind probe to 9' bgs						
8								
9			608 71					
10		***Clay*** 5YR 3/3 dark reddish brown medium stiff clay with 5% angular limestone gravel (5-10mm)		CL	50%	damp	0 0	Collected BHGLTA831-03 at 1000 No debris Black stained soil at 9 5 to 10' depth with asphalt/creosote odor
11			606 71					
12		***Blind Probe*** Blind probe to 14' bgs						
13			603 71					
14		***Clay*** 7 5YR 4/1 dark gray silty medium stiff clay with calcium nodules 1-3mm, 5% Some gravel between 15 and 16' depth, 20% subrounded quartz and limestone (5-20mm)		CL	100%	damp	0 0	Collected BHGLTA831-04 at 1025 No debris
15								
16			601 71					
17		***Blind Probe*** Blind Probe to 19' bgs						
18								
19			598 71					
20		***Sandy Clayey Silt*** Mottled 10YR 4/1 dark gray and 10YR 7/8 yellow poorly sorted fine sandy clayey silt		ML	90%	moist		Metal wire and dark stained blotches of soil with asphalt appearance
21			596 71					
22		***Blind Probe***	595 71					
23		***Sandy Gravel*** 5YR 7/2 light gray fine sandy gravel Gravel is 65-70%, rounded to subrounded chert and quartz, 5-30mm		GC				Water at 23' bgs Limestone bedrock refusal at 24' bgs will offset to collect additional sample
24			593 71					

Drilled By TEG
Drill Method DPT
Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"
Total Depth Drilled 24'
Sheet 1 of 1

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HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA832

Date: 3/08/00
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1 2 3		*Blind Probe* Blind probe to 4' bgs						
4 5 6		*Clay* 10YR 2/1 black very stiff clay with 1-2mm calcium nodules and 2% very coarse sand, subrounded		CL	100%	dry	0 0	Sample collected for Pb, tolu
7 8 9		*Blind Probe* Blind probe to 9' bgs						
10 11		*Silty Clay* Mottled 10YR 2/1 black and 10YR 5/8 yellowish brown stiff silty clay with 10% very coarse sand (well rounded jasper and quartz)		ML	100%	damp	0 0	Sample collected for metals,
12 13 14		*Blind Probe* Blind probe to 14' bgs						
15 16		*Silty Clay* 10YR 2/1 black medium stiff silty clay with 5% fine gravel, 5-10mm subangular		ML		damp	0 0	Sample collected for metals,
17 18 19		*Blind Probe* Blind probe to 19' bgs						
20 21		*Sand* 10YR 6/3 pale brown sand with 10% subrounded quartz gravel 5-20mm, and angular limestone 5-20mm		SW		damp	0 0	Sample collected for chromi

Drilled By: ESN
Drill Method DPT
Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
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Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"
Total Depth Drilled: 21'
Sheet 1 of 1

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA833

Date: 3/08/00
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Clay 10YR 3/3 dark brown silty soft clay with trace of fine sand		CL	100%	moist	0 0	
1								
2		*Blind Probe* Blind probe to 4' bgs						
3								
4		*Silty Clay* 10YR 3/1 black silty clay with 1-2mm calcium nodules and coarse sand and gravel, subangular 2% Limestone cobble at 4 25', 30mm		ML	100%	damp	0 0	Sample collected for VOCs
5								
6								
7		*Blind Probe* Blind probe to 9' bgs						
8								
9		*Sand* Cement 9-9 5' bgs 10YR 6/4 light yellowish brown fine sand, well sorted to 10 5'		SP	100%	dry	0 0	Sample collected for VOCs
10								
11		*Silty Clay* 10YR 3/1 poorly sorted fine sandy, silty medium stiff clay with subrounded to rounded gravel, 5% jasper/chert (red) and limestone		ML		damp		
12								
13		*Blind Probe* Blind probe to 14' bgs						
14								
15		*Sandy Clay* 10YR 5/2 grayish brown poorly sorted coarse sandy and fine sandy clay, medium stiff with calcite banding		CL	100%	damp		Sample collected for VOCs
16								
17		*Blind Probe* Blind probe to 19' bgs						
18								
19		*Sandy Clay* Same as above to 20' bgs		ML		moist	0 0	Sample collected for VOCs
20		*Clayey Gravel* 10YR 6/3 poorly sorted soft clayey gravel Gravel is 25%, subangular to subrounded		GC		moist		
21								

Drilled By ESN
Drill Method DPT
Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
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Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"
Total Depth Drilled 21'
Sheet 1 of 1

676 161

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA834

Date: 3/08/00
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		No description						Sample collected for metals,
1 2 3		***Blind Probe*** Blind probe to 4' bgs						
4 5 6		***Silty Clay*** 10YR 4/4 dark yellowish brown poorly sorted very stiff silty clay with fine to coarse sand and gravel Gravel is 5%, subrounded to subangular 2-10mm jasper, quartz and limestone		ML	100%	dry	0 0	Sample collected for VOCs
7 8		***Blind Probe*** Blind probe to 9' bgs						
9 10		***Silty Clay*** Same as above		ML	100%	dry	0 0	Sample collected for VOCs
11		***Silty Clay*** Mottled 5YR 3/2 dark reddish brown and 10YR 4/6 yellowish red hard silty clay		ML	100%	dry		
12 13 14		***Blind Probe*** Blind probe to 14' bgs						
15 16		***Sandy Clay*** 10YR 5/8 yellowish brown poorly sorted coarse sandy silty very stiff clay with calcite banding		CL	100%	dry	0 0	Sample collected for VOCs
17 18		***Blind Probe*** Blind probe to 19' bgs						
19 20		***Sandy Clay*** Same as above with increasing gravel 5-20mm, subrounded to rounded quartz, chert, and limestone		CL	100%	moist		Sample collected for VOCs
21		***Sand*** 10YR 7/3 very pale brown well sorted fine		GC	100%	wet	0 0	

Drilled By ESN

Drill Method DPT

Drilling Equipment Strataprobe

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Hole Size 2"

Total Depth Drilled. 21'

Sheet 1 of 1

676 165

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

***Borehole ID:* BHGLTA839**
Date: 3/8/00
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		*Clay* 10YR 3/3 dark brown silty medium stiff clay with 2-4mm subrounded gravel, approx 3%, and 1-2mm calcium nodules		CL			0 0	No odor
2		*Clayey Sand* Mottled 10YR 2/1 black and 10YR 5/6 yellowish brown poorly sorted clayey silty coarse sand with gravel 10% 5-30mm angular to subangular limestone		SC			0 0	No odor
3		*Silty Clay* 10YR 2/2 very dark brown medium stiff silty clay		CL			0 0	Offset boring to collect samp between 3 5 - 4 0' bgs
4								No odor

Drilled By ESN
Drill Method DPT
Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
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Hole Size 2"
Total Depth Drilled 4'
Sheet. 1 of 1

676 166

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA842

Date: 3/09/00
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Silt 10YR 3/3 dark brown silt with angular fill gravel		ML		dry		Sample collected for metals at 0-0 5'
1								
2								
3								
4								
5		***Blind Probe*** Blind probe to 10' bgs						
6								
7								
8								
9								
10		***Silt*** Mottled 10YR 7/1 light grey, 10YR 4/6 dark yellowish brown, and 10YR 8/6 yellow gravelly silt Gravel 15-20% Limestone gravel is 5-30mm and angular Quartz gravel is 1-10mm and rounded Also some light brown chert, 5mm subrounded		ML	100%	dry	0 0	Sample collected at 11' for VOCs
11								
12								

Drilled By ESN
Drill Method DPT
Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
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Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"
Total Depth Drilled 12'
Sheet. 1 of 1

HYDRO GeoLogic INC.

Project No: AFC001-023E
Project: NAS FTW Landfill RFI
Client: AFCEE
Location: LF-8

Borehole ID: BHGLTA843

Date: 3/08/00
Geologist: Robert Wallace

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1								
2								
3								
4		***Blind Probe*** Blind probe to 9' bgs						
5								
6								
7								
8								
9		*Clay* 10YR 4/3 brown soft clay with calcium nodules		CL		moist	0 7	Collected sample at 9' bgs f
				ML		wet		Water at 9 25' bgs
10		*Silty Clay* 10YR 6/8 brownish yellow soft silty clay						
		Refusal - bedrock limestone saprolite at 9 5'						
11								
12								

Drilled By: ESN

Drill Method DPT

Drilling Equipment Strataprobe

HydroGeoLogic, Inc.
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Herndon, VA 20170
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Hole Size 2"

Total Depth Drilled· 9 5'

Sheet 1 of 1

MONITORING WELLS

HYDRO GeoLogic

Boring Log

676 169

Project No: AFC001-023E
Project Name: NAS Fort Worth JRB
Site Name: CAFB
LTCCODE: WL
AFIID: CRSWL
LOCID: WHGLTA002
ESCCODE: HGL

Drilling Company: Dixie Drilling
Date, Time Drilling Started: 8/22/97, 1040
Date, Time, Total Depth Reached: 8/22/97, 1130, 20'
Total Drilled Depth 20 ft bgs
Hydrogeologist: Costello
WELCODE. USAF
GFCCODE: C

Depth	Description	Depth/Elev	Well Data	ASTMCODE	STATDEPTH	Remarks
1	10 YR 6/3 silty fill material w/ rock fragments			SP		OVA Readings
2		2 607		SP		0-1' 4 6ppm, 1 2 in BZ
3	10 YR 6/2 Brown silty fill with rock fragments	3 606		SP		1-2' 5 3ppm
4	10 YR 3/1 Dark brown silty fill with rock fragments			SP		2-3' 3 2ppm
5		5 604				3-5' 5 7ppm
6						6' 4 7ppm
7	10 YR 3/4 Light brown silty clay with rock fragments			SP		8' 6 3ppm
8						12' 5 2ppm
9						14' 4 3ppm, 0 9 in BZ
10		10 599				18' 5 6ppm
11						
12	10 YR 6/3 Light brown silty clay mottled, with rock fragments			CL	14 0	
13						
14		14 595				Water at 14' bgs
15						
16						
17	10 YR 5/4 moist sandy silt			SM		
18						
19						
20		20 589				Stopped boring b/c of bedrock
21	Grey shale bedrock					Will install well
22		22 587				

Drilled By Chuck Delisi
Drill Method HSA
Drilling Equipment D-120
Borehole Diameter, 8 1/2"

Type of Sampling Device HSA w/ continuous spoon
SAQCODE TA
GZCCODE W

HYDRO GeoLogic Inc.

676 170

Boring Log

Project No: AFC001-023E	Drilling Company: Dixie Drilling
Project Name: NAS Fort Worth JRB	Date, Time Drilling Started: 8/25/97, 1000
Site Name: CAFB	Date, Time, Total Depth Reached: 8/25/97, 30'
LTCCODE: WL	Total Drilled Depth: 30 ft bgs
AFIID: CRSWL	Hydrogeologist: Costello
LOCID: WHGLTA003	WELCODE: USAF
ESCCODE: HGL	GFCCODE: C

Depth	Description	Depth/Elev	Well Data	ASTMCODE	STATDEPTH	Remarks
1, 2, 3, 4	2 5 YR 4/4 Red brown clay fill			CL		OVA Readings 0-1' 0 6ppm 1-2' 0ppm 2-3' 0ppm 3-4' 0ppm 6-7' 0ppm 8-9' 0ppm 16-17' 0ppm
5		5 / 609				
6, 7, 8, 9	10 YR 5/4 Brown clayey sand with clay lenses			SC		
10		10 / 604				
11, 12, 13, 14	Not much recovery from 10-15' Last foot was light brown fine sand with silt, 7 5 YR 5/4			SM		Barrel was wet at 14 ft bgs (perched)
15		15 / 599				
16, 17, 18, 19	Very poor recovery Same as above			SM		
20		20 / 594				
21, 22						

Drilled By Chuck Delisi	Type of Sampling Device 5' Continuous Barrel
Drill Method HSA	SAQCODE. TA
Drilling Equipment D-120	GZCCODE W
Borehole Diameter: 10 1/2"	

HYDRO GeoLogic INC.

Boring Log

676 171

Project No: AFC001-023E
Project Name. NAS Fort Worth JRB
Site Name: CAFB
LTCCODE: WL
AFIID: CRSWL
LOCID: WHGLTA003
ESCCODE HGL

Drilling Company: Dixie Drilling
Date, Time Drilling Started: 8/25/97, 1000
Date, Time, Total Depth Reached: 8/25/97, 30'
Total Drilled Depth: 30 ft bgs
Hydrogeologist: Costello
WELCODE: USAF
GFCCODE: C

Depth	Description	Depth/Elev	Well Data	ASTMCODE	STATDEPTH	Remarks
23	Very poor recovery Light brown fine sand with gravel and cobbles			GP	25 0	
24						
25		25 / 589				Water at 25 ft bgs
26						
27	Hit bedrock at 30 ft bgs Lt brown 7 5 YR 5/4 Wet fine sr sd with grey and cobbles					
28						
29						
30		30 / 584				
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						

Drilled By Chuck Delisi
Drill Method HSA
Drilling Equipment D-120
Borehole Diameter 10 1/2"

Type of Sampling Device 5' Continuous Barrel
SAQCODE TA
GZCCODE W

HYDRO GeoLogic INC.

676 172

Boring Log

Project No: AFC001-023E
Project Name: NAS Fort Worth JRB
Site Name: CAFB
LTCCODE: WL
AFIID: CRSWL
LOCID: WHGLTA004
ESCCODE: HGL

Drilling Company: Dixie Drilling
Date, Time Drilling Started: 8/25/97, 1500
Date, Time, Total Depth Reached: 8/25/97, 1630, 24'
Total Drilled Depth: 24 ft bgs
Hydrogeologist: M Rodtang
WELCODE: USAF
GFCCODE: C

Depth	Description	Depth/Elev	Well Data	ASTMCODE	STATDEPTH	Remarks
1–2	10 YR 4/2 Brown very fine sandy silt w/ rounded quartz coarse sand	2		SM		Concrete from 1 - 3'
3–6	No recovery from 2 - 6', dry	613 6				OVA Readings 6-8' 0ppm 12-15' 0 3ppm 15-20' 0ppm 20-24' 0ppm
7–8	10 YR 4/2 Brown very fine sandy silt w/ rounded quartz coarse sand, dry 2' out 5' recovery	609 8				
9–12	Same to 12'	607 12		SM		The readings from the breathing zone were all 0 0ppm
13–15	10 YR 2/1 Dark gray silty clay, moist, medium, stiff	603 15		OH		
16–20	10 YR 4/1 olive gray medium stiff clay, moist	600 20		OH		
21–23	2 5 Y 6/3 Pale yellow brown clay, moist grading to coarse, well rounded sandy clay becoming more moist	595 23		OH		
24–25	2 5 Y 6/6 yellow orange silty, fine to coarse sandy to fine gravel, wet	592 24 591		GM		Auger refusal Limestone with small 4-5mm brachiopods, light gray

Drilled By. Chuck Delisi
Drill Method HSA
Drilling Equipment D-120
Borehole Diameter 8 1/4"

Type of Sampling Device. 5' Split Spoon
SAQCODE. TA
GZCCODE. W

HYDRO GeoLogic INC.

Borehole ID: WHGLTA801

Project No: AFC001-024C
Project: NAS Fort Worth JRB
Client: AFCEE
Location: LF-8/ SWMU 25
Northing: 6962790 06

Date: 10/28/99
Geologist: Nielsen/ Webster
Ground Surface Elevation: 601 83
Easting: 2295857.8

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1 2		***Clayey Gravel*** Clayey gravel, poorly sorted, medium to low plasticity, stiff to loose, dry, 10YR 3/3 dark brown	598 83		80%			Gravelly and grassy surface 30-40% gravel
3 4		***Silty Clay*** Silty clay, moderate sorting, high plasticity, firm, damp, 10YR 3/2 very dark grayish brown			100%	Damp	29	Some small calcareous nodules
5 6			594 83		100%		0 0	Collected WHGLTA801-02 from 5 - 7' at 1150
7 8		***Clayey Gravel with Silt*** Clayey gravel with silt, poorly sorted, moderate to low plasticity, moist, 10YR 5/8 yellowish brown	592 83			Moist	0 0	
9 10		***Silty Gravel*** Silty gravel, poorly sorted, low plasticity, hard, 10YR 6/5 brownish yellow			50%			Collected WHGLTA801-03 from 10 - 11' at 1210

Drilled By TSS
Drill Method. HSA
Drilling Equipment. B-59

HydroGeoLogic, Inc.
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Herndon, VA 20170
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Hole Size 8"
Total Depth Drilled. 14 5'
Sheet. 1 of 2

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HYDRO GeoLogic INC.

Borehole ID: WHGLTA801

Project No: AFC001-024C
Project: NAS Fort Worth JRB
Client: AFCEE
Location: LF-8/ SWMU 25
Northing: 6962790.06

Date: 10/28/99
Geologist: Nielsen/ Webster
Ground Surface Elevation: 601 83
Easting: 2295857.8

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
			590 83		50%		0 0	
11		*Gravelly Sandy Clay* Gravelly sandy clay, very poorly sorted, moderate plasticity, firm to loose, saturated, 10YR 5/4 yellowish brown	589 83		50%	Sat	0 0	
12		*Clayey Sandy Gravel* Clayey sandy gravel, very poorly sorted, moderate to low plasticity, firm to loose, saturated, 10YR 5/6 yellowish brown	587 83		75%	Sat	0 0	
13								
14		*Clay Shale* Clay shale, very hard, dry, gley1 4/1 dark gray	587 33					Bedrock at 14 5'
15								Total depth at 14 5 bgs
								DTW at 11'
16								Well Installed
17								
18								
19								
20								

Drilled By: TSS
Drill Method. HSA
Drilling Equipment B-59

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Hole Size: 8"
Total Depth Drilled 14 5'
Sheet: 2 of 2

Borehole ID: WHGLTA802

HYDRO GeoLogic INC.

Project No: AFC001-024C
Project: NAS Fort WorthJRB
Client: AFCEE
Location: LF-8/ SWMU 25
Northing:

Date: 10/28/99
Geologist: Nielsen/ Webster
Ground Surface Elevation:
Easting:

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Silty Gravel (Caliche) Silty gravel (Caliche), hard, dry, no plasticity, 5 5YR 7/2 darkish gray, poorly sorted			100%	Dry	0 0	Gravelly and grassy surface
1								30 40% gravel
2					20%		0 0	
3		*Silty Gravel with Sand* Silty gravel with sand, low plasticity, firm to loose, wet, poorly sorted, 10YR 6/4 light yellowish brown						
4					25%	Wet	0 0	
5		*Silty Gravel with Sand* Silty gravel with sand, low plasticity, saturated			100%	Sat	0 0	Gravel to 5 5'
6		*Clayey Shale* Clayey shale, hard, dry, Gley 1 4/ very dark grey						Clayey shale from 5 5 to 7'
7								total depth at 7' bgs
								No well instaled
8								
9								
10								

Drilled By. TSS
Drill Method: HSA
Drilling Equipment: B-59

HydroGeoLogic, Inc.
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Hole Size 8"
Total Depth Drilled 7'
Sheet 1 of 1

676 176

HYDRO GeoLogic INC.

Borehole ID: WHGLTA803

Project No: AFC001-024C
Project: NAS Fort Worth JRB
Client: AFCEE
Location: LF-8/ SWMU 25
Northing: 6962524 15

Date: 10/28/99
Geologist: Nielsen/ Webster
Ground Surface Elevation: 602 43
Easting: 2296040 83

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1–2		***Silty Clay*** Silty clay, moderate plasticity, hard, dry, moderately sorted, 10YR 4/3 brown	600 43		100%	Dry	0 0	
3–4		***Silty Clay*** Silty Clay, moderate plasticity, hard, dry, moderately sorted, 10YR 6/2 light brownish gray	598 43		45%	Dry	0 0	
4–5		***Gravelly Sand with Silt*** Gravelly sand with silt, low plasticity to none, damp, moderately well sorted, 10YR 7/6 yellow	597 43		100%	Damp		
5–7		***Sand with some Gravel*** Sand with some gravel(small), loose, damp, moderately to wells sorted, 10YR 7/6 yellow	595 43		60%	Damp		
7–9		***Sand with some Gravel*** Sand with some gravel, loose, moist, well sorted, 10YR 6/8 brownish yellow	593 43		40%	Moist		Saturation starts at 9-10'
9–10		***Sand*** Sand, loose, moist, well sorted, 10YR 6/8 brownish yellow, saturated	591 93			Sat.		Bedrock at 10 5 - 11'
10–12		***Bedrock***	590 43		100%			Total depth at 12' bgs Well Installed
12–15								

Drilled By. TSS
Drill Method HSA
Drilling Equipment B-59

HydroGeoLogic, Inc.
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Hole Size· 8"
Total Depth Drilled 12'
Sheet: 1 of 1

HYDRO GeoLogic INC.

Borehole ID: WHGLTA804

Project No: AFC001-024C
Project: NAS Fort Worth JRB
Client: AFCEE
Location: LF-8/ SWMU 25
Northing:

Date: 10/28/99
Geologist: Nielsen/ Webster
Ground Surface Elevation:
Easting:

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		*Gravelly Clay (Caliche)* Gravelly clay (caliche), poorly sorted, hard, low plasticity, 10YR 5/6 yellowish brown			100%			
2		*Sandy Clay* Sandy clay, high to moderate plasticity, firm, moderately sorted, 10YR 5/6 yellowish brown						
3					100%			
4								
5		*Sand* Sand, saturated, traces of gravel, loose, no plasticity, 10YR 6/6 brownish yellow				Sat		
6								
7								
8								
9		*Bedrock* Dark grey clayey shale						Total depth at 9' bgs Bedrock at 9'
10								No Well Installed

Drilled By TSS
Drill Method HSA
Drilling Equipment B-59

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size: 8"
Total Depth Drilled: 9'
Sheet 1 of 1

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HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: LF-05

Borehole ID: WITCTA057

Date: 04/20/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Silty Clay*** 5YR 3/3 dark reddish brown silty clay, roots and rootlets, moist, 5YR 8/1 white calcite-like material from 4 to 5'						
2						moist		
3								
4			618 05					
5		***Sandy Clay*** 2 5YR 4/6 red fine sandy clay, few gravels, medium sandy clay at 10'						
6					90%			
7								
8								
9								Well construction
10			612 05					25' x 2" sch 40 PVC
11					80%	moist		riser casing from
12								surface to 17'
13								Bentonite plug from
14								17 to 19'
15								20-40 silica sand from
16								19 to total depth

Drilled By. Associated

Drill Method HSA

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
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(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 41 0'

Sheet 1 of 3

HYDRO GeoLogic INC.

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: LF-05

Borehole ID: WITCTA057

Date: 04/20/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Sand*** 10YR 8/4 very pale yellow sand, fine-grained, 1 5-2 0*, dry to moist, saturated at 29'			50%			20' x 2" sch 40 PVC
18								0 010 slotted screen
19								from 21 to 41'
20								
21					60%			
22								
23								
24								
25								
26					60%			
27								
28								
29						satur-at		
30								
31								
32								

Drilled By Associated

Drill Method HSA

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 41 0'

Sheet 2 of 3

676 180

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: LF-05

Borehole ID: WITCTA057

Date: 04/20/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
					50%			
33								
34								
35								
36					60%			
37								
38								
39			583 05					
		Clay Light gray to dark gray clay, limestone and chert grains at 39'						
40								
41			581 05					
42								
43								
44								
45								
46								
47								
48								

Drilled By Associated

Drill Method HSA

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 41 0'

Sheet 3 of 3

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: LF-05

Borehole ID: WITCTA058

Date: 04/20/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Clayey Sand*** 5YR 3/3 dark reddish brown clayey sand with silt and gravel, slightly moist			100%	moist		
2								
3								
4								
5								
6					100%			
7								
8								
9								Well construction
10			611 52					25' x 2" sch 40 PVC
11					50%			riser casing from
12								surface to 15'
13								Bentonite plug from
14								15 to 17'
15								20-40 silica sand from
16								17 to total depth

Drilled By Associated

Drill Method HSA

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 40 0'

Sheet 1 of 3

676 182

HYDRO GeoLogic INC.

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: LF-05

Borehole ID: WITCTA058

Date: 04/20/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
		Sand 10YR 8/4 very pale yellow sand, fine-grained, gravelly from 10 to 12 5', clayey from 10 to 14 ft , saturated at 30 ft						
17					60%			20' x 2" sch 40 PVC
18								0 010 slotted screen
19								from 20 to 40'
20								
21					40%			
22								
23								
24								
25								
26					50%			
27								
28								
29						satur-at		
30								
31								
32								

Drilled By Associated

Drill Method HSA

Drilling Equipment. StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled· 40 0'

Sheet 2 of 3

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: LF-05

Borehole ID: WITCTA058

Date: 04/20/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
					40%			
33								
34								
35								
36					60%			
37								
38			583 52					
		Clay Gray clay, some gravel at 38 ft						
39								
40			581 52					
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By Associated

Drill Method HSA

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 40 0'

Sheet 3 of 3

676 181

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: LF-05

Borehole ID: WITCTA059

Date: 04/21/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Silty Sandy Clay*** 7 5YR 4/3 brown silty to fine sandy clay, few roots and gravel in upper 3 inches along with trash, cans, paper, and plastic, moist			60%	moist		
2								
3								
4								
5								
6					50%			
7								
8								
9			608 29					Well construction
10		***Sandy Clay*** 7 5YR 4/3 brown and light gray sandy clay, very fine with 1-ft layer of fine sand, moist						25' x 2" sch 40 PVC
11					50%	moist		riser casing from
12								surface to 12'
13								Bentonite plug from
14			603 29					12 to 14'
15								20-40 silica sand from
16								14 to total depth

Drilled By Associated

Drill Method HSA

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 37 0'

Sheet 1 of 3

HYDRO GeoLogic INC.

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: LF-05

Borehole ID: WITCTA059

Date: 04/21/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Sand*** 10YR 8/4 very pale yellow sand, fine-grained, 1 5-2 5*, moist to saturated at 25 ft			60%			20' x 2" sch 40 PVC
18								0 010 slotted screen
19								from 17 to 37'
20								
21					60%			
22								
23								
24								
25								
26					70%			
27								
28								
29						satur-at		
30								
31								
32								

Drilled By Associated

Drill Method HSA

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 37 0'

Sheet 2 of 3

676 186

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: LF-05

Borehole ID: WITCTA059

Date: 04/21/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
					50%			
33								
34								
35			582 29					
		Limestone Dark and light gray limestone, hard drilling			100%			
36								
37			580 29					TD at 37 0' bgs
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								

Drilled By Associated

Drill Method HSA

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 37 0'

Sheet 3 of 3

HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: LF-05

Borehole ID: WITCTA060

Date: 04/21/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
1		***Clay*** 7 5YR 5/6 strong brown clay with gravel and roots in upper 3 inches, trash, plastic, metal, paper, moist			90%	moist		
2								
3								
4								
5								
6					0%			
7								
8								
9								Well construction
10			599 96					16' x 2" sch 40 PVC
11					20%	moist		riser casing from
12								surface to 16'
13								Bentonite plug from
14								14 to 16'
15								20-40 silica sand from
16								16 to total depth

Drilled By Associated

Drill Method HSA

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size 2"

Total Depth Drilled 31 0'

Sheet 1 of 2

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HYDRO GeoLogic INC

Project No: AFC001-024C

Project: NAS FW Landfill RFI

Client: AFCEE

Location: LF-05

Borehole ID: WITCTA060

Date: 04/21/00

Geologist: D Holman

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	Remarks
17		***Sand*** 10YR 8/4 very pale yellow sand, fine-grained, 1 5-2 5*, carbonate gravel at 29 ft , moist to saturated at 20 ft			40%			15' x 2" sch 40 PVC
18								0 010 slotted screen
19								from 16 to 31'
20								
21					60%	satur-ated		
22								
23								
24								
25								
26					80%			
27								
28								
29			580 96					
30		***Limestone*** Gray limestone, dry			100%			
31			578 96					
32								

Drilled By· Associated

Drill Method HSA

Drilling Equipment StrataProbe

HydroGeoLogic, Inc.
1155 Herndon Pkwy, Suite 900
Herndon, VA 20170
(703) 478-5186 FAX (703) 471-4180

Hole Size· 2"

Total Depth Drilled 31 0'

Sheet 2 of 2

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TAB

APPENDIX B

APPENDIX B

FIELD SAMPLING FORMS

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION (AFIID) CRSWL

PROJECT (LOCID). NAS Fort Worth JR B

SITE (SITEID): LF-04

LOGCODE.

SAMPLE INFORMATION

SAMPLE ID THGLTA001-01

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF. N/A

SAMPLING METHOD. HA

SACODE: N1

BEGINNING DEPTH 0.2'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 0.5'

LOTCTLNUM: 011A

GRAB (X) COMPOSITE ( )

DATE: 8/21/97 TIME: 11:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	< 4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	METALS
				SWCVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR Brown Silty Clay, dry	
2nd	ODOR None	
	OTHER:	

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION from South AMBIENT TEMP 85-90

SHIPMENT VIA. FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. Quanterra Lab 5910 Breckinridge Parkway, Tampa, FL

COMMENTS.

SAMPLER Eric Dambaugh OBSERVER: Mike Redtang

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BR=BRASS RING	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	CS=COMPOSITE SAMPLE	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	C=CONTINUOUS FLIGHT AUGER	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAP\WIPE	DT=DRIVEN TUBE	SS=SPLIT SPOON
		W=SWAB\WIPE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID). NAS Fort Worth JR B

SITE (SITEID): LF04-01

LOGCODE:

SAMPLE INFORMATION

SAMPLE ID: THGLTA001-02

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF. N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: 8.0'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 8.5'

LOTCTLNUM: 055A

GRAB ( ) COMPOSITE ( )

DATE: 8/27/97 TIME: 11:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	< 4°C		SW 8260A	VOCs
8oz Glass	1	↓		SW 8270B	SVOCs
8oz Glass	1	↓		SW 6010A	METALS
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR dark brown silty clay	Max Pid in trench
2nd 0ppm	ODOR: No odor	was 68ppm.
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ~90°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER: ____

SHIPPED TO. ____

COMMENTS: Quanterra Lab 5910 Breckinridge Pkwy Tampa, FL

SAMPLER: Ken Hurley OBSERVER: ____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF-04

LOGCODE:

SAMPLE INFORMATION

SAMPLE ID: TIHGL TA002-011

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF: N/A

SAMPLING METHOD: HA

SACODE: N1

BEGINNING DEPTH: 0.2'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH: 0.5'

LOTCTLNUM: 011A

GRAB (X) COMPOSITE ( )

DATE: 9/21/97 TIME: 11:40

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	< 4°C		SW8260A	VOC
8oz GLASS	1			SW 8270B	SVOC
8oz GLASS	1			SW 6010A	Metals
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: Brown silty clay, dry	
2nd	ODOR: None	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION from S AMBIENT TEMP 85°

SHIPMENT VIA. FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER. Eric Dambaugh OBSERVER: Mike Rodtang

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF04 → THGLTA002

LOGCODE:

SAMPLE INFORMATION

SAMPLE ID: THGLTADUP01

SAMCODE: ~~FD1~~

MATRIX (IRPIMS): SO

DUP./REP. OF: THGLTA002-01

SAMPLING METHOD: HA

SACODE: FD1

BEGINNING DEPTH: 0.2'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 0.5'

LOTCTLNUM: 011A

GRAB (X) COMPOSITE ( )

DATE: 9/21/97 TIME: 12:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" 5.5 Sleeve		<4°C		8260A	VOCs
8oz Glass		↓		8270B	SVOCs
8oz Glass		↓		6010A	Metals
		↓		CVAA	Hg
		↓		6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: Brown silty clay, dry	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION from S AMBIENT TEMP 85°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER: M. Rodtang

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF04, THGLTA002

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA002-02

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: G

DUP./REP. OF: N/A

SACODE: N1

BEGINNING DEPTH: 12.5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 13.0'

LOTCTLNUM: 077A

GRAB (X) COMPOSITE ( )

DATE: 9/2/97 TIME: 14:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz JAR		<4°C		SW8260A	VOCs
8oz JAR		↓		SW8270B	SVOCs
8oz JAR		↓		SW6010A	METALS
		↓		SWCVAA	Hg
		↓		SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 1ppm	COLOR: Olive yellow chalky clay	MAX PID in trench WAS
2nd	ODOR: NONE	21.0ppm at 8' BGS.
	OTHER:	

GENERAL INFORMATION

WEATHER. SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION N AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF04 - THGLTA003

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA003-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: N/A

SACODE: N1

BEGINNING DEPTH: 0.2'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 0.5'

LOTCTLNUM. 011A

GRAB (X) COMPOSITE ( )

DATE: 8/21/97 TIME: 14:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" Sleeve/Stainless	1	< 4°C		SW8260A	VOCs
8oz JAR	1			SW8270B	SVOCs
8oz JAR	1			SW6010A	METALS
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR. Brown Silty clay	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. Quanterra Lab, 5910 Breckinridge PKwy, Tampa FL

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER: M. Redtang

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF04, THGLTA003

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA003-02

SAMCODE: ~~N/A~~

MATRIX (IRPIMS): SO

DUP./REP. OF: ~~N/A~~ N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: 12.8'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 13.3'

LOTCTLNUM: 088A

GRAB (X) COMPOSITE ( )

DATE: 9/3/97 TIME: 9:20

CONTAINER SIZE/TYPE	CONTAINER #	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz JAR	1	<4°C		SW8260A	VOCs
8oz JAR	1	↓		SW8270B	SVOCs
8oz JAR	1			SW6010A	Metals
				SWCVAA	Hg
		↓		SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: dark yellowish brown clay	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90°F

SHIPMENT VIA. FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS. ____

SAMPLER: Ken Hurley OBSERVER: ____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF04 → THGLTA004

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID. THGLTA004-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: N/A

SACODE. N1

BEGINNING DEPTH: 0.2'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 0.5'

LOTCTLNUM: 011A

GRAB (X) COMPOSITE ( )

DATE: 21 Aug 97 TIME: 13:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" sleeve, stainless	1	< 4°C		SW8260A	VOCs
8oz JAR	1	↓		SW8270B	SVOCs
8oz JAR	1			SW6010A	Metals
				SWCVAA	Hg
		↓		SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: Brown silty clay, dry	
2nd	ODOR:	
	OTHER.	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 85-90°F

SHIPMENT VIA FED-X X HAND DELIVER ____ COURIER ____ OTHER: ____

SHIPPED TO. Quanterra Lab, 5910 Breckinridge PKwy, Tampa, FL

COMMENTS.

SAMPLER: Eric Dambaugh OBSERVER. Mike Redtang

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF04 → THGLTA004

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA004-02

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: G

DUP./REP. OF: N/A

SACODE: N1

BEGINNING DEPTH: 12.5

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 13.0

LOTCTLNUM: 088A

GRAB (X) COMPOSITE ( )

DATE: 9/3/97 TIME: 11:20

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz JAR	1	<4°C		SW8260A	VOCs
8oz JAR	1	↓		SW8270B	SVOCs
8oz JAR	1			SW6010A	Metals
				SWCVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR dark yellowish brown clay	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION N AMBIENT TEMP 90-95

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID) CRSWL

PROJECT (LOCID). NAS Fort Worth JR B

SITE (SITEID): LF04 → THGLTA005

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA005-02

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: N/A

SACODE: N1

BEGINNING DEPTH: 0.2'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 0.5'

LOTCTLNUM. 022A

GRAB (X) COMPOSITE ( )

DATE. 8/22/97 TIME. 15:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" Sleeve/stainless	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SWCVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: Brown silty clay	
2nd	ODOR:	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ~95°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER. Jim Costello

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID) NAS Fort Worth JR B

SITE (SITEID): LF04 - THGLTA005

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA005-02

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF : N/A

SAMPLING METHOD: G

SACODE. N1

BEGINNING DEPTH: 9.5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 10.0'

LOTCTLNUM. 088A

GRAB (X) COMPOSITE ( )

DATE: 9/3/97 TIME: 15:20

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	< 4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1			SW6010A	Metals
				SWCVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: Strong Brown silty clay	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 95°

SHIPMENT VIA. FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF04 → THGLTA006

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA006-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: HA

DUP /REP. OF: N/A

SACODE: N1

BEGINNING DEPTH: 0.2'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH 0.5'

LOTCTLNUM: 022A

GRAB (X) COMPOSITE ( )

DATE: 8/22/97 TIME: 15:35

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" sleeve/stainless	1			SW8260A	VOCs
8oz JAR	1			SW8270B	SVOCs
8oz JAR	1			SW6010A	Metals
				SW6VAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR Brown silty clay, dry	
2nd	ODOR:	
	OTHER.	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 95

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER: Jim Costello

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF04 → THGLTA006

LOGCODE: AGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA006-02

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: G

DUP /REP. OF: N/A

BEGINNING DEPTH: 12.0'

SACODE: N1

END DEPTH: 12.5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

LOTCTLNUM: 099A

GRAB (X) COMPOSITE ( )

DATE: 9/4/97 TIME: 9:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1			SW6010A	Metals
				SWCVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: Strong brown clay	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90-95°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF04 - THGLTA007

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA007-01

MATRIX (IRPIMS). SO

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: N/A

SACODE: N1

BEGINNING DEPTH: 0.2'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

END DEPTH: 0.5'

LOTCTLNUM. 099A

GRAB (x) COMPOSITE ( )

DATE: 8/22/97 TIME: 16:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" sleeve/stainless	1			SW8260A	VOCs
8oz Glass	1			SW8270B	SVOCs
8oz Glass	1			SW6010A	Metals
				SWCVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS		
PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: Brown Silty clay	
2nd	ODOR:	
	OTHER.	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90-95°

SHIPMENT VIA. FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER: Jim Costello

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID) NAS Fort Worth JR B

SITE (SITEID) LF04

LOGCODE:

SAMPLE INFORMATION

SAMPLE ID: TH6LTA007-02

SAMCODE:

MATRIX (IRPIMS). SO

DUP./REP. OF : N/A

SAMPLING METHOD: G

SACODE.

BEGINNING DEPTH: 5.0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH. 5.5

LOTCTLNUM.

GRAB (X) COMPOSITE ( )

DATE: 04SEP97 TIME.

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz glass	1	<4°C		SW8260B	VOC
8oz glass	1	↓		SW8270B	SVOC
8oz glass	1	↓		SW6010B	Metals
				SW7470A	Hg
				SW7760A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0.0ppm	COLOR Very Dark Brown Clay dry	
2nd 0.0ppm	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER. SUN/CLEAR (X) OVERCAST/RAIN ____ WIND DRIECTION N AMBIENT TEMP 95-100°

SHIPMENT VIA: FED-X (X) HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. Quantera Labs 5970 Breckenridge Pkwy Tampa FL

COMMENTS

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSW2

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF04 → TNGLTA007

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTADUP-02

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: ~~S~~ G

DUP /REP. OF : THGLTA007-02

SACODE: FD 1

BEGINNING DEPTH: 5.0'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 5.5'

LOTCTLNUM: 099A

GRAB (X) COMPOSITE ( )

DATE: 9/4/97 TIME: 12:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz GLASS	1	↓		SW6010A	Metals
				SWCVAA	Hg
				SW6010A	As

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: Very dark brown CLAY, dry	
2nd 0ppm	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION N AMBIENT TEMP 95-100

SHIPMENT VIA FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKwy, Tampa, FL

COMMENTS.

SAMPLER. Ken Hurley OBSERVER.

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID). NAS Fort Worth JR B

SITE (SITEID): LF04 → THGLTA008

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA008-01

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF: N/A

SAMPLING METHOD: HA

SACODE NI

BEGINNING DEPTH: 0.2'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH. 0.5'

LOTCTLNUM: 022A

GRAB (x) COMPOSITE ( )

DATE: 8/22/97 TIME: 16:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" Sleeve/Stainless	1	< 4°C		SW8260A	VOCs
8oz JAR	1	↓		SW8270B	SVOCs
8oz JAR	1			SW6010A	METALS
				SW CVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR Brown silty clay	
2nd	ODOR:	
	OTHER.	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90-95°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. Quanterra Lab, 5910 Breckinridge PKWY, Tampa, FL

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER: Jim Costello

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF-09

LOGCODE.

SAMPLE INFORMATION

SAMPLE ID: THCL TBCV8 - 2

MATRIX (IRPIMS): SO

SAMCODE

SAMPLING METHOD: G

DUP./REP. OF: N/A

SACODE:

BEGINNING DEPTH. 3.5

MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES (X) NO ( )

END DEPTH 4.0

LOTCTLNUM.

GRAB (X) COMPOSITE ( )

DATE: 04SEP97 TIME:

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz glass	3	C 4°C		SW 8260A	VOC
8oz glass	3	↓		SW 8270B	SVOC
8oz glass	3	↓		SW 6010A	Metals
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0.0 ppm	COLOR: Strong brown silty Clay dry	
2nd 280 ppm (Headspace)	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER SUN/CLEAR (X) OVERCAST/RAIN ____ WIND DRIECTION N AMBIENT TEMP 95-100°

SHIPMENT VIA FED-X (X) HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO Quanterra Labs 5910 Breckenridge Pkwy Tampa Fl

COMMENTS:

SAMPLER: Ken Hartley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR 0

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JRB

SITE (SITEID): LF04 - THGLTA009

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA009-01

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF: N/A

SAMPLING METHOD: HA

SACODE: N1

BEGINNING DEPTH: 0.2'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH 0.5'

LOTCTLNUM: 033A

GRAB (X) COMPOSITE ( )

DATE: 8/25/97 TIME: 8:50

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" sleeve/stainless	1	<4°C		SW8260A	VOCs
8 oz Glass	1	↓		SW8270B	SVOCs
8 oz Glass	1	↓		SW6010A	Metals
				SW7471A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: Brown silty clay	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90-95°

SHIPMENT VIA. FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER: Mike Rodtang

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID) NAS Fort Worth JR B

SITE (SITEID): LF-04

LOGCODE:

SAMPLE INFORMATION

SAMPLE ID THGCTA009-02

MATRIX (IRPIMS). SO

SAMCODE:

DUP./REP OF: N/A

SAMPLING METHOD. G

SACODE

BEGINNING DEPTH: 12.5

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH. 13.0

LOTCTLNUM

GRAB (✓) COMPOSITE ( )

DATE. 05SEP99 TIME:

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	4°C		SW8260A	VOC
8oz Glass	1	↓		SW8270B	SVOC
8oz Glass	1	↓		SW6010A	Metals
↓				SW6010A	Mg
↓				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0.0 ppm	COLOR. Strong Brown Silty Clay dry	
2nd 13.0 ppm (highest)	ODOR	of soil not BZ
	OTHER:	

GENERAL INFORMATION

WEATHER SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DRIECTION N AMBIENT TEMP ~95-100°

SHIPMENT VIA. FED-X ✓ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. Quanterra Lab, 5910 Breckenridge Pkwy, Tampa Fl

COMMENTS:

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF04 → THGLTA010

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA010-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: N/A

BEGINNING DEPTH: 0.2

SACODE: N1

END DEPTH: 0.5

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

LOTCTLNUM: 033A

GRAB (X) COMPOSITE ( )

DATE: 8/25/97 TIME: 9:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" Sleeve / Stainless	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SW CVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: Brown silty clay	
2nd	ODOR	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90-95°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER: Mike Rodtang

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID) CF-04

LOGCODE:

SAMPLE INFORMATION

SAMPLE ID: TH6CTA010-2

MATRIX (IRPIMS): SO

SAMCODE:

DUP /REP OF: N/A

SAMPLING METHOD: G

SACODE:

BEGINNING DEPTH 11.0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 11.5

LOTCTLNUM.

GRAB (X) COMPOSITE ( )

DATE: 05[illegible]97 TIME

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	< 4°C		SW8260A	VOC
8oz Glass	1	↓		SW8270B	SVOC
8oz Glass	1	↓		SW6010A	Metals
				SW6020A	Mg
				SW6010A	Mg

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0.0 ppm	COLOR Strong brown Silty Clay	
2nd 6.0 ppm Highest	ODOR Δ 5 ppm	in sed not B2
	OTHER:	

GENERAL INFORMATION

WEATHER. SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION N AMBIENT TEMP ~95-100

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. Quantera lab 5910 Breckenridge Pkwy Tampa Fl

COMMENTS:

SAMPLER: Ken Hurley OBSERVER: —

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFC001-023E

SITE: LF 4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHELTA404-01

SAMPLING METHOD CS DUP./REP. OF:

BEGINNING DEPTH 0" MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6"

GRAB ( ) COMPOSITE ( ) DATE: 5/20/98 TIME: 1545

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
1 4oz jar	1			8260A	VOCs
1 8oz jar	1			8280	D/F
8oz jar	1			7010A/9030/6010A	Cyanide / Sulfide / Metals
8oz jar	1			8270B/8081A/8140/8151	SVOCs / PCBs / Pest / Herbicides

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw

COMMENTS:

SAMPLER: B Nieken OBSERVER: M Gerber

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFCC01-023E

SITE: LF 4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLTA404-02

SAMPLING METHOD DT DUP./REP. OF: _____

BEGINNING DEPTH 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6.5

GRAB ( ) COMPOSITE ( ) DATE: 5/20/98 TIME: 930

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260A	VOCs
8 oz jar	1	Ø		8280	Dioxins / Furans
8 oz jar	1	Ø		8270B/8150B/8140/8082A	SVOCs, Herb, OPPest, PCBs
8 oz jar	1	Ø		9010A/9030/6010A	Cyanide, Sulfide, Metals

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0.0ppm	COLOR:	
2nd 0.0ppm	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maul - RECRA - Lab Net

COMMENTS: _____

SAMPLER: Brad Nielsen OBSERVER: M Gerber

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFC001-023E

SITE: LF 4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BH6LTA 404-03

SAMPLING METHOD DT DUP./REP. OF: _____

BEGINNING DEPTH 8.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 11.5

GRAB ( ) COMPOSITE ( ) DATE: 5/20/98 TIME: 940

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
55 Glass	1	Ø		8260A	VOCs
8 oz jar	1	Ø		8280	Dioxins / Furans
8 oz jar	1	Ø		9010A/9030/6010A	Cyanide / Sulfide / Metals
8 oz jar		Ø		8270B/8082A	SVOCs / PCBs / OPPest
1 L jar				8140/8150B	Herbicides

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RFCEA Lab-Net

COMMENTS: _____

SAMPLER: B Nielsen OBSERVER: M Gerber

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic INC.

FIELD SAMPLING REPORT

LOCATION: NAS FWJBB PROJECT: AFC001-023E

SITE: LF4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLTA404-04

SAMPLING METHOD DT DUP./REP. OF :

BEGINNING DEPTH 13.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 16.5

GRAB ( ) COMPOSITE ( ) DATE: 5/20/98 TIME: 950

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	0		8260A	VOCs
1 Soojar	1	Ø		8280	Dioxins / Furans
1 Soojar	1	Ø			Cyanide Sulfide
1 Soojar	1	Ø			

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECKA lab - Net

COMMENTS:

SAMPLER: B Nielsen OBSERVER: M Gerber

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FWJRB PROJECT: AFCOCI-023E

SITE: LF 4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLIA404-05

SAMPLING METHOD DT DUP./REP. OF:

BEGINNING DEPTH 18.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 21.5

GRAB ( ) COMPOSITE ( ) DATE: 5/20/98 TIME: 1000

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260A	VOCs
1 8oz jar	1	Ø		~~8290~~ 8290	Dioxins / Furans
1 8oz jar	1	Ø		9010A / 9030B	Cyanide / Sulfide / Metals
1 8oz jar	1	Ø		8270B	SVOCs / PCBs / Pesticides / Herbicides

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA Lab-Net

COMMENTS:

SAMPLER: B Nielsen OBSERVER: M Gerber

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BR=BRASS RING	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	CS=COMPOSITE SAMPLE	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	C=CONTINUOUS FLIGHT AUGER	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAP\WIPE	DT=DRIVEN TUBE	SS=SPLIT SPOON
		W=SWAB\WIPE	SP=SUBMERSIBLE PUMP

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HYDRO Geologic INC

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFC001-023F

SITE: LF 4

SAMPLE INFORMATION

MATRIX: SO SAMPLE ID: BH6LTA 403-02

SAMPLING METHOD: DT DUP./REP. OF: _____

BEGINNING DEPTH: 3.5' MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH: 6.5'

GRAB ( ) COMPOSITE ( ) DATE: 5/20/98 TIME: 1340

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1			8260A	VOCs
8oz jar	1			8280	D/F
8oz jar	1			9010A/9030/ 6010A	Cyanide/Sulfide/Metals
8oz jar	1			8270B/8082A	SVOCs/PCBs/OP Pest/
				8140/8151	Herbicides

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN X WIND DIRECTION _____ AMBIENT TEMP _____

SHIPMENT VIA: FED-X X HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO: Chuck Maw - RECRA

COMMENTS: _____

SAMPLER: B Nielsen OBSERVER: M Gerber

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFCOOI-023E

SITE: LF4

SAMPLE INFORMATION

MATRIX WQ SAMPLE ID: EB052098

SAMPLING METHOD _____ DUP./REP. OF: _____

BEGINNING DEPTH _____ MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH _____

GRAB ( ) COMPOSITE ( ) DATE: 5/20/98 TIME: 1550

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40 mL	3	HCl		8260A	VOCs
1 L amb	1			8270B	SVOCs
1 L amb	1			8080A	Pest PCBs
1 L amb	1			8140	OP Pest
1 L amb	1			8151	Herbicides
1 L amb	1			8280	D/F

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw

COMMENTS: _____

SAMPLER: B Nielsen OBSERVER: M Jerby

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

1 L Poly	1	HNO_3	AFCEE FORM SR.0	6010A/7470A/7471A	Metals/Mercury
1 L Poly	1	NaOH		9010A/90R	Cyanide
1 L Poly	1	Zinc Acetate		9030	Sulfide
1 L Amb	1	Ø			Extra

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HYDRO Geologic INC.

FIELD SAMPLING REPORT

LOCATION: NAS Fwl PROJECT: AFC001-023E

SITE: LF 4

SAMPLE INFORMATION

MATRIX WQ SAMPLE ID: TB052098

SAMPLING METHOD _____ DUP./REP. OF: _____

BEGINNING DEPTH _____ MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH _____

GRAB ( ) COMPOSITE ( ) DATE: 5/20/98 TIME: 1625

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40 mL	1	HCl		8260A	VOCs

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA Lab-Net

COMMENTS: trip blank

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR.0

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION: NAS FW URB PROJECT: AFC001-023E

SITE: LF 4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: B16LTA405-01

SAMPLING METHOD CS DUP./REP. OF:

BEGINNING DEPTH 0" MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6"

GRAB ( ) COMPOSITE ( ) DATE: 5/21/98 TIME: 830

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz jar	1	0		8260A	VOC
8oz jar	1	0		8280	D/F
8oz jar	1	0		9010A/9010T 6010A	Cyanide/Sulfide/Metals
8oz jar	1	0		8270B/8080A	SVOC/PCB/OP Pest/Herb
				8140/8150B	

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA

COMMENTS:

SAMPLER: B Nielsen OBSERVER: M Gerber

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFCC01-023E

SITE: LF4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLJA405-02

SAMPLING METHOD DT DUP./REP. OF: _____

BEGINNING DEPTH 3.5' MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6.5'

GRAB ( ) COMPOSITE ( ) DATE: 5/21/98 TIME: 1045

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS sleeve	1	Ø		8260A	VOCs
8oz jar	1	Ø		8280	Dioxins / Furans
8oz jar	1	Ø		7010A/9030/6010A	Cyanide / Sulfide / Metals
8oz jar	1	Ø		8270B / 8080A	SVOCs / PCBs / OPPest /
				8140/8150B	Herbicides

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Mau - RECRA Lab-Net

COMMENTS: _____

SAMPLER: M Silver OBSERVER: M Johnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION: NAS FWJRB PROJECT: AFC001-023E

SITE: LF4

SAMPLE INFORMATION

MATRIX: SO SAMPLE ID: BH6LTA 405-03

SAMPLING METHOD: DT DUP./REP. OF: _____

BEGINNING DEPTH: 8.5' MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH: 11.5'

GRAB ( ) COMPOSITE ( ) DATE: 5/21/98 TIME: 1055

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260A	VOCs
8oz jar	1	Ø		8280	Dioxins / Furans
8oz jar	1	Ø		9010A/7C3S1 6010A	Cyanide / Sulfide / Metals
8oz jar	1	Ø		8270B/8080A	SVOC / PCBs / Pesticide / Herbicide
				8140/8150B	

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA

COMMENTS: _____

SAMPLER: M Barber OBSERVER: M Johnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFC001-023E

SITE: LF 4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLF4 405-04

SAMPLING METHOD DT DUP./REP. OF:

BEGINNING DEPTH 13.5' MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 16.5'

GRAB ( ) COMPOSITE ( ) DATE: 5/21/98 TIME: 1105

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260A	VOCs
8oz Jar	1	Ø		8280	Dioxins / Furans
8 oz Jar	1	Ø		7010A/9030/9010A	Cyanide / Sulfide / Metals
8oz Jar	1	Ø		8270B / 8080A	SVOCs / PCBs / OP Pesticides
				8140 / 8150B	Herbicides

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: VOCs from 14-14.5 ft	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA Lab-Net

COMMENTS:

SAMPLER: B Nielsen OBSERVER: M Gerber

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFC001-023E

SITE: LF 4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHOLTA 40S-05

SAMPLING METHOD DT DUP./REP. OF:

BEGINNING DEPTH 18.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 21.5

GRAB ( ) COMPOSITE ( ) DATE: 5/21/98 TIME: 1120

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260A	VOCs
8oz Jar	1	Ø		8280	Dioxins / Furans
8 oz Jar	1	Ø		7010A/9030/ 9010A	Cyanide / Sulfide / Metals
8oz Jar	1	Ø		8270B / 8080A	SVOCs / PCBs / OP Pesticides
				8140 / 8150B	Herbicides

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: VOC collected from 21-21.5	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA Lab-Net

COMMENTS:

SAMPLER: B Nielsen OBSERVER: M Gerber

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFC001-023E

SITE: LF 4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: ~~BH6LTA405-01~~ 401-01

SAMPLING METHOD CS DUP./REP. OF:

BEGINNING DEPTH 0" MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6"

GRAB ( ) COMPOSITE ( ) DATE: 5/21/98 TIME: 805

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz jar	1	Ø		8260A	VOC
8oz jar	1	Ø		8280	D/F
8oz jar	1	Ø		9010A/9030A/9012A	Cyanide/Sulfide/Metals
8oz jar	1	Ø		8270B/8080A	SVOC/PCB/OP Pest/Herb
				8140/8150B	

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA

COMMENTS:

SAMPLER: B Nielsen OBSERVER: M Gerber

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFCOOI-023E

SITE: LF 4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLTA401-02

SAMPLING METHOD DT DUP./REP. OF:

BEGINNING DEPTH 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6.5

GRAB ( ) COMPOSITE ( ) DATE: 5/21/98 TIME: 850

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260A	VOCs
8oz Jar	1	Ø		8280	Dioxins / Furans
8 oz Jar	1	Ø		7010A/9030/6010A	Cyanide / Sulfide / Metals
8oz Jar	1	Ø		8270B / 8080A	SVOCs / PCBs / OP Pesticides
				8140 / 8150B	Herbicides

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA Lab - Net

COMMENTS:

SAMPLER: B Nielsen OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFC001-023E

SITE: LF 4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLTA401-03

SAMPLING METHOD DT DUP./REP. OF: _____

BEGINNING DEPTH 8.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 11.5

GRAB ( ) COMPOSITE ( ) DATE: 5/21/98 TIME: 905

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION.	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260A	VOCs
8oz Jar	1	Ø		8280	Dioxins / Furans
8 oz Jar	1	Ø		7010A/9030/9010A	Cyanide / Sulfide / Metals
8oz Jar	1	Ø		8270B / 8080A	SVOCs / PCBs / OP Pesticides
				8140 / 8150B	Herbicides

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA Lab-Net

COMMENTS: _____

SAMPLER: B Nielsen OBSERVER: M Gerber

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFC001-023E

SITE: LF 4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLTA401-04

SAMPLING METHOD DT DUP./REP. OF:

BEGINNING DEPTH 13.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 16.5

GRAB ( ) COMPOSITE ( ) DATE: 5/21/98 TIME: 920

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260A	VOCs
8oz Jar	1	Ø		8280	Dioxins / Furans
8 oz Jar	1	Ø		7010A/9030/1010A	Cyanide / Sulfide / Metals
8oz Jar	1	Ø		8270B / 8080A	SVOCs / PCBs / OP Pesticides
				8140 / 8150B	Herbicides

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA Lab - Net

COMMENTS:

SAMPLER: B Nielsen OBSERVER: M Gerber

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BR=BRASS RING	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	CS=COMPOSITE SAMPLE	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	C=CONTINUOUS FLIGHT AUGER	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAP\WIPE	DT=DRIVEN TUBE	SS=SPLIT SPOON
		W=SWAB\WIPE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFC001-023E

SITE: LF 4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLTA406-02

SAMPLING METHOD DT DUP./REP. OF :

BEGINNING DEPTH 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6.5

GRAB ( ) COMPOSITE ( ) DATE: 5/28/98 TIME: 755

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
55 Sleeve	1	Ø		8260A	VOCs
8oz Jar	1	Ø		8280	Dioxins / Furans
8 oz Jar	1	Ø		7010A/9030/6010A	Cyanide / Sulfide / Metals
8oz Jar	1	Ø		8270B / 8082A	SVOCs / PCBs / OP Pesticides
				8140 / 8150B	Herbicides

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0.0ppm	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMP 75°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA Lab-Net

COMMENTS:

SAMPLER: B Nielsen OBSERVER: M Gerber

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS FW JPB

PROJECT: AFC001-023E

SITE: LF 4

SAMPLE INFORMATION

MATRIX: SO

SAMPLE ID: BHGLTA406-03

SAMPLING METHOD: DT

DUP./REP. OF:

BEGINNING DEPTH: 8.5

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH: 11.5

GRAB ( ) COMPOSITE ( )

DATE: 5/22/98 TIME: 805

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260A	VOCs
8oz Jar	1	Ø		8280	Dioxins / Furans
8 oz Jar	1	Ø		9010A/9030/6010A	Cyanide / Sulfide / Metals
8oz Jar	1	Ø		8270B / 8080A	SVOCs / PCBs / OP Pesticides
				8140 / 8150B	Herbicides

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 61 ppm	COLOR:	
2nd .95 ppm	ODOR	
(headspace)	OTHER: Petroleum / hydrocarbon	
	VOC collected from 10.5-11	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DRIECTION ____ AMBIENT TEMP 75°

SHIPMENT VIA FED-X ✓ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA Lab-Net

COMMENTS:

SAMPLER: B Nielsen OBSERVER: M Seuber

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FWJRB PROJECT: AFC001-023E

SITE: LF4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: B-62F-40b-04

SAMPLING METHOD DT DUP./REP. OF:

BEGINNING DEPTH 13.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 16.5

GRAB ( ) COMPOSITE ( ) DATE: 5/22/98 TIME: 915

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8oz Sleeve	1	Ø		8260A	VOCs
8oz jar	1	Ø		8270B/8081A/ 5140 8150	SVOCs/PCBs/ OPest/Herbicides
8oz jar	1	Ø		8290	Dioxins/Furans
8oz jar	1	Ø		9010A/9030/ 6010A	Cyanide/Sulfide/Metals

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 375 ppm (head)	COLOR:	
2nd 500	ODOR: Hydrocarbon	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw

COMMENTS:

SAMPLER BNilsen OBSERVER: M Gerber

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION NAS Fw JRB PROJECT AFC001-023E

SITE LF-4

SAMPLE INFORMATION

MATRIX SO SAMPLE ID BH6LTA4406-0.5

SAMPLING METHOD DT DUP./REP. OF:

BEGINNING DEPTH 18.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 21.5

GRAB ( ) COMPOSITE ( ) DATE 5/22/98 TIME 930

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
5g Sleeve	1	Ø		8260A	VOC
8oz jar	1	Ø		8280	Dioxins / Furans
8oz jar	1	Ø		9010A/9030/6010A	Cyanide / Sulfide / Metals
8oz jar	1	Ø		8270B/8080	SVOCs / PCBs /
				8140/8150B	OP Pest / Herbicides

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 53 ppm	COLOR	
2nd 0.3 ppm	ODOR heavy hydrocarbon	
	OTHER VOCs collected from 21-21.5	

GENERAL INFORMATION

WEATHER. SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 75

SHIPMENT VIA. FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO Chuck Mann - RECRA Lab-Net

COMMENTS

SAMPLER. B Nielsen OBSERVER: M Geiber

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BR=BRASS RING	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	CS=COMPOSITE SAMPLE	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	C=CONTINUOUS FLIGHT AUGER	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAP\WIPE	DT=DRIVEN TUBE	SS=SPLIT SPOON
		W=SWAB\WIPE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: KAFB AUL JP8 PROJECT AFCEE 1-023E

SITE: LF 14

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: B116L-1A406-06

SAMPLING METHOD DT DUP./REP. OF: _____

BEGINNING DEPTH 23.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 26.5

GRAB ( ) COMPOSITE ( ) DATE: 5/22/98 TIME: 1005

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
				8260m	VOC

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 400 ppm	COLOR:	
2nd	ODOR Hydrocarbon	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO Chuck Maw

COMMENTS. _____

SAMPLER: _____ OBSERVER _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 235

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION NAS FW JRB PROJECT: CFC001-022E

SITE: LF 4

SAMPLE INFORMATION

MATRIX NQ SAMPLE ID. LB052298

SAMPLING METHOD _____ DUP./REP. OF. _____

BEGINNING DEPTH _____ MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH _____

GRAB ( ) COMPOSITE ( ) DATE 5/22/98 TIME: 915

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40mL	3	HCl		8260A	VOCs
1L amb	1	Ø		8270B	SVOCs
1L amb	1	Ø		8270A	PCBs
1L amb	1	Ø		8140	OP Pest
1L amb	1	Ø		8150B	Herbicides
1L amb	1	Ø		8280	Dioxins/Furans

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR.	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO Chuck Nlaw - RECRA lab-Wet

COMMENTS _____

SAMPLER. M Gerber OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

1L Poly	1	HNO3	AFCEE FORM SR.0	6010A / 7470 / 7471	Metals / Mercury
1L Poly	1	NaOH		9010A	Cyanide
1L Poly	1	Zinc Acetate		9030	Sulfide

676 236

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT: _____

SITE: _____

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA402-01

SAMPLING METHOD _____ DUP./REP. OF: _____

BEGINNING DEPTH 0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 0.5

GRAB ( ) COMPOSITE ( ) DATE: 5/26/98 TIME: 1645

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR.0

676 237

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT : _____

SITE: _____

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA401-01MS

SAMPLING METHOD _____ DUP./REP. OF . _____

BEGINNING DEPTH 0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ☒ NO ( )

END DEPTH 0.5'

GRAB ( ) COMPOSITE ( ) DATE. 5/26/98 TIME: 1645

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR _____ OVERCAST/RAIN _____ WIND DRIECTION _____ AMBIENT TEMP _____

SHIPMENT VIA: FED-X _____ HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT : _____

SITE: _____

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA402-01MD

SAMPLING METHOD _____ DUP./REP. OF . _____

BEGINNING DEPTH 0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE

YES (X) NO ( )

END DEPTH 0.5'

GRAB ( ) COMPOSITE ( ) DATE: 5/26/98 TIME: 1645

CONTAINER		PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	#				

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO _____

COMMENTS: _____

SAMPLER. _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFCEE01-023E

SITE: Landfill 4

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA402-02

SAMPLING METHOD SSR DUP./REP. OF: —

BEGINNING DEPTH 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (✓)

END DEPTH 8.5

GRAB (✓) COMPOSITE ( ) DATE: 5/26/98 TIME: 1400

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8oz glass	1			Total metals	Per QAPP
8oz glass				9030	Sulfide
8oz glass				9010A	Cyanide
8oz glass	1			8140 / 3550A	Organophosphorus Pest
				8270 / 3550A	SVOC
				8080A / 3550A	Pest / PCB

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0 ppm	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION from SE AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: ____

COMMENTS: ____

SAMPLER: BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

8150A Herbicides

AFCEE FORM SR.0

8oz glass 1 8280 Dioxins/Furans

6" stainless steel ring 8260/5035A VOCs

676 240

HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: A7001-023E

SITE: LF-4

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BH6LTA402-03

SAMPLING METHOD SSR DUP./REP. OF: —

BEGINNING DEPTH 8.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (✓)

END DEPTH 11.5

GRAB ( ) COMPOSITE ( ) DATE: 5/26/98 TIME: 1448

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" stainless steel	1			8260/5030A	VOCs
8oz glass	1			8280	Dioxine/Furans
8oz glass	1			8140/3550A	Organophosphorus Pest
				8270/3550A	SVOCs
				8080A/3550A	Pest/PCB
				8150A	Herb

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DRIECTION from Southeast AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: ____

COMMENTS: ____

SAMPLER: BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

8 oz glass 1

AFCEE FORM SR.0

Q APP Total Metals
4030 Sulfide
9010A Cyanide

676 241

HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFC001-023E

SITE: LF-4

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA402-04

SAMPLING METHOD SSR DUP./REP. OF: –

BEGINNING DEPTH 13.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 16.5

GRAB ( ) COMPOSITE ( ) DATE: 5/26/98 TIME: 1455

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4" steel ring	1	4°C		5266/5030A	VOCs
8oz glass	1	4°C		5286	Dioxins/Furans
8oz glass	1	4°C		8140/3550A	Organophosphorus Pesticides
		4°C		8270/3550A	SVOCs
		4°C		8080A/3550A	Pest./PCB
		4°C		8150A	Herb.

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DRIECTION from S/SWest AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X ✓ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: ____

COMMENTS: ____

SAMPLER: BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR.0

8oz glass 1 QAPD Total metals
9030 Sulfide
9010A Cyanide

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HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT : _____

SITE: _____

SAMPLE INFORMATION

MATRIX Water SAMPLE ID. EB052698

SAMPLING METHOD Stainless Steel Ring DUP./REP. OF : —

BEGINNING DEPTH — MATRIX SPIKE/MATRIX SPIKE DUPLICATE

YES ( ) NO ( )

END DEPTH —

GRAB (X) COMPOSITE ( ) DATE: 5/26/98 TIME: 1600

CONTAINER		PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	#				

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER. _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT : _____

SITE: _____

SAMPLE INFORMATION

MATRIX Water SAMPLE ID: TB052698

SAMPLING METHOD _____ DUP./REP. OF : —

BEGINNING DEPTH _____ MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH _____

GRAB ( ) COMPOSITE ( ) DATE: 5/26/98 TIME: 1715

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR.0

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3E

SITE: Landfill 04

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BHGLTA 403-05

SAMPLING METHOD: SSR DUP/REP. OF: ——

BEGINNING DEPTH: ~~8.5~~ 9 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: ~~11.5~~ 11

GRAB (X) COMPOSITE ( ) DATE: 6/3/98 TIME: 1220

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" glass	1	4°C		8260	VOC
8oz jar	1	4°C		8270/8080	SVOC/Pest + PCB
				8140/8150B	Organophos Pest/Herb
8oz jar	1	4°C		Per SAPP	Total metals / [illegible]
				9010/9030	Cyanide / Sulfide
8oz jar	1	4°C		8280	Dioxin/Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 98°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS:

SAMPLER: PD OBSERVER: MJ

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SWA=SWAP/WIPE

SAMPLING METHOD CODES

B=BAILER
SR=SPLIT RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB/WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR.0

676-2450

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3F

SITE: Landfill 4

SAMPLE INFORMATION

403-04

MATRIX: Soil SAMPLE ID: BHGLTA 403-04

SAMPLING METHOD: SSR DUP./REP. OF: ____

BEGINNING DEPTH: 13.5 14 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: 16.5 16

GRAB (X) COMPOSITE ( ) DATE: 6/13/98 TIME: 1230

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" glass 403-04	1	4°C		8260	VOC
8 oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8 oz jar	1	4°C		Per SAPP	Total metals / [illegible]
				9010/9030	Cyanide / Sulfide
8 oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 98°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS: ____

SAMPLER: PD OBSERVER: MS

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAB/WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB/WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

APCHE FORM SR.0

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3E

SITE: Landfill 4

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BHGLTA405-06

SAMPLING METHOD: SSR DUP/REP. OF: ——

BEGINNING DEPTH: ~~14~~ 24 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: ~~16~~ 26

GRAB (X) COMPOSITE ( ) DATE: 6/4/98 TIME: 940

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6-11-oz jar	1	4°C		8260	VOC
8oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8oz jar	1	4°C		Per QAPP	Total metals / ~~[illegible]~~
				9010/9030	Cyanide / Sulfide
8oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 98°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS: ____

SAMPLER: PD OBSERVER: MJ

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAB/WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB/WIPE
G=GRAB
HA=HAND AUGER
HS=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 247

HYDRO Geologic Inc.

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth PROJECT: AFC001 02 3E

SITE: Landfill

SAMPLE INFORMATION

MATRIX ~~WG~~ WQ SAMPLE ID: EB060498

SAMPLING METHOD ~~SP (bladder)~~ DUP./REP. OF: No

BEGINNING DEPTH — MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH —

GRAB (X) COMPOSITE ( ) DATE: 6/4/98 TIME: 1000

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
1L Amber	1	4°C		8270 B	SVOC
1L Amber	1	4°C		8080 A	Pesticides/PCBs
1L Amber	1	4°C		8151	Herbicides
1L Amber	1	4°C		8140	Organophosphorus Pest.
1L Amber	1	4°C		8280	Dioxin/Furans
40 ml	3	HCl		8260A	VOC

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS:

SAMPLER: PD OBSERVER: MJ

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR.0

1L Poly	1	Nitric		per QAPP	total metals
1L Poly	1	NaOH		9010	Cyanide
1L Poly	1	Zn Acetate		9030	Sulfide

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth PROJECT: AFC 001 0235

SITE: Landfill 4

SAMPLE INFORMATION

MATRIX WG SAMPLE ID: TB 06 0498

SAMPLING METHOD — DUP./REP. OF: —

BEGINNING DEPTH — MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH —

GRAB (X) COMPOSITE ( ) DATE: 6/4/98 TIME: 1045

CONTAINER SIZE/TYPE	CONTAINER #	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml	2	HCl		8260	VOC

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMP 90°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RERA Laboratories

COMMENTS: ____

SAMPLER: PD OBSERVER: MJ

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION:	NAS Ft Worth JRB	PROJECT NAME	RCRA Landfills Investigation
SITE.	Landfill 4	PROJECT NAME	AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA408MS

DATE: 11/4/99 TIME: 1635

MATRIX TYPE. SO

SAMPLING METHOD: G

LOT CONTROL #: 0 1 0 __

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 000003 200000

SAMPLE BEG DEPTH (FT). 0

SAMPLE END DEPTH (FT) 0.5'

GRAB (✓) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) _____

MATRIX SPIKE DUP (SD) BHGLTA408-01MSD

FIELD DUP (FD) DUP01

AMBIENT BLANK (AB): _____

EQUIPMENT BLANK (EB). _____

TRIP BLANK (TB) _____

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
8 oz Jar	1	Cool to 4 C	SW8270C	SVOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
0.0ppm	COLOR	
2nd	ODOR	
	OTHER	

pH _____ Temperature _____(C) Dissolved Oxygen _____(mg/L) Specific Conductivity _____(umhos/cm)

Iron _____(mg/L) Oxidation/Reduction Potential _____(mv) Turbidity _____ (NTU)

GENERAL INFORMATION

WEATHER. SUN/CLEAR ✓ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMPERATURE 70°F

SHIPMENT VIA: FEDEX x HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO STL - Chicago

COMMENTS _____

SAMPLER: R Wallace OBSERVER M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION. NAS Ft Worth JRB — PROJECT NAME RCRA Landfills Investigation

SITE: Landfill 4 — PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA408-01 — DATE: 10/4/99 TIME 1635

MATRIX TYPE: SO

SAMPLING METHOD: 6

LOT CONTROL #: 0 1 0 _

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 200000

SAMPLE BEG DEPTH (FT) 0

SAMPLE END DEPTH (FT) 0.5'

GRAB (✓) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS). BHGLTA 408-01MS

MATRIX SPIKE DUP (SD) BHGLTA 408-01MSD

FIELD DUP (FD) DUP01

AMBIENT BLANK (AB). _____

EQUIPMENT BLANK (EB) _____

TRIP BLANK (TB) _____

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
8 oz Jar	1	Cool to 4 C	SW8270C	SVOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0.0ppm	COLOR	
2nd	ODOR.	
	OTHER	

pH _____ Temperature _____(C) Dissolved Oxygen _____(mg/L) Specific Conductivity _____(umhos/cm)

Iron _____(mg/L) Oxidation/Reduction Potential _____(mv) Turbidity_____ (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR ✓ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMPERATURE 70°F

SHIPMENT VIA FEDEX x HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO. STL - Chicago

COMMENTS _____

SAMPLER: R Wallace — OBSERVER M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB

SITE: Landfill 4

PROJECT NAME: RCRA Landfills Investigation

PROJECT NAME: AFC001-023E

SAMPLE INFORMATION

SAMPLE ID: ~~DUP02MS~~ DUP01

DATE: 10/4/99 TIME: 1200

MATRIX TYPE: SO

SAMPLING METHOD: 6

LOT CONTROL #: 0 1 0 _

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 200000

SAMPLE BEG DEPTH (FT): 0

SAMPLE END DEPTH (FT): 0.5'

GRAB (✓) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS): BH6LTA408-01MS

MATRIX SPIKE DUP (SD): BH6LTA408-01MSD

FIELD DUP (FD): BH6LTA408-01

AMBIENT BLANK (AB) _____

EQUIPMENT BLANK (EB) _____

TRIP BLANK (TB). _____

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
8 oz Jar	1	Cool to 4 C	SW8270C	SVOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
0.0ppm	COLOR	
2nd	ODOR	
	OTHER	

pH _____ Temperature _____(C) Dissolved Oxygen _____(mg/L) Specific Conductivity _____(umhos/cm)

Iron _____(mg/L) Oxidation/Reduction Potential _____(mv) Turbidity _____ (NTU)

GENERAL INFORMATION

WEATHER. SUN/CLEAR X OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMPERATURE 70°F

SHIPMENT VIA FEDEX x HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO. STL - Chicago

COMMENTS _____

SAMPLER R. Wallace OBSERVER M. Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB

SITE: Landfill 4

PROJECT NAME: RCRA Landfills Investigation

PROJECT NAME: AFC001-023E

SAMPLE INFORMATION

SAMPLE ID: BHGLTA408MSD

DATE: 10/4/99 TIME: 1635

MATRIX TYPE: SO

SAMPLING METHOD: 6

LOT CONTROL #: 0 1 0 _

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 200000

SAMPLE BEG DEPTH (FT) 0

SAMPLE END DEPTH (FT) 0.5'

GRAB (✓) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS). BHGLTA 408 MS

MATRIX SPIKE DUP (SD) _____

FIELD DUP (FD) DUP01

AMBIENT BLANK (AB) _____

EQUIPMENT BLANK (EB) _____

TRIP BLANK (TB). _____

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
8 oz Jar	1	Cool to 4 C	SW8270C	SVOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0.0ppm	COLOR	
2nd	ODOR	
	OTHER	

pH _____ Temperature _____(C) Dissolved Oxygen _____(mg/L) Specific Conductivity _____(umhos/cm)

Iron _____(mg/L) Oxidation/Reduction Potential _____(mv) Turbidity _____ (NTU)

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMPERATURE 70 °F

SHIPMENT VIA: FEDEX x HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO STL - Chicago

COMMENTS: _____

SAMPLER R Wallace OBSERVER. M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB

SITE: Landfill 4

PROJECT NAME: RCRA Landfills Investigation

PROJECT NAME: AFC001-023E

SAMPLE INFORMATION

SAMPLE ID: BHGLTA407-02

DATE: 10/5/99 TIME: 1405

MATRIX TYPE: SO

SAMPLING METHOD: DT

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 260000

SAMPLE BEG DEPTH (FT) 4

SAMPLE END DEPTH (FT) 6

GRAB (✓) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) BHGLTA407MS

MATRIX SPIKE DUP (SD): BHGLTA407MSD

FIELD DUP (FD) _____

AMBIENT BLANK (AB) _____

EQUIPMENT BLANK (EB) EB00599

TRIP BLANK (TB) TB100599

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
SS sleeve	1	Cool to 4 C	SW8260B	VOCs (App IX)
8 oz Jar	1	Cool to 4 C	SW8270C	SVOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS		SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	0.0ppm	COLOR	
2nd		ODOR:	
		OTHER	

pH _____ Temperature _____(C) Dissolved Oxygen _____(mg/L) Specific Conductivity _____(umhos/cm)

Iron _____(mg/L) Oxidation/Reduction Potential _____(mv) Turbidity _____ (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMPERATURE 80

SHIPMENT VIA. FEDEX x HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO: STL - Chicago

COMMENTS. _____

SAMPLER. R Wallace OBSERVER. M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB

SITE. 2E4

PROJECT NAME RCRA Landfills Investigation

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA407-03

DATE: 10/5/99 TIME: 1635 m 1435

MATRIX TYPE. SO

SAMPLING METHOD DT

LOT CONTROL #: O L L A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 260000

SAMPLE BEG DEPTH (FT) 9

SAMPLE END DEPTH (FT) 11

GRAB (✓) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS). _____

MATRIX SPIKE DUP (SD) _____

FIELD DUP (FD) DUP02

AMBIENT BLANK (AB). _____

EQUIPMENT BLANK (EB): EB100599

TRIP BLANK (TB) TB100599

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
SS sleeve	1	Cool to 4 C	SW8260B	VOCs (App IX)
8 oz Jar	1	Cool to 4 C	SW8270C	SVOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS		SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	0.0ppm	COLOR	
2nd		ODOR.	
		OTHER	

pH _____ Temperature _____(C) Dissolved Oxygen _____(mg/L) Specific Conductivity _____(umhos/cm)

Iron _____(mg/L) Oxidation/Reduction Potential _____(mv) Turbidity _____ (NTU)

GENERAL INFORMATION

WEATHER. SUN/CLEAR ✓ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMPERATURE 80°

SHIPMENT VIA FEDEX x HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO. STL - Chicago

COMMENTS _____

SAMPLER R Wallace OBSERVER M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

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LOCATION:	NAS Ft Worth JRB	PROJECT NAME	RCRA Landfills Investigation
SITE:	Landfill 4	PROJECT NAME	AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA407-04

DATE: 10/5/99 TIME: 1505

MATRIX TYPE: SO

SAMPLING METHOD: DT

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 200000

SAMPLE BEG DEPTH (FT) 14

SAMPLE END DEPTH (FT) 16

GRAB (✓) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) _____

MATRIX SPIKE DUP (SD). _____

FIELD DUP (FD) _____

AMBIENT BLANK (AB). _____

EQUIPMENT BLANK (EB). EB100599

TRIP BLANK (TB). TB100599

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
SS sleeve	1	Cool to 4 C	SW8260B	VOCs (App IX)
8 oz Jar	1	Cool to 4 C	SW8270C	SVOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
	COLOR.	
2nd	ODOR	
	OTHER	

pH _____ Temperature _____(C) Dissolved Oxygen _____(mg/L) Specific Conductivity _____(umhos/cm)

Iron _____(mg/L) Oxidation/Reduction Potential _____(mv) Turbidity _____ (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMPERATURE 80

SHIPMENT VIA FEDEX x HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO: STL - Chicago

COMMENTS _____

SAMPLER R Wallace OBSERVER. M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION. NAS Ft Worth JRB — PROJECT NAME RCRA Landfills Investigation

SITE: Landfill 4 — PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA407-05 — DATE 10/5/99 TIME 1525

MATRIX TYPE: SO

SAMPLING METHOD: D7

LOT CONTROL #: 011A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #) 20000

CHAIN-OF-CUSTODY #: _____

SAMPLE BEG DEPTH (FT) 19

SAMPLE END DEPTH (FT) 21

GRAB (✓) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) _____

MATRIX SPIKE DUP (SD) _____

FIELD DUP (FD) _____

AMBIENT BLANK (AB) _____

EQUIPMENT BLANK (EB) EB100599

TRIP BLANK (TB) TB100599

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
8 oz Jar	1	Cool to 4 C	SW8270C	SVOCs (App IX)
SS sleeve	1	Cool to 4C	SW8260B	VOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0.0ppm	COLOR	
2nd	ODOR	
	OTHER	

pH _____ Temperature _____(C) Dissolved Oxygen _____(mg/L) Specific Conductivity _____(umhos/cm)

Iron _____(mg/L) Oxidation/Reduction Potential _____(mv) Turbidity _____ (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMPERATURE 80°

SHIPMENT VIA FEDEX x HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO: STL - Chicago

COMMENTS _____

SAMPLER R Wallace — OBSERVER. M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

8P5 378
676 257

LOCATION:	NAS Ft Worth JRB	PROJECT NAME	RCRA Landfills Investigation
SITE:	Landfill 4	PROJECT NAME	AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA407MS

DATE: 10/5/99 TIME: 1405

MATRIX TYPE: SO

SAMPLING METHOD: DT

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 260000

SAMPLE BEG DEPTH (FT) 4

SAMPLE END DEPTH (FT) 6

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) BHGLTA407 - 02

MATRIX SPIKE DUP (SD) BHGLTA407MSD

FIELD DUP (FD) _____

AMBIENT BLANK (AB). _____

EQUIPMENT BLANK (EB) EB100599

TRIP BLANK (TB): TB100599

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
SS sleeve	1	Cool to 4 C	SW8260B	VOCs (App IX)
~~8 oz Jar~~	~~1~~	~~Cool to 4 C~~	~~SW8270C~~	~~SVOCs (App IX)~~

MJ

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st copper	COLOR	
2nd	ODOR	
	OTHER	

pH _____ Temperature _____(C) Dissolved Oxygen _____(mg/L) Specific Conductivity _____(umhos/cm)

Iron _____(mg/L) Oxidation/Reduction Potential _____(mv) Turbidity _____ (NTU)

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMPERATURE 80

SHIPMENT VIA FEDEX x HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO. STL - Chicago

COMMENTS _____

SAMPLER: R Wallace OBSERVER. M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION. NAS Ft Worth JRB

SITE: Landfill 4

PROJECT NAME RCRA Landfills Investigation

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA407MSD

DATE: 10/5/99 TIME. 1405

MATRIX TYPE. SO

SAMPLING METHOD: DT

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #. 200000

SAMPLE BEG DEPTH (FT) 4

SAMPLE END DEPTH (FT) 6

GRAB (✓) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS). BHGLTA407MS

MATRIX SPIKE DUP (SD). BHGLTA407-02

FIELD DUP (FD). _____

AMBIENT BLANK (AB) _____

EQUIPMENT BLANK (EB): EB100599

TRIP BLANK (TB) TB100599

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
SS sleeve	1	Cool to 4 C	SW8260B	VOCs (App IX)
~~8 oz Jar~~	~~1~~	~~Cool to 4 C~~	~~SW8270C~~	~~SVOCs (App IX)~~

MJ

NOTABLE OBSERVATIONS

PID READINGS		SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	0.0ppm	COLOR:	
2nd		ODOR.	
		OTHER	

pH _____ Temperature _____(C) Dissolved Oxygen _____(mg/L) Specific Conductivity _____(umhos/cm)

Iron _____(mg/L) Oxidation/Reduction Potential _____(mv) Turbidity _____ (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR ✓ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMPERATURE 80°

SHIPMENT VIA: FEDEX x HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO STL - Chicago

COMMENTS _____

SAMPLER RWallace OBSERVER: M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION:	NAS Ft Worth JRB	PROJECT NAME	RCRA Landfills Investigation
SITE:	Landfill 4	PROJECT NAME	AFC001-023E

SAMPLE INFORMATION

SAMPLE ID ~~DUP01~~ DUP02

DATE: 10/5/99 TIME: 1200

MATRIX TYPE: SO

SAMPLING METHOD.

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 263000

SAMPLE BEG DEPTH (FT)

SAMPLE END DEPTH (FT).

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) _____

MATRIX SPIKE DUP (SD) _____

FIELD DUP (FD) BHGLTA407-03

AMBIENT BLANK (AB) _____

EQUIPMENT BLANK (EB) EB100599

TRIP BLANK (TB) TB100599

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
SS sleeve	1	Cool to 4 C	SW8260B	VOCs (App IX)
~~8-oz Jar~~	~~1~~	~~Cool to 4 C~~	~~SW8270C~~	~~SVOCs (App IX)~~ MJ

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR	
	OTHER	

pH _____ Temperature _____(C) Dissolved Oxygen _____(mg/L) Specific Conductivity _____(umhos/cm)

Iron _____(mg/L) Oxidation/Reduction Potential _____(mv) Turbidity _____ (NTU)

GENERAL INFORMATION

WEATHER. SUN/CLEAR X OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMPERATURE 80

SHIPMENT VIA FEDEX x HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO: STL - Chicago

COMMENTS _____

SAMPLER: R Walker OBSERVER: M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION	NAS Ft Worth JRB	PROJECT NAME	RCRA Landfills Investigation
SITE:	LF-21	PROJECT NAME	AFC001-023E

SAMPLE INFORMATION

SAMPLE ID EB100599

DATE 10/5/99 TIME: 1620

MATRIX TYPE: W

SAMPLING METHOD:

LOT CONTROL # 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 210000

SAMPLE BEG DEPTH (FT)

SAMPLE END DEPTH (FT)

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS) _____

MATRIX SPIKE DUP (SD) _____

FIELD DUP (FD) _____

AMBIENT BLANK (AB) _____

EQUIPMENT BLANK (EB) _____

TRIP BLANK (TB) TB100599

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
~~1 L poly~~	~~1~~	~~Cool to 4 C/HNO3 pH < 2~~	~~SW6010B/7421~~	~~Barium/Lead~~ MJ
40 mL VOA	3	Cool to 4C/HCl to pH < 2	SW8260A	VOCs (App IX)
1 L Amber	2	Cool to 4C	SW8270B	SVOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR	
	OTHER	

pH _____ Temperature _____(C) Dissolved Oxygen _____(mg/L) Specific Conductivity _____(umhos/cm)

Iron _____(mg/L) Oxidation/Reduction Potential _____(mv) Turbidity _____ (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMPERATURE 80°

SHIPMENT VIA FEDEX x HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO STL - Chicago

COMMENTS _____

SAMPLER R Wallace OBSERVER M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION.	NAS Ft Worth JRB	PROJECT NAME	RCRA Landfills Investigation
SITE:	LF-4	PROJECT NAME	AFC001-023E

SAMPLE INFORMATION

SAMPLE ID EB100499

DATE 10/5/99 TIME 1640

MATRIX TYPE. W

SAMPLING METHOD:

LOT CONTROL # 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 200000

SAMPLE BEG DEPTH (FT) —

SAMPLE END DEPTH (FT) —

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) _____

MATRIX SPIKE DUP (SD) _____

FIELD DUP (FD) _____

AMBIENT BLANK (AB) _____

EQUIPMENT BLANK (EB) _____

TRIP BLANK (TB) N/A

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
~~1 L poly~~	~~1~~	~~Cool to 4 C/HNO3 pH<2~~	~~SW6010B/7421~~	~~Barium/Lead~~ — NJ
~~40 mL VOA~~	~~3~~	~~Cool to 4C/HCl to pH<2~~	~~SW8260A~~	~~VOCs (App IX)~~ — NJ
1 L Amber	2	Cool to 4C	SW8270B	SVOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR	
	OTHER	

pH _____ Temperature _____(C) Dissolved Oxygen _____(mg/L) Specific Conductivity _____(umhos/cm)

Iron _____(mg/L) Oxidation/Reduction Potential _____(mv) Turbidity _____ (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMPERATURE 80°

SHIPMENT VIA FEDEX x HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO STL - Chicago

COMMENTS _____

SAMPLER _____ OBSERVER. _____

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB

SITE: LF-4

PROJECT NAME RCRA Landfills Investigation

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID TB100599

DATE: 10/6/99 TIME: 1330

MATRIX TYPE. W

SAMPLING METHOD.

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #. 260000

SAMPLE BEG DEPTH (FT) N/A

SAMPLE END DEPTH (FT). N/A

GRAB (x) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) _____

MATRIX SPIKE DUP (SD) _____

FIELD DUP (FD) _____

AMBIENT BLANK (AB) _____

EQUIPMENT BLANK (EB) _____

TRIP BLANK (TB) _____

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
40 mL VOA	3	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR	
	OTHER	

pH _____ Temperature _____(C) Dissolved Oxygen _____(mg/L) Specific Conductivity _____(umhos/cm)

Iron _____(mg/L) Oxidation/Reduction Potential _____(mv) Turbidity_____ (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMPERATURE 70'

SHIPMENT VIA FEDEX x HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO STL - Chicago

COMMENTS. _____

SAMPLER N/A OBSERVER N/A

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003
Manager: Mr. Will Carter

RFA / COC Number: 160004

Site: LF04, LF05, LF08 & Waste Pile 7
Location Code: THGLTA008
Sample Number: AA0001
Sample Name: THGLTA008-SS-AA0001-REG
Sampling Method: G

Collection Date: 1/4/00
Collection Time: 14:00
Start Depth: 0"
End Depth: 6"

Sample Team: DOUG JONES
BRAD NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM

Comments: SOIL: BROWN, SILTY, ORGANIC MATER

Sketch Location:

Logged BY / Date: _____ *Reviewed BY / Date:* _____

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INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160004

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: THGLTA002

Sample Number: AA0005

Sample Name: THGLTA002-SS-AA0005-REG

Sampling Method: G

Collection Date: 1/4/00

Collection Time. 14.05

Start Depth: 0"

End Depth: 6"

Sample Team. DOUG JONES, BRAD NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM

Comments: soil with organic mater sandy

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

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INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160004

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: THGLTA003

Sample Number: AA0002

Sample Name: THGLTA003-SS-AA0002-REG

Sampling Method: G

Collection Date: 11/4/00

Collection Time: 14:07

Start Depth: 0"

End Depth: 6"

Sample Team: DOUG JONES, BRAD NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM

Comments: SOIL: organic matter

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

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INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160004

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA406

Sample Number. AA0006

Sample Name: BHGLTA406-SS-AA0006-REG

Sampling Method: G

Collection Date: 1/4/00

Collection Time: 13:30

Start Depth. surface 0"

End Depth: 6"

Sample Team: DOUG JONES, BRAD NIELSEN

Analytical Suite	Containers Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM
LEAD	N	B	1	8	oz	CWM
SPLP-LEAD	N	B	1	8	oz	CWM

Comments: soil, with organic matter

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

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INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number. 160004

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA409

Sample Number: AA0014

Sample Name: BHGLTA409-SS-AA0014-REG

Sampling Method: G

Collection Date: 1/4/00

Collection Time: 14:35

Start Depth: 0"

End Depth: 6"

Sample Team: DOUG JONES, BRAD NIELSEN

Analytical Suite	Containers Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM

Comments: soil, sandy organic matter

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

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INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

Site: LF04, LF05, LF08 & Waste Pile 7
Location Code. BHGLTA409
Sample Number: AA0015
Sample Name: BHGLTA409-DS-AA0015-REG
Sampling Method: DT

RFA / COC Number: 160004
Collection Date: 1/4/00
Collection Time: 14:40
Start Depth: 2'
End Depth: 4'
Sample Team: DOUG JONES, BRAD NEILSEN

Analytical Suite	Containers Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM

Comments: soil sandy

Sketch Location:

Logged BY / Date: _____ *Reviewed BY / Date:* _____

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AA 0013

2' to 4'
15:00

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003
Manager: Mr. Will Carter

RFA / COC Number: 160004

Site: LF04, LF05, LF08 & Waste Pile 7
Location Code BHGLTA408
Sample Number: AA0012
Sample Name: BHGLTA408-SS-AA0012-REG
Sampling Method: G

Collection Date: 1/4/99
Collection Time: 14:45

Start Depth: 0"
End Depth: 6"

Sample Team: DOUG JONES
BRAD NIEBEL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM

Comments: Soil sandy

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

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INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number. 160004

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA408

Sample Number: AA0013

Sample Name: BHGLTA408-DS-AA0013-REG

Sampling Method: DT

Collection Date: 1/4/99

Collection Time: 15:00

Start Depth: 2'

End Depth: 4'

Sample Team: DOUG JONES
BRAD NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM

Comments: Soil, Sandy

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

INTERNATIONAL TECHNOLOGY CORPORATION

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Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number:

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA403

Sample Number: AA0011

Sample Name: BHGLTA403-DS-AA0011-REG

Sampling Method: DT

Collection Date: 1-5-00

Collection Time: 11:20

Start Depth: 5'

End Depth: 7'

Sample Team: D. JONES, B. NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
DIELDRIN	N	A	1	8	oz	CWM
SPLP-DIELDRIN	N	A	1	8	oz	CWM

Comments: clay: LIGHT BROWN, sandy TO SILTY, TRACE TRASH, 5% coarse gravel

Sketch Location: see attached map Landfill 4

Logged BY / Date: _____

Reviewed BY / Date: _____

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INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: _____

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA403

Sample Number: AA0011MS

Sample Name: BHGLTA403-DS-AA0011MS-MS

Sampling Method: DT

Collection Date: 1-5-00

Collection Time: 11:25

Start Depth: 5'

End Depth: 7'

Sample Team: B Nelson, D Jones

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
DIELDRIN	N	A	1	8	oz	CWM
SPLP-DIELDRIN	N	A	1	8	oz	CWM

Comments: Clay: light brown sandy to silty, trace of trash 5% course gravel

Sketch Location: see attach Landfill 4 map

Logged BY / Date: _____

Reviewed BY / Date: _____

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INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003
Manager: Mr. Will Carter

RFA / COC Number:

Site: LF04, LF05, LF08 & Waste Pile 7
Location Code: BHGLTA403
Sample Number: AA0011MSD
Sample Name: BHGLTA403-DS-AA0011MSD-MSD
Sampling Method: DT

Collection Date: 1-5-00
Collection Time: 11:30
Start Depth. 5'
End Depth: 7'

Sample Team: D. JONES
B. NIELSEN

Analytical Suite	Flt	Frtn	Containers Qty	Size	Units	Type
DIELDRIN	N	A	1	8	oz	CWM
SPLP-DIELDRIN	N	A	1	8	oz	CWM

Comments: clay: LIGHT BROWN Sandy TO SILTY, TRACE of TRASH "plastic" 5% course gravel

Sketch Location: see attached landfill 4 map

Logged BY / Date:

Reviewed BY / Date:

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INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number:

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA406

Sample Number: AA0007

Sample Name. BHGLTA406-DS-AA0007-REG

Sampling Method: DT

Collection Date: 1-5-00

Collection Time:

Start Depth: 5'

End Depth: 7'

Sample Team:

Analytical Suite	Flt	Frtn	Containers Qty	Size	Units	Type
BIS2EHP	N	A	1	8	oz	GWM
SPLP-BIS2EHP	N	A	1	8	oz	CWM

Comments: CLAY, BLACK, SILTY STRONG ODOR, WET, oily. 5% gravel

Sketch Location: see attached Landfill 4 map ..

Logged BY / Date:

Reviewed BY / Date:

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number:

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA406

Sample Number: AA0008

Sample Name: BHGLTA406-DS-AA0008-REG

Sampling Method: DT

Collection Date: 1-5-00

Collection Time: 11:50

Start Depth: 10'

End Depth: 12'

Sample Team: D Jones, B. Nielsen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
BIS2EHP	N	A	1	8	oz	CWM
SPLP-BIS2EHP	N	A	1	8	oz	CWM

Comments: clay: light brown to chalky white, silty, chacky trace gravel NO odor

Sketch Location: see attached Landfill 4 map

Logged BY / Date: _____

Reviewed BY / Date: _____

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INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number _____

Site. LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA406

Sample Number· AA0009

Sample Name: BHGLTA406-DS-AA0009-REG

Sampling Method: DT

Collection Date: 1-5-00

Collection Time: 12:00

Start Depth: 15'

End Depth: 17'

Sample Team: DOUG JONES, BRAD NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
BIS2EHP	N	A	1	8	oz	CWM
SPLP-BIS2EHP	N	A	1	8	oz	CWM

Comments: Sand: light gray, well sorted med gravel, medium dxr TRACE clay

Sketch Location: see attached Landfill 4 map

Logged BY / Date: _____

Reviewed BY / Date: _____

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INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number:

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA406

Sample Number: AA0010

Sample Name: BHGLTA406-DS-AA0010-REG

Sampling Method: DT

Collection Date: 1-5-00

Collection Time: 12:10

Start Depth: 20'

End Depth: 22'

Sample Team: DOUG JONES, BRAD NIELSON

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
BIS2EHP	N	A	1	8	oz	CWM
SPLP-BIS2EHP	N	A	1	8	oz	CWM

Comments: Sand; LIGHT BROWN, Fine grained, well SORTED, MOIST, ODOR

Sketch Location:

Logged BY / Date:

Reviewed BY / Date:

676 278

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number _____

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: THGLTA003

Sample Number: AA0003

Sample Name: THGLTA003-DS-AA0003-REG

Sampling Method: DT

Collection Date: 1-5-00

Collection Time: 14:00

Start Depth: 12'

End Depth: 14'

Sample Team: DOUG JONES, BRAD NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
LEAD	N	A	1	8	oz	CWM
SPLP-LEAD	N	A	1	8	oz	CWM

Comments: ~~slag: HARD, BROWN, TRASH "plastic" mixed in with 5% coarse gravel.~~ Sand: BROWN well SORTED fine grained NO ODOR T GRAVEL

Sketch Location: see attached landfill 4 map.

Logged BY / Date: _____

Reviewed BY / Date: _____

INTERNATIONAL TECHNOLOGY CORPORATION

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Sample Collection Log

Project: 774902 Carswell AFB DO0003
Manager: Mr. Will Carter

RFA / COC Number:

Site: LF04, LF05, LF08 & Waste Pile 7
Location Code: THGLTA003
Sample Number AA0004
Sample Name: THGLTA003-DS-AA0004-FD
Sampling Method: DT

Collection Date: 1-5-00
Collection Time: 14:00
Start Depth: 12'
End Depth: 14'

Sample Team: DOUG JONES
BRAD NIELSEN

Analytical Suite	Flt	Frtn	Containers Qty	Size	Units	Type
LEAD	N	A	1	8	oz	CWM
SPLP-LEAD	N	A	1	8	oz	CWM

Comments: ~~clay: Brown, Hard, TRASH "plastic" mixed in with 5% sewage gravel~~
Sand: BROWN, well sorted, well Rounded Fine grained

Sketch Location: see attached Landfill 4 map.

Logged BY / Date: _____ *Reviewed BY / Date:* _____

125 BY.

676 280

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID). NAS Fort Worth JR B.

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID THGLTA011-01

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF: N/A

SAMPLING METHOD: HA

SACODE: N1

BEGINNING DEPTH: 0.2

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH. 0.5

LOTCTLNUM: 033A

GRAB (X) COMPOSITE ( )

DATE: 8/25/97 TIME: 10:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" Sleeve/Stainless	1	<4°C		SW8260A	VOCs
8 oz GLASS	1	↓		SW8270B	SVOCs
8 oz GLASS	1	↓		SW6010A	Metals
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: Brown silty clay, dry	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER: Mike Redtang

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 281

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID). CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA011-02

MATRIX (IRPIMS): _____

SAMCODE: _____

SAMPLING METHOD _____

DUP./REP. OF : _____

SACODE: _____

BEGINNING DEPTH: _____

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH: _____

LOTCTLNUM: _____

GRAB ( ) COMPOSITE ( )

DATE: _____ TIME: _____

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
		No sample Taken			

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. _____

COMMENTS: No sample taken due to medical waste

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA012-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: N/A

BEGINNING DEPTH: 0.2'

SACODE: N1

END DEPTH: 0.5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

LOTCTLNUM: 033A

GRAB (X) COMPOSITE ( )

DATE: 8/25/97 TIME: 10:15

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" sleeve / stainless	1	<4°C		SW8260A	VOCs
8oz Glass	1	<4°C		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SW CVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckingridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER: Mike Redtang

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: TJGLOOP06

MATRIX (IRPIMS): SO

SAMCODE:

DUP./REP. OF: TJGLTH012-01

SAMPLING METHOD: HA

SACODE: FD1

BEGINNING DEPTH: 0.2'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 0.5'

LOTCTLNUM: 033A

GRAB (X) COMPOSITE ( )

DATE: 8/25/97 TIME: 10:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" Sleeve/Stainless	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1			SW6010A	Metals
				SW7471A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER: Mike Rodtang

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LFOS

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA012-02

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: G

DUP./REP. OF :

SACODE:

BEGINNING DEPTH: -

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH: -

LOTCTLNUM:

GRAB ( ) COMPOSITE ( )

DATE: 03SEP97 TIME:

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO:

COMMENTS: No sample was collected, Medical waste extended below 15 ft BGS

SAMPLER: Mike Redtang

OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: TAGLTA013-01

MATRIX (IRPIMS): 50

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: N/A

BEGINNING DEPTH: 0.2'

SACODE: N1

END DEPTH: 0.5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (✓)

LOTCTLNUM: 033A

GRAB (✓) COMPOSITE ( )

DATE: 8/25/97 TIME: 13:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" sleeve/stainless	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: Brown silty clay, no odor	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90-95°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER: Mike Radtang

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF-05

LOGCODE:

SAMPLE INFORMATION

SAMPLE ID: THLTM013-02

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF: —

SAMPLING METHOD: G

SACODE:

BEGINNING DEPTH: 15.0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES (X) NO ( )

END DEPTH: 15.5

LOTCTLNUM:

GRAB (X) COMPOSITE ( )

DATE: 04SEP97 TIME: 1700

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	3	4°C		SW8260A	VOC
8oz Glass	3	↓		SW8270B	SVOC
8oz Glass	3	↓		SW8010A	Metals
				SW7470A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR:	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR (X) OVERCAST/RAIN ____ WIND DRIECTION NE AMBIENT TEMP 95

SHIPMENT VIA: FED-X (X) HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quantum Lab 5910 Breckinridge Pkwy, Tampa FL

COMMENTS:

SAMPLER Michael Rudkey OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA014-01

MATRIX (IRPIMS): SO

SAMCODE:

DUP./REP. OF :

SAMPLING METHOD: HA

SACODE: N1

BEGINNING DEPTH: 0.2'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 0.5'

LOTCTLNUM: 033A

GRAB (X) COMPOSITE ( )

DATE: 8/25/97 TIME: 14:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" sleeve/stainless	1	<4°C		SW8260A	VOCs
8oz GLASS	1	↓		SW8270B	SVOCs
8oz GLASS	1	↓		SW6010A	Metals
				SW6VAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: Brown silt ~~mixed w/ PLASTIC, Brown~~	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90°

SHIPMENT VIA: FED-X Y HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER: Ken Hurley

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA014-02

MATRIX (IRPIMS): N/A

SAMCODE:

SAMPLING METHOD:

DUP./REP. OF :

BEGINNING DEPTH:

SACODE:

END DEPTH:

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

LOTCTLNUM:

GRAB ( ) COMPOSITE ( )

DATE: 05SEP97 TIME:

CONTAINER		PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	#				

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR.	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO:

COMMENTS: No sample collected, Medical waste extended beyond 15' BGS.

SAMPLER: M. Rodtang

OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA015-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: N/A

SACODE: N1

BEGINNING DEPTH: 0.2'

END DEPTH: 0.5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

LOTCTLNUM: 033A

GRAB (X) COMPOSITE ( )

DATE: 8/25/97 TIME: 14:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" sleeve/stainless	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SW7470A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: Brown silt mixed with plastic,	
2nd	ODOR: other refuse	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER: Ken Hurley

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA015-02

MATRIX (IRPIMS): NA

SAMCODE:

DUP./REP. OF :

SAMPLING METHOD:

SACODE:

BEGINNING DEPTH:

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH:

LOTCTLNUM:

GRAB ( ) COMPOSITE ( )

DATE: 03/06/97 TIME:

CONTAINER		PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	#				

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO:

COMMENTS: No sample taken, medical waste exceeded 15' BGS

SAMPLER: M. Rodtang OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA016-01

MATRIX (IRPIMS): SO

SAMCODE:

DUP./REP. OF: N/A

SAMPLING METHOD: HA

SACODE: N1

BEGINNING DEPTH: 0.2'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH: 0.5'

LOTCTLNUM: 033A

GRAB (x) COMPOSITE ( )

DATE: 8/25/97 TIME: 15:10

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" sleeve/Stainless	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1			SW6010A	METALS
				SWCVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): CFOS

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: TAGLTA 016-02

MATRIX (IRPIMS): N/A

SAMCODE:

DUP./REP. OF :

SAMPLING METHOD:

SACODE:

BEGINNING DEPTH:

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH:

LOTCTLNUM:

GRAB ( ) COMPOSITE ( )

DATE: 9/8/97 TIME:

CONTAINER		PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	#				

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO:

COMMENTS: No sample collected, Excavation was halted upon encountering blood-filled surgical tubing

SAMPLER: M. Redtang

OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HG-L

SAMPLE INFORMATION

SAMPLE ID: THG-LTA017-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: N/A

BEGINNING DEPTH: 0

SACODE: NI

END DEPTH: 0.5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

LOTCTLNUM: 033A

GRAB (X) COMPOSITE ( )

DATE: 8/25/97 TIME: 15:45

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" sleeve/Stainless	1	<4°C		SW 8260B	VOCs
8oz Glass	1	↓		SW 8270B	SVOCs
8oz Glass	1			SW 6010A	Metals
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: Brown silty clay	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER: E. Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGL TA017-02

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: G

DUP./REP. OF: N/A

BEGINNING DEPTH: 12.0'

SACODE: N1

END DEPTH: 12.5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

LOTCTLNUM: 01111A

GRAB (x) COMPOSITE ( )

DATE: 4/8/97 TIME: 14:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1			SW6010A	Metals
				SW7471A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 2.5	COLOR: yellow brown fine sand	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION W AMBIENT TEMP 85

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: M. Redtang OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA018-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: N/A

SACODE: N

BEGINNING DEPTH: 0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 0.5'

LOTCTLNUM: 077A

GRAB (X) COMPOSITE ( )

DATE: 9/2/97 TIME: 13:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" Sleeve/Stainless	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW 6010A	Metals
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER: Mike Rodtang

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA018-02

MATRIX (IRPIMS): ~~SO~~ NA

SAMCODE:

SAMPLING METHOD: ~~G~~

DUP./REP. OF :

SACODE:

BEGINNING DEPTH:

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH:

LOTCTLNUM:

GRAB ( ) COMPOSITE ( )

DATE: TIME:

CONTAINER		PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	#				

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER.	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO:

COMMENTS: No sample collected. High winds caused the excavation to be halted @ 14' BGS at which medical waste was still observed.

SAMPLER: OBSERVER:

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BR=BRASS RING	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	CS=COMPOSITE SAMPLE	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	C=CONTINUOUS FLIGHT AUGER	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAP\WIPE	DT=DRIVEN TUBE	SS=SPLIT SPOON
		W=SWAB\WIPE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA 019-01

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF: N/A

SAMPLING METHOD: HA

SACODE: NI

BEGINNING DEPTH: 0.2

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 0.5

LOTCTLNUM: 077A

GRAB (X) COMPOSITE ( )

DATE: 9/2/97 TIME: 14:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" sleeve/stainless	1	<4°C		SW8260A	VOCs
8oz GLASS	1	↓		SW8270B	SVOCs
4oz GLASS	1	↓		SW6010A	Metals
				SW7471A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90's

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER: Mike Redtang

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID). NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE.

SAMPLE INFORMATION

SAMPLE ID TH6LTA019-02

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: G

DUP /REP. OF : NO

BEGINNING DEPTH: 10.5

SACODE.

END DEPTH. 11.0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

LOTCTLNUM:

GRAB (✓) COMPOSITE ( )

DATE: 09SEP97 TIME 0900

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	4°C		SW8260B	VOC
8oz Glass	1	↓		SW8270B	SVOC
8oz Glass	1	↓		SW6010B	Metals
				SW CVAA	Hg
				SW 6010B	Pb

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0.0 ppm	COLOR: ~~Brown Silty Sand dry~~	
2nd 0.0 ppm Headspace	ODOR Decomposition	
3 ppm highest bit	OTHER Clean Fine SAND mixed	

GENERAL INFORMATION

WEATHER. SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DRIECTION W AMBIENT TEMP 90°

SHIPMENT VIA: FED-X ✓ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. Quanterra Lab 5916 Breckenridge Pkwy Tampa Fl

COMMENTS:

SAMPLER: Michael Kaufhang OBSERVER:

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BR=BRASS RING	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	CS=COMPOSITE SAMPLE	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	C=CONTINUOUS FLIGHT AUGER	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAP\WIPE	DT=DRIVEN TUBE	SS=SPLIT SPOON
		W=SWAB\WIPE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA020-01

MATRIX (IRPIMS): SO

SAMCODE:

DUP./REP. OF: N/A

SAMPLING METHOD: HA

SACODE: N1

BEGINNING DEPTH: 0.2

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH: 0.5

LOTCTLNUM: 077A

GRAB (x) COMPOSITE ( )

DATE: 9/02/97 TIME: 14.30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" Sleeve/stainless	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1			SW6010A	Metals
				SW7471A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90s

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER: Mike Redtang

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSW1

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGL00P07

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF: THGLTA020-01

SAMPLING METHOD: HA

SACODE: F01

BEGINNING DEPTH: 0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH: 0.5

LOTCTLNUM: 077A

GRAB (✓) COMPOSITE ( )

DATE: 9/02/97 TIME: 15:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" Sleeve/Stainless	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SW7471A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90's

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER: Mike Rodtang

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSLL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF-05

LOGCODE

SAMPLE INFORMATION

SAMPLE ID: THLLTA020-02

MATRIX (IRPIMS): SS

SAMCODE:

DUP./REP OF: M

SAMPLING METHOD: G

SACODE:

BEGINNING DEPTH: 13.0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: 13.5

LOTCTLNUM.

GRAB (X) COMPOSITE ( )

DATE. 09SEP97 TIME:

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass		4°C		SW8260A	VOC
8oz Glass		↓		SW8270B	SVOC
8oz Glass		↓		SW6010	Metals
				SW6020	Hg
				SW6010A	Mg

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR Brown	
2nd	ODOR	
	OTHER:	

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION N AMBIENT TEMP 90°

SHIPMENT VIA FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quantum Lab 5910 Breckenridge Pkwy Tampa Fl

COMMENTS.

SAMPLER Michael Barkley OBSERVER.

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR 0

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION _____ PROJECT AFC001-023E

SITE: LF-5

SAMPLE INFORMATION

MATRIX Water SAMPLE ID T13051398A

SAMPLING METHOD _____ DUP/REP. OF: —

BEGINNING DEPTH — MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (✓)

END DEPTH —

GRAB ( ) COMPOSITE ( ) DATE: 5/13/98 TIME 1830

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml/VOA	3	HCl			VOCs

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER. SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA. FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO REIRA/Chicago

COMMENTS. _____

SAMPLER: _____ OBSERVER. _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 303

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT: NAS FW JRB

SITE: LF-5

SAMPLE INFORMATION

MATRIX: water SAMPLE ID: EB051398A

SAMPLING METHOD: _____ DUP./REP OF: —

BEGINNING DEPTH: — MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: —

GRAB ( ) COMPOSITE ( ) DATE: _____ TIME: 1745

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
1L Amber	1	4°C			SVOCs
1L Amber	1	4°C			Herb
1L Amber	1	4°C			Organochlorine
1L Amber	1	4°C			Org Phos
1L Amber	1	4°C			Acid/PCBs
1L Amber	1	4°C			Extra

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN OC WIND DIRECTION NE AMBIENT TEMP 87°

SHIPMENT VIA FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RECRA/Chicago

COMMENTS: _____

SAMPLER: BN OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

4 Glass vials	3	HCl		VOCs
1L Poly	1	ZnAce		Cyanide
1L Poly		HNO_3		Metals, Hg
1L Poly	1	NaOH		Sulfide

AFCEE FORM SR 0

676 304

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION BMGLTA506-01 PROJECT NAS FW JRB

SITE Landfill 5

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID. BMGLTA506-01

SAMPLING METHOD SSR DUP./REP. OF: —

BEGINNING DEPTH 0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 0.5'

GRAB ( ) COMPOSITE ( ) DATE: 5/13/98 TIME: ~~##~~ 1520

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz glass	1	4°C			VOCs 8260
8oz glass	1	4°C			Metals, Mercury, Cyanide, Sulfide
8oz glass	1	4°C			Herb, Org. Pres, SVOC, Pest/PCB
8oz glass	1	4°C			DIF

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN OC WIND DRIECTION NE AMBIENT TEMP 87

SHIPMENT VIA FED-X 1 HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO RECRA/Chicago

COMMENTS

SAMPLER BW/BW OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

SSR Stainless Steel Ring
B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 305

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION _____ PROJECT NAS FW JRB

SITE LF-5

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BH6LTA506-02

SAMPLING METHOD SSR DUP./REP. OF: —

BEGINNING DEPTH 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6.5

GRAB (X) COMPOSITE ( ) DATE 5/13/99 TIME: 1420

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
Steel Ring ~~Boc glass~~	1	4°C			VOCs 8260
8oz glass	1	4°C			Metals, Mercury, Cyanide, SVOCs
8oz glass	1	4°C			Herb, Org Pest, SVOCs, Pest/PCBs
8oz glass	1	4°C			D/F

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN OC WIND DRIECTION NE AMBIENT TEMP 87

SHIPMENT VIA: FED-X ✓ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO RECRA/Chicago

COMMENTS. _____

SAMPLER. BN/BW OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

SSR stainless Steel Rings

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR 0

676 306

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT: NAS FW JRB

SITE: LF-5

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BH6LTA506-03

SAMPLING METHOD: SSR DUP /REP. OF: —

BEGINNING DEPTH: 8.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH: 11.5

GRAB (X) COMPOSITE ( ) DATE: 5/13/99 TIME: 1435

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION.	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SSR ~~Teflon glass~~	1	4°C			VOCs
Brz glass	1	4°C			Metals, Mercury, Cyanide, Sulfide
Brz glass	1	4°C			Herb, Org. Phos, SVOCs, Pest/PCBs
Brz glass	1	4°C			DIF

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR.	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER. SUN/CLEAR ____ OVERCAST/RAIN (X) WIND DRIECTION NE AMBIENT TEMP 87°

SHIPMENT VIA: FED-X (X) HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. RECRA/Chicago

COMMENTS: _____

SAMPLER BN/BW OBSERVER _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

SSR-Stainless Steel Ring
B=BAILER
~~BR=BRASS RING~~
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR 0

676 307

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT NAS FW JRB

SITE LF-5

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID BHGLTA501-01

SAMPLING METHOD SSR DUP./REP. OF: —

BEGINNING DEPTH 0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 0.5'

GRAB ( ) COMPOSITE ( ) DATE 5/13/98 TIME. 1010

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION.	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz glass	1	4°C			VOCs 8260
8oz glass	1	4°C			Metals, Mercury, Cyanide, Sulfide
8oz glass	1	4°C			Herb, Org Pest, SVOCs, Pest/PCBs
8oz glass	1	4°C			D/F

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR:	
	OTHER	

GENERAL INFORMATION

WEATHER. SUN/CLEAR ____ OVERCAST/RAIN OC WIND DRIECTION NE AMBIENT TEMP 80°

SHIPMENT VIA FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RECRA/Chicago

COMMENTS _____

SAMPLER. BN/BW OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

SSR - Stainless Steel K
B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION _____ PROJECT NAS FW JRB

SITE LF-5

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID. BHGLTA507-02

SAMPLING METHOD SSR DUP /REP. OF : –

BEGINNING DEPTH 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6.5

GRAB (X) COMPOSITE ( ) DATE: 5/13/98 TIME: 0951

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
~~4oz glass~~ SSA	1	4°C		8260	VOC's
8oz glass	1	4°C			Metals, Mercury, Cyanide, Sulfide
8oz glass	1	4°C			Herb, Org Phos, SVOC's, Acet/Acb
8oz glass	1	4°C			D/F

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN OC WIND DRIECTION NE AMBIENT TEMP 82°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO RECRA / Chicago

COMMENTS: _____

SAMPLER: BN/BW OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

SSR - Stainless Steel Ring
B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR 0

676 309

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT: NAS FW JRB

SITE: LF-5

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BH6LTA507-03

SAMPLING METHOD: SSR DUP./REP. OF: —

BEGINNING DEPTH: 8.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH: 11.5

GRAB ( ) COMPOSITE ( ) DATE: 5/13/96 TIME: 0955

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SSR	1	4°C		8260	VOC's
8oz glass	1	4°C			Metals, Hg, Cyanide, Sulfide
8oz glass	1	4°C			Herb, Org Phos, SVOC's, Pest/PCB's
8oz glass	1	4°C			D/F

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN OC WIND DRIECTION NE AMBIENT TEMP 82°

SHIPMENT VIA FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO RECRA/Chicago

COMMENTS _____

SAMPLER BW/BN OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

SSR - Stainless Steel Ring
B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR 0

676 310

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT: NAS FW JRB

SITE: LF-5

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BH6LTA508-01

SAMPLING METHOD: SSR DUP./REP. OF: –

BEGINNING DEPTH: 0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH: 0.5'

GRAB ( ) COMPOSITE ( ) DATE: 5/13/98 TIME: 1445

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz glass	1	4°C			VOCs
8oz glass	1	4°C			Metals, Hg, Cyanide, Sulfide
8oz glass	1	4°C			Herb, Org Phos, SVOCs, Pest/PCBs
8oz glass	1	4°C			O/F

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN OC WIND DIRECTION NE AMBIENT TEMP 87°

SHIPMENT VIA: FED-X Y HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO RECRA/Chicago

COMMENTS: _____

SAMPLER BW/BW OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

SSR – Stainless Steel Ring
B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION _____ PROJECT: NAS FW JRB

SITE LF-5

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID. BHLLTA508 02

SAMPLING METHOD SSR DUP /REP. OF: —

BEGINNING DEPTH 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6.5

GRAB (X) COMPOSITE ( ) DATE: 5/13/98 TIME: 1025

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SSR	1	4°C			VOC's
8oz glass	1	4°C			Metals, Hg, Cyanide, Sulfide
8oz glass	1	4°C			Herb, Org Phos, SVOC's, Acet/Ars
8oz glass	1	4°C			D/Furans

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN OC WIND DRIECTION NE AMBIENT TEMP 87°

SHIPMENT VIA. FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. RECRA/Chicago

COMMENTS: _____

SAMPLER: BN/BW OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

SSR - Stainless Steel Ring
B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR 0

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION _____ PROJECT: NAS FW JRB

SITE LF-5

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID. BHGLTA508-03

SAMPLING METHOD SSR DUP./REP. OF. –

BEGINNING DEPTH 8.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 11.5

GRAB (X) COMPOSITE ( ) DATE: 5/13/98 TIME: 1035

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SSR	1	4°C			VOC's
8oz glass	1	4°C			Metals, Hg, Cyanide, Sulfide
8oz glass	1	4°C			Herb, Org Phos, SVOC's, Pest/PCB,
8oz glass	1	4°C			Dioxins/Furans

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN OC WIND DRIECTION NE AMBIENT TEMP 81°

SHIPMENT VIA. FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO RECRA / Chicago

COMMENTS: _____

SAMPLER: BN/BW OBSERVER _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

SSR- Stainless Steel Ring
B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR 0

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION. _____ PROJECT NAS FW JRB

SITE: LF-5

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: DUP01

SAMPLING METHOD SSR DUP /REP. OF BHGLTA506-02

BEGINNING DEPTH 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6.5

GRAB (X) COMPOSITE ( ) DATE: 5/13/98 TIME: 1200

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz glass	1	4°C			VOC's
8oz glass	1	4°C			Metals, Hg, Cyanide, Sulfide
8oz glass	1	4°C			Herb, Org Phos, SVOCs, Pest/PCBs
8oz glass	1	4°C			Dioxins/Furans

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION NE AMBIENT TEMP 82°C

SHIPMENT VIA. FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO RECRA/Chicago

COMMENTS _____

SAMPLER. BW/BW OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

SSR Stainless Steel Ring
B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 311

HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFCOOZ-023E

SITE: LF-5

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHLTA509-02

SAMPLING METHOD DPT DUP./REP. OF: _____

BEGINNING DEPTH 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6.5

GRAB ( ) COMPOSITE ( ) DATE: 5/15/98 TIME: 928

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260A	VOCs
8oz jar	1	Ø		8270B/8080A/8140/8150	SVOCs, Pest/PCBs, OP Pest, Herb
8oz jar	1	Ø		8280	Dioxins/Furans
8oz jar	1	Ø		9010A/9030/6020/6020	Cyanide/Sulfide/Tot. Metals
					7471

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0.0ppm	COLOR:	
2nd 0.0ppm	ODOR	
	OTHER: VOCs collected from 4-4.5'	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 85

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Mau - RECRA Lab-Net

COMMENTS: _____

SAMPLER: B Nielsen OBSERVER: M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BR=BRASS RING	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	CS=COMPOSITE SAMPLE	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	C=CONTINUOUS FLIGHT AUGER	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAP\WIPE	DT=DRIVEN TUBE	SS=SPLIT SPOON
		W=SWAB\WIPE	SP=SUBMERSIBLE PUMP

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HYDRO Geologic INC

FIELD SAMPLING REPORT

LOCATION: NAS Fwj JRB PROJECT: AFC001-023E

SITE: LF-5

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLTN509-03

SAMPLING METHOD DT DUP./REP. OF: _____

BEGINNING DEPTH 8.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 11.5

GRAB ( ) COMPOSITE ( ) DATE: 5/18/98 TIME: 943

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260A	VOCs
8oz jar	1	Ø		8270B/8020A/8140/8150A	SVOCs, PestIPCB, OPPest, Herb
8oz jar	1	Ø		8280	Dioxins / Furans
8oz jar	1	Ø		9010A/9030/6010A 6010C 7471	Cyanide/Sulfide/Tot. Metals

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: VOCs from 9.5-10	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA Lab-Net

COMMENTS: _____

SAMPLER: B Nielsen OBSERVER: M Johnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR.0

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS Fwl JRB PROJECT: AFC001-023E

SITE: LF-5

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLT509-04

SAMPLING METHOD DT DUP./REP. OF: _____

BEGINNING DEPTH 13.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 16.5

GRAB ( ) COMPOSITE ( ) DATE: 5/18/98 TIME: 0955

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260B	VOCs
8oz jar	1	Ø		8270B/8080A/8140/8150A	SVOCs, Pest/PCBs, OPPest, Herb
8oz jar	1	Ø		8280	Dioxins/Furans
8oz jar	1	Ø		9010A/9030/6010A, 6010, 7470	Cyanide/Sulfide/Tot. Metals

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: VOCs 15-15.5'	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA Lab-Net

COMMENTS: _____

SAMPLER: B Nielsen OBSERVER: M Johnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFC001-023E

SITE: LF-5

SAMPLE INFORMATION

MATRIX: GWQ SAMPLE ID: EB051598

SAMPLING METHOD _____ DUP./REP. OF: _____

BEGINNING DEPTH _____ MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH _____

GRAB ( ) COMPOSITE ( ) DATE: 5/15/98 TIME: 1230

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40mL	3	HCl		8260A	VOCs
1 Lamber	1	Ø		8270B	SVOCs
1L amber	1	Ø		8080A	Pest / PCBs
1L amber	1	Ø		8140	OP Pest.
1 Lamber	1	Ø		8150B	Herbicides
1 Lamber	1	Ø		8280	Dioxins / Furans

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR.	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RFCRA Lab Net

COMMENTS: _____

SAMPLER: B Nielsen OBSERVER: M Johnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

1L poly	1	NaOH		9010A	Cyanide
1L poly	1	HNO_3	AFCEE FORM SR 0	6010A / 6020 / 7471	metals / mercury
1L poly	1	Zinc Acetate		9030	Sulfide

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION NAS FW JRB PROJECT AFC001-023E

SITE: CF-5

SAMPLE INFORMATION

MATRIX WQ SAMPLE ID: AB051598

SAMPLING METHOD _____ DUP./REP. OF: _____

BEGINNING DEPTH _____ MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH _____

GRAB ( ) COMPOSITE ( ) DATE: 5/15/98 TIME: 1230

CONTAINER SIZE/TYPE	CONTAINER #	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40 mL	3	HCl		8260A	VOCs

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA Lab-Net

COMMENTS: _____

SAMPLER: B Nielsen OBSERVER: M. Johnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION: NAS FWJRB PROJECT AFC001-023E

SITE: LF-5

SAMPLE INFORMATION

MATRIX WQ SAMPLE ID

SAMPLING METHOD DUP/REP OF

BEGINNING DEPTH MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH

GRAB ( ) COMPOSITE ( ) DATE: 5/15/98 TIME: 1400

CONTAINER SIZE/TYPE	CONTAINER #	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40mL	1	HCl		8260A	VOCs

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR.	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO Chuck Maw - RECRA Lab-Net

COMMENTS.

SAMPLER OBSERVER

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FWJRB PROJECT: AFC001-023E

SITE: LF-5

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLTA505-02

SAMPLING METHOD DT DUP./REP. OF: _____

BEGINNING DEPTH 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6.5

GRAB ( ) COMPOSITE ( ) DATE: 5/18/98 TIME: 1020

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260A	VOCs
8oz jar	1	Ø		8280	Dioxins / Furans
8oz jar	1	Ø		7010A/9030/6010A	Cyanide/Sulfide/Tot metals
8oz jar	1	Ø		8150B/8140/8080A/8270B	Herb/Org-Phos/Pest-PCBs/SVOCs

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP 78°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA - Lab - Nox

COMMENTS: Humid, hazy, little breeze

SAMPLER: BNielsen OBSERVER: MJohnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS FWJRR PROJECT AFC001-023F

SITE: LF-5

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BH6LTA505-03

SAMPLING METHOD 8.5 DUP./REP. OF : _____

BEGINNING DEPTH 11.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH _____

GRAB ( ) COMPOSITE ( ) DATE: ~~5/18/98~~ 5/18/98 TIME: 1030

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260A	VOCs
8oz jar	1	Ø		8280	Dioxins/Furans
8oz jar	1	Ø		9010A/9030/6010A	Cyanide/Sulfide/Tot Metals
8oz jar	1	Ø		8150B/8140/8080B/8270B	Herbic./OPPest/Pest-PCBs/SVOCs

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER.	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA Lab-NCJ

COMMENTS: Hazy, humid, little breeze

SAMPLER: BNielsen OBSERVER. M. Johnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFC001-023E

SITE: LF-

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BH6LTA505-04

SAMPLING METHOD 13.5 DUP./REP. OF: _____

BEGINNING DEPTH 16.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH _____

GRAB ( ) COMPOSITE ( ) DATE: 5/18/98 TIME: 1050

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260A	VOCs
8oz jar	1	Ø			Herb/OP Pest/PCB/SVOCs
8oz jar	1	Ø		8280	Dioxins/Furans
8oz jar	1	Ø		9010A/9050 Modified	Cyanide/Sulfide, Tot Metals

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP. ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc

FIELD SAMPLING REPORT

LOCATION: NAS FL JRB PROJECT: AFCEE01-023E

SITE: LF-5

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLTA505-05

SAMPLING METHOD _____ DUP./REP. OF: _____

BEGINNING DEPTH 18.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE

END DEPTH 20.5 YES ( ) NO ( )

GRAB (X) COMPOSITE ( ) DATE: 5.18.98 TIME: 1105

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS sleeve	1	D		8260A	
8oz Jar	1	D		8270	
8oz Jar	1	D		6010A/[illegible]/7471	Total Metals/Sulfide/Cyanide/Hg
8oz Jar	1	D		8100/[illegible]/[illegible]/[illegible]	HCL/ Carbon/ DC Pest-Pesti/ Surrs

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. Chuck May - Recra Lab Net

COMMENTS: Hazy, humid, breezy

SAMPLER: B. Nielsen OBSERVER: M. Johnston

MATRIX TYPE CODES	
DC=DRILL CUTTINGS	SL=SLUDGE
WG=GROUND WATER	SO=SOIL
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER
SE=SEDIMENT	SW=SWAP\WIPE

SAMPLING METHOD CODES	
B=BAILER	G=GRAB
BR=BRASS RING	HA=HAND AUGER
CS=COMPOSITE SAMPLE	H=HOLLOW STEM AUGER
C=CONTINUOUS FLIGHT AUGER	HP=HYDRO PUNCH
DT=DRIVEN TUBE	SS=SPLIT SPOON
W=SWAB\WIPE	SP=SUBMERSIBLE PUMP

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HYDRO Geologic Inc

FIELD SAMPLING REPORT

LOCATION. NAS FWJRB PROJECT: AFC001-023E

SITE: LF-5

SAMPLE INFORMATION

MATRIX ~~SO~~ WQ SAMPLE ID: EB051898

SAMPLING METHOD _____ DUP./REP. OF: _____

BEGINNING DEPTH _____ MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH _____

GRAB ( ) COMPOSITE ( ) DATE: 5/18/98 TIME: 1120

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40mL VOA	3	HCl		8260A	VOCs
1L amber	1			8270B	SVOCs
1L amber	1			8150B	Herbicides
1L amber	1			8140	OP Pest
1L amber	1			8080A	Pest-PCBs
1L amber	1			8280	~~Extra~~ Dioxins/Furans

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR.	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

1L Poly	1	NaOH		9010A	Cyanide
1L Poly	1	Zinc Acetate		9030	Sulfide
1L Poly	1	HNO_3		6010A/ 7470	Total Met / Mercury
1L amber	1	Ø			Extra

AFCEE FORM SR.0

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB

SITE: Landfill 5

PROJECT NAME RCRA Landfills Investigation

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA510-01

DATE: 10/8/99 TIME: 905

MATRIX TYPE: SO

SAMPLING METHOD: G

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 200002

SAMPLE BEG DEPTH (FT) 0

SAMPLE END DEPTH (FT) 0.5 to ~9

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS): —

MATRIX SPIKE DUP (SD): —

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) EB100899

TRIP BLANK (TB) TB100899

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
8 oz soil	2	Cool to 4C/none	SW6010A-tr / SW1312	Lead / SPLP

NOTABLE OBSERVATIONS

PID READINGS		SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	0	COLOR	
2nd		ODOR	
		OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMPERATURE 70°

SHIPMENT VIA. FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: STL - Chicago

COMMENTS ____

SAMPLER R Wallace OBSERVER: M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

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LOCATION. NAS Ft Worth JRB — PROJECT NAME RCRA Landfills Investigation

SITE. Landfill 5 — PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA511-02 — DATE: 10/8/99 TIME: 850

MATRIX TYPE: SO

SAMPLING METHOD: DT

LOT CONTROL #: 0 0 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 200002

SAMPLE BEG DEPTH (FT) 4

SAMPLE END DEPTH (FT) 6

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD): —

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) EB100899

TRIP BLANK (TB) TB100899

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
8 oz. Jar	1	Cool to 4 C	SW6010-tr	Lead
SS sleeve	1	Cool to 4 C	SW8260B	VOCs (App IX)
8 oz Jar	1	Cool to 4 C	SW8270C	SVOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS		SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	C'	COLOR	
2nd		ODOR	
		OTHER	

pH NR Temperature NR (C) Dissolved Oxygen NR (mg/L) Specific Conductivity NR (umhos/cm)

Iron NR (mg/L) Oxidation/Reduction Potential NR (mv) Turbidity NR (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMPERATURE 70°

SHIPMENT VIA FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS.

SAMPLER. R Wallace — OBSERVER: M Johnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS, SL=SLUDGE, WG=GROUND WATER, SO=SOIL, LH=HAZARDOUS LIQUID WASTE, GS=SOIL GAS, SH=HAZARDOUS SOLID WASTE, WS=SURFACE WATER, SE=SEDIMENT, W=WATER

SAMPLING METHOD CODES

B=BAILER, G=GRAB, BP=BLADDER PUMP, HA=HAND AUGER, BR=BRASS RING, H=HOLLOW STEM AUGER, CS=COMPOSITE SAMPLE, LP=LABORATORY PREP, C=CONTINUOUS FLIGHT AUGER, SS=SPLIT SPOON, DT=DRIVEN TUBE, SP=SUBMERSIBLE PUMP

676 327

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number. 160004

Site: LF04, LF05, LF08 & Waste Pile 7

Collection Date: 1/4/00

Location Code: THGLTA011

Collection Time: 16:15

Sample Number: AA0022

Sample Name: THGLTA011-SS-AA0022-REG

Start Depth: 0"

Sampling Method: G

End Depth: 6"

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM

Sample Team: DOUG JONES
BRAD NEILSEN

Comments: SOIL, sandy organic matter

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

676 328

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160004

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: THGLTA011

Sample Number: AA0023

Sample Name: THGLTA011-SS-AA0023-FD

Sampling Method: G

Collection Date: 1/4/00

Collection Time: 16:30

Start Depth: 0"

End Depth: 6"

Sample Team. DOUG JONES, BRAD NEILSON

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM

Comments: soil sandy organic matter

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

676 329

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160004

Site: LF04, LF05, LF08 & Waste Pile 7

Collection Date: 1/4/99

Location Code: THGLTA017

Collection Time: 16:00

Sample Number: AA0020

Sample Name: THGLTA017-SS-AA0020-REG

Start Depth: 0"

Sampling Method: G

End Depth: 6"

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM

Sample Team: DOUG JONES, BRAD NEILSEN

Comments: Soil, sandy

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

676 330

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number:

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA506

Sample Number: AA0019

Sample Name: BHGLTA506-DS-AA0019-REG

Sampling Method: DT

Collection Date: 1-5-00

Collection Time: 14:50

Start Depth: 5'

End Depth: 7'

Sample Team: D. Jones, B. Nielsen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
BABECR	N	A	1	8	oz	CWM
SPLP-BABECR	N	A	1	8	oz	CWM

Comments: clay; LIGHT BROWN, SILTY, DRY, NO ODOR

Sketch Location: see attached landfill 5 map.

Logged BY / Date: _____

Reviewed BY / Date: _____

676 331

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: _____

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: THGLTA017

Sample Number: AA0021

Sample Name: THGLTA017-DS-AA0021-REG

Sampling Method: DT

Collection Date: 1-5-00

Collection Time: 15:15

Start Depth: 12'

End Depth: 14'

Sample Team: D Jones, B Nielsen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM

Comments: CLAY TO SAND: LIGHT BROWN, fine grained, well sorted, DRY NO OD

Sketch Location: see attached Landfill 5 map

Logged BY / Date: _____

Reviewed BY / Date: _____

676 332

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number:

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA509

Sample Number: AA0016

Sample Name: BHGLTA509-DS-AA0016-REG

Sampling Method: DT

Collection Date: 1-5-00

Collection Time: 15:30

Start Depth: 5'

End Depth: 7'

Sample Team: D Jones, B Nielsen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM
CHROMIUM	N	B	1	8	oz	CWM
SPLP-CHROMIUM	N	B	1	8	oz	CWM

Comments: CLAY: medium BROWN, slightly, chalky, silty, DRY, 2% TRASH "paper, glass, plastic"

Sketch Location: see attached Landfill 5 map

Logged BY / Date:

Reviewed BY / Date:

676 333

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number _____

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA509

Sample Number: AA0016MS

Sample Name: BHGLTA509-DS-AA0016MS-MS

Sampling Method: DT

Collection Date: 1-5-00

Collection Time: 15:30

Start Depth: 5'

End Depth: 7'

Sample Team: D Jones, B Nielsen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM
CHROMIUM	N	B	1	8	oz	CWM
SPLP-CHROMIUM	N	B	1	8	oz	CWM

Comments: clay: medium BROWN, silty, chalky, DRY, NO ODOR.
2% TRASH "paper, GLASS, plastic no medical waist

Sketch Location: see attached Landfill Map

Logged BY / Date: _____ *Reviewed BY / Date:* _____

676 334

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number:

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA509

Sample Number: AA0016MSD

Sample Name: BHGLTA509-DS-AA0016MSD-MSD

Sampling Method: DT

Collection Date: 1-5-00

Collection Time 15:30

Start Depth: 5'

End Depth: 7'

Sample Team: O Jones, B Nielsen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM
CHROMIUM	N	B	1	8	oz	CWM
SPLP-CHROMIUM	N	B	1	8	oz	CWM

Comments: Clay medium BROWN, silty, chalky, DRY, NO ODOR 2% TRASH "paper, GLASS, PLASTIC" NO medical waste

Sketch Location: see ATTACHED LANDFILL 5 MAP

Logged BY / Date: _____

Reviewed BY / Date: _____

676 335

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number:

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA509

Sample Number: AA0017

Sample Name: BHGLTA509-DS-AA0017-REG

Sampling Method: DT

Collection Date: 1-5-00

Collection Time: 15.45

Start Depth: 10'

End Depth: 12'

Sample Team. D. JONES
B. NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PAH	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM
CHROMIUM	N	B	1	8	oz	CWM
SPLP-CHROMIUM	N	B	1	8	oz	CWM

Comments: Sand, medium BROWN, well SORTED, FINE GRAINED, NO ODOR DRY,

Sketch Location: see attached LandFill 5 map

Logged BY / Date:

Reviewed BY / Date:

676 306

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number:

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA509

Sample Number: AA0018

Sample Name: BHGLTA509-DS-AA0018-REG

Sampling Method: DT

Collection Date: 1-5-00

Collection Time 15:55

Start Depth: 15'

End Depth. 17'

Sample Team: D. JONES, B. NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	1	8	oz	CWM
SPLP-O,O,O-TEPP	N	A	1	8	oz	CWM

Comments: Sand: medium BROWN, well SORTED, Fine grained, DRY, NO ODOR NO TRASH

Sketch Location: see attached Landfill 5 map

Logged BY / Date:

Reviewed BY / Date:

676 337

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: **LF04, LF05, LF08 & Waste Pile 7**

Location Code **BHGLTA515**

Sample Number: **AA0126**

Sample Name: **BHGLTA515-DS-AA0126-REG**

Sampling Method. **II**

Collection Date: 6-15-00

Collection Time: 10:20

Start Depth: 8'

End Depth: 10

QC Partners:

Trip Blank

Rinsate

Field Blank

Sample Team: D Jones

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix Soil

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
SW8260	N	A	1	8	oz	CWM

Comments: SS slide

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
of The IT Group

676 338

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA515

Sample Number: AA0125

Sample Name: BHGLTA515-DS-AA0125-REG

Sampling Method: H

Collection Date: 6-15-00

Collection Time: 11:10

Start Depth: 3'

End Depth: 5'

Sample Team: D. JONES

QC Partners:

Trip Blank

Rinsate

Field Blank

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
SW8260	N	A	1	8	oz	CWM

Comments: SS SLIPE

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

676 339

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID) WP07 - BHGLTA001

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: BHGLTA001-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: H

DUP./REP. OF: N/A

SACODE: N1

BEGINNING DEPTH: 0.0'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 2.0'

LOTCTLNUM: 044A

GRAB (X) COMPOSITE ( )

DATE: 8/26/97 TIME: 9:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Ring	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1			SW6010A	Metals
				SW CVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: Dark brown Loam, dry	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90-95°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Ken Hurley

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 340

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): WP07 BHGLTA001

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: BHGLTA001-02

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: H

DUP./REP. OF: N/A

SACODE: N1

BEGINNING DEPTH: 20'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 22'

LOTCTLNUM: 044A

GRAB (X) COMPOSITE ( )

DATE: 8/26/97 TIME: 9:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Ring	1	<4°C		SW 8260A	VOCs
8oz JAR	1	↓		SW 8270B	SVOCs
8oz JAR	1			SW 6010A	Metals
				SW CVAA	Hg
				SW CVAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 23 ppm	COLOR. white/yellow well sorted sand, wet	
2nd 23.5 ppm	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90-95°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER Mike Rodtang OBSERVER: Ken Hurley

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): WP07 - BHGLTA002

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: BHGLTA002-01

MATRIX (IRPIMS): SO

SAMCODE:

DUP./REP. OF: N/A

SAMPLING METHOD: H

SACODE: N1

BEGINNING DEPTH: 0'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: 2.0'

LOTCTLNUM: 044A

GRAB (X) COMPOSITE ( )

DATE: 8/26/97 TIME: 10:10

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
S.S. Ring	1	< 4°C		SW8260A	VOCs
8 oz GLASS	1	↓		SW8270B	SVOCs
8 oz GLASS	1			SW6010A	Metals
				SW7470A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: Dark brown silt, dry	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Redtang OBSERVER: Ken Hurley

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): WP07 - BHGLTA002

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: BHGLTA DUP13

MATRIX (IRPIMS): SO

SAMCODE:

DUP./REP. OF: BHGLTA002-01

SAMPLING METHOD: H

SACODE: F01

BEGINNING DEPTH: 0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

END DEPTH: 2.0'

LOTCTLNUM: 044A

GRAB (x) COMPOSITE ( )

DATE: 8/26/97 TIME: 10:20

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Ring	1	< 4°C		SW8260A	VOCs
8oz GLASS	1	↓		SW8270B	SVOCs
8oz GLASS	1			SW6010A	Metals
				SW CVAA	Hg
				SW6010A	~~Alc~~ Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR. Dark Brown Silt, Dry	
2nd	ODOR:	
	OTHER.	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Redtang OBSERVER: Ken Hurley

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 343

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID). NAS Fort Worth JR B

SITE (SITEID): WP07 BHGLTA002

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: BHGLTA002-02

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: H

DUP./REP. OF: N/A

BEGINNING DEPTH: 20'

SACODE: N1

END DEPTH: 22'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

LOTCTLNUM: 044A

GRAB (x) COMPOSITE ( )

DATE: 5/26/97 TIME: 11:50

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Ring	1	<4°C		SW8260A	VOCs
8 oz JAR	1	↓		SW8270B	SVOCs
8 oz JAR	1			SW6010A	Metals
				SW CV AA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 14.5ppm	COLOR Yellowish brown wellsorted sand	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKwy, Tampa, FL

COMMENTS:

SAMPLER Mike Rodtang OBSERVER: Ken Hurley

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 341

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CR5WL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): WP07, BHG-LTA 003

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID. BHGLTA003-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: H

DUP./REP. OF: N/A

BEGINNING DEPTH: 0

SACODE: N1

END DEPTH: 2.0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

LOTCTLNUM: 044A

GRAB (X) COMPOSITE ( )

DATE: 3/26/97 TIME: 13:25

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Ring	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1			SW6010A	Metals
				SW CVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0.0 ppm	COLOR: Dark brown Fill material	
2nd	ODOR.	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION N AMBIENT TEMP 90-95°

SHIPMENT VIA. FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS: VOCs from 0-6" (SS Ring)

SAMPLER. Mike Rodtang OBSERVER: Ken Hurley

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 345

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION (AFIID) CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): WP07 → BHGLTA003

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: BHGLTA003-02

SAMCODE:

MATRIX (IRPIMS): 50

DUP /REP. OF : N/A

SAMPLING METHOD. H

SACODE: N1

BEGINNING DEPTH: 18.0'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH. 20.0'

LOTCTLNUM. 044A

GRAB (X) COMPOSITE ( )

DATE: 8/26/97 TIME: 14:35

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Ring	1	< 4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SWCVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 45.0 ppm	COLOR: Yellow Orange Fine SAND	
2nd	ODOR:	
	OTHER.	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90-95

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Ken Hurley

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BR=BRASS RING	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	CS=COMPOSITE SAMPLE	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	C=CONTINUOUS FLIGHT AUGER	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAP\WIPE	DT=DRIVEN TUBE	SS=SPLIT SPOON
		W=SWAB\WIPE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): WP07 → BHGLTA004

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: BHGLTA004-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: H

DUP./REP. OF: N/A

BEGINNING DEPTH: 0'

SACODE: N1

END DEPTH: 2.0'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

LOTCTLNUM: 044A

GRAB (X) COMPOSITE ( )

DATE: 8/26/97 TIME: 15:20

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Ring	1	<4°C		SW8260A	VOCs
8oz GLASS	1	↓		SW8270B	SVOCs
8oz GLASS	1			SW6010A	METALS
				SW CVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: Dark brown fine sandy silt,	
2nd	ODOR: dry	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90-95°

SHIPMENT VIA FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS. VOCs collected from 0-6"

SAMPLER. Mike Rodtang OBSERVER: Ken Hurley

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR.0

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

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LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): WP07 → BHGLTA004

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: BHGLTA004-02

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: H

DUP./REP. OF: N/A

BEGINNING DEPTH: 18.0

SACODE: N/

END DEPTH: 20.0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

LOTCTLNUM: 044A

GRAB (x) COMPOSITE ( )

DATE: 8/26/97 TIME: 16:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Ring	1	<4°C		SW8260A	VOCs
8oz JAR	1	↓		SW8270B	SVOCs
8oz JAR	1	↓		SW6010A	Metals
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 102.2ppm	COLOR Yellow Orange Fine Sand	
2nd	ODOR	
	OTHER:	

GENERAL INFORMATION

WEATHER. SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 95°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Redtang OBSERVER: Ken Hurley

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR.0

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HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): WP07 → BHGLTA005

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: BHGLTA005-01

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF: N/A

SAMPLING METHOD: H

SACODE: N1

BEGINNING DEPTH: 0'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 2.0'

LOTCTLNUM: 055A

GRAB (X) COMPOSITE ( )

DATE: 8/27/97 TIME: 9:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
55 Ring	1	< 4°C		SW8260A	VOC
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1			SW6010A	Metals
				SW CVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 1.7ppm	COLOR Dark Brown (5M)	
2nd	ODOR:	
	OTHER: Some Quartz Gravel	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 85

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS: VOCs collected at 0-6"

SAMPLER: Mike Redtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): WP07 → BHGLTA005

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: BHGLTA005-02

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: H

DUP./REP. OF: N/A

BEGINNING DEPTH: 12'

SACODE: N1

END DEPTH: 14'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

LOTCTLNUM: 055A

GRAB (X) COMPOSITE ( )

DATE: 8/27/97 TIME: 8:55

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
S.S. Ring	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1			SW6010A	Metals
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 85 ppm	COLOR: Light Brown very fine SAND	
2nd	ODOR:	
	OTHER.	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 85

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): WP07 - BHGLTA006

LOGCODE: HG-L

SAMPLE INFORMATION

SAMPLE ID: BHGLTA006-01

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF: N/A

SAMPLING METHOD: H

SACODE: N1, FD1

BEGINNING DEPTH: 0'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 2'

LOTCTLNUM: 055A

GRAB (X) COMPOSITE ( )

DATE: 8/27/97 TIME: 9:30, 9:15 (Dup)

CONTAINER SIZE/TYPE	CONTAINER #	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Ring	2	<4°C		SW8260A	VOCs
8oz JAR	2	↓		SW8270B	SVOCs
8oz JAR	2	↓		SW 6010A	Metals
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: Dark brown sandy silt	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 85-90°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab,

COMMENTS: VOC's collected from 0-6' BGS

SAMPLER: Mike Redtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): WP07 - BHGLTA006

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: BHGLTA006-02

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF: N/A

SAMPLING METHOD: H

SACODE: N1

BEGINNING DEPTH: 14

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

END DEPTH: 16

LOTCTLNUM: 055A

GRAB (x) COMPOSITE ( )

DATE: 8/27/97 TIME: 10:10

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Ring	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓	-	SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SW7470A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 36.3ppm	COLOR: Light brown very fine sand	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90-95°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Redtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): WP-07 → BHGLTA007

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: BHGLTA007-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: H

DUP./REP. OF :

SACODE: N1, MS1, SD1

BEGINNING DEPTH: 0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES (X) NO ( )

END DEPTH: 2.0'

LOTCTLNUM: ~~N1, MS1, SD1~~ 055A

GRAB (x) COMPOSITE ( )

DATE: 8/27/97 TIME: 11:35

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Ring	3	<4°C		SW8260A	VOCs
8oz Glass	3	↓		SW8270B	SVOCs
8oz Glass	3	↓		SW6010A	Metals
				SW CVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: Dark brown silty sand mix	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90-95°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Redtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): WP07, BHGLTA007

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: BHGLTA007-02

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF: N/A

SAMPLING METHOD: H

SACODE: N1

BEGINNING DEPTH: 12.0'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

END DEPTH: 14.0'

LOTCTLNUM: 055A

GRAB (X) COMPOSITE ( )

DATE: 8/27/97 TIME: 12:10

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Ring	1	<4°C		SW8260A	VOCs
8oz Glass	1	X		~~SW8270B~~	SVOCs
8oz Glass	1	X		~~SW6010A~~	Metals
				~~SW7470A~~	Hg
				~~SW6010A~~	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 101.2 ppm	COLOR: Lt Brown very fine sand	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90-95

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS: Insufficient sample volume for SVOCs/Metals

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: Ft. Worth PROJECT: AFC 001-02 3R

SITE: UP 07

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BH6LTA072-01

SAMPLING METHOD G DUP./REP. OF: –

BEGINNING DEPTH 0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES (✓) NO ( )

END DEPTH 0.5

GRAB (X) COMPOSITE ( ) DATE: 5/27/98 TIME: 1410

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
5SR	1	4°C		8260	VOC
8oz	1	4°C		8140, 8270A	Org. Phos/Pest, SVOC
				8080A, 8150A	Pest/PCB
8oz	1	4°C		6010A, 9010	total metals/sulfide
				9016A	Cyanide
8oz	1	4°C		8280	Dioxins/Furans

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN OC WIND DIRECTION SE AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X ✓ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: ____

COMMENTS: ____

SAMPLER: BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAB\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION: NAS Ft. Worth JRB PROJECT: AFC 001-02 3E

SITE: WP07

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA072-01MD

SAMPLING METHOD G DUP./REP. OF: –

BEGINNING DEPTH 0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES (X) NO ( )

END DEPTH 0.5'

GRAB ( ) COMPOSITE ( ) DATE: 5/27/98 TIME: 1410

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
55R	1	4°C		8260	VOC
8oz	1	4°C		8140, 8270A	Org Phos/Pest, SVOC
				8080A, 8150A	Pest/PCB
8oz	1	4°C		per QAPP, 9035	total metals, sulfide
				9010 A	Cyanide
8oz	1	4°C		8280	Dioxin/Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN OC WIND DIRECTION SE AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: ____

COMMENTS: ____

SAMPLER: BN OBSERVER: PX

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION: NAS Ft. Worth SRB PROJECT: AFC 001-02-3E

SITE: WP07

SAMPLE INFORMATION

MATRIX SO

SAMPLE ID: BHGLTA072-01MS

SAMPLING METHOD G

DUP./REP. OF: —

BEGINNING DEPTH 0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES (X) NO ( )

END DEPTH 0.5'

GRAB ( ) COMPOSITE ( )

DATE: 5/27/98 TIME: 1410

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SSR	1	4°C		8260	VOC
8oz	1	4°C		8140, 8270A	Org. Phos/Pest, SVOC
				8080A 8150A	Pest/PCB
8oz	1	4°C		6010A/7000, 7471	total metals, sulfide
				9016 A	Cyanide
8oz	1	4°C		8280	Dioxins/Furans

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN OC WIND DIRECTION SE AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: ____

COMMENTS: ____

SAMPLER: BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic INC.

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB PROJECT: AFCEE 1 - CZ 3E

SITE: WP07

SAMPLE INFORMATION

MATRIX: soil SAMPLE ID: BH6LTA072-02

SAMPLING METHOD: SSR DUP./REP. OF: —

BEGINNING DEPTH: 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO. (X)

END DEPTH: 6.5

GRAB ( ) COMPOSITE ( ) DATE: 5/27/98 TIME: 1455

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SSR	1	4°C		8260	VOCs
8oz	1	4°C		8141A, 8270	Org Phos Pest, SVOCs
				8080A, 8150A	Pest/PCB, Herb
8oz	1	4°C		6010A, 9030	Total metals, Sulfide
				9010A	Cyanide
8oz	1	4°C		8280	Dioxin/Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN OC WIND DIRECTION SE AMBIENT TEMP ____

SHIPMENT VIA: FED-X ✓ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: ____

COMMENTS: ____

SAMPLER: BW OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS Ft. Worth JRB PROJECT: AFCEE 001-02 3E

SITE: WP07

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BHGLTA072-03

SAMPLING METHOD: SSR DUP./REP. OF: —

BEGINNING DEPTH: 8.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: 11.5

GRAB ( ) COMPOSITE ( ) DATE: 5/22/98 TIME: 1505

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SSR	1	4°C		8260	VOC,
802	1	4°C		8140, 8270A	Org. Phos/Pest., SVOC
				8080A, 8150A	Pest/PCB, Herb
802	1	4°C		per QAPP, 9012	total metals, ~~cyanide~~ sulfide
				9010A	Cyanide
802	1	4°C		8280	Dioxins/Furans

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN DC WIND DIRECTION SE AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: ____

COMMENTS: ____

SAMPLER: BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION: NAS Ft. Worth JRB PROJECT: AFCEE 01-023E

SITE: WP07

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BH6LFA072-04

SAMPLING METHOD SSR DUP./REP. OF: —

BEGINNING DEPTH 13.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (✓)

END DEPTH 16.5

GRAB (✓) COMPOSITE ( ) DATE: 5/27/03 TIME: 1640

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SSR	1	4°C		8260	VOCs
8 oz	1	4°C		8140, 8270A	Org. Phos/Pest, SVOC
		~~4°C~~		8080A, 8150A	Pest/PCB
8 oz	1	4°C		per QAPP, 9030	total metals/sulfide
				9010 A	Cyanide
8 oz	1	4°C		8280	Dioxins/Furans

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN OC WIND DRIECTION SE AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X ✓ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: ____

COMMENTS: ____

SAMPLER: BW OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic INC.

FIELD SAMPLING REPORT

LOCATION: NAS Ft. Worth JRB PROJECT: AFCEE 001-02-BE

SITE: WP07

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: B016LVA072-05

SAMPLING METHOD SSA DUP./REP. OF: —

BEGINNING DEPTH 18.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (✓)

END DEPTH 21.5

GRAB (✓) COMPOSITE ( ) DATE: 5/27/98 TIME: 1645

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
55 gal	1	4° C		8260	VOCs
8 oz	1	4° C		8140, 8270A	Org Phos/Pest, SVOC
				8080A, 8150A	Pest/PCBs
8 oz	1	4° C		per QAPP, 9010	Total Metals/sulfide
				9010 A	Cyanide
8 oz	1	4° C		8280	Dioxin/Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN OC WIND DRIECTION SE AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: ____

COMMENTS: ____

SAMPLER: BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT : _____

SITE: _____

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA073-01

SAMPLING METHOD G DUP./REP. OF : _____

BEGINNING DEPTH 0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE: YES ( ) NO ( )

END DEPTH 0.5'

GRAB (✓) COMPOSITE ( ) DATE: 5/4/98 TIME: 1110

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT : _____

SITE: _____

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA073-02

SAMPLING METHOD SSR DUP./REP. OF : _____

BEGINNING DEPTH 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6.5

GRAB (✓) COMPOSITE ( ) DATE: 5/22/99 TIME: 1320

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR.0

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT: _____

SITE: _____

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA073-03

SAMPLING METHOD SSR DUP./REP. OF: —

BEGINNING DEPTH 8.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 11.5

GRAB (✓) COMPOSITE ( ) DATE: 5/27/98 TIME: 1325

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT : _____

SITE: _____

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA073-04

SAMPLING METHOD SSR DUP./REP. OF : —

BEGINNING DEPTH 13.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 16.5

GRAB (✓) COMPOSITE ( ) DATE: 5/27/98 TIME: 1330

CONTAINER SIZE/TYPE	CONTAINER #	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR.0

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT : _____

SITE: _____

SAMPLE INFORMATION

MATRIX soil SAMPLE ID: BHGLTA073-05

SAMPLING METHOD SSR DUP./REP. OF : —

BEGINNING DEPTH 18.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 21.5

GRAB (✓) COMPOSITE ( ) DATE: 5/22/98 TIME: 1340

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR.0

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth JRB PROJECT: AFC001-013E

SITE: WP07

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BH6CTA074-01

SAMPLING METHOD SSR DUP./REP. OF: —

BEGINNING DEPTH 0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 0.5'

GRAB (X) COMPOSITE ( ) DATE: 5/27/98 TIME: 0925

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz glass	1	4°C		8260	VOCs
8oz glass	1	4°C		8140, 8270A	Org Phos/Pest, SVOCs
				8080A, 8150A	Pest/PCBs, Herbicides
8oz glass	1	4°C		perQAP 9030	Total Metals, Sulfide
				9010A	Cyanide
8oz glass	1	4°C		8280	Dioxins/Furans

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN OC WIND DIRECTION NW AMBIENT TEMP 85°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: ____

COMMENTS: ____

SAMPLER: ____ OBSERVER: ____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SD=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT: _____

SITE: _____

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLTA074-02

SAMPLING METHOD SSR DUP./REP. OF: _____

BEGINNING DEPTH 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6.5

GRAB (✓) COMPOSITE ( ) DATE: 5/27/95 TIME: 0945

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAB\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT: _____

SITE: _____

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA074-03

SAMPLING METHOD SSR DUP./REP. OF: _____

BEGINNING DEPTH 8.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 11.5

GRAB (✓) COMPOSITE ( ) DATE: 5/27/98 TIME: 0950

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT : _____

SITE: _____

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA074-04

SAMPLING METHOD SSR DUP./REP. OF : –

BEGINNING DEPTH 13.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 16.5

GRAB (X) COMPOSITE ( ) DATE: 5/27/98 TIME: 1000

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR _____ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMP _____

SHIPMENT VIA: FED-X _____ HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SD=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: _____ PROJECT : _____

SITE: _____

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA074-05

SAMPLING METHOD SSR DUP./REP. OF : —

BEGINNING DEPTH 18.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES (✓) NO ( )

END DEPTH 21.5

GRAB (✓) COMPOSITE ( ) DATE: 5/07/98 TIME: 1015

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR _____ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMP _____

SHIPMENT VIA: FED-X _____ HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: _____ OBSERVER: _____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAB\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB PROJECT: AFC 001 023 F

SITE: WP07

SAMPLE INFORMATION

MATRIX Soil

SAMPLE ID: BHGLTA 071-01

SAMPLING METHOD grab

DUP./REP. OF :

BEGINNING DEPTH 0'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (✓)

END DEPTH .5'

GRAB (✓) COMPOSITE ( )

DATE: 5/28/98 TIME: 1605

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz jar	1	4°C			
8oz jar	1	4°C			
8oz jar	1	4°C			
8oz jar	1	4°C			

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DRIECTION S AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO:

COMMENTS:

SAMPLER: BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS Ft. Worth JRB PROJECT: AFC 001 02 3E

SITE: WP07

SAMPLE INFORMATION

MATRIX: Soil

SAMPLE ID: BHELTA-71-02

SAMPLING METHOD: SSR

DUP./REP. OF: —

BEGINNING DEPTH: _____

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (✓)

END DEPTH: _____

GRAB (✓) COMPOSITE ( )

DATE: 5/28/98 TIME: 1535

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" Cyl	1	4°C			
8oz jar	1	4°C			
8oz jar	1	4°C			
8oz jar	1	4°C			

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR (✓) OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X (✓) HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: BM OBSERVER: TD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS Ft. Worth JRB PROJECT: AFCCC 02 3F

SITE: WP07

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA 071-03

SAMPLING METHOD SSR DUP./REP. OF: ——

BEGINNING DEPTH _____ MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH _____

GRAB (X) COMPOSITE ( ) DATE: 5/28/97 TIME: 1537

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" ring	1	4°C			
8oz jar	1	4°C			
8oz jar	1	4°C			
8oz jar	1	4°C			

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR.0

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS Ft. Worth JRB PROJECT: AFC CC1 02 3E

SITE: WP07

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BAGLFA 071-04

SAMPLING METHOD: SSR DUP./REP. OF: —

BEGINNING DEPTH: _____ MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: _____

GRAB (X) COMPOSITE ( ) DATE: 5/28/94 TIME: 1540

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" ring	1	4°C			
8oz jar	1	4°C			
8oz jar	1	4°C			
8oz jar	1	4°C			

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: B.N OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: MAS Ft. Worth JRB PROJECT: AFC 001 - 02 3E

SITE: WP 07

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BMGLTA071-05

SAMPLING METHOD SSR DUP./REP. OF: —

BEGINNING DEPTH _____ MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (✓)

END DEPTH _____

GRAB (✓) COMPOSITE ( ) DATE: 5/28/98 TIME: 1548

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DRIECTION S AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAB\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION: NAS Ft. Worth JRB PROJECT: AFC 001 023E

SITE WP07

SAMPLE INFORMATION

MATRIX Soil

SAMPLE ID. BHGLTA075-01

SAMPLING METHOD

DUP./REP. OF: —

BEGINNING DEPTH 0'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH .5'

GRAB ( ) COMPOSITE ( )

DATE. 5/28/98 TIME. 820

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR.	
	OTHER	

GENERAL INFORMATION

WEATHER. SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. ____

COMMENTS. ____

SAMPLER. ____ OBSERVER ____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION NAS Ft Worth JRB PROJECT. IAFC 001 023E

SITE: WP07

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHELTA076-02

SAMPLING METHOD SSIR DUP./REP. OF: ——

BEGINNING DEPTH 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH 6.5

GRAB (X) COMPOSITE ( ) DATE 5/20/98 TIME: 1035

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS.

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR.	
2nd	ODOR.	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 90°F

SHIPMENT VIA. FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO ____

COMMENTS ____

SAMPLER BN OBSERVER: PD

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BR=BRASS RING	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	CS=COMPOSITE SAMPLE	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	C=CONTINUOUS FLIGHT AUGER	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAP\WIPE	DT=DRIVEN TUBE	SS=SPLIT SPOON
		W=SWAB\WIPE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION NAS Ft Worth JRB PROJECT. AFC 001 G2 3E

SITE: WP07

SAMPLE INFORMATION

MATRIX So. 1

SAMPLE ID AHGLTA 076-03

SAMPLING METHOD SSR

DUP /REP. OF : ——

BEGINNING DEPTH 8.5

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH 11.5

GRAB (X) COMPOSITE ( )

DATE: 5/28/98 TIME 1040

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DRIECTION S AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X ✓ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO ____

COMMENTS ____

SAMPLER BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION NAS Ft. Worth JRB PROJECT AFC 001 02 3F

SITE: WP07

SAMPLE INFORMATION

MATRIX Soil

SAMPLE ID: BHGLTA07L-04

SAMPLING METHOD SSR

DUP /REP. OF : —

BEGINNING DEPTH 13.5

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH 16.5

GRAB (X) COMPOSITE ( )

DATE: 5/28/98 TIME. 1050

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DRIECTION S AMBIENT TEMP 90°F

SHIPMENT VIA FED-X ✓ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: ____

COMMENTS ____

SAMPLER Br OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS Ft. Worth JRB PROJECT: AFCEE 02BF

SITE: WP07

SAMPLE INFORMATION

MATRIX: Soil

SAMPLE ID: BHGLTA 076-05

SAMPLING METHOD: SSR

DUP/REP. OF: —

BEGINNING DEPTH: _____

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (✓)

END DEPTH: _____

GRAB (✓) COMPOSITE ( )

DATE: 5/28/98 TIME: 1055

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR (✓) OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: B[illegible] OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR.0

HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFC001-023E

SITE: WP07

SAMPLE INFORMATION

MATRIX W SAMPLE ID: TB052898

SAMPLING METHOD — DUP./REP. OF: —

BEGINNING DEPTH — MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH —

GRAB ( ) COMPOSITE ( ) DATE: 5/28/98 TIME: 1720

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml Vial	2	H_2SO_4		8260A	VOCs

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION NW AMBIENT TEMP 90°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RECRA Labs

COMMENTS:

SAMPLER: BN OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAB\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NKS FW JRB PROJECT: AFC001-023E

SITE: WP07

SAMPLE INFORMATION

MATRIX W SAMPLE ID: EB052899

SAMPLING METHOD G DUP./REP. OF: –

BEGINNING DEPTH – MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH –

GRAB ( ) COMPOSITE ( ) DATE: 5/28/98 TIME: 1455

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: ____

COMMENTS: ____

SAMPLER: ____ OBSERVER: ____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB

SITE: WP-7

PROJECT NAME RCRA Landfills Investigation

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA083-04

DATE: 10/7/99 TIME: 1530

MATRIX TYPE: SO

SAMPLING METHOD: DT

LOT CONTROL #: C 1 1 N

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 26001

SAMPLE BEG DEPTH (FT) 14

SAMPLE END DEPTH (FT) 16

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB): EB100799

TRIP BLANK (TB): TB100799

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
SS sleeve	1	Cool to 4 C	SW8260B	VOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS: C

SAMPLE CHARACTERISTICS: COLOR: ODOR: OTHER:

MISCELLANEOUS:

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMPERATURE 80°F

SHIPMENT VIA: FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: STL - Chicago

COMMENTS

SAMPLER R Wallace OBSERVER M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB

PROJECT NAME RCRA Landfills Investigation

SITE: WP-7

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA083-05

DATE: 10/7/99 TIME: 1545

MATRIX TYPE: SO

SAMPLING METHOD: DT

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: [illegible]

SAMPLE BEG DEPTH (FT) 19

SAMPLE END DEPTH (FT). 21

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD). —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) EB 100799

TRIP BLANK (TB) TB 100499

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
SS sleeve	1	Cool to 4 C	SW8260B	VOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS		SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	0	COLOR	
2nd		ODOR	
		OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMPERATURE 80°F

SHIPMENT VIA FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS

SAMPLER R Wallace OBSERVER M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

676 385

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB

SITE: WP-7

PROJECT NAME: RCRA Landfills Investigation

PROJECT NAME: AFC001-023E

SAMPLE INFORMATION

SAMPLE ID: BHGLTA081-01

DATE: 10/7/99 TIME: 1320

MATRIX TYPE: SO

SAMPLING METHOD: G

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #. 2[illegible]

SAMPLE BEG DEPTH (FT) 0

SAMPLE END DEPTH (FT) 0.5"

GRAB (✓) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) EB100799

TRIP BLANK (TB) TB100799

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
8 oz Jar	1	Cool to 4 C	SW6010-tr	Lead
8 oz Jar	1	Cool to 4 C	SW8270C	SVOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0.0 ppm	COLOR	
2nd	ODOR	
	OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMPERATURE 80°F

SHIPMENT VIA: FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. STL - Chicago

COMMENTS

SAMPLER R Wallau OBSERVER: M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

676 086

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB

SITE: WP-7

PROJECT NAME RCRA Landfills Investigation

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA082-02

DATE: 10/7/99 TIME: 1355

MATRIX TYPE: SO

SAMPLING METHOD: DT

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 260001

SAMPLE BEG DEPTH (FT) 4

SAMPLE END DEPTH (FT) 6

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS): —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD): —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) EB100799

TRIP BLANK (TB). TB100799

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
SS sleeve	1	Cool to 4 C	SW8260B	VOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS

1st 7.3 ppm

2nd = 1.0 ppm

SAMPLE CHARACTERISTICS

COLOR: —

ODOR —

OTHER

MISCELLANEOUS

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMPERATURE 80F

SHIPMENT VIA FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS:

SAMPLER: R. Wallace OBSERVER M. Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

676 387

LOCATION. NAS Ft Worth JRB

SITE. WP-7

PROJECT NAME RCRA Landfills Investigation

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA082-03

DATE: 10/07/99 TIME: 1415

MATRIX TYPE: SO

SAMPLING METHOD: DT

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 21001

SAMPLE BEG DEPTH (FT) 9

SAMPLE END DEPTH (FT) 11

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) EB100799

TRIP BLANK (TB). TB100799

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
SS sleeve	1	Cool to 4 C	SW8260B	VOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
2 2	COLOR	
0	ODOR	
	OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMPERATURE 80'

SHIPMENT VIA FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. STL - Chicago

COMMENTS

SAMPLER R Wallace OBSERVER: M. Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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FIELD SAMPLING REPORT

HYDRO GeoLogic INC

LOCATION: NAS Ft Worth JRB

PROJECT NAME RCRA Landfills Investigation

SITE. WP-7

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA082-04

DATE: 10/7/99 TIME: 1445

MATRIX TYPE: SO

SAMPLING METHOD: DT

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 26009

SAMPLE BEG DEPTH (FT) 14

SAMPLE END DEPTH (FT) 16

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS). —

MATRIX SPIKE DUP (SD). —

FIELD DUP (FD) —

AMBIENT BLANK (AB): —

EQUIPMENT BLANK (EB) EB100799

TRIP BLANK (TB): TB100799

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
SS sleeve	1	Cool to 4 C	SW8260B	VOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 1.9 ppm	COLOR.	
2nd 0	ODOR:	
	OTHER.	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMPERATURE 80°

SHIPMENT VIA FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: STL - Chicago

COMMENTS

SAMPLER R Wallace OBSERVER M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

676 380

LOCATION: NAS Ft Worth JRB

SITE: WP-7

PROJECT NAME: RCRA Landfills Investigation

PROJECT NAME: AFC001-023E

SAMPLE INFORMATION

SAMPLE ID: BHGLTA083-03

DATE: 10/7/99 TIME: 1515

MATRIX TYPE: SO

SAMPLING METHOD: DT

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 2L 3001

SAMPLE BEG DEPTH (FT) 9

SAMPLE END DEPTH (FT) 11

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD): —

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) EB100799

TRIP BLANK (TB). TB100799

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
SS sleeve	1	Cool to 4 C	SW8260B	VOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
0	COLOR	
2nd	ODOR	
	OTHER	

pH NT Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMPERATURE 80°F

SHIPMENT VIA FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. STL - Chicago

COMMENTS ____

SAMPLER. R Wallace OBSERVER. M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION	NAS Ft Worth JRB	PROJECT NAME	RCRA Landfills Investigation
SITE: N/A		PROJECT NAME	AFC001-023E

SAMPLE INFORMATION

SAMPLE ID EB100799 — DATE: 10/7/99 — TIME: 1630

MATRIX TYPE: W

SAMPLING METHOD: G

LOT CONTROL #: O L L A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 200001

SAMPLE BEG DEPTH (FT) —

SAMPLE END DEPTH (FT) —

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) —

TRIP BLANK (TB) TB100799

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
1 L poly	1	Cool to 4 C/HNO3 pH<2	SW6010B/7421	Barium/Lead
40 mL VOA	3	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)
1 L Amber	2	Cool to 4C	SW8270B	SVOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS		SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	—	COLOR	
2nd		ODOR	
		OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMPERATURE 80 F

SHIPMENT VIA FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS

SAMPLER M Johnston OBSERVER L Iberra

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB — PROJECT NAME: RCRA Landfills Investigation

SITE: N/A — PROJECT NAME: AFC001-023E

SAMPLE INFORMATION

SAMPLE ID: TB100799 — DATE: 10/7/99 — TIME: 1640

MATRIX TYPE: W

SAMPLING METHOD: G

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #:

SAMPLE BEG DEPTH (FT): —

SAMPLE END DEPTH (FT): —

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS): —

MATRIX SPIKE DUP (SD): —

FIELD DUP (FD): —

AMBIENT BLANK (AB): —

EQUIPMENT BLANK (EB): FB100799

TRIP BLANK (TB): ~~T~~ PD

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
40 mL VOA	2	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
NA	COLOR.	
NA	ODOR	
	OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMPERATURE 80°F

SHIPMENT VIA FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: STL - Chicago

COMMENTS:

SAMPLER M Johnston — OBSERVER R. Wallace

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB

SITE: Dust Pile 7

PROJECT NAME: RCRA Landfills Investigation

PROJECT NAME: AFC001-023E

SAMPLE INFORMATION

SAMPLE ID: BHGLTA080-01

DATE: 10/7/99 TIME: 1730

MATRIX TYPE: SO

SAMPLING METHOD: ~~Stainless Steel Spoon~~ PP G

LOT CONTROL #: C 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 000001

SAMPLE BEG DEPTH (FT): 0"

SAMPLE END DEPTH (FT): 6"

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS): —

MATRIX SPIKE DUP (SD): —

FIELD DUP (FD): —

AMBIENT BLANK (AB): —

EQUIPMENT BLANK (EB): EB100799

TRIP BLANK (TB): TB100799

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
8 oz Jar	1	Cool to 4 C	SW6010-tr	Lead

NOTABLE OBSERVATIONS

PID READINGS		SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	C	COLOR:	
2nd		ODOR:	
		OTHER:	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMPERATURE 85°F

SHIPMENT VIA: FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS:

SAMPLER: R. Wallace OBSERVER: M. Schuster

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA091

Sample Number: AA0135

Sample Name: BHGLTA091-SS-AA0135-REG

Sampling Method: G

Collection Date: 6-15-00

Collection Time: 09:05

Start Depth: 0'

End Depth: 2'

Sample Team: D. Jones

QC Partners: Trip Blank / Rinsate / Field Blank

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PBZN	N	A	1	4	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

676 391

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA091

Sample Number: AA0136

Sample Name: BHGLTA091-SS-AA0136-FD

Sampling Method: G

Collection Date: 6-15-00

Collection Time: 09:05

Start Depth: 0'

End Depth: 2'

QC Partners: Trip Blank / Rinsate / Field Blank

Sample Team: D. JONES

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PBZN	N	A	1	4	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

676 395

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: **LF04, LF05, LF08 & Waste Pile 7**

Location Code: **BHGLTA091**

Sample Number: **AA0137**

Sample Name: **BHGLTA091-DS-AA0137-REG**

Sampling Method: **H**

Collection Date: 6-15-00

Collection Time: 09:15

Start Depth: 3'

End Depth: 5'

QC Partners: _____ *Trip Blank*

Rinsate

Field Blank

Sample Team: D. JONES

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PBZN	N	A	1	4	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

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Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA085

Sample Number: AA0129

Sample Name: BHGLTA085-SS-AA0129-REG

Sampling Method: G

Collection Date: 6-15-00

Collection Time: 09:25

Start Depth: 0'

End Depth: 2'

QC Partners:

Trip Blank

Rinsate

Field Blank

Sample Team: D. Jones

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: soil

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
AGCDPBSB	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

Sample Collection Log

676 397

Project: 774902 Carswell AFB

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA085

Sample Number: AA0130

Sample Name: BHGLTA085-DS-AA0130-REG

Sampling Method: H

Collection Date: 6-15-00

Collection Time: 09:30

Start Depth: 3'

End Depth: 5'

QC Partners: Trip Blank / Rinsate / Field Blank

Sample Team: D. Jones

ERPIMS Values:

Sacode:

Lot Control#

Sample Matrix: Soil

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
BABECRPBZN	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

676 398

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA001

Sample Number: AA0127

Sample Name: BHGLTA001-SS-AA0127-REG

Sampling Method: G

QC Partners:

Trip Blank

Rinsate

Field Blank

Collection Date: 6-15-00

Collection Time: 09:45

Start Depth: 0'

End Depth: 2'

Sample Team: D. Jones

ERPIMS Values:

Sucode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
CDSBPB	N	A	1	8	oz	CWM
SPLP-CDSBPB	N	A	1	8	oz	CWM
PAH-8270	N	B	1	8	oz	CWM
SPLP-PAH	N	B	1	8	oz	CWM

Comments:

Sketch Location:

CDC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
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Sample Collection Log

676 390

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA001

Sample Number: AA0127MS

Sample Name: BHGLTA001-SS-AA0127MS-MS

Sampling Method: G

Collection Date: 6-15-00

Collection Time: 09:45

Start Depth: 0'

End Depth: 2'

Sample Team: D Jones

QC Partners

Trip Blank

Rinsate

Field Blank

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: Soil

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
CDSBPB	N	A	1	8	oz	CWM
SPLP-CDSBPB	N	A	1	8	oz	CWM
PAH-8270	N	B	1	8	oz	CWM
SPLP-PAH	N	B	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

676 100

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA001

Sample Number: AA0127MSD

Sample Name: BHGLTA001-SS-AA0127MSD-MSD

Sampling Method: G

Collection Date: 6-15-00

Collection Time: 09:45

Start Depth: 0'

End Depth: 2'

Sample Team: D. Jones

QC Partners

Trip Blank

Rinsate

Field Blank

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Analytical Suite	Containers Flt	Frtn	Qty	Size	Units	Type
CDSBPB	N	A	1	8	oz	CWM
SPLP-CDSBPB	N	A	1	8	oz	CWM
PAH-8270	N	B	1	8	oz	CWM
SPLP-PAH	N	B	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

Sample Collection Log

676 101

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA071

Sample Number: AA0128

Sample Name: BHGLTA071-SS-AA0128-REG

Sampling Method: G

Collection Date: 6-15-00

Collection Time: 10:15

Start Depth: 0'

End Depth: 2'

Sample Team: D. JOWPS

QC Partners: Trip Blank, Rinsate, Field Blank

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PAH-8270	N	A	1	8	oz	CWM
SPLP-PAH	N	A	1	8	oz	CWM
BARIUM	N	B	1	8	oz	CWM
SPLP-BARIUM	N	B	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

676 102

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA096

Sample Number: AA0145

Sample Name: BHGLTA096-SS-AA0145-REG

Sampling Method: G

Collection Date: 6-15-00

Collection Time: 10:20

Start Depth: 0

End Depth: 2'

QC Partners:

Trip Blank

Rinsate

Field Blank

Sample Team: D. JONES

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PBZN	N	A	1	4	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of the IT Group

Sample Collection Log

676 403

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA515

Sample Number: AA0126MS

Sample Name: BHGLTA515-DS-AA0126MS-MS

Sampling Method: H

Collection Date: 6-15-00

Collection Time: 10:20

Start Depth: 8'

End Depth: 10'

QC Partners: *Trip Blank* *Rinsate* *Field Blank*

Sample Team: D. JONES

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: soil

Containers

Analytical Suite	Fil	Frtn	Qty	Size	Units	Type
SW8260	N	A	1	8	oz	CWM

Comments: SS alive

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The CH Group

676 101

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA515

Sample Number: AA0126MSD

Sample Name: BHGLTA515-DS-AA0126MSD-MSD

Sampling Method: H

Collection Date: 6-15-00

Collection Time: 10:20

Start Depth: 8'

End Depth: 10'

QC Partners

Trip Blank

Rinsate

Field Blank

Sample Team:

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: Soil

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
SW8260	N	A	1	8	oz	CWM

Comments: SS sized

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

Sample Collection Log

676 405

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA096

Sample Number: AA0146

Sample Name: BHGLTA096-DS-AA0146-REG

Sampling Method: H

Collection Date: 6-15-00

Collection Time: 10:25

Start Depth: 3'

End Depth: 5'

Sample Team: D. Jones

QC Partners.

Trip Blank

Rinsate

Field Blank

ERPIMS Values:

Sacode

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PBZN	N	A	1	4	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

676 106

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA096

Sample Number: AA0169

Sample Name: BHGLTA096-DS-AA0169-REG

Sampling Method: H

Collection Date: 6-15-00

Collection Time: 10:27

Start Depth: 8'

End Depth: 10'

QC Partners: Trip Blank

Rinsate

Field Blank

Sample Team: D. JONES

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frm	Qty	Size	Units	Type
BIS2EHP	N	A	1	8	oz	CWM

Comments:

Sketch Location:

AA
QC 8040
AA 8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
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Sample Collection Log

676 107

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA096

Sample Number: AA0170

Sample Name: BHGLTA096-DS-AA0170-FD

Sampling Method: H

Collection Date: 6-15-00

Collection Time: 10:27

Start Depth: 8'

End Depth: 10'

Sample Team: D. JONES

QC Partners

Trip Blank

Rinsate

Field Blank

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: soil

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
BIS2EHP	N	A	1	8	oz	CWM

Comments:

Sketch Location:

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

676 108

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA096

Sample Number: AA0171

Sample Name: BHGLTA096-DS-AA0171-REG

Sampling Method: H

Collection Date: 6-15-00

Collection Time: 10:30

Start Depth: 13'

End Depth: 15'

QC Partners: Trip Blank

Rinsate

Field Blank

Sample Team: D. JONES

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
BIS2EHP	N	A	1	8	oz.	CWM

Comments:

Sketch Location:

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
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Sample Collection Log

676 109

Project: 774902 Carswell-AFB

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA096

Sample Number: AA0172

Sample Name: BHGLTA096-DS-AA0172-REG

Sampling Method: II

Collection Date: 6-15-00

Collection Time: 10:33

Start Depth: 18'

End Depth: 20'

QC Partners

Trip Blank

Rinsate

Field Blank

Sample Team: D. JONES

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
BIS2EHP	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

676 410

Sample Collection Log

Project: 774902 **Carswell-AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA088

Collection Date: 6-15-00

Sample Number: AA0133

Collection Time: 11:45

Sample Name: BHGLTA088-DS-AA0133-REG

Start Depth: 3'

Sample Method: H

End Depth: 5'

QC Partners:

Trip Blank

Rinsate

Field Blank

Sample Team: D. JONES

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PBZN	N	A	1	4	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

SIF 676 411

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA088

Sample Number: AA0134

Sample Name: BHGLTA088-DS-AA0134-REG

Sampling Method: H

Collection Date: 6-15-00

Collection Time: 11:50

Start Depth: 8'

End Depth: 10'

Sample Team: D. JONES

QC Partners: Trip Blank, Rinsate, Field Blank

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PCE	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

676 112

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA407

Sample Number: AA0147

Sample Name: BHGLTA407-DS-AA0147-REG

Sampling Method: H

Collection Date: 6-15-00

Collection Time: 12:00 1200

Start Depth: 3'

End Depth: 5'

QC Partners: Trip Blank / Rinsate / Field Blank

Sample Team: D. Jones

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
LEAD	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

676 113

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA087

Sample Number: AA0131

Sample Name: BHGLTA087-DS-AA0131-REG

Sampling Method: H

Collection Date: 6-15-00

Collection Time: 12:20

Start Depth: 3'

End Depth: 5'

QC Partners: Trip Blank, Rinsate, Field Blank

Sample Team: D. Jones

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PBZN	N	A	1	4	oz.	CWM

Comments:

Sketch Location:

QCAA8044
AA8040

Logged By / Date:

Reviewed By / Date:

676 111

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA087

Sample Number: AA0132

Sample Name: BHGLTA087-DS-AA0132-REG

Sampling Method: H

Collection Date: 6-15-00

Collection Time: ~~8~~ 12:25

Start Depth: ~~10~~ 8'

End Depth: 10'

QC Partners: Trip Blank / Rinsate / Field Blank

Sample Team: D. Jones

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PCE	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 427044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA095

Sample Number: AA0142

Sample Name: BHGLTA095-SS-AA0142-REG

Sampling Method: G

Collection Date: 6-15-00

Collection Time: 12:40

Start Depth: 0'

End Depth: 2'

Sample Team: D Jones

QC Partners: *Trip Blank* *Rinsate* *Field Blank*

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PBZN	N	A	1	4	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

.1 1.676 2116

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number.

Site: **LF04, LF05, LF08 & Waste Pile 7**

Location Code: **BHGLTA095**

Sample Number. **AA0144**

Sample Name. **BHGLTA095-DS-AA0144-FD**

Sampling Method. **II**

QC Partners:

Trip Blank

Rinsate

Field Blank

Collection Date: 6-15-00

Collection Time: 12:45

Start Depth: 3'

End Depth: 5'

Sample Team: A JONES

ERPIMS Values:

Sacode.

Lot Control#:

Sample Matrix. SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PBZN	N	A	1	4	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

676 117

IT CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB

Manager: Mr. Will Carter

RFA / COC Number: 427044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA095

Sample Number AA0143

Sample Name: BHGLTA095-DS-AA0143-REG

Sampling Method H

Collection Date: 6-15-00

Collection Time: 12:45

Start Depth: 3'

End Depth: 5'

Sample Team: D. JONES

QC Partners:

Trip Blank

Rinsate

Field Blank

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PBZN	N	A	1	4	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

676 118

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA094

Sample Number: AA0141

Sample Name: BHGLTA094-SS-AA0141-REG

Sampling Method: G

Collection Date: 6-15-00

Collection Time: 13:00

Start Depth: 0'

End Depth: 2'

Sample Team: D. JONES

QC Partners

Trip Blank

Rinsate

Field Blank

ERPIMS Values:

Sacode

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Fil	Frtn	Qty	Size	Units	Type
ZINC	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8040

AA8044

Logged By / Date:

Reviewed By / Date:

676 410

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 Carswell AFB

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA093

Sample Number: AA0140

Sample Name: BHGLTA093-SS-AA0140-REG

Sampling Method: G

Collection Date: 6-15-00

Collection Time: 13:10

Start Depth: 0'

End Depth: 2'

QC Partners: Trip Blank, Rinsate, Field Blank

Sample Team: D. JONES

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
AGCDSBZN	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8040

AA8044

Logged By / Date:

Reviewed By / Date:

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA021-01

MATRIX (IRPIMS):

SAMCODE:

SAMPLING METHOD:

DUP./REP. OF :

BEGINNING DEPTH:

SACODE:

END DEPTH:

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

LOTCTLNUM:

GRAB ( ) COMPOSITE ( )

DATE: TIME:

CONTAINER		PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	#				

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO:

COMMENTS: Asphalt cap → no sample taken

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 121

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA021-02

MATRIX (IRPIMS): SO

SAMCODE:

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: 9.5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

END DEPTH: 10.0'

LOTCTLNUM: 055A

GRAB ( ) COMPOSITE ( )

DATE: 8/27/97 TIME: 17:10

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz GLASS	1	<4°C		SW8260A	VOCs
8oz GLASS	1	↓		SW8270B	SVOCs
8oz GLASS	1			SW6010A	Metals
				SW6010A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0 ppm	COLOR: dark yellowish brown clay	
2nd	ODOR: None	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676122

HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: TMGLTA022-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: —

BEGINNING DEPTH: 0

SACODE: N1

END DEPTH: 0.5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

LOTCTLNUM: 066A

GRAB (✓) COMPOSITE ( )

DATE: 8/28/97 TIME: 8:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
5" Sleeve / stainless	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1			SW6010A	Metals
				SW CVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st Oppm	COLOR: 2.5Y 4/4 olive brown fines, lr	
2nd	ODOR: None	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90's

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKwy Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA0CP11

MATRIX (IRPIMS): SO

SAMCODE:

DUP./REP. OF: THGLTAC22-01

SAMPLING METHOD: HA

SACODE: FD1

BEGINNING DEPTH: 0'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

END DEPTH: 0.5'

LOTCTLNUM: 066A

GRAB (X) COMPOSITE ( )

DATE: 8/28/97 TIME: 8:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" sleeve/stainless	1	<4°C		SW8260A	VOCs
8oz GLASS	1	↓		SW8270B	SVOCs
8oz GLASS	1			SW6010A	Metals
				SW CVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: Same	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA022-02

MATRIX (IRPIMS): SO

SAMCODE:

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: 11.0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

END DEPTH: 11.5

LOTCTLNUM: 066A

GRAB (X) COMPOSITE ( )

DATE: 8/28/97 TIME: 9:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SW7470A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR: 2.5Y 2.5/1 Black silty clay, moist	
2nd	ODOR: None	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676-425

HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA023-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: —

SACODE: N1

BEGINNING DEPTH: 0'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (x)

END DEPTH: 0.5'

LOTCTLNUM: 066A

GRAB (x) COMPOSITE ( )

DATE: 8/28/97 TIME: 13:20

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" sleeve/stainless	1	<4°C		SW8260A	VOCs
8oz GLASS	1	↓		SW8270B	SVOCs
8oz GLASS	1			SW6010A	Metals
				SW7471A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: Brown silty clay, very dry	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90s

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JRB

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA023-02

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF: 2

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: ~~9.5~~ 9.5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (✓)

END DEPTH: ~~10~~ 10'

LOTCTLNUM: 066A

GRAB (✓) COMPOSITE ( )

DATE: 8/28/97 TIME: 15:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW8260A	VOCs
5oz Glass	1	↓		SW8270B	SVOCs
5oz Glass	1			SW6010A	Metals
				SW7470A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: Strong brown clay w some silt, mg.	
2nd	ODOR: None	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90°

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSOL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THG-LTA024-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: ~

SACODE: N1

BEGINNING DEPTH: 0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

END DEPTH: 0.5'

LOTCTLNUM: 01313A

GRAB (x) COMPOSITE ( )

DATE: 9/10/97 TIME: 8:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" sleeve/stainless	1	<4°C		SW8260A	VOCs
8oz GLASS	1	↓		SW8270B	SVOCs
8oz GLASS	1			SW6010A	Metals
				SW6VAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: 7.5YR 4/3 Brown silty clayey sandy	Fill
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quantera Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JRB

SITE (SITEID): LF08

LOGCODE:

SAMPLE INFORMATION

SAMPLE ID: THGLTA024-02

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: G

DUP./REP. OF: —

BEGINNING DEPTH: 14.5'

SACODE: N1

END DEPTH: 15'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

LOTCTLNUM: 01313A

GRAB (x) COMPOSITE ( )

DATE: 9/10/97 TIME: 10:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SW7470A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: 7.5YR5/8 Strong brown clay, moist	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90'

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA025-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: N/A

SACODE: N1

BEGINNING DEPTH: 0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

END DEPTH: 0.5'

LOTCTLNUM: 01313A

GRAB (x) COMPOSITE ( )

DATE: 9/10/97 TIME: 14:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" sleeve/stainless	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1			SW6010A	Metals
				SW CV AA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: 7.5YR 4/6 brown silt + sand mix	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JRB

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA025-02

MATRIX (IRPIMS): SO

SAMCODE:

DUP./REP. OF: —

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: 10.5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 11.0'

LOTCTLNUM: 01313A

GRAB (X) COMPOSITE ( )

DATE: 9/10/97 TIME: 16:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW8260A	VOCs
3oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SW7470A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st Oppm	COLOR: 7.5YR3/3 dark brown clay	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quantera Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA026-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: —

SACODE: NI

BEGINNING DEPTH: 0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 0.5'

LOTCTLNUM: 01414A

GRAB (X) COMPOSITE ( )

DATE: 9/11/97 TIME: 8:15

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" Sleeve/stainless	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SW CV AA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0 ppm	COLOR: Brown silty clay, dry	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Redtang OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

SCF 6769432

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA026-02

MATRIX (IRPIMS): SO

SAMCODE:

DUP./REP. OF: —

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: 4.5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

END DEPTH: 5.0'

LOTCTLNUM: 01414A

GRAB (x) COMPOSITE ( )

DATE: 9/11/97 TIME: 8:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1			SW6010A	Metals
				SWCVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: Dark brown fine sandy silt	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA 027-01

MATRIX (IRPIMS): SO

SAMCODE:

SAMPLING METHOD: HA

DUP./REP. OF: –

BEGINNING DEPTH: 0

SACODE: N1

END DEPTH: 0.5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

LOTCTLNUM: 01414A

GRAB (X) COMPOSITE ( )

DATE: 7/1/97 TIME: 9:45

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8"sleeve/stainless	1	<4°C		SW8260A	VOCs
8oz GLASS	1	↓		SW8270B	SVOCs
8oz GLASS	1			SW6010A	Metals
				SW7470A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: 7.5 YR4/6 Brown silty clay, dry	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRS WL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA027-02

MATRIX (IRPIMS): SO

SAMCODE:

DUP./REP. OF: —

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: 3

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

END DEPTH: 3.5

LOTCTLNUM: 01414A

GRAB (y) COMPOSITE ( )

DATE: 9/11/97 TIME: 9:50

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz GLASS	1	<4°C		SW8260A	VOCs
8oz GLASS	1	↓		SW8270B	SVOCs
8oz GLASS	1	↓		SW6010A	Metals
				SW CVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: Brown Fine Sand, dry	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Redtang OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic inc

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLDUP12

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF: THGLTA027-02

SAMPLING METHOD: G

SACODE: F01

BEGINNING DEPTH: 5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: 5.5'

LOTCTLNUM: 01414A

GRAB (X) COMPOSITE ( )

DATE: 9/11/97 TIME: 9:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW826.0A	VOCs
8oz Glass	1	↓		SW827CB	SVOCs
8oz Glass	1	↓		SW6010A	METALS
				SW7471A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: Brown - Sand	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA028-01

SAMCODE:

MATRIX (IRPIMS): SO

DUP./REP. OF: –

SAMPLING METHOD: HA

SACODE: N1

BEGINNING DEPTH: 0

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH: 0.5'

LOTCTLNUM: 01414A

GRAB (x) COMPOSITE ( )

DATE: 9/11/97 TIME: 10:15

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
8" Sleeve/Stainless	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1			SW6010A	Metals
				SW7470A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0ppm	COLOR: Dark grayish brown fine sandy silt	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: THGLTA028-02, MS, MSD

SAMCODE: -

MATRIX (IRPIMS): SO

DUP./REP. OF: —

SAMPLING METHOD: G

SACODE: NI, MSI, SOI

BEGINNING DEPTH: 8.5'

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES (X) NO ( )

END DEPTH: 9.0'

LOTCTLNUM: 01414A

GRAB (x) COMPOSITE ( )

DATE: 9/11/97 TIME: 11:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	3	<4°C		SW8260A	VOCs
8oz Glass	3	↓		SW8270B	SVOCs
8oz Glass	3	↓		SW6010A	Metals
				SW6020A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: 7.5 YR 7/3 dark yellowish orange fine to Med SAND	
2nd	ODOR: dry	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS: ____

SAMPLER: Mike Redfang OBSERVER: ____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION: NAS FWJRB

PROJECT: NAS FW. JRB AFC001-023E

SITE: LF-8

SAMPLE INFORMATION

MATRIX: SO

SAMPLE ID: BHGLJA814-01

SAMPLING METHOD: TB

DUP./REP. OF: —

BEGINNING DEPTH: 0"

MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH: 6"

GRAB ( ) COMPOSITE ( )

DATE: 5/18/98 TIME: 1445

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz jar	1	Ø		8260A	VOCs
8oz jar	1	Ø		8280	Dioxins/Furans
8oz jar	1	Ø		9010A/9030/6010A	Cyanide/Sulfide/Metals
8oz jar	1	Ø		8150B/8140/8270C/8270B	Herbic/OPPest/PCBs/SVOCs

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR.	
2nd	ODOR.	
	OTHER 0.0ppm BZ	
	0.0ppm headspace	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA lab - Net

COMMENTS: ____

SAMPLER: E Dambaugh OBSERVER: B Nielsen

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BR=BRASS RING	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	CS=COMPOSITE SAMPLE	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	C=CONTINUOUS FLIGHT AUGER	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAP\WIPE	DT=DRIVEN TUBE	SS=SPLIT SPOON
		W=SWAB\WIPE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION: NAS FW JKB PROJECT AFC001-023E

SITE: LF-8

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: DUP-01

SAMPLING METHOD _____ DUP./REP. OF: BHGLTA814-01

BEGINNING DEPTH _____ MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH _____

GRAB ( ) COMPOSITE ( ) DATE: 5/18/98 TIME: 1200

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz	1	Ø		8260A	VOCs
8oz	1	Ø		8280	Dioxins/Furans
8oz	1	Ø		9010A/9030/6010A	Cyanide/Sulfide/Metals
8oz	1	Ø		8150B/8140 8082A/8270A	Herb/OPPest/PestPCBs/SVOCs

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR.	
	OTHER: 0.0ppm	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA lab-Net

COMMENTS: _____

SAMPLER: B Nulsen OBSERVER: E Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO Geologic INC.

FIELD SAMPLING REPORT

LOCATION: NAS FWI JRB PROJECT: AFCD02-023E

SITE: LF-08

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLTA814-02

SAMPLING METHOD DP DUP./REP. OF :

BEGINNING DEPTH 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6.5

GRAB ( ) COMPOSITE ( ) DATE: 5/18/98 TIME: 1525

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS Sleeve	1	Ø		8260A	VOCs
8oz jar	1	Ø		8280	Dioxins/Furans
8oz jar	1	Ø		9010A/9030/6010A	Cyanide/Sulfide/Tot. Metals
8oz jar	1	Ø		8150B/8140	Herbicide/OP Pest./Pest-PCBs/SVOCs
				8080A/8270B	

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA. FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA Lab Net

COMMENTS: Hazy, humid, slight breeze

SAMPLER: B Nielsen OBSERVER: M Johnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION NAS FW JRB PROJECT AFCOOI - 023E

SITE LF-08

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: BHGLTA814-03

SAMPLING METHOD DP DUP./REP. OF : _____

BEGINNING DEPTH 8.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 11.5

GRAB ( ) COMPOSITE ( ) DATE: 5/18/98 TIME: 1535

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SS sleeve	1	Ø		8260A	VOCs
8 oz jar	1	Ø		8280	Dioxins/Furans
8 oz jar	1	Ø		9010A/9030/1620A	Cyanide/Sulfide/Tot Metals
8 oz jar	1	Ø		8150B/8140	Herbic/OPPest/Pest-PCBs/SVOCS
				8080A/8270B	

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. Chuck Maw - RECRA Lab-Net

COMMENTS Hazy, humid, slight breeze

SAMPLER: B Nelson OBSERVER M Johnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO Geologic INC.

FIELD SAMPLING REPORT

LOCATION: NAS FWJRB PROJECT: AFC001-023E

SITE: LF-8

SAMPLE INFORMATION

MATRIX WQ SAMPLE ID: EB051898A

SAMPLING METHOD _____ DUP./REP. OF: _____

BEGINNING DEPTH _____ MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH _____

GRAB ( ) COMPOSITE ( ) DATE: 5/18/98 TIME: 1610

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40mL	3	HCl		8260A	~~8260A~~ VOC
1 Lamber	1	Ø		8270B	SVOC
1 Lamber	1	Ø		8150B	Herbicides
1 Lamber	1	Ø		8140	OP Pest
1 Lamber	1	Ø		8080A	Pest PCBs
1 Lamber	1	Ø		8280	Dioxins/Furans

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR.	
2nd	ODOR·	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA Lab-Net

COMMENTS: EB on travel

SAMPLER: B Nielsen OBSERVER· M Johnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

1 L Poly	1	HNO3		6010A/7471	Total Metals / Mercury
1 L Poly	1	NaOH		9010A	Cyanide
1 L Poly	1	Zinc Acetate		9030	Sulfides
1 Lamber	1	Ø			Extra

AFCEE FORM SR:0

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION. BHGLTA818 PROJECT: AFC001-023E

SITE: Land Fill 8

SAMPLE INFORMATION

MATRIX S SAMPLE ID BHGLTA818-02

SAMPLING METHOD SSR DUP./REP. OF: —

BEGINNING DEPTH 3.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH 6.5

GRAB (X) COMPOSITE ( ) DATE: 5/19/98 TIME: 0745

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
SSR	1	4°C		8260A	VOCs
8oz glass	1	4°C		[illegible]	SVOCs/Herb/Pest/PCBs/Organo Phos
8oz glass	1	4°C		8280A	Dioxins/Furans
8oz glass	1	4°C		[illegible]	Total Metals, Cyanide, Sulfide

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR:	
	OTHER.	

GENERAL INFORMATION

WEATHER SUN/CLEAR clear OVERCAST/RAIN ____ WIND DRIECTION NW AMBIENT TEMP 92°

SHIPMENT VIA FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. RECRA/Chicago

COMMENTS:

SAMPLER. Brad Widsen OBSERVER:

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

SSR-ring
B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001023F

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BHGLTA815-03

SAMPLING METHOD: SSR DUP./REP. OF: ——

BEGINNING DEPTH: 8.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: 11.5

GRAB (X) COMPOSITE ( ) DATE: 6/1/98 TIME: 1537

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz jar ~~Will Bag~~	1	4°C		8260	VOC
8oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8oz jar	1	4°C		Per SAPP	Total metals / ~~[illegible]~~
				9010/9030	Cyanide / Sulfide
8oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 98°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS:

SAMPLER: BW OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS, WG=GROUND WATER, LH=HAZARDOUS LIQUID WASTE, SH=HAZARDOUS SOLID WASTE, SE=SEDIMENT, SL=SLUDGE, SO=SOIL, GS=SOIL GAS, WS=SURFACE WATER, SW=SWAB\WIPE

SAMPLING METHOD CODES

B=BAILER, BR=BRASS RING, CS=COMPOSITE SAMPLE, C=CONTINUOUS FLIGHT AUGER, DT=DRIVEN TUBE, W=SWAB\WIPE, G=GRAB, HA=HAND AUGER, H=HOLLOW STEM AUGER, HP=HYDRO PUNCH, SS=SPLIT SPOON, SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3E

SITE: Landfill 5

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BHGLTA815-04

SAMPLING METHOD: SSR DUP./REP. OF: ——

BEGINNING DEPTH: 13.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: 16.5

GRAB (X) COMPOSITE ( ) DATE: 6/1/98 TIME: 1550

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" ring (oz jar)	1	4°C		8260	VOC
8 oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8 oz jar	1	4°C		Per SAPP	Total metals / ~~[illegible]~~
				9010/9030	Cyanide / Sulfide
8 oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 98°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS:

SAMPLER: BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS, WG=GROUND WATER, LH=HAZARDOUS LIQUID WASTE, SH=HAZARDOUS SOLID WASTE, SE=SEDIMENT, SL=SLUDGE, SO=SOIL, GS=SOIL GAS, WS=SURFACE WATER, SW=SWAB/WIPE

SAMPLING METHOD CODES

B=BAILER, BR=BRASS RING, CS=COMPOSITE SAMPLE, C=CONTINUOUS FLIGHT AUGER, DT=DRIVEN TUBE, W=SWAB/WIPE, G=GRAB, HA=HAND AUGER, H=HOLLOW STEM AUGER, HP=HYDRO PUNCH, SS=SPLIT SPOON, SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 C2 3E

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA 815-65

SAMPLING METHOD SSR DUP./REP. OF: ——

BEGINNING DEPTH 18.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH 21.5

GRAB (X) COMPOSITE ( ) DATE: 6/1/98 TIME: 1625

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
2 jars 6" ring	1	4°C		8260	VOC
8 oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8 oz jar	1	4°C		Per QAPP	Total metals / ~~[illegible]~~
				9010/9030	Cyanide / Sulfide
8 oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS:

SAMPLER: BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAB\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION NAS Ft. Worth PROJECT AFC 001023E

SITE Landfill 8

SAMPLE INFORMATION

MATRIX ~~LIG~~ WQ SAMPLE ID: ER060198

SAMPLING METHOD ~~SP (bladder)~~ grab DUP./REP. OF: No

BEGINNING DEPTH — MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH —

GRAB (X) COMPOSITE ( ) DATE: 6/1/98 TIME: 1715

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
1L Amber	1	4°C		8270 B	SVOC
1L Amber	1	4°C		8080 A	Pesticides/PCBs
1L Amber	1	4°C		8151	Herbicides
1L Amber	1	4°C		8140	Organophosphorus Pest.
1L Amber	1	4°C		8280	Dioxin/Furans
40 ml	3	HCl		8260A	VOC

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR	
	OTHER	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION S AMBIENT TEMP 98°F

SHIPMENT VIA FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO RCRA laboratories

COMMENTS

SAMPLER. BN OBSERVER. PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

1 L Poly nitric
1 L Poly NaOH
1 L Poly NaOH+Zn

AFCEE FORM SR 0 per QAPP

9010 metals
9030 Cyanide
Sulfide

HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 G2 3E

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BMGLTA817-01

SAMPLING METHOD: SSR DUP./REP. OF: —

BEGINNING DEPTH: 0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: .5'

GRAB (X) COMPOSITE ( ) DATE: 6/1/98 TIME: 1720

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
2 jar 6oz ~~ring~~	1	4°C		8260	VOC
8 oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8 oz jar	1	4°C		Per QAPP	Total metals / ~~mercury~~
				9010/9030	Cyanide / Sulfide
8 oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 98°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA laboratories

COMMENTS: ____

SAMPLER: BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3F

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: Dup 060198

SAMPLING METHOD SSR DUP./REP. OF: ~~[illegible]~~ BHGLTA817-01

BEGINNING DEPTH 0' MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH 5'

GRAB (X) COMPOSITE ( ) DATE: 6/1/98 TIME: 1200

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" ring	1	4°C		8260	VOC
8oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8oz jar	1	4°C		Per CLAPP	Total metals / ~~[illegible]~~
				9010/9030	Cyanide / Sulfide
8oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 98°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS:

SAMPLER: BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP/WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB/WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth PROJECT: AFC 001 0Z3E

SITE:

SAMPLE INFORMATION

MATRIX WG SAMPLE ID: ~~B~~ T B060198

SAMPLING METHOD — DUP./REP. OF: —

BEGINNING DEPTH — MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (✓)

END DEPTH —

GRAB (✓) COMPOSITE ( ) DATE: 6/1/98 TIME: 1800

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml	2	HCl		8260	VOCs

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 98°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA laboratories

COMMENTS:

SAMPLER: BN OBSERVER: PD

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3E

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BH6LTA812-01

SAMPLING METHOD SSR DUP./REP. OF: ——

BEGINNING DEPTH 0' MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH 5'

GRAB (X) COMPOSITE ( ) DATE: 6/2/98 TIME: 9:35

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6 114oz jar	1	4°C		8260	VOC
8 oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8182B	Organophos Pest / Herb
8 oz jar	1	4°C		Per QAPP	Total metals / ~~[illegible]~~
				9010/9030	Cyanide / Sulfide
8 oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 102°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS: ____

SAMPLER: PD OBSERVER: MJ

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3E

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: Dup 060298

SAMPLING METHOD SSR DUP./REP. OF: BHGTA812-01

BEGINNING DEPTH

END DEPTH

MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

GRAB (X) COMPOSITE ( ) DATE: 6/2/98 TIME: 1200

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" ring	1	4°C		8260	VOC
8 oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8 oz jar	1	4°C		Per QAPP	Total metals / ~~[illegible]~~
				9010/9030	Cyanide / Sulfide
8 oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 162°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS:

SAMPLER: PD OBSERVER: MS

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAB\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 023E

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLFA 812-02

SAMPLING METHOD SSR DUP./REP. OF: ——

BEGINNING DEPTH 3.5' MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH 6.5'

GRAB (X) COMPOSITE ( ) DATE: 6/2/98 TIME: 1215

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" ring	1	4°C		8260	VOC
8 oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150	Organophos Pest / Herb
8 oz jar	1	4°C		Per QAPP	Total metals / mercury
				9016/9030	Cyanide / Sulfide
8 oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 102°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS: ____

SAMPLER: PD OBSERVER: MJ

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3F

SITE: Land fill 8

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BH6LTA812-03

SAMPLING METHOD SSR DUP./REP. OF: ——

BEGINNING DEPTH ~~8.5~~ 9.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH ~~11.5~~ 11.0

GRAB (X) COMPOSITE ( ) DATE: 6/2/98 TIME: 11:20

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" ring	1	4°C		8260	VOC
8oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest. /Herb
8oz jar	1	4°C		Per QAPP	Total metals / ~~mercury~~
				9010/9030	Cyanide + sulfide
8oz jar	1	4°C		8280	Dioxin/Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 102°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS: ____

SAMPLER: ____ OBSERVER: ____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3E

SITE: Land Fill 8

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BHGLTA8 12-04

SAMPLING METHOD: SSR DUP./REP. OF: ——

BEGINNING DEPTH: 13.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: 16.5

GRAB (X) COMPOSITE ( ) DATE: 6/2/98 TIME: 1130

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" ring	1	4°C		8260	VOC
8oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8oz jar	1	4°C		Per QAPP	Total metals / ~~mercury~~
				9010/9030	Cyanide / Sulfide
8oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 82°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS: ____

SAMPLER: P OBSERVER: ____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3F

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA812-05

SAMPLING METHOD SSR DUP./REP. OF: ——

BEGINNING DEPTH ~~18.5~~ 19 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH ~~21.5~~ 21

GRAB (X) COMPOSITE ( ) DATE: 10/2/98 TIME: 1155

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" ring	1	4°C		8260	VOC
8 oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest / Herb
8 oz jar	1	4°C		P-QAPP	Total metals / mercury
				9010/9030	Cyanide / Sulfide
8 oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 102°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS: ____

SAMPLER: ____ OBSERVER: ____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 023E

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLTA815-03

SAMPLING METHOD SSR DUP./REP. OF: ——

BEGINNING DEPTH 8.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH 11.5

GRAB (X) COMPOSITE ( ) DATE: 6/2/98 TIME: 815

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" ring	1	4°C		8260	VOC
8 oz jar	1	4°C		8270/8080	SVOC / Pest - PCB
				8140/8150B	Org. Pest/Herb
8 oz jar	1	4°C		Per QAPP	Total metals / ~~mercury~~
				9010/9030	Cyanide / Sulfide
8 oz jar	1	4°C		8250	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 102°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS: ____

SAMPLER: PD OBSERVER: MJ

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3F

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: RHGTA ~~843~~ 815 - 04

SAMPLING METHOD: SSR DUP./REP. OF: ——

BEGINNING DEPTH: 13.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: 16.5

GRAB (X) COMPOSITE ( ) DATE: 6/2/98 TIME: 840

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" ring	1	4°C		8260	VOC
8 oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8 oz jar	1	4°C		Per SAPP	Total metals / ~~[illegible]~~
				9010/9030	Cyanide / Sulfide
8 oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 102°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS:

SAMPLER: PD OBSERVER: MJ

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SD=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAB/WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB/WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676-150

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3E

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: RHGLTA ~~813-05~~ 815-05

SAMPLING METHOD SSR DUP/REP. OF: —

BEGINNING DEPTH 18.5 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH 21.5

GRAB (X) COMPOSITE ( ) DATE: 6/2/98 TIME: 900

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" ring	1	4°C		8260	VOC
8oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8oz jar	1	4°C		Per SAPP	Total metals / ~~[illegible]~~
				9010/9030	Cyanide / Sulfide
8oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 102°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS: ____

SAMPLER: ____ OBSERVER: ____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP/WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB/WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

12676; 1,60

HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB PROJECT: AFC001-023E

SITE: LF8

SAMPLE INFORMATION

MATRIX SO SAMPLE ID: ~~BHGLJA~~ EB060298

SAMPLING METHOD _____ DUP./REP. OF: _____

BEGINNING DEPTH _____ MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO ( )

END DEPTH _____

GRAB ( ) COMPOSITE ( ) DATE: 6/2/98 TIME: 945

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40mL	3	HCl		8260A	8260L VOCs
1L Poly	1	NaOH		9010A	Cyanide
1L amber	1	Ø		8280	Dioxins/Furans
1L amber	1	Ø		8150B	Herbicide
1L Poly	1	HNO_3		6010B, 7470A	Total Metals/Mercury
1L Amber	1	Ø		8140	OP Pest

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION S AMBIENT TEMP 102°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw

COMMENTS: _____

SAMPLER: B Nielsen OBSERVER: M Johnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

1L amber	1	Ø		8080A	PCBs
1L Poly	1	NaOH pH>9, ZnAce		9030	Sulfide
1L amber	1	Ø		8270B	SVOCs
1L amber	1	Ø		Extra	Extra

AFCEE FORM SR.0

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS FW JRB

PROJECT: W AFC001-023E

SITE: LF8

SAMPLE INFORMATION

MATRIX WQ

SAMPLE ID: AB060298

SAMPLING METHOD

DUP./REP. OF:

BEGINNING DEPTH

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH

GRAB ( ) COMPOSITE ( )

DATE: 6/2/98 TIME: 1045

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40mL	3	HCl		8260A	VOCs

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 100

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Chuck Maw - RECRA

COMMENTS:

SAMPLER: P Darwala OBSERVER: M Johnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS Ft. Worth PROJECT: AFC 001 02 3E

SITE: LF8

SAMPLE INFORMATION

MATRIX WQ SAMPLE ID: TB060298

SAMPLING METHOD Grab DUP/REP. OF: —

BEGINNING DEPTH _____ MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH _____

GRAB (X) COMPOSITE ( ) DATE: 6/2/98 TIME: 1630

CONTAINER SIZE/TYPE	CONTAINER #	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml	2	HCl		8270	VOCs

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 102°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: _____

COMMENTS: _____

SAMPLER: P Dawwala OBSERVER: M Johnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02BF

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BHG-LTA 816-01

SAMPLING METHOD: SSR DUP/REP. OF: ——

BEGINNING DEPTH: 0' MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: .5'

GRAB (X) COMPOSITE ( ) DATE: 6/2/98 TIME: 1440

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" ring	1	4°C		8260	VOC
8 oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8 oz jar	1	4°C		Per QAPP	Total metals / ~~[illegible]~~
				9010/9030	Cyanide / Sulfide
8 oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 102°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS:

SAMPLER: PD OBSERVER: B

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP/WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB/WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3E

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLJA 816-02

SAMPLING METHOD SSR DUP/REP. OF: ——

BEGINNING DEPTH 3.5' MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH 6.5'

GRAB (X) COMPOSITE ( ) DATE: 6/7/95 TIME: 1515

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" sleeve	1	4°C		8260	VOC
8 oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8 oz jar	1	4°C		Per QAPP	Total metals / [illegible]
				9010/9030	Cyanide / Sulfide
8 oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 102°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS:

SAMPLER: PD OBSERVER: MT

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP/WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB/WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3E

SITE: Landfill 5

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BHGLTA816-03

SAMPLING METHOD: SSR DUP./REP. OF: ——

BEGINNING DEPTH: 8.5' MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: 11.5'

GRAB (X) COMPOSITE ( ) DATE: 6/2/98 TIME: 1520

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
~~6 oz jar~~ 4 oz jar	1	4°C		8260	VOC
8 oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest / Herb
8 oz jar	1	4°C		Per QAPP	Total metals / mercury
				9010/9030	Cyanide
8 oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 162°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA laboratories

COMMENTS: ____

SAMPLER: PD OBSERVER: MJ

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3E

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: B14GLTA-S16-04

SAMPLING METHOD: SSR DUP./REP. OF: ——

BEGINNING DEPTH: 14 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: 16

GRAB (X) COMPOSITE ( ) DATE: 6/7/98 TIME: 1530

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" Glass jar	1	4°C		8260	VOC
8 oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8oz jar	1	4°C		Per GAPP	Total metals / [illegible]
				9010/9030	Cyanide / Sulfide
8oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUNCLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 102°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS:

SAMPLER: PD OBSERVER: MT

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAB/WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB/WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

AFCEE FORM SR.0

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3E

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: ~~[illegible]~~ DUP 060298A

SAMPLING METHOD: SSR DUP./REP. OF: ~~[illegible]~~ BHGLTA816-03

BEGINNING DEPTH: MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH:

GRAB (X) COMPOSITE ( ) DATE: 6/2/98 TIME: 1130

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
~~6oz jar~~	1	4°C		8260	VOC
8oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest / Herb
8oz jar	1	4°C		Per QAPP	Total metals / mercury
				9010/9036	Cyanide
8oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 62°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS:

SAMPLER: PD OBSERVER: MS

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 00102 3E

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BHGLTA818-01

SAMPLING METHOD: SSR DUP./REP. OF: ——

BEGINNING DEPTH: 0' MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: .5'

GRAB (X) COMPOSITE ( ) DATE: 6/3/98 TIME: 900

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz 6" ring	1	4°C		8260	VOC
8oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8oz jar	1	4°C		Per CAPP	Total metals / ~~[illegible]~~
				9010/9030	Cyanide / Sulfide
8oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR 1 OVERCAST/RAIN ____ WIND DIRECTION P AMBIENT TEMP 98°

SHIPMENT VIA: FED-X 1 HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS:

SAMPLER: PD OBSERVER: MJ

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAB\WIPE

SAMPLING METHOD CODES

B=BAILER
SR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
HS=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 023E

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BHGLTA 818-03

SAMPLING METHOD: SSR DUP./REP. OF: ——

BEGINNING DEPTH: ~~8.5~~ 9 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: ~~10.5~~ 11

GRAB (X) COMPOSITE ( ) DATE: 6/3/98 TIME: 830

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" ring	1	4°C		8260	VOC
8oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8oz jar	1	4°C		Per CAPP	Total metals / ~~[illegible]~~
				9010/9030	Cyanide / Sulfide
8oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS:

SAMPLER: P Damuwala OBSERVER: M Johnston

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP/WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB/WIPE
G=GRAB
HA=HAND AUGER
HS=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

6:76 1700

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3E

SITE: Land fill 8

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHG-LTA818-04 MS

SAMPLING METHOD SSR DUP/REP. OF: ——

BEGINNING DEPTH 0' MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES (X) ~~NO ( )~~

END DEPTH 5'

GRAB (X) COMPOSITE ( ) DATE: 6/3/98 TIME: 850

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6 1/4 oz jar	1	4°C		8260	VOC
8 oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8 oz jar	1	4°C		Per QAPP	Total metals / ~~cement~~
				9010/9030	Cyanide / Sulfide
8 oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 98°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS: ____

SAMPLER: PD OBSERVER: MJ

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LW=HAZARDOUS LIQUID WASTE
SW=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAB\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 02 3E

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX Soil SAMPLE ID: BHGLFA 818-04 MSD

SAMPLING METHOD SSR DUP./REP. OF: ——

BEGINNING DEPTH 0' MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES (X) NO ( )

END DEPTH 5'

GRAB (X) COMPOSITE ( ) DATE: 6/2/98 TIME: 850

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
6" ring	1	4°C		8260	VOC
8oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8oz jar	1	4°C		Per SAPP	Total metals / ~~[illegible]~~
				9010/9020	Cyanide / Sulfide
8oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 98°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS: ____

SAMPLER: PD OBSERVER: MJ

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAB\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO Geologic

FIELD SAMPLING REPORT

LOCATION: NAS Fort Worth PROJECT: AFC 001 CZ 3E

SITE: Landfill 8

SAMPLE INFORMATION

MATRIX: Soil SAMPLE ID: BHGL TA 818-04

SAMPLING METHOD: SSR DUP./REP. OF: ——

BEGINNING DEPTH: ~~12.5~~ 14 MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: ~~16.5~~ 16

GRAB (X) COMPOSITE ( ) DATE: 6/3/98 TIME: 859

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
~~6" ring~~ 4oz jar	1	4°C		8260	VOC
8oz jar	1	4°C		8270/8080	SVOC / Pest + PCB
				8140/8150B	Organophos Pest/Herb
8oz jar	1	4°C		Per QAPP	Total metals / ~~[illegible]~~
				9010/9030	Cyanide / Sulfide
8oz jar	1	4°C		8280	Dioxin / Furan

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 98°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Laboratories

COMMENTS: ____

SAMPLER: ____ OBSERVER: ____

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth PROJECT: AFC 001 023E

SITE: _____

SAMPLE INFORMATION

MATRIX WQ SAMPLE ID: TB060398

SAMPLING METHOD — DUP./REP. OF: —

BEGINNING DEPTH — MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH —

GRAB (✓) COMPOSITE ( ) DATE: 6/3/98 TIME: 950

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml	2	HCl		8260	VOC

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 98°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: RCRA Labs

COMMENTS: ____

SAMPLER: PD OBSERVER: MJ

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAB\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB

SITE. Landfill 8

PROJECT NAME RCRA Landfills Investigation

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA820-01

DATE: 10/7/99 TIME: 1050

MATRIX TYPE. SO

SAMPLING METHOD: 6

LOT CONTROL #: G 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 200001

SAMPLE BEG DEPTH (FT) 0

SAMPLE END DEPTH (FT) 0.5"

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD) —

AMBIENT BLANK (AB). —

EQUIPMENT BLANK (EB) EB100799

TRIP BLANK (TB) TB100799

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
8 oz. Jar	1	Cool to 4 C	SW6010A-tr	Barium/Lead
8 oz Jar	1	Cool to 4 C	SW8270C	SVOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0.0ppm	COLOR	
2nd	ODOR	
	OTHER	

pH N/A Temperature N/A (C) Dissolved Oxygen N/A (mg/L) Specific Conductivity N/A (umhos/cm)

Iron N/A (mg/L) Oxidation/Reduction Potential N/A (mv) Turbidity N/A (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMPERATURE 80

SHIPMENT VIA FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS.

SAMPLER M Johnston OBSERVER R Wallace

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB

SITE: Landfill 8

PROJECT NAME RCRA Landfills Investigation

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA821-01

DATE 10/7/99 TIME. 1020

MATRIX TYPE: SO

SAMPLING METHOD: B

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #. 2C 3001

SAMPLE BEG DEPTH (FT) 0

SAMPLE END DEPTH (FT): 0.5"

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD) —

AMBIENT BLANK (AB). —

EQUIPMENT BLANK (EB) EB100799

TRIP BLANK (TB): TB100799

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
8 oz. Jar	1	Cool to 4 C	SW6010A-tr	Barium/Lead
8 oz Jar	1	Cool to 4 C	SW8270C	SVOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0 0ppm	COLOR	
2nd	ODOR	
	OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMPERATURE 80

SHIPMENT VIA FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. STL - Chicago

COMMENTS. ____

SAMPLER. R Wallace OBSERVER: M Johnstn

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

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LOCATION: NAS Ft Worth JRB

SITE: LandFill 8

PROJECT NAME RCRA Landfills Investigation

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID ~~BHGLTA820MSD(N)~~ BHGLTA820-04

DATE: 10/7/99 TIME: 1040

MATRIX TYPE: SO

SAMPLING METHOD: DT

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 210001

SAMPLE BEG DEPTH (FT) 14

SAMPLE END DEPTH (FT) 16

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS): —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD) —

AMBIENT BLANK (AB): —

EQUIPMENT BLANK (EB): EB100799

TRIP BLANK (TB): TB100799

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
~~8 oz. Jar~~	~~1~~	~~Cool to 4 C~~	~~SW6010A-tr~~	~~Barium/Lead~~ Mg
8 oz Jar	1	Cool to 4 C	SW8270C	SVOCs (App.IX)

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st C	COLOR	
2nd	ODOR:	
	OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMPERATURE 80'

SHIPMENT VIA: FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS:

SAMPLER: R. Wallace OBSERVER M. Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION. NAS Ft Worth JRB

SITE: Land fill 8

PROJECT NAME RCRA Landfills Investigation

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BHGLTA821-04

DATE. 10/7/99 TIME: 1000

MATRIX TYPE: SO

SAMPLING METHOD: G

LOT CONTROL #: 0 1 1 4

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 20001

SAMPLE BEG DEPTH (FT) 14

SAMPLE END DEPTH (FT). 16

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB). EB100799

TRIP BLANK (TB) TB100799

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
8 oz Jar	1	Cool to 4 C	SW8270C	SVOCs (App IX)

NOTABLE OBSERVATIONS

PID READINGS		SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	0	COLOR	
2nd		ODOR	
		OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR Y OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMPERATURE 80°

SHIPMENT VIA. FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS.

SAMPLER: M Johnston OBSERVER: L Iberra

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION: NAS Ft Worth JRB

SITE: Landfill 8

PROJECT NAME RCRA Landfills Investigation

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID ~~MPUP03~~ BHGLTA8 19-02

DATE: 10/7/99 TIME: 1115

MATRIX TYPE: SO

SAMPLING METHOD: DT

LOT CONTROL #: 0 1 1 4

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: [illegible]

SAMPLE BEG DEPTH (FT) 4

SAMPLE END DEPTH (FT) 6

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD): —

AMBIENT BLANK (AB). —

EQUIPMENT BLANK (EB) EB100749

TRIP BLANK (TB) TB100749

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
~~8 oz. Jar~~	~~1~~	~~Cool to 4 C~~	~~SW6010A-tr~~	~~Barium/Lead~~
8 oz Jar	1	Cool to 4 C	SW8270C	SVOCs (App IX)

Mg

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st 0.0 ppm	COLOR	
2nd	ODOR	
	OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER. SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMPERATURE 80°

SHIPMENT VIA FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO. STL - Chicago

COMMENTS

SAMPLER M Johnston OBSERVER R Wallace

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	LP=LABORATORY PREP
SE=SEDIMENT	W=WATER	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

GeoLogic 676 479

FIELD SAMPLING REPORT

LOCATION: NAS FORT WORTH JRB — PROJECT NAME: DO2 RCRA LANDFILLS INVESTIGATION

SITE: Landfill 8 — PROJECT NAME: AFC001-023E

SAMPLE INFORMATION

SAMPLE ID: BH6LTA831-01 — DATE: 10/8/99 — TIME: 1145

MATRIX TYPE: S

SAMPLING METHOD: G

LOT CONTROL = 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 200002

SAMPLE BEG DEPTH (FT): 0

SAMPLE END DEPTH (FT): 0.5'

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS): —

MATRIX SPIKE DUP (SD): —

FIELD DUP (FD): DUP03

AMBIENT BLANK (AB): —

EQUIPMENT BLANK (EB): EG100899

TRIP BLANK (TB): TG100899

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
(A) 8oz jar	1	Cool to 4C/HNO3 pH<2	SW6010A/SW7470A	Total Metals (App IX)
(B) 8oz jar	1	Cool to 4C	SW8080A	Pesticides/PCBs (App IX)
8oz jar	B	Cool to 4C	SW8140	Organophos Pest (App IX)
8oz jar	B	Cool to 4C	SW8150B	Herbicides (App IX)
SS Sleeve	1	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)
8oz jar	B	Cool to 4C	SW8270B	SVOCs (App IX)
4oz jar	1	Cool to 4C	SW8280	Total Dioxin/Furans
8oz jar	A	Cool to 4C/NaOH pH>12	SW9010A	Cyanide
8oz jar	A	Cool to 4C/NaOH pH>9, Zn Ace	SW9030	Sulfide

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
st 0	COLOR:	
nd	ODOR	
	OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

ron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMPERATURE 70

SHIPMENT VIA FEDEX X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS

SAMPLER: K Wallace OBSERVER M Johnson

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
H=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
H=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	HP=HYDRO PUNCH
E=SEDIMENT	SW=SWAB/WIPE	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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GeoLogic

FIELD SAMPLING REPORT

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LOCATION NAS FORT WORTH JRB — PROJECT NAME DO2 RCRA LANDFILLS INVESTIGATION

SITE. LF-8 — PROJECT NAME. AFC001-023E

SAMPLE INFORMATION

SAMPLE ID DUP03 — DATE. 10/8/99 — TIME. 1200 (1145)

MATRIX TYPE S

SAMPLING METHOD: G

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY = 200002

SAMPLE BEG DEPTH (FT) 0

SAMPLE END DEPTH (FT) 0.5"

GRAB (✓) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD) BH6L7983-01

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) EB100899

TRIP BLANK (TB) TB100899

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
(A) 8oz jar	1	Cool to 4C/HNO3 pH<2	SW6010A/SW7470A	Total Metals (App IX)
(B) 8oz jar	1	Cool to 4C	SW8080A	Pesticides/PCBs (App IX)
8oz jar	B	Cool to 4C	SW8140	Organophos Pest (App IX)
8oz jar	B	Cool to 4C	SW8150B	Herbicides (App IX)
SS Sleeve	1	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)
8oz jar	B	Cool to 4C	SW8270B	SVOCs (App IX)
8oz jar	1	Cool to 4C	SW8280	Total Dioxin/Furans
8oz jar	A	Cool to 4C/NaOH pH>12	SW9010A	Cyanide
8oz jar	A	Cool to 4C/NaOH pH>9, Zn Ace	SW9030	Sulfide

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
st 0	COLOR:	
nd	ODOR:	
	OTHER:	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

ron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMPERATURE 70°

SHIPMENT VIA FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS

SAMPLER: K Wallace — OBSERVER M Johnson

MATRIX TYPE CODES		SAMPLING METHOD CODES	
C=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
H=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
H=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	HP=HYDRO PUNCH
E=SEDIMENT	SW=SWAB/WIPE	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

FIELD SAMPLING REPORT

676 481

LOCATION.	NAS FORT WORTH JRB	PROJECT NAME	DO2 RCRA LANDFILLS INVESTIGATION
SITE	Landfill 8	PROJECT NAME	AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BH6LTA231-02 DATE. 10/8/99 TIME 945

MATRIX TYPE: S

SAMPLING METHOD: BP DT

LOT CONTROL = 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY = 200002

SAMPLE BEG DEPTH (FT) 4

SAMPLE END DEPTH (FT) 6

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) EB10C844

TRIP BLANK (TB) TB10C899

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
(A) 8oz jar	1	Cool to 4C/HNO3 pH<2	SW6010A/SW7470A	Total Metals (App IX)
(B) 8oz jar	1	Cool to 4C	SW8080A	Pesticides/PCBs (App IX)
8oz jar	B	Cool to 4C	SW8140	Organopnos Pest (App IX)
8oz jar	B	Cool to 4C	SW8150B	Herbicides (App IX)
SS Sleeve	1	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)
8oz jar	B	Cool to 4C	SW8270B	SVOCs (App IX)
4oz jar	1	Cool to 4C	SW8280	Total Dioxin/Furans
8oz jar	A	Cool to 4C/NaOH pH>12	SW9010A	Cyanide
8oz jar	A	Cool to 4C/NaOH pH>9, Zn Ace	SW9030	Sulfide

NOTABLE OBSERVATIONS

PID READINGS		SAMPLE CHARACTERISTICS	MISCELLANEOUS
st	0	COLOR	
End		ODOR	
		OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMPERATURE 70

SHIPMENT VIA FEDEX X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS Combined analyses on jars total of 2 8oz jars, 1 4oz, + 1 SS sleeve.)

SAMPLER: R Wallace OBSERVER M Johnson

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
H=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
H=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	HP=HYDRO PUNCH
E=SEDIMENT	SW=SWAB/WIPE	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

AFCEE FORM SR 11

GeoLogic INC

FIELD SAMPLING REPORT

1.81 PSd

676 182

LOCATION. NAS FORT WORTH JRB — PROJECT NAME DO2 RCRA LANDFILLS INVESTIGATION

SITE Landfill 8 — PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BH6LTA831-03 — DATE: 10/8/99 — TIME. 1000

MATRIX TYPE. S

SAMPLING METHOD: DT

LOT CONTROL # 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 200002

SAMPLE BEG DEPTH (FT) 9

SAMPLE END DEPTH (FT) 11

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) EB100899

TRIP BLANK (TB) TB100899

CONTAINER SIZE TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
(A) 8oz jar	1	Cool to 4C/HNO3 pH<2	SW6010A/SW7470A	Total Metals (App IX)
(B) 8oz jar	1	Cool to 4C	SW8080A	Pesticides/PCBs (App IX)
8oz jar	B	Cool to 4C	SW8140	Organophos Pest (App IX)
8oz jar	B	Cool to 4C	SW8150B	Herbicides (App IX)
SS Sleeve	1	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)
8oz jar	B	Cool to 4C	SW8270B	SVOCs (App IX)
[illegible]oz jar	1	Cool to 4C	SW8280	Total Dioxin/Furans
[illegible]oz jar	A	Cool to 4C/NaOH pH>12	SW9010A	Cyanide
8oz jar	A	Cool to 4C/NaOH pH>9, Zn Ace	SW9030	Sulfide

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
st C	COLOR	
nd	ODOR:	
	OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity _____ (umhos/cm)

ron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity _____ (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR _____ OVERCAST/RAIN X WIND DIRECTION _____ AMBIENT TEMPERATURE 80 F

SHIPMENT VIA FEDEX X HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO STL - Chicago

COMMENTS.

SAMPLER: R Wallace OBSERVER: M. Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAB/WIPE	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

GeoLogic 675 183

LOCATION: NAS FORT WORTH JRB
SITE: Landfill 8

PROJECT NAME: CO2 RCRA LANDFILLS INVESTIGATION
PROJECT NAME: AFC001-023E

SAMPLE INFORMATION

SAMPLE ID: BH6L7A831-04
DATE: 10/7/99 TIME: 1025

MATRIX TYPE: S

SAMPLING METHOD: DT

LOT CONTROL #: 0 1 1 A
(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 200002

SAMPLE BEG DEPTH (FT): 14
SAMPLE END DEPTH (FT): 16
GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS): —
MATRIX SPIKE DUP (SD): —
FIELD DUP (FD): —
AMBIENT BLANK (AB): —
EQUIPMENT BLANK (EB): EB100899
TRIP BLANK (TB): TB100899

CONTAINER SIZE TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
(A) 8oz jar	1	Cool to 4C/HNO3 pH<2	SW6010A/SW7470A	Total Metals (App IX)
(B) 8oz jar	1	Cool to 4C	SW8080A	Pesticides/PCBs (App IX)
8oz jar	B	Cool to 4C	SW8140	Organophos Pest (App IX)
8oz jar	B	Cool to 4C	SW8150B	Herbicides (App IX)
SS Sleeve	1	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)
8oz jar	B	Cool to 4C	SW8270B	SVOCs (App IX)
4oz jar	1	Cool to 4C	SW8280	Total Dioxin/Furans
8oz jar	A	Cool to 4C/NaOH pH>12	SW9010A	Cyanide
8oz jar	A	Cool to 4C/NaOH pH>9, Zn Ace	SW9030	Sulfide

NOTABLE OBSERVATIONS

PID READINGS: 0

SAMPLE CHARACTERISTICS: COLOR: ODOR: OTHER:

MISCELLANEOUS:

pH: NA Temperature: NA (C) Dissolved Oxygen: NA (mg/L) Specific Conductivity: NA (umhos/cm)
Iron: NA (mg/L) Oxidation/Reduction Potential: NA (mv) Turbidity: NA (NTU)

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMPERATURE 70°

SHIPMENT VIA: FEDEX X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: STL - Chicago

COMMENTS:

SAMPLER: R. Wallace OBSERVER: M. Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
GW=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
HL=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
HS=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAB/WIPE	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

FIELD SAMPLING REPORT

676 181

LOCATION NAS FORT WORTH JRB

SITE. Landfill 8

PROJECT NAME DO2 RCRA LANDFILLS INVESTIGATION

PROJECT NAME. AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BH6LTA831-05

DATE: 10/8/99 TIME. 1050

MATRIX TYPE S

SAMPLING METHOD: DT

LOT CONTROL = 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY = 200002

SAMPLE BEG DEPTH (FT) 19

SAMPLE END DEPTH (FT) 21

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE:

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) EB100899

TRIP BLANK (TB) TB100899

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
(A) 8oz jar	1	Cool to 4C/HNO3 pH<2	SW6010A/SW7470A	Total Metals (App IX)
(B) 8oz jar	1	Cool to 4C	SW8080A	Pesticides/PCBs (App IX)
8oz jar	B	Cool to 4C	SW8140	Organophos Pest (App IX)
8oz jar	B	Cool to 4C	SW8150B	Herbicides (App IX)
SS Sleeve	1	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)
8oz jar	B	Cool to 4C	SW8270B	SVOCs (App IX)
[illegible]oz jar	1	Cool to 4C	SW8280	Total Dioxin/Furans
[illegible]oz jar	A	Cool to 4C/NaOH pH>12	SW9010A	Cyanide
8oz jar	A	Cool to 4C/NaOH pH>9, Zn Ace	SW9030	Sulfide

NOTABLE OBSERVATIONS

PID READINGS

st 0

nd

SAMPLE CHARACTERISTICS

COLOR:

ODOR

OTHER:

MISCELLANEOUS

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

-on NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMPERATURE 70

SHIPMENT VIA. FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS.

SAMPLER: B Wallace OBSERVER: M. Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
H=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
H=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	HP=HYDRO PUNCH
E=SEDIMENT	SW=SWAB/WIPE	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

GeoLogic

FIELD SAMPLING REPORT

676 185

LOCATION NAS FORT NORTH JRB

SITE. Landfill 8

PROJECT NAME DC2 RCRA LANDFILLS INVESTIGATION

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BH6L7A 822-01

DATE. 10/8/99 TIME. 1205

MATRIX TYPE S

SAMPLING METHOD 6

LOT CONTROL = 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY = 200002

SAMPLE BEG DEPTH (FT) 0

SAMPLE END DEPTH (FT) 0.5"

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS) BH6L7A822-01MS

MATRIX SPIKE DUP (SD) BH6L7A822-01MSD

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) EB100899

TRIP BLANK (TB) TB100899

CONTAINER SIZE TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
(A) 8oz jar	1	Cool to 4C/HNO3 pH<2	SW6010A/SW7470A	Total Metals (App IX)
(B) 8oz jar	1	Cool to 4C	SW8080A	Pesticides/PCBs (App IX)
8oz jar	B	Cool to 4C	SW8140	Organophos Pest (App IX)
8oz jar	B	Cool to 4C	SW8150B	Herbicides (App IX)
SS Sleeve	1	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)
8oz jar	B	Cool to 4C	SW8270B	SVOCs (App IX)
4oz jar	1	Cool to 4C	SW8280	Total Dioxin/Furans
8oz jar	A	Cool to 4C/NaOH pH>12	SW9010A	Cyanide
8oz jar	A	Cool to 4C/NaOH pH>9, Zn Ace	SW9030	Sulfide

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
0.0ppm	COLOR	
	ODOR	
	OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Eh NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMPERATURE 70°

SHIPMENT VIA. FEDEX X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS

SAMPLER: R Wallace OBSERVER M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
C=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
G=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	HP=HYDRO PUNCH
=SEDIMENT	SW=SWAB/WIPE	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

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GeoLogic

676 486

LOCATION NAS FORT WORTH JRB

SITE. Landfill 8

PROJECT NAME DC2 RCRA LANDFILLS INVESTIGATION

PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BH6LTA822-01MS

DATE 10/8/99 TIME. 1205

MATRIX TYPE. S

SAMPLING METHOD: G

LOT CONTROL = 6 1 1 A

Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY = 200002

SAMPLE BEG DEPTH (FT) 0

SAMPLE END DEPTH (FT) 0.5"

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS) BH6LTA822-01

MATRIX SPIKE DUP (SD) BH6LTA822-01MSD

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB): EB100899

TRIP BLANK (TB) TB100899

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
(A) 8oz jar	1	Cool to 4C/HNO3 pH<2	SW6010A/SW7470A	Total Metals (App IX)
(B) 8oz jar	1	Cool to 4C	SW8080A	Pesticides/PCBs (App IX)
8oz jar	B	Cool to 4C	SW8140	Organophos Pest (App IX)
8oz jar	B	Cool to 4C	SW8150B	Herbicides (App IX)
SS Sleeve	1	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)
8oz jar	B	Cool to 4C	SW8270B	SVOCs (App IX)
4oz jar	1	Cool to 4C	SW8280	Total Dioxin/Furans
[illegible]z jar	A	Cool to 4C/NaOH pH>12	SW9010A	Cyanide
[illegible]oz jar	A	Cool to 4C/NaOH pH>9, Zn Ace	SW9030	Sulfide

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
0.0 ppm	COLOR	
nd	ODOR:	
	OTHER:	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

ron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMPERATURE: 70

SHIPMENT VIA FEDEX X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS

SAMPLER R Wallace OBSERVER: M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
C=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
G=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
H=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
H=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	HP=HYDRO PUNCH
E=SEDIMENT	SW=SWAB/WIPE	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

AFCEE FORM SR 11

HYDRO GeoLogic INC

FIELD SAMPLING REPORT

676 187

LOCATION: NAS FORT WORTH JRB — PROJECT NAME: DO2 RCRA LANDFILLS INVESTIGATION

SITE: N/A — PROJECT NAME: AFC001-023E

SAMPLE INFORMATION

SAMPLE ID: ~~DUP03-NS~~ EB100899 — DATE: 10/8/99 — TIME: 1510

MATRIX TYPE: S

SAMPLING METHOD: G

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 200002

SAMPLE BEG DEPTH (FT): —

SAMPLE END DEPTH (FT): —

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS): —

MATRIX SPIKE DUP (SD): —

FIELD DUP (FD): —

AMBIENT BLANK (AB): —

EQUIPMENT BLANK (EB): ~~EB~~ PD

TRIP BLANK (TB): TB100899

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
1 L Poly	1	Cool to 4C/HNO3 pH<2	SW6010A/SW7470A	Total Metals (App IX)
1 L Amber	2	Cool to 4C	SW8080A	Pesticides/PCBs (App IX)
1 L Amber	2	Cool to 4C	SW8140	Organophos Pest (App IX)
1 L Amber	2	Cool to 4C	SW8150B	Herbicides (App IX)
40 mL VOA	3	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)
1 L Amber	2	Cool to 4C	SW8270B	SVOCs (App IX)
1 L Amber	2	Cool to 4C	SW8280	Total Dioxin/Furans
500 mL Poly	1	Cool to 4C/NaOH pH>12	SW9010A	Cyanide
500 mL Poly	1	Cool to 4C/NaOH pH>9, Zn Ace	SW9030	Sulfide

NOTABLE OBSERVATIONS

PID READINGS		SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	N/A	COLOR	
2nd		ODOR	
		OTHER	

pH N/A Temperature N/A (C) Dissolved Oxygen N/A (mg/L) Specific Conductivity N/A (umhos/cm)

Iron N/A (mg/L) Oxidation/Reduction Potential N/A (mv) Turbidity N/A (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMPERATURE 70

SHIPMENT VIA FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS

SAMPLER M Johnston OBSERVER L Iberra

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAB/WIPE	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

GeoLogic INC

FIELD SAMPLING REPORT

676 188

LOCATION NAS FORT WORTH JRB — PROJECT NAME DC2 RCRA LANDFILLS INVESTIGATION

SITE. Landfill 8 — PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BH6LTA822-01MSD — DATE: 10/8/99 — TIME. 1205

MATRIX TYPE. S

SAMPLING METHOD: G

LOT CONTROL = ~~0 0 1 A~~ 011A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY = 200002

SAMPLE BEG DEPTH (FT) 0

SAMPLE END DEPTH (FT) 0.5"

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS): BH6LTA822-01MS

MATRIX SPIKE DUP (SD) BH6LTA822-01

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) EB100899

TRIP BLANK (TB) TB100899

CONTAINER SIZE TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
(A) 8oz jar	1	Cool to 4C/HNO3 pH<2	SW6010A/SW7470A	Total Metals (App IX)
(B) 8oz jar	1	Cool to 4C	SW8080A	Pesticides/PCBs (App IX)
8oz jar	B	Cool to 4C	SW8140	Organophos Pest (App IX)
8oz jar	B	Cool to 4C	SW8150B	Herbicides (App IX)
SS Sleeve	1	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)
8oz jar	B	Cool to 4C	SW8270B	SVOCs (App IX)
[illegible]oz jar	1	Cool to 4C	SW8280	Total Dioxin/Furans
[illegible]oz jar	A	Cool to 4C/NaOH pH>12	SW9010A	Cyanide
8oz jar	A	Cool to 4C/NaOH pH>9, Zn Ace	SW9030	Sulfide

NOTABLE OBSERVATIONS

PID READINGS — SAMPLE CHARACTERISTICS — MISCELLANEOUS

st 0.0ppm — COLOR:

nd — ODOR

OTHER

pH N/A Temperature N/A (C) Dissolved Oxygen N/A (mg/L) Specific Conductivity N/A (umhos/cm)

ron N/A (mg/L) Oxidation/Reduction Potential N/A (mv) Turbidity N/A (NTU)

GENERAL INFORMATION

VEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMPERATURE 70°

HIPMENT VIA FEDEX X HAND DELIVER ____ COURIER ____ OTHER ____

HIPPED TO STL - Chicago

OMMENTS

AMPLER. RWallace OBSERVER: M Johnson

MATRIX TYPE CODES		SAMPLING METHOD CODES	
C=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
VG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
H=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
H=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	HP=HYDRO PUNCH
E=SEDIMENT	SW=SWAB/WIPE	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

GeoLogic 676 480

LOCATION NAS FORT WORTH JRB
SITE: Landfill 8

PROJECT NAME CO2 RCRA LANDFILLS INVESTIGATION
PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BH6LTA872-02
DATE: 10/8/99 TIME: 1320

MATRIX TYPE S

SAMPLING METHOD: DT

LOT CONTROL #: 0 1 1 A
(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 200002

SAMPLE BEG DEPTH (FT) 4
SAMPLE END DEPTH (FT) 6
GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE

MATRIX SPIKE (MS) —
MATRIX SPIKE DUP (SD) —
FIELD DUP (FD) —
AMBIENT BLANK (AB) —
EQUIPMENT BLANK (EB) EB100899
TRIP BLANK (TB) TB100899

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
(A) 8oz jar	1	Cool to 4C/HNO3 pH<2	SW6010A/SW7470A	Total Metals (App IX)
(B) 8oz jar	1	Cool to 4C	SW8080A	Pesticides/PCBs (App IX)
8oz jar	B	Cool to 4C	SW8140	Organophos Pest (App IX)
8oz jar	B	Cool to 4C	SW8150B	Herbicides (App IX)
SS Sleeve	1	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)
8oz jar	B	Cool to 4C	SW8270B	SVOCs (App IX)
4oz jar	1	Cool to 4C	SW8280	Total Dioxin/Furans
8oz jar	A	Cool to 4C/NaOH pH>12	SW9010A	Cyanide
8oz jar	A	Cool to 4C/NaOH pH>9, Zn Ace	SW9030	Sulfide

NOTABLE OBSERVATIONS

PID READINGS		SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	0.0 ppm	COLOR	
2nd		ODOR:	
		OTHER	

pH N/A Temperature N/A (C) Dissolved Oxygen N/A (mg/L) Specific Conductivity N/A (umhos/cm)
Iron N/A (mg/L) Oxidation/Reduction Potential N/A (mv) Turbidity N/A (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMPERATURE 70°

SHIPMENT VIA FEDEX X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS

SAMPLER R Wallace OBSERVER: M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAB/WIPE	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

AFCEE FORM SR 11

GeoLogic

FIELD SAMPLING REPORT

'01 852 676 490

LOCATION NAS FORT WORTH JRB — PROJECT NAME DO2 RCRA LANDFILLS INVESTIGATION

SITE: Landfill 8 — PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BH6LTA 822-03 — DATE: 10/8/99 — TIME: 1340

MATRIX TYPE: S

SAMPLING METHOD DT

LOT CONTROL #: 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY #: 200002

SAMPLE BEG DEPTH (FT) 9

SAMPLE END DEPTH (FT) 11

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS): —

MATRIX SPIKE DUP (SD): ✓

FIELD DUP (FD): —

AMBIENT BLANK (AB): ✓

EQUIPMENT BLANK (EB): EB100899

TRIP BLANK (TB): TB100899

CONTAINER SIZE TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
(A) 8oz jar	1	Cool to 4C HNO3 pH<2	SW6010A/SW7470A	Total Metals (App IX)
(B) 8oz jar	1	Cool to 4C	SW8080A	Pesticides/PCBs (App IX)
8oz jar	B	Cool to 4C	SW8140	Organophos Pest (App IX)
8oz jar	B	Cool to 4C	SW8150B	Herbicides (App IX)
SS Sleeve	1	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)
8oz jar	B	Cool to 4C	SW8270B	SVOCs (App IX)
[illegible]oz jar	1	Cool to 4C	SW8280	Total Dioxin/Furans
[illegible]oz jar	A	Cool to 4C/NaOH pH>12	SW9010A	Cyanide
8oz jar	A	Cool to 4C/NaOH pH>9, Zn Ace	SW9030	Sulfide

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
0.0 ppm	COLOR:	
	ODOR	
	OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Turbidity NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMPERATURE 70°

SHIPMENT VIA: FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS:

SAMPLER: R Wallace — OBSERVER: M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
C=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
G=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
L=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
S=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	HP=HYDRO PUNCH
D=SEDIMENT	SW=SWAB/WIPE	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

GeoLogic

FIELD SAMPLING REPORT

676 191

LOCATION NAS FORT WORTH JRB — PROJECT NAME DO2 RCRA LANDFILLS INVESTIGATION

SITE. Landfill 8 — PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BH6LJA822-04 — DATE 10/8/99 — TIME. 1355

MATRIX TYPE: S

SAMPLING METHOD: DT

LOT CONTROL = C 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY = 200002

SAMPLE BEG DEPTH (FT) 14

SAMPLE END DEPTH (FT) 16

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE.

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) EB100899

TRIP BLANK (TB) TB100899

CONTAINER SIZE TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
(A) 8oz jar	1	Cool to 4C/HNO3 pH<2	SW6010A/SW7470A	Total Metals (App IX)
(B) 8oz jar	1	Cool to 4C	SW8080A	Pesticides/PCBs (App IX)
8oz jar	B	Cool to 4C	SW8140	Organophos Pest (App IX)
8oz jar	B	Cool to 4C	SW8150B	Herbicides (App IX)
SS Sleeve	1	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)
8oz jar	B	Cool to 4C	SW8270B	SVOCs (App IX)
4oz jar	1	Cool to 4C	SW8280	Total Dioxin/Furans
8oz jar	A	Cool to 4C/NaOH pH>12	SW9010A	Cyanide
8oz jar	A	Cool to 4C/NaOH pH>9, Zn Ace	SW9030	Sulfide

NOTABLE OBSERVATIONS

PID READINGS: 0.0ppm

SAMPLE CHARACTERISTICS: COLOR: ODOR: OTHER

MISCELLANEOUS

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMPERATURE 70°

SHIPMENT VIA. FEDEX x HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS.

SAMPLER R Wallace — OBSERVER M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
C=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
G=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
H=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
H=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	HP=HYDRO PUNCH
E=SEDIMENT	SW=SWAB/WIPE	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

FIELD SAMPLING REPORT

676 492

LOCATION NAS FORT WORTH JRB — PROJECT NAME DO2 RCRA LANDFILLS INVESTIGATION

SITE Landfill 8 — PROJECT NAME AFC001-023E

SAMPLE INFORMATION

SAMPLE ID BH6LTA822-05 — DATE 10/8/99 — TIME 1410

MATRIX TYPE S

SAMPLING METHOD DT

LOT CONTROL = 0 1 1 A

(Ambient Blank # - Equipment Blank # - Trip Blank # - Cooler #)

CHAIN-OF-CUSTODY = 200002

SAMPLE BEG DEPTH (FT) 19

SAMPLE END DEPTH (FT) 21

GRAB (X) COMPOSITE ( )

ENTER SAMPLE NUMBERS FOR QC SAMPLES/ BLANKS ASSOCIATED WITH THIS SAMPLE

MATRIX SPIKE (MS) —

MATRIX SPIKE DUP (SD) —

FIELD DUP (FD) —

AMBIENT BLANK (AB) —

EQUIPMENT BLANK (EB) EB100899

TRIP BLANK (TB) TB100899

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANALYSIS
(A) 8oz jar	1	Cool to 4C/HNO3 pH<2	SW6010A/SW7470A	Total Metals (App IX)
(B) 8oz jar	1	Cool to 4C	SW8080A	Pesticides/PCBs (App IX)
8oz jar	B	Cool to 4C	SW8140	Organophos Pest (App IX)
8oz jar	B	Cool to 4C	SW8150B	Herbicides (App IX)
SS Sleeve	1	Cool to 4C/HCl to pH<2	SW8260A	VOCs (App IX)
8oz jar	B	Cool to 4C	SW8270B	SVOCs (App IX)
[illegible]oz jar	1	Cool to 4C	SW8280	Total Dioxin/Furans
[illegible]oz jar	A	Cool to 4C/NaOH pH>12	SW9010A	Cyanide
8oz jar	A	Cool to 4C/NaOH pH>9, Zn Ace	SW9030	Sulfide

NOTABLE OBSERVATIONS

PID READINGS		SAMPLE CHARACTERISTICS	MISCELLANEOUS
[illegible]	0.0 ppm	COLOR	
[illegible]	//	ODOR	
		OTHER	

pH NA Temperature NA (C) Dissolved Oxygen NA (mg/L) Specific Conductivity NA (umhos/cm)

Iron NA (mg/L) Oxidation/Reduction Potential NA (mv) Turbidity NA (NTU)

GENERAL INFORMATION

WEATHER SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMPERATURE 70°

SHIPMENT VIA FEDEX X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO STL - Chicago

COMMENTS

SAMPLER R Wallace — OBSERVER M Johnston

MATRIX TYPE CODES		SAMPLING METHOD CODES	
C=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
G=GROUND WATER	SO=SOIL	BP=BLADDER PUMP	HA=HAND AUGER
L=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	BR=BRASS RING	H=HOLLOW STEM AUGER
H=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	CS=COMPOSITE SAMPLE	HP=HYDRO PUNCH
E=SEDIMENT	SW=SWAB/WIPE	C=CONTINUOUS FLIGHT AUGER	SS=SPLIT SPOON
		DT=DRIVEN TUBE	SP=SUBMERSIBLE PUMP

676 493

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA844

Sample Number: AA0155

Sample Name: BHGLTA844-SS-AA0155-REG

Sampling Method: G

Collection Date: 6/14/00

Collection Time: 0100

Start Depth: 0'

End Depth: 2'

QC Partners: Trip Blank / Rinsate / Field Blank

Sample Team: DOUG JONES

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: Soil

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
LEAD	N	A	1	8	oz.	CWM

Comments: NO STAIN, NO PROBLEMS

Sketch Location: QC AA8037

Logged By / Date:

Reviewed By / Date:

676 191

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA844

Sample Number: AA0155MS

Sample Name: BHGLTA844-SS-AA0155MS-MS

Sampling Method: G

Collection Date: 6/14/00

Collection Time: 10:00

Start Depth: 0'

End Depth: 2'

Sample Team: DOUG JONES

QC Partners: Trip Blank / Rinsate / Field Blank

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: soil

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
LEAD	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8037

Logged By / Date:

Reviewed By / Date:

676 495

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA844

Sample Number: AA0155MSD

Sample Name: BHGLTA844-SS-AA0155MSD-MSD

Sampling Method: G

Collection Date: 6/14/00

Collection Time: 10:00

Start Depth: 0'

End Depth: 2'

QC Partners:

Trip Blank

Rinsate

Field Blank

Sample Team: Dock Jones

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: Soil

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
LEAD	N	A	1	8	oz	CWM

Comments:

Sketch Location: QC AA8037

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA844

Sample Number: AA0156

Sample Name: BHGLTA844-DS-AA0156-REG

Sampling Method: 11

Collection Date: 6/14/00

Collection Time: 10:10

Start Depth: 2.5'

End Depth: 5.0'

QC Partners: Trip Blank / Rinsate / Field Blank

Sample Team: Doug Jones

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: Soil

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
LEAD	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8037

Logged By / Date:

Reviewed By / Date:

: 676 497

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA835

Sample Number: AA0153

Sample Name: BHGLTA835-SS-AA0153-REG

Sampling Method: G

Collection Date: 6-14-00

Collection Time: 10:25

Start Depth: 0'

End Depth: 2'

Sample Team: D. Torres

QC Partners:

Trip Blank

Rinsate

Field Blank

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: Soil

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
LEAD	N	A	1	8	oz	CWM
SPLP-LEAD	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8037

Logged By / Date:

Reviewed By / Date:

COC 858 676 498

IT CORPORATION
A subsidiary of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA835

Sample Number: AA0154

Sample Name: BHGLTA835-DS-AA0154-REG

Sampling Method: H

Collection Date: 6-14-00

Collection Time: 10:30

Start Depth: 3'

End Depth: 5'

QC Partners: Trip Blank / Rinsate / Field Blank

Sample Team: R. Jones

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: soil

Analytical Suite	Containers Flt	Frtn	Qty	Size	Units	Type
LEAD	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8037

Logged By / Date:

Reviewed By / Date:

676 199

IT CORPORATION
(formerly The IT Group)

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA845

Sample Number: AA0157

Sample Name: BHGLTA845-SS-AA0157-REG

Sampling Method: G

Collection Date: 6-14-00

Collection Time: 10:45

Start Depth: 0'

End Depth: 2'

Sample Team: D. JONES

QC Partners: Trip Blank / Rinsate / Field Blank

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
LEAD	N	A	1	8	oz	CWM

Comments:

Sketch Location: QC AA8037

Logged By / Date:

Reviewed By / Date:

676 500

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA845

Collection Date: 6-14-00

Collection Time: 10:50

Sample Number: AA0158

Sample Name BHGLTA845-DS-AA0158-REG

Start Depth: 3'

End Depth: 5'

Sampling Method H

QC Partners:

Trip Blank

Rinsate

Field Blank

Sample Team: D. JONES

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: soil

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
LEAD	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8037

Logged By / Date:

Reviewed By / Date:

676 501

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA846

Sample Number: AA0159

Sample Name: BHGLTA846-SS-AA0159-REG

Sampling Method: G

Collection Date: 6-14-00

Collection Time: 11:00

Start Depth: 0'

End Depth: 2'

QC Partners: Trip Blank

Rinsate

Field Blank

Sample Team: D. Jones

ERPIMS Values:

Sacode

Lot Control#:

Sample Matrix: Soil

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
LEAD	N	A	1	8	oz	CWM

Comments: NO STAIN NO PROBLEMS

Sketch Location: QC AA8037

Logged By / Date:

Reviewed By / Date:

676 502

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA846

Sample Number: AA0161

Sample Name: BHGLTA846-DS-AA0161-FD

Sampling Method: H

Collection Date: 6-14-00

Collection Time: 11:05

Start Depth: 3'

End Depth: 5'

QC Partners:

Trip Blank

Rinsate

Field Blank

Sample Team: J. JONES

ERPIMS Values:

Sacode:

Lot Control#

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
LEAD	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8037

Logged By / Date:

Reviewed By / Date:

676 503

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA816

Sample Number: AA0149

Sample Name: BHGLTA816-SS-AA0149-REG

Sampling Method: G

Collection Date: 6-14-00

Collection Time: 11:29

Start Depth: 0'

End Depth: 2'

Sample Team: D. JONES

QC Partners:

Trip Blank

Rinsate

Field Blank

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
PBCD	N	A	1	8	oz	CWM
SPLP-PBCD	N	A	1	8	oz	CWM

Comments: NO STAIN NO PROBLEMS

Sketch Location:

QC AA8037

Logged By / Date:

Reviewed By / Date:

676 504

IT CORPORATION
Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA816

Sample Number AA0150

Sample Name BHGLTA816-DS-AA0150-REG

Sampling Method. H

Collection Date: 6-14-00

Collection Time. 11:30

Start Depth. 8'

End Depth: 10'

QC Partners

Trip Blank

Rinsate

Field Blank

Sample Team: D. JONES

ERPIMS Values:

Sacode.

Lot Control#.

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
BERYLLIUM	N	A	1	8	oz	CWM
SPLP-BERYLLIUM	N	A	1	8	oz	CWM

Comments: no stain, no problems

Sketch Location: DC AA8037

Logged By / Date:

Reviewed By / Date:

676 505

IT CORPORATION
a Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA832

Sample Number: AA0152

Sample Name: BHGLTA832-DS-AA0152-REG

Sampling Method: II

Collection Date: 6-14-00

Collection Time: 11:50

Start Depth: 5'

End Depth: 10'

QC Partners: Trip Blank / Rinsate / Field Blank

Sample Team: D. Jones

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
BERYLLIUM	N	A	1	8	oz	CWM
SPLF-BERYLLIUM	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8037

Logged By / Date:

Reviewed By / Date:

676 506

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

Site: LF04, LF05, LF08 & Waste Pile 7
Location Code BHGLTA850
Sample Number: AA0166
Sample Name: BHGLTA850-DS-AA0166-REG
Sampling Method: H
QC Partners:
Trip Blank
Rinsate
Field Blank

RFA / COC Number: 472043
Collection Date: 6-14-00
Collection Time: 13:10
Start Depth: 3
End Depth: 5
Sample Team: D. Jones

ERPIMS Values:
Sacode:
Lot Control#:
Sample Matrix: soil

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
LEAD	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8037

Logged By / Date:

Reviewed By / Date:

676 507

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA848

Sample Number: AA0163

Sample Name: BHGLTA848-SS-AA0163-REG

Sampling Method: G

Collection Date: 6/6-00

Collection Time: 13:15

Start Depth 8'

End Depth: 10'

QC Partners: Trip Blank

Rinsate

Field Blank

Sample Team: D. JONES

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
BARIUM	N	A	1	8	oz	CWM

Comments:

Sketch Location:

Logged By / Date:

Reviewed By / Date:

Doc 578 676 508

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: **LF04, LF05, LF08 & Waste Pile 7**

Location Code: **BHGLTA850**

Sample Number: **AA0167**

Sample Name: **BHGLTA850-DS-AA0167-REG**

Sampling Method: **H**

Collection Date: 6-14-00

Collection Time: 13:15

Start Depth: 8'

End Depth: 10'

Sample Team: D JONES

QC Partners:

Trip Blank

Rinsate

Field Blank

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
BERYLLIUM	N	A	1	8	oz	CWM

Comments:

Sketch Location: QC AA8037

Logged By / Date:

Reviewed By / Date:

676 503

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA849

Sample Number AA0164

Sample Name: BHGLTA849-DS-AA0164-REG

Sampling Method. H

Collection Date: 6-14-00

Collection Time: 13:40

Start Depth. 3'

End Depth. 5'

QC Partners.

Trip Blank

Rinsate

Field Blank

Sample Team: D. JONES

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Analytical Suite	Containers Flt	Frtn	Qty	Size	Units	Type
LEAD	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8037

Logged By / Date:

Reviewed By / Date:

676 510

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA849

Sample Number: AA0165

Sample Name: BHGLTA849-DS-AA0165-REG

Sampling Method: H

Collection Date: 6-14-00

Collection Time: 13:45

Start Depth: 8

End Depth: 10'

Sample Team: D. JONES

QC Partners:

Trip Blank

Rinsate

Field Blank

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
BERYLLIUM	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8037

Logged By / Date:

Reviewed By / Date:

676 511

IT CORPORATION
A Member of The IT Group

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472043

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA850

Sample Number: AA0168

Sample Name: BHGLTA850-DS-AA0168-FD

Sampling Method: H

Collection Date: 6-14-00

Collection Time: 14:00

Start Depth: 0'

End Depth: 2'

QC Partners: Trip Blank / Rinsate / Field Blank

Sample Team: D. JONES

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
BERYLLIUM	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8037

Logged By / Date.

Reviewed By / Date:

676 512

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

Site LF04, LF05, LF08 & Waste Pile 7

Location Code. BHGLTA847

Sample Number AA0162

Sample Name: BHGLTA847-SS-AA0162-REG

Sampling Method: G

QC Partners: *Trip Blank* *Rinsate* *Field Blank*

RFA / COC Number: 472043

Collection Date: 6-14-00

Collection Time: 14:20

Start Depth: 0'

End Depth: 2'

Sample Team D. Jones

ERPIMS Values:

Socode:

Lot Control#.

Sample Matrix: Soil

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
BARIUM	N		1	8	oz	CWM

Comments:

Sketch Location:

QC AA8037

Logged By / Date:

Reviewed By / Date:

IT CORPORATION
A Member of The IT Group

676,513

Sample Collection Log

Project: 774902 **Carswell AFB**

Manager: Mr. Will Carter

RFA / COC Number: 472044

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: BHGLTA829

Sample Number: AA0151

Sample Name: BHGLTA829-SS-AA0151-REG

Sampling Method: G

Collection Date: 6-15-00

Collection Time: 08:45

Start Depth: 0'

End Depth: 2'

QC Partners: Trip Blank / Rinsate / Field Blank

Sample Team: R. JONES

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix: SOIL

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
CHROMIUM	N	A	1	8	oz	CWM
SPLP-CHROMIUM	N	A	1	8	oz	CWM

Comments:

Sketch Location:

QC AA8040
AA8044

Logged By / Date:

Reviewed By / Date:

676 511

HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08, UHGLTA001

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: UHGLTA001-09

SAMCODE:

MATRIX (IRPIMS): WS

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: –

LOTCTLNUM: 099A

GRAB (X) COMPOSITE ( )

DATE. 9/4/97 TIME: 11:30

	CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40mL VOA	~~4oz Glass~~	3	<4°C, HCl		SW8260A	VOCs
2L Amb	~~8oz Glass~~	2	<4°C		SW8270B	SVOCs
1L Poly	~~8oz Glass~~	1	<4°C, HNO_3		SW6010A	Metals
					SW CVAA	Hg
					GFAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: T=23.9, SAL-0.02, pH-8.64	
	Cond-0.606, Turb-29, D.O-7.4	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Redtang OBSERVER. Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 515

HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08, UHGLTA002-08

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: UHGLTA002-08

SAMCODE:

MATRIX (IRPIMS): WS

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

END DEPTH: –

LOTCTLNUM: 099A

GRAB (y) COMPOSITE ( )

DATE: 9/4/97 TIME: 11:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml ~~Glass~~ VOA	3	< 4°C, HCl		SW8260A	VOCs
1 Liter Amber ~~Glass~~	2	< 4°C		SW8270B	SVOCs
1L Poly ~~Glass~~	1	< 4°C, HNO3		SW6010A	Metals
				SW CVAA	Hg
				SW GFAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: Cond - 0.55, Turb - 18, DO - 5.15	
	T - 24.5, Sal - 0.02, pH - 8.18	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): UHGLTA003-

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: UHGLTA003-07

SAMCODE:

MATRIX (IRPIMS): WS

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH: –

LOTCTLNUM: 099A

GRAB (X) COMPOSITE ( )

DATE: 9/4/97 TIME: 10:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40mL VOA	3	<4°C, HCl		SW8260A	VOCs
1L Amber	2	<4°C		SW8270B	SVOCs
1L Poly	1	<4°C, HNO_3		SW6010A	Metals
				SWCVAA	Hg
				SWGFAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: Cond - 0.760, Turb-10, DO - 7.05	
	T = 23.0, Sal - 0.03, pH - 8.51	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Redtang OBSERVER: Eric Dambrough

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 517

HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): UHGLTA003

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: UHGLDUP09

MATRIX (IRPIMS): SE WS

SAMCODE:

DUP./REP. OF: UHGLTA003-07

SAMPLING METHOD: G

SACODE: F01

BEGINNING DEPTH: -

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (y)

END DEPTH: -

LOTCTLNUM: 099A

GRAB (X) COMPOSITE ( )

DATE: 9/4/97 TIME: 9:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml VOA	3	<4°C, HCl		SW8260A	VOCs
1L Amber	2	<4°C		SW8270B	SVOCs
1L Poly	1	<4°C, HNO3		SW6010A	Metals
				SWCVAA	Hg
				SWGFAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: SAME	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ___ OVERCAST/RAIN X WIND DRIECTION ___ AMBIENT TEMP 80

SHIPMENT VIA: FED-X X HAND DELIVER ___ COURIER ___ OTHER ___

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Redtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05, UHGLTA004-06

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: UHGLTA004-06

MATRIX (IRPIMS): WS

SAMCODE:

DUP./REP. OF:

SAMPLING METHOD: G

SACODE: N1, MS1, SD1

BEGINNING DEPTH: –

END DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES (X) NO ( )

LOTCTLNUM: 099A

GRAB (X) COMPOSITE ( )

DATE: 9/4/97 TIME: 8:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml VOA	9	<4°C, HCl		SW8260A	VOCs
1L Amber	6	<4°C		SW8270B	SVOCs
1L Poly	3	<4°C, HNO3		SW6010A	Metals
				SW CV AA	Hg
				SW GFAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: Cond-0.653, Turb-55, DO-3.7	
	Temp-28, SAL-0.02, pH-8.07	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Redfang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 519

HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): UHGLTA005

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: UHGLTA005-05

MATRIX (IRPIMS): WS

SAMCODE:

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

END DEPTH: –

LOTCTLNUM: 088A

GRAB (X) COMPOSITE ( )

DATE: 9/3/97 TIME: 12:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml VOA	3	<4°C, HCl		SW8260A	VOCs
1L Amber	2	<4°C		SW8270B	SVOCs
1L Poly	1	<4°C, HNO_3		SW6010A	Metals
				SW CVAA	Hg
				SW GFAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR:	
	OTHER: T-27.1, pH-8.39, Cond-0.487,	
	Turb-28, DO-3.12, Sal-0.02	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Lane, Tampa, FL

COMMENTS:

SAMPLER: Mike Redtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 520

HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): UHGLTA006

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: UHGLTA006-04

MATRIX (IRPIMS): WS

SAMCODE:

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: –

LOTCTLNUM: 088A

GRAB (X) COMPOSITE ( )

DATE: 9/3/97 TIME: 12:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml VOA	3	<4°C, HCl		SW8260A	VOCs
1 Lit Amber	2	<4°C		SW8270B	SVOCs
1L Poly	1	<4°C, HNO_3		SW6010A	Metals
				SW CVAA	Hg
				SW GFAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: Temp-26.6, pH-8.38, Cond-0.706,	
	Turb-22, DO-8.19, Sal-0.03%	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 521

HYDRO GeoLogic Inc

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): UHGLTA007

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: UHGLTA007-02

MATRIX (IRPIMS): WS

SAMCODE:

SAMPLING METHOD: G

DUP./REP. OF: N/A

BEGINNING DEPTH: –

SACODE: N1

END DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

LOTCTLNUM: 088A

GRAB (x) COMPOSITE ( )

DATE: 9/3/97 TIME: 10:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml VOA	3	<4°C, HCl		SW8260A	VOCs
1L Amber	2	<4°C		SW8270B	SVOCs
1L Poly	1	<4°C, HNO_3		SW6010A	Metals
				SW CVAA	Hg
				SW GFAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: Temp-21.6, pH-7.30, Cond-0.848,	
	DO-2.94, Sal-0.00	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): UHGLTA009

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: UHGLTA009-03

SAMCODE:

MATRIX (IRPIMS): WS

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: –

LOTCTLNUM: 038A

GRAB (X) COMPOSITE ( )

DATE: 9/3/97 TIME: 11:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml VOA	3	<4°C, HCl		SW8260A	VOCs
1L Amber	2	<4°C		SW8270B	SVOCs
1L Poly	1	<4°C, HNO3		SW 6010A	Metals
				SW CVAA	Hg
				SW GFAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: Temp=29.4, pH-8.42, Cond-0.600	
	Turb=263, DO-7.0, SAL-0.02	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): ~~[illegible]~~

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: VHGLTA010-01

SAMCODE:

MATRIX (IRPIMS): WS

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH: –

LOTCTLNUM: 088A

GRAB (X) COMPOSITE ( )

DATE: 9/3/97 TIME: 9:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml VOA	3	<4°C, HCl		SW8260A	VOCs
1L Amber	2	<4°C		SW8270B	SVOCs
1L Poly	1	~4°C, HNO_3		SW 6010A	Metals
				SW CVAA	Hg
				SW GFAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: Sal-0, pH-6.9, Cond-0.771, Turb=0	Flow ≈ 5gpm
	Temp = 20.4, DO = 0.41	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKWY, Tampa, FL

COMMENTS:

SAMPLER: Mike Redtang OBSERVER: Eric Dambrough

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JRB

SITE (SITEID): LF04, UHGLTA011

LOGCODE:

SAMPLE INFORMATION

SAMPLE ID: UHGLTA011-10

SAMCODE:

MATRIX (IRPIMS): WS

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: -

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: -

LOTCTLNUM: 099A

GRAB (X) COMPOSITE ( )

DATE: 9/4/97 TIME: 14:00

CONTAINER SIZE/TYPE	CONTAINER #	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml VOA	3	<4°C, HCl		SW8260A	VOCs
1L Amber	2	<4°C		SW8270B	SVOCs
1L Poly	1	<4°C, HNO3		SW 6010A	Metals
				SWCVAA	Hg
				SWGFAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: Temp-23.3, Sal-0.02, pH-7.65	
	Cond-0.1635, Turb-18, DO-3.07	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID):

LOGCODE: HG-L

SAMPLE INFORMATION

SAMPLE ID: UHGLTA012-11

MATRIX (IRPIMS): WS

SAMCODE:

SAMPLING METHOD: G

DUP./REP. OF: N/A

BEGINNING DEPTH: –

SACODE: N1

END DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

LOTCTLNUM: 099A

GRAB (X) COMPOSITE ( )

DATE: 9/4/97 TIME: 14:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40 ml VOA	3	<4°C, HCl		SW8260A	VOCs
1 L Amber	2	<4°C		SW8270B	SVOCs
1 L Poly	1	<4°C, HNO_3		SW 6010A	Metals
				SW CVAA	Hg
				SW G-FAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: No reading (Insufficient water)	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Redtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID):

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: VHGLDUP03

SAMCODE:

MATRIX (IRPIMS): WS

DUP./REP. OF: VHGLTA012-01

SAMPLING METHOD: G

SACODE: F01

BEGINNING DEPTH: -

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (✓)

END DEPTH: -

LOTCTLNUM: 099A

GRAB (X) COMPOSITE ( )

DATE: 9/4/97 TIME: 15:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml VOA	3	<4°C, HCl		SW8260A	VOCs
1L Amber	2	<4°C		SW8270B	SVOCs
1L Poly	1	<4°C, HNO_3		SW6010A	Metals
				SWCVAA	Hg
				SWGFAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CR5WL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08 - EHGLTA001

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: EHGLTA001-09

MATRIX (IRPIMS): SE

SAMCODE:

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: —

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

END DEPTH: —

LOTCTLNUM: 099A

GRAB (x) COMPOSITE ( )

DATE: TIME: 11:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SW CVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS		
PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: ~~T=23.9°C, Sal=0.02, pH 8.64, Cond 0.606~~	
	~~Turb=29, DO=7.84~~	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN X WIND DRIECTION _____ AMBIENT TEMP 80

SHIPMENT VIA: FED-X X HAND DELIVER _____ COURIER _____ OTHER _____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER: Mike Rodtang

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BR=BRASS RING	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	CS=COMPOSITE SAMPLE	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	C=CONTINUOUS FLIGHT AUGER	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAP\WIPE	DT=DRIVEN TUBE	SS=SPLIT SPOON
		W=SWAB\WIPE	SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF08 → EHGLTA002

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: EHGLTA002-08

MATRIX (IRPIMS): SE

SAMCODE:

SAMPLING METHOD: G

DUP./REP. OF: N/A

BEGINNING DEPTH: —

SACODE: N1

END DEPTH: —

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (Y)

LOTCTLNUM: 099A

GRAB (X) COMPOSITE ( )

DATE: 9/4/97 TIME: 11:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SWCVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER: ~~Cond 0.55, Turb 18, DO 5.15~~	
	~~T = 24.5°, SAL 0.02, pH = 8.18~~	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP. 80

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER: Mike Rodtang

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05 → EHGLTA003

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: EHGLTA003-07

MATRIX (IRPIMS): SE

SAMCODE:

SAMPLING METHOD: G

DUP./REP. OF: N/A

BEGINNING DEPTH: –

SACODE: N1

END DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

LOTCTLNUM: 099A

GRAB (X) COMPOSITE ( )

DATE: 9/3/97 TIME: 10:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SW CVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION W AMBIENT TEMP 80°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05 , EHGLTA003

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID. EHGLDUP10

MATRIX (IRPIMS): SE

SAMCODE:

DUP./REP. OF: EHGLTA003-07

SAMPLING METHOD: G

SACODE: FD1

BEGINNING DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: –

LOTCTLNUM: 099A

GRAB (x) COMPOSITE ( )

DATE: 9/4/97 TIME: 9:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR	
2nd	ODOR	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION W AMBIENT TEMP 80°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSW1

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF05, EHGLTA004

LOGCODE:

SAMPLE INFORMATION

SAMPLE ID: EHGLTA004-06

MATRIX (IRPIMS): SE

SAMCODE:

SAMPLING METHOD: G

DUP./REP. OF :

SACODE: NI, MSI, SD1

BEGINNING DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES (X) NO ( )

END DEPTH: –

LOTCTLNUM: 099A

GRAB (x) COMPOSITE ( )

DATE: 9/4/97 TIME: 8:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	3	<4°C		SW8260A	VOCs
8oz Glass	3	↓		SW8270B	SVOCs
8oz Glass	3			SW6010A	Metals
				SW CVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR.	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION N AMBIENT TEMP 80

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Redtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): EHGLTA005

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: EHGLTA005-05

MATRIX (IRPIMS): SE

SAMCODE:

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: -

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: -

LOTCTLNUM: 088A

GRAB (X) COMPOSITE ( )

DATE: 9/3/97 TIME: 12:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40z Glass	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1			SW6010A	Metals
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90°F

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): EHGLTA006

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: EHGLTA006-04

SAMCODE:

MATRIX (IRPIMS): SE

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: ~

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO ( )

END DEPTH: ~

LOTCTLNUM: 088A

GRAB (x) COMPOSITE ( )

DATE: 9/3/97 TIME: 12:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW 8260A	VOCs
8oz Glass	1	↓		SW 8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SW CV AA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JRB

SITE (SITEID): EHGLTA007

LOGCODE:

SAMPLE INFORMATION

SAMPLE ID: EHGLTA007-02

SAMCODE:

MATRIX (IRPIMS): SE

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: -

END DEPTH: -

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

LOTCTLNUM. 088A

GRAB (X) COMPOSITE ( )

DATE: 9/3/97 TIME: 10:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz GLASS	1	<4°C		SW8260A	VOCs
8oz GLASS	1	↓		SW8270B	SVOCs
8oz GLASS	1			SW6010A	Metals
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): EHGLTA009

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: EHGLTA009-03

MATRIX (IRPIMS): SE

SAMCODE:

SAMPLING METHOD: G

DUP./REP. OF: N/A

BEGINNING DEPTH: -

SACODE: N1

END DEPTH: -

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

LOTCTLNUM: 088A

GRAB (X) COMPOSITE ( )

DATE: 9/3/97 TIME: 11:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz GLASS	1	<4°C		SW8260A	VOCs
8oz GLASS	1	↓		SW8270B	SVOCs
8oz GLASS	1	↓		SW6010A	METALS
				SW CVAA	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge PKwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): EHGLTA010-01

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: EHGLTA010-01

MATRIX (IRPIMS): SE

SAMCODE:

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: -

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: -

LOTCTLNUM: 088A

GRAB (X) COMPOSITE ( )

DATE: 9/3/97 TIME: 9:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz GLASS	1	<4°C		SW8260A	VOCs
8oz GLASS	1	↓		SW8270B	SVOCs
8oz GLASS	1			SW 6010A	Metals
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER.	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF04 → EHGLTA011-

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: EHGL TA011-10

MATRIX (IRPIMS): SE

SAMCODE:

SAMPLING METHOD: G

DUP./REP. OF: N/A

BEGINNING DEPTH: -

SACODE: N1

END DEPTH: -

MATRIX SPIKE/MATRIX SPIKE DUPLICATE YES ( ) NO (X)

LOTCTLNUM. 099A

GRAB (X) COMPOSITE ( )

DATE: 9/4/97 TIME: 14:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz GLASS	1	<4°C		SW8260A	VOCs
8oz GLASS	1	↓		SW 8270B	SVOCs
8oz GLASS	1			SW 6010A	Metals
				SW CVAA	Hg
				SW 6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

HYDRO GeoLogic

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): EHGLTA012

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: EHGLTA012-11

MATRIX (IRPIMS): SE

SAMCODE:

DUP./REP. OF: N/A

SAMPLING METHOD: G

SACODE: N1

BEGINNING DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: –

LOTCTLNUM: 099A

GRAB (X) COMPOSITE ( )

DATE: 9/4/97 TIME: 14:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW8260A	VOCs
8oz Glass	1	↓		SW8270B	SVOCs
8oz Glass	1	↓		SW6010A	Metals
				SW7470A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP: 85

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Redtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): EHGLTA012

LOGCODE:

SAMPLE INFORMATION

SAMPLE ID: EHGLDAP04

MATRIX (IRPIMS): SE

SAMCODE:

SAMPLING METHOD: G

DUP./REP. OF: EHGLTA TA012-11

SACODE: FD1

BEGINNING DEPTH: —

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: —

LOTCTLNUM: 099A

GRAB (X) COMPOSITE ( )

DATE: 9/4/97 TIME: 15:00

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
4oz Glass	1	<4°C		SW8260A	VOCs
8oz Glass	1	<4°C		SW8270B	SVOCs
8oz Glass	1	<4°C		SW6010A	Metals
				SW6010A	Hg
				SW6010A	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP 85

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Mike Rodtang OBSERVER: Eric Dambaugh

MATRIX TYPE CODES		SAMPLING METHOD CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	G=GRAB
WG=GROUND WATER	SO=SOIL	BR=BRASS RING	HA=HAND AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	CS=COMPOSITE SAMPLE	H=HOLLOW STEM AUGER
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	C=CONTINUOUS FLIGHT AUGER	HP=HYDRO PUNCH
SE=SEDIMENT	SW=SWAP\WIPE	DT=DRIVEN TUBE	SS=SPLIT SPOON
		W=SWAB\WIPE	SP=SUBMERSIBLE PUMP

1676.510

HYDRO GeoLogic Inc.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): HGL-01

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: WHGLTA003-01

SAMCODE:

MATRIX (IRPIMS): WG

DUP./REP. OF: N/A

SAMPLING METHOD: EZ

SACODE: N1

BEGINNING DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: –

LOTCTLNUM: 01010A

GRAB (X) COMPOSITE ( )

DATE: 7/5/9 TIME: 15:40

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml VOA	3	<4°C, HCl		SW8260A	VOCs
1L Amber	2	<4°C		SW8270B	SVOCs
1L Poly	1	<4°C, HNO3		SW6010A	Metals
				SW CVAA	Hg
				SW GFAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR:	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 95°

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO Geologic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF04 , LF04-4R

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: ~~WHGLFA048-0~~ LF04-4B WG01

MATRIX (IRPIMS): WG

SAMCODE:

DUP./REP. OF :

SAMPLING METHOD: E2

SACODE: N1

BEGINNING DEPTH: -

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (x)

END DEPTH: -

LOTCTLNUM: 01111A

GRAB (x) COMPOSITE ( )

DATE: 9/8/97 TIME: 10:30

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml VOA	3	<4°C, HCl		SW8260A	VOCs
1L Amber	2	<4°C		SW8270B	SVOCs
1L Poly	1	<4°C, HNO_3		SW6010A	Metals
				SW7470A	Hg
				SW7841A	Pb

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: See Purging Form	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DRIECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FED-X ____ HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER: Ken Hurley

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSW1

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF04, LF04-04

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: ~~WHGLTA0C4-01~~ LF04-04WG01

MATRIX (IRPIMS): WG

SAMCODE:

SAMPLING METHOD: E2

DUP./REP. OF: N/A

SACODE: N1

BEGINNING DEPTH: -

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: -

LOTCTLNUM: 01111A

GRAB (X) COMPOSITE ( )

DATE: 9/8/97 TIME: 14:50

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml VOA	3	<4°C, HCl		SW8260A	VOCs
1L Amber	2	<4°C		SW8270B	SVOCs
1L Poly	1	<4°C, HNO_3		SW6010A	Metals
				SW CVAA	Hg
				SW GFAA	As

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: See Purge Form	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JR B

SITE (SITEID): LF04-4B

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: ~~WHGLTADUP05~~ LF04-04 DUP05

SAMCODE:

MATRIX (IRPIMS): WG

DUP./REP. OF: ~~WHGLFA004-04~~ LF04-04WG01

SAMPLING METHOD: EZ

SACODE: ~~SP~~ F01

BEGINNING DEPTH: –

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES ( ) NO (X)

END DEPTH: –

LOTCTLNUM: 01111A

GRAB (X) COMPOSITE ( )

DATE: 9/8/97 TIME: 15:20

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml VOA	3	<4°C, HCl		SW8260A	VOCs
1L Amber	2	<4°C		SW8270B	SVOCs
1L Poly	1	<4°C, HNO3		SW6010A	Metals
				SNCVAA	Hg
				SWGFAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: See Purging Form	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DRIECTION ____ AMBIENT TEMP 90

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Ken Hurley OBSERVER: Eric Dambaugh

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

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HYDRO GeoLogic INC.

FIELD SAMPLING REPORT

LOCATION (AFIID): CRSWL

PROJECT (LOCID): NAS Fort Worth JRB

SITE (SITEID): LF05? WHGLTA002

LOGCODE: HGL

SAMPLE INFORMATION

SAMPLE ID: WHGLTA002-01, MS, MSD

SAMCODE:

MATRIX (IRPIMS): WG

DUP./REP. OF: SAME

SAMPLING METHOD: E2

SACODE: NI, SO1, MS1

BEGINNING DEPTH: —

MATRIX SPIKE/MATRIX SPIKE DUPLICATE
YES (X) NO ( )

END DEPTH: —

LOTCTLNUM: 01313A

GRAB (X) COMPOSITE ( )

DATE: 9/10/97 TIME: 9:45

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	EXTRACTION METHOD	ANALYTICAL METHOD	ANALYSIS
40ml VOA	9	<4°C, HCl		SW8260A	VOCs
1L Amber	6	<4°C		SW8270B	SVOCs
1L Poly	3	~4°C, HNO3		SW6010A	Metals
				SWCVAA	Hg
				SWGFAA	Ag

NOTABLE OBSERVATIONS

PID READINGS	SAMPLE CHARACTERISTICS	MISCELLANEOUS
1st	COLOR: See Well Purging Form	
2nd	ODOR:	
	OTHER:	

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 85

SHIPMENT VIA: FED-X X HAND DELIVER ____ COURIER ____ OTHER ____

SHIPPED TO: Quanterra Lab, 5910 Breckinridge Pkwy, Tampa, FL

COMMENTS:

SAMPLER: Eric Dambaugh OBSERVER: Ken Hurley

MATRIX TYPE CODES

DC=DRILL CUTTINGS
WG=GROUND WATER
LH=HAZARDOUS LIQUID WASTE
SH=HAZARDOUS SOLID WASTE
SE=SEDIMENT
SL=SLUDGE
SO=SOIL
GS=SOIL GAS
WS=SURFACE WATER
SW=SWAP\WIPE

SAMPLING METHOD CODES

B=BAILER
BR=BRASS RING
CS=COMPOSITE SAMPLE
C=CONTINUOUS FLIGHT AUGER
DT=DRIVEN TUBE
W=SWAB\WIPE
G=GRAB
HA=HAND AUGER
H=HOLLOW STEM AUGER
HP=HYDRO PUNCH
SS=SPLIT SPOON
SP=SUBMERSIBLE PUMP

676 545

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160008

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: WHGLTA703

Sample Number: AA3008

Sample Name: WHGLTA703-GW-AA3008-REG

Sampling Method: SP

Collection Date: 1-6-00

Collection Time: 12:20

Start Depth: 19.32' | TD 28.77

End Depth: 19.37'

Sample Team: D. Jones, B. Nielsen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-OPP	N	D	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume L
			10%	10%	3%	<10	10%	<1°	
	11:34	19.38	140.6	6.47	831.00	18.6	3.02	19.30	.11
	11:37	19.37	99.5	6.49	822	25.0	2.24	19.47	.44
	11:40	19.37	80.3	6.55	828	25.7	2.07	19.89	.77
	11:43	19.37	75.4	6.56	832	23.9	1.91	20.17	1.10
	11:46	19.37	71.1	6.54	821	18.5	1.85	19.84	1.43
	11:49	19.37	71.3	6.58	817	15.85	1.85	19.28	1.76
	11:52	19.37	71.7	6.58	813	15.83	1.88	19.16	2.09
	11:55	19.37	71.9	6.58	813	14.65	1.85	19.13	2.42
	11:58	19.37	73.1	6.59	810	13.1	1.85	19.00	2.75
Sample:									
	12:01	19.37	72.5	6.59	809	12.1	1.85	18.94	3.08
	12:03	19.37	72.7	6.60	807	11.5	1.85	18.89	3.42
	12:07	19.37	73.6	6.60	806	10.1	1.84	18.80	3.75
	12:10	19:37	76.2	6.60	805	9.8	1.89	18.85	4.08
	12:14	19:37	75.4	6.60	807	8.7	1.94	18.94	4.42
	12:17	19.37	75.7	6.60	807	8.8	1.88	18.94	
Sample	12:20	19.37	75.7	6.60	807	8.8	1.88	18.94	

Logged BY / Date: Doug Jones 1-6-00

Reviewed BY / Date:

Sample Field Data Sheet

676 516

EMCON

Project No 774902 Task No.. Sample ID WHOLTA703-GW

Purged By: D. JONES B. NIELSEN Site Name. AA7008 REG

Sampled By D. JONES B. NIELSEN Location: CARSWELL AFB FT WORTH TX

Type: Ground Water ☒ Surface Water ___ Treatment Effluent ___ Other ___

Casing Diameter (inches): (2) 3 4 4.5 6 Other

Casing Elevation (feet/MSL): ___ Volume in Casing (gal): LOW FLOW

Depth to Water before Purge (feet): 19.32 Calculated Purge (gal): Low Flow Purge

Depth of Well (feet). 28.77 Actual Purge (Liters) 9.02 L

Depth to Water at End of Purge (feet). 19.37 Depth to Water at Sampling (feet): 19.37

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 1-6-00 Start 10:30 End: 12:20

Date Sampled: 1-6-00 Start 12:20 End: 12:00

Time	Volume (gal)	pH (Units)	Specific Conductance (µS/cm @ 25° C/77°F)	ORP	Temp. (°C)	DO (mg/L)	Color (Visual)	Turbidity (NTU)
	START							
	Please see sheet #2							
12:20	SAMPLE	6.60	807		18.94	1.88	.11	8.8

Odor at Sample: NO Head Space Reading N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
☒ Well Wizard ___ Dedicated
Other: ___

Sampling Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
☒ Well Wizard ___ Dedicated
Other: ___

Well Integrity Good Lock # NONE

Remarks: NO PIP
SET TOP OF PUMP AT 21.00'

Weather at purge SUNNY 55° W @ 5mph Weather at sample: SAME

Meter Calibration at purge: Date 1-6-00 Time: 9:00 Meter Serial # 123K Temperature: ___ °F

(SC 1413 966 / 1000) (pH 7 6.76 / 7.0) (pH 10 ___ / ___) (pH 4 3.60 / 4.00)

Location of previous calibration: OFFICE

Meter Calibration at sample Date 1-6-00 Time: SAME Meter Serial # 123K Temperature. ___ °F

(SC 1413 ___ / ___) (pH 7 ___ / ___) (pH 10 ___ / ___) (pH 4 ___ / ___)

Location of previous calibration: OFFICE

Signature [signature] Reviewed By ___ Page 1 of 2

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INTERNATIONAL TECHNOLOGY CORPORATION

676 547

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160011

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: LF05-02

Sample Number: AA3018

Sample Name: LF05-02-GW-AA3018-REG

Sampling Method: SP

Collection Date: 6-6-00

Collection Time: 14:10

Start Depth: 27.09

End Depth: Below the top of the pump

Sample Team: D. Jones, B. Nielsen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume L
			10	10	3%	<10	10	<1	
	12:36		-29.7	6.76	878	64	1.09	18.16	4.70
	12:39	1	-29.9	6.77	877	80	1.05	18.29	5.05
	12:42		-32.3	6.77	872	94	1.01	18.30	5.40
	12:45		-33.3	6.78	868	58	1.10	18.54	5.75
	12:48		-34.1	6.79	864	38	1.00	18.60	6.10
	12:51		-34.8	6.80	859	44	.97	18.75	6.45
	12:54		-36.8	6.79	857	73	.95	18.87	6.80
	12:57		-38.4	6.81	852	60	0.94	18.99	7.15
	13:00		-39.3	6.81	848	53	.94	18.98	7.50
	13:03		-39.8	6.81	844	50	.93	19.04	7.85
	13:06		-41.2	6.83	835	43	.91	18.98	8.20
	13:09		-42.0	6.83	832	70	.91	18.87	8.55
	13:12		-41.2	6.83	829	56	.89	18.87	8.90
	13:15		-42.1	6.81	827	38	.89	18.90	9.25
	13:18		-42.6	6.84	825	41	.89	18.96	9.60
	13:21		-43.8	6.85	823	30	.88	18.98	9.95
	13:24								

Please see Back

Logged BY / Date:

Reviewed BY / Date:

Sample Field Data Sheet

676 548

EMCON

Project No: 74902 Task No.: Sample ID: LFD5-02-GW AA3018

Purged By: D. JONES B. NIELSON Site Name: CARSWELL AFB

Sampled By: D. JONES B. NIELSON Location: FT WORTH, TX

Type: Ground Water (X) Surface Water ____ Treatment Effluent ____ Other: ____

Casing Diameter (inches): (2) 3 4 4.5 6 Other

Casing Elevation (feet/MSL): ____ Volume in Casing (gal): Low Flow ~~Low~~ Purge

Depth to Water before Purge (feet): 27.09 Calculated Purge (gal): Low F ____

Depth of Well (feet): 29.69 (2.6, 25.39 TOP) Actual Purge Liters 14.5L

Depth to Water at End of Purge (feet): Below Top of Pump Depth to Water at Sampling (feet): Below the Top of Pump

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 1-7-00 Start: 12:00 End: 14:10

Date Sampled: 1-7-00 Start: 1410 End: 1445

Time	Volume (Liters)	pH (Units)	Specific Conductance (µS/cm @ 25° C/77°F)	ORP	Temp. C	DO (mg/L)	Water Depth	Turbidity (NTU)
12:15	START	6.59	929	-20.9	18.10	1.49	22.25	112.3
12:19	2.9	6.65	929	-28.7	18.24	1.29	22.25	84.0
12:21	2.85	6.71	891	-26.8	17.52	1.33	22.25	84.0
12:24	3.20	6.71	912	-28.9	18.53	1.21	22.25	85.2
12:27	3.65	6.71	909	-31.5	18.34	1.14	22.25	93.0
12:30	4.00	6.74	882	-30.2	17.63	1.14	22.25	99.0
12:33	4.35	6.74	885	-28.4	18.00	1.16	22.25	69.0
			see Page 2					

Flow Rate: .175, .015, .011

Odor at Sample: ____ Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment: ____ Disposable Bailer ____ Bailer (PVC) ____ Peristaltic Pump ____ Bailer (Teflon) ____ Submersible Pump ____ Bailer (S Steel) (X) Well Wizard ____ Dedicated Other: ____

Sampling Equipment: ____ Disposable Bailer ____ Bailer (PVC) ____ Peristaltic Pump ____ Bailer (Teflon) ____ Submersible Pump ____ Bailer (S Steel) (X) Well Wizard ____ Dedicated Other: ____

Well Integrity: Good Lock #: ____

Remarks: water Level is Below the top of the pump
A very High Fe2 content, we could not get the Turbidity to drop below 10 NTU.
Set the top of the pump @ 25.39
Raining during the sampling

Weather at purge: overcast 55° NE @ 5mph Weather at sample: Rain 50° 10mph N

Meter Calibration at purge: Date: 1-7-00 Time: 8:40 Meter Serial # 128K Temperature: ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: Office

Meter Calibration at sample: Date: 1-7-00 Time: 8:40 Meter Serial # 128K Temperature: ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: Office

Signature: Doug Jones Reviewed By: ____ Page 1 of 2

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676 549

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160012

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: WHGLTA004

Sample Number. AA3014

Sample Name: WHGLTA004-GW-AA3014-REG

Sampling Method: SP

Collection Date: 1-10-00

Collection Time: 9:30

Start Depth: Below pump

End Depth: Below pump

Sample Team: D. JONES, B. NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

10% 10% 3% <10 10% <1°C

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sample:	9:30								

Logged BY / Date: _____

Reviewed BY / Date: _____

EMCON

676 550

Project No 774902 Task No.. Sample ID. WHGLTA004-AA30M

Purged By: D. JONES B. NIELSEN Site Name: CARSWELL AFB

Sampled By D. JONES B. NIELSEN Location: FT WORTH, TX

Type: Ground Water ____ Surface Water ____ Treatment Effluent ____ Other: ____

Casing Diameter (inches): (2) 3 4 4.5 6 Other

Casing Elevation (feet/MSL): ____ Volume in Casing (gal): LOW FLOW

Depth to Water before Purge (feet): Below top of pump 18.17 Calculated Purge (gal): LOW FLOW

Depth of Well (feet): No available Actual Purge (Liter): .6

Depth to Water at End of Purge (feet): below the pump Depth to Water at Sampling (feet): Below top of the pump

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 1-10-00 Start: 8:30 End: 9:30

Date Sampled: 1-10-00 Start: 9:30 End: 9:40

Time	Volume (Liter)	pH (units)	Specific Conductance (µS/cm @ 25° C/TF)	ORP	Temp. (C)	DO (mg/L)	Liter Flow	Turbidity (NTU)
8:58	START	6.67	791	336	18.01	2.26	.1	8.4
9:00	.2	6.77	802	327	18.71	1.63	.1	7.6
9:03	.3	6.79	801	323	18.69	1.55	.1	6.7
9:06	.4	6.82	799	321	18.60	1.46	.1	5.6
9:09	.5	6.53	797	315	18.54	1.39	.1	4.0
9:12	.6	6.95	802	310	18.89	1.35	.1	3.6
9:30	SAMPLE	6.95	802	310	18.89	1.35		3.6

Odor at Sample: NO Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
(X) Well Wizard (X) Dedicated
Other: ____

Sampling Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
(X) Well Wizard (X) Dedicated
Other: ____

Well Integrity: Lock # NONE

Remarks: PID - 12.5

Refill 3 SCC Blank 3 SCC

Weather at purge clear 45° 5mph NW Weather at sample clear 55°

Meter Calibration at purge. Date 1-10-00 Time: 7:30 Meter Serial # 129K Temperature: ____ °F

(SC 1413 1129 / 1009) (pH 7 6.83 / 7.00) (pH 10 ____ / ____) (pH 4 4.06 / 4.01)

Location of previous calibration: OFFICE

Meter Calibration at sample. Date 1-10-00 Time: ____ Meter Serial # 129K Temperature: ____ °F

(SC 1413 ____ / ____) (pH 7 ____ / ____) (pH 10 ____ / ____) (pH 4 ____ / ____)

Location of previous calibration

Signature: Douglas Jones Reviewed By: ____

2

INTERNATIONAL TECHNOLOGY CORPORATION

676 551

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number 160012

Site. LF04, LF05, LF08 & Waste Pile 7

Location Code WHGLTA801

Sample Number: AA3015

Sample Name: WHGLTA801-GW-AA3015-REG

Sampling Method SP

Collection Date. 1-10-00

Collection Time. 10:20

Start Depth: 9.34

End Depth. Below the top of the pump

Sample Team: D. Jones, B. Nielsen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sample:	10:20								

Logged BY / Date: _____

Reviewed BY / Date: _____

EMCON

676 552

Project No.: 774902 Task No.:

Purged By: D. JONES B. NICISCH

Sampled By: D. JONES B. NICISCH

Sample ID: WHGLTA801-GW-BA3015

Site Name: CARSWELL AFB

Location: FT WORTH, TX

Type: Ground Water (X) Surface Water ____ Treatment Effluent ____ Other: ____

Casing Diameter (inches): (2) 3 4 4.5 6 Other

Casing Elevation (feet/MSL): ____

Depth to Water before Purge (feet): 9.34

Depth of Well (feet): 17.95

Depth to Water at End of Purge (feet): Below Top of Pump

Volume in Casing (gal): LOW Flow Purge

Calculated Purge (gal): LOW Flow Purge

Actual Purge (gal): LITER .75

Depth to Water at Sampling (feet): SAME

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 1-10-00 Start: 9:50 End: 10:20

Date Sampled: 1-10-00 Start: 10:20 End: 10:40

Time	Volume (gal)	pH (Units)	Specific Conductance (uS/cm @ 25° C/TTF)	ORP	Temp. (°C)	DO (mg/L)	Flow Rate (L/min)	Turbidity (NTU)
9:55	START	6.92	799	309	17.90	3.67	.15	23.2
9:58	.27	6.93	797	304	18.28	3.05	.12	18.5
10:01	.39	6.91	805	301	18.56	2.70	.12	12.2
10:04	.51	6.91	809	295	18.79	2.46	.12	9.4
10:07	.63	6.91	815	290	19.19	2.35	.12	7.2
10:10	.75	6.91	817	282	19.38	2.32	.12	5.4
10:13								
10:20	SAMPLE							

Odor at Sample: ____ Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
(X) Well Wizard ____ Dedicated
Other: ____

Sampling Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
(X) Well Wizard ____ Dedicated
Other: ____

Well Integrity: Good Lock #: None

Remarks: PID-0.0

Set the top of the pump @ 8.59
Disch 3 sec Refill 3 sec

Weather at purge: clear 60° 5mph NW Weather at sample: clear 60° 5mph NW

Meter Calibration at purge: Date: 1-10-00 Time: 7:30 Meter Serial #: 128K Temperature: ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Meter Calibration at sample: Date: 1-10-00 Time: 7:30 Meter Serial #: 128K Temperature: ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration:

Signature: Doug Jones Reviewed By: ____

1 of 2

676 553

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160012

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: WHGLTA803

Sample Number: AA3016

Sample Name: WHGLTA803-GW-AA3016-REG

Sampling Method: SP

Collection Date: 1-10-00

Collection Time: 11:35

Start Depth: 9.04

End Depth: Below Top of pump

Sample Team: DOUG JONES, BRAD WIEISEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (Liters)
	11:27		252	7.04	735	6.6	3.50	19.59	1.0
	11:30	Below Pump	252	7.04	733	5.8	3.53	19.51	1.1
	11:35	Sampled	'	'	'	'	'	'	'
Sample:	11:35								

Logged BY / Date: _____

Reviewed BY / Date: _____

EMCON

676 551

Project No 774902 Task No. Sample ID WHGLTA303-GW-AA3016 RC

Purged By: D JONES BRAD NIELSEN Site Name: CARSWELL AFB

Sampled By: D JONES BRAD NIELSEN Location: FT WORTH, TX

Type: Ground Water ☑ Surface Water ___ Treatment Effluent ___ Other: ___

Casing Diameter (inches): ☑ 2 3 4 45 6 Other

Casing Elevation (feet/MSL): ___ Volume in Casing (gal): Low Flow Purge

Depth to Water before Purge (feet): 9.04 Calculated Purge (gal): Low Flow Purge

Depth of Well (feet) 12.30 Actual Purge (gal): LITERS 1.1

Depth to Water at End of Purge (feet): Below Top of Pump Depth to Water at Sampling (feet): BELOW Top of Pump

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 1-10-00 Start 10:50 End: 11:35

Date Sampled: 1-10-00 Start 11:35 End: 12:34

Time	Volume (LITERS)	pH (Units)	Specific Conductance (uS/cm @ 25° C/TTF)	ORP	Temp. (C)	DO (mg/L)	FLOW RATE (Gal/min)	Turbidity (NTU)
11:03	START	7.06	716	273	18.86	2.99	.1	31.6
11:06	.4	7.04	733	268	19.55	3.08	.1	49.4
11:09	.5	7.04	735	264	19.55	3.27	.1	43.1
11:12	.6	7.04	735	263	19.70	3.27	.1	27.5
11:15	.7	7.04	735	261	19.66	3.37	.1	22.5
11:19	.8	7.04	736	257	19.60	3.43	.1	15.8
11:21	.9	7.05	736	256	19.56	3.43	.1	12.8
11:24		7.04	735	255	19.67	3.51	.1	9.7

Odor at Sample: NO Head Space Reading: N/A

Field QC samples collected at this well: NONE

Parameters field filtered at this well: NO

Purging Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
☑ Well Wizard ___ Dedicated
Other: ___

Sampling Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
☑ Well Wizard ___ Dedicated
Other: ___

Well Integrity: Good Lock #: NONE

Remarks: PID-0.0

Top of Pump set at 7.67

Weather at purge: clear 60° 5mph SW Weather at sample: clear 60° 5mph SW

Meter Calibration at purge Date: 1-10-00 Time: 7:30 Meter Serial #: 128K Temperature: ___ °F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Meter Calibration at sample Date: 1-10-00 Time: 7:30 Meter Serial #: 128K Temperature: ___ °F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Signature: Douglas Jones Reviewed By: ___

676 555

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160012

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: FT08-11A

Sample Number: AA3017

Sample Name: FT08-11A-GW-AA3017-REG

Sampling Method: SP

Collection Date: 1-10-00

Collection Time: 14:40

Start Depth: 13.95'

End Depth: below the top of the pump

Sample Team: DOUG JONES, BRAD NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-OPP	N	D	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
	14:00		284	6.87	979	8.5	4.11	21.33	.95
	14:03		286	6.87	983	7.8	3.84	21.28	1.05
	unable	SAMPLED							
Sample:	14:40								

Logged BY / Date: _____

Reviewed BY / Date: _____

676 556

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160012

Site. LF04, LF05, LF08 & Waste Pile 7

Location Code. FT08-11A

Sample Number. AA3017MS

Sample Name: FT08-11A-GW-AA3017MS-MS

Sampling Method. SP

Collection Date: 1-10-00

Collection Time: 14:40

Start Depth: 13.95

End Depth: Below top of Pump

Sample Team: DOUG JONES, BRAD NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
✓ APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-OPP	N	D	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
			12%	10%	3%	<10	10%	6.1°C	
see	pages	1 & 2							
Sample:	14:40								

Logged BY / Date: _____

Reviewed BY / Date: _____

676 557

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160012

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: FT08-11A

Sample Number: AA3017MSD

Sample Name: FT08-11A-GW-AA3017MSD-MSD

Sampling Method: SP

Collection Date: 1-10-00

Collection Time: 14:40

Start Depth: 13.95'

End Depth: Below the top of pump

Sample Team: DOUG JONES, BRAD NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-OPP	N	D	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
see	pages	1&2							
Sample:	14:40								

Logged BY / Date: _____

Reviewed BY / Date: _____

676 558

EMCON

Project No 774902 Task No.. Sample ID ET08-11A-GW AA30 17

Purged By D JONES B NIELSEN Site Name: CARSWELL AFB

Sampled By: D JONES BRAD NIELSEN Location: FT WORTH, TX

Type: Ground Water ☒ Surface Water ___ Treatment Effluent ___ Other: ___

Casing Diameter (inches): (2) 3 4 45 6 Other

Casing Elevation (feet/MSL): ___ Volume in Casing (gal): LOW FLOW PURGE

Depth to Water before Purge (feet): 13.94 Calculated Purge (gal): LOW FLOW PURGE

Depth of Well (feet): 17.53 Actual Purge (gal) LITERS 1.5

Depth to Water at End of Purge (feet): Below pump Depth to Water at Sampling (feet): Below pump

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 1-10-00 Start 13:30 End: 14:03

Date Sampled: 1-10-00 Start 14:40 End: 15:50

Time	Volume (gal)	pH (units)	Specific Conductance (µS/cm @ 25° C/77°F)	ORP	Temp. (°F)	DO (mg/L)	Flow Rate	Turbidity (NTU)
13:36	START	7.18	947	297	21.19	7.59	.15	16.9
13:39	.25	7.19	951	294	21.23	7.29	.10	21.7
13:42	.35	7.14	959	294	21.27	6.81	.10	27.2
13:45	.45	7.03	963	288	21.43	5.93	.10	24.2
13:48	.55	6.98	969	287	21.41	5.05	.10	18.0
13:51	.65	6.90	973	288	21.32	4.58	.10	13.1
13:54	.75	6.89	975	289	21.35	4.37	.10	10.6
13:57	.85	6.89	979	288	21.31	4.16	.10	8.9

Odor at Sample: NO Head Space Reading: N/A

Field QC samples collected at this well: MS & MSD Ambient Blank

Parameters field filtered at this well: NO

Purging Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
☒ Well Wizard ___ Dedicated
Other: ___

Sampling Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
☒ Well Wizard ___ Dedicated
Other: ___

Well Integrity: Good Lock #: ___

Remarks: PID-0.0
The top of the pump set at 12.73'
Ambient Blank Taken at 14:30 wind 10 mph west

Weather at purge: Clear 65° 10 mph SW Weather at sample: Clear 65° 10 mph SW

Meter Calibration at purge. Date: 1-10-00 Time: 7:30 Meter Serial # 128K Temperature: ___ °F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: OFFICE

Meter Calibration at sample Date 1-10-00 Time: 7:30 Meter Serial # 128K Temperature: ___ °F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: The office

Signature: Douglas Jones Reviewed By: ___

page 2

676 559

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160013

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: LF05-5C

Sample Number: AA3006

Sample Name: LF05-5C-GW-AA3006-REG

Sampling Method: SP

Collection Date: 1-11-00

Collection Time: 9:15

Start Depth: 13.65

End Depth: 13.80

Sample Team: DOUG JONES, BRAD NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-OCL	N	C	2	1	L	Amb. Glass
APPIX-OPP	N	D	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (LITERS)
	9:01	17.80	275	6.96	891	6.2	96	19.4	2.9
	9:04								
Sample:	9:15								

Logged BY / Date: _____

Reviewed BY / Date: _____

Field Data Sheet

EMCON

676 560

Project No: 7749C2 Task No.:
Purged By: D. JONES B. Nielsen
Sampled By: B. Nielsen D. JONES
Sample ID: LF05-SC-GW-AA3006
Site Name: CARSWELL AFB
Location: FT WORTH, TX
Type: Ground Water ☒ Surface Water ___ Treatment Effluent ___ Other: ___
Casing Diameter (inches): (2) 3 4 4.5 6 Other

Casing Elevation (feet/MSL): ___
Depth to Water before Purge (feet): 13.65
Depth of Well (feet): 21.18
Depth to Water at End of Purge (feet): 13.90

Volume in Casing (gal): Low Flow Purge
Calculated Purge (gal): Low Flow Purge
Actual Purge (gal): 2.9
Depth to Water at Sampling (feet): 13.90

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 1-11-00 Start: 9:30 End: 9:15
Date Sampled: 1-11-00 Start: 9:15 End: 10:20

Time	Volume (gal)	pH (Units)	Specific Conductance (µS/cm @ 25° C/77°F)	ORP	Temp (°C)	DO (mg/L)	Flow Rate ~~Color~~ (Visual)	Turbidity (NTU)
9:37	START	6.76	874	347	18.21	1.75	.1 l/m	18.8
9:40	6	6.77	867	335	17.92	1.43	.1 l/m	18.5
9:43	9	6.84	865	326	18.09	1.29	.1	17.4
9:46	1.2	6.84	865	322	18.19	1.25	.1	16.1
9:49	1.5	6.85	872	310	18.56	1.15	.1	14.4
9:52	1.8	6.83	881	294	19.01	1.20	.1	10.3
9:55	2.1	6.85	887	286	19.23	1.02	.15	8.6
9:58	2.45	6.84	889	280	19.29	.99	.15	6.8

Odor at Sample: ___ Head Space Reading: N/A

Field QC samples collected at this well: Field Duplicate AA307FD (10:15)

Parameters field filtered at this well: NO

Purging Equipment
___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
☒ Well Wizard ___ Dedicated
Other: ___

Sampling Equipment
___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
☒ Well Wizard ___ Dedicated
Other: ___

Well Integrity: Good Lock #: yes

Remarks: PID - 0.0

at the top of the pump at 14.42

Weather at purge: clear 50° NO WIND Weather at sample: clear 55°

Meter Calibration at purge Date: 1-11-00 Time: 7:30 Meter Serial #: 128K Temperature: ___°F
(SC 1000 740 999) (pH 7 6.97 / 7.00) (pH 10 ___ / ___) (pH 4 4.03 / 3.99)
Location of previous calibration: OFFICE

Meter Calibration at sample Date: 1-11-00 Time: ___ Meter Serial #: 128K Temperature: ___°F
(SC 1413 ___ / ___) (pH 7 ___ / ___) (pH 10 ___ / ___) (pH 4 ___ / ___)
Location of previous calibration:

Signature: [signature] Reviewed By: ___

676 561

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160013

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: LF05-5C

Sample Number: AA3007

Sample Name: LF05-5C-GW-AA3007-FD

Sampling Method: SP

Collection Date: 1-11-00

Collection Time: 10:15

Start Depth: 13.65

End Depth: 13.80

Sample Team: D Jones, B Nielsen

Containers

	Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
✓	APPIX-VOC	N	A	3	40	ML	VOA Vial
✓	APPIX-SVOC	N	B	2	1	L	Amb. Glass
	APPIX-OPP	N	D	2	1	L	Amb. Glass
	APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
see pages 1-6									
Sample:	10:15								

Logged BY / Date: _____

Reviewed BY / Date: _____

676 562

2

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160013

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code. WP07-10A

Sample Number· AA3010

Sample Name: WP07-10A-GW-AA3010-REG

Sampling Method. SP

Collection Date: 1-11-00

Collection Time: 11:50

Start Depth. 31.90'

End Depth: 31.49

Sample Team: DOUG JONES
DOUG JONES

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-OPP	N	D	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

10% 10% 3% <10 10% <1°C

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sample:	11:50								

Logged BY / Date: _____

Reviewed BY / Date: _____

... Sample Field Data Sheet

6765563 EMCON

Project No. 774902 Task No.. Sample ID. WP07-10A-GW-AA3010

Purged By: D JONES B. NELSON Site Name: CARSWELL AFB

Sampled By: B NELSON D. JONES Location: FT WORTH, TX

Type. Ground Water (2) Surface Water ____ Treatment Effluent ____ Other: ____

Casing Diameter (inches): (2) 3 4 4.5 6 Other

Casing Elevation (feet/MSL). ____ Volume in Casing (gal): Low Flow Purge

Depth to Water before Purge (feet): 31.90 Calculated Purge (gal): Low Flow Purge

Depth of Well (feet) 37.72 Actual Purge (~~gal~~ Liter) 2.35

Depth to Water at End of Purge (feet). 31.49 Depth to Water at Sampling (feet): 31.49

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 1-11-00 Start: 10:30 End: 11:45

Date Sampled: 1-11-00 Start: ~~[illegible]~~ 11:50 End: 12:20

Time	Volume (~~gal~~ L)	pH (Units)	Specific Conductance (µS/cm @ 25° C/77°F)	ORP	Temp. (~~F~~ C)	DO (mg/L)	Flow Rate ~~Color~~ (~~Visual~~)	Turbidity (NTU)
11:30	START	6.96	922	302	19.1	2.07	.15	6.6
11:33	.55	6.82	934	296	19.47	1.86	.15	4.5
11:36	1.00	6.82	941	288	19.71	1.55	.15	2.6
11:39	1.45	6.79	947	281	19.90	1.39	.15	2.2
11:42	1.90	6.81	956	276	20.02	1.31	.15	2.1
11:45	2.35	6.78	960	270		1.30	.15	2.4
11:48								
11:50	SAMPLE	6.78	960	270	20.02	1.30	.15	2.4

31.49

Odor at Sample. NO Head Space Reading N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
(✓) Well Wizard ____ Dedicated
Other: ____

Sampling Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
(✓) Well Wizard ____ Dedicated
Other: ____

Well Integrity Good Lock # YES

Remarks: PID 00

The Top of The pump SET at 31.91

Refill 3 sec Disch 3 sec

Weather at purge Clear 60° 5 mph NW Weather at sample: ____

Meter Calibration at purge: Date: 1-11-00 Time: 7:30 Meter Serial # 128K Temperature: ____ °F

(SC 1413 ____ / ____) (pH 7 ____ / ____) (pH 10 ____ / ____) (pH 4 ____ / ____)

Location of previous calibration: office

Meter Calibration at sample Date. 1-11-00 Time: 7:30 Meter Serial # 128K Temperature. ____ °F

(SC 1413 ____ / ____) (pH 7 ____ / ____) (pH 10 ____ / ____) (pH 4 ____ / ____)

Location of previous calibration office

Signature [signature] Reviewed By: ____ Page 1 of 2

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INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160013

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: FT09-12E

Sample Number: AA3003

Sample Name: FT09-12E-GW-AA3003-REG

Sampling Method: SP

Collection Date: 1-11-00

Collection Time: 15:35

Start Depth: 33.57

End Depth: Below top of Pump

Sample Team: DOUG JONES, BRAD NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-OCL	N	C	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
	16:22		148	6.47	992	16.0	2.57	22.09	3.55
	16:25		150	6.48	992	13.2	2.57	22.19	4.00
	16:28		152	6.48	992	11.3	2.59	22.18	4.45
	16:31		154	6.48	989	10.3	2.55	22.22	4.90
	16:33		154	6.47	988	9.9	2.52	22.17	5.35
	16:36		154	6.48	990	8.2	2.51	22.14	5.80
	16:39		155	6.47	990	7.4	2.52	22.13	6.25
Sample:	15:35								

Logged BY / Date: _____

Reviewed BY / Date: _____

INTERNATIONAL TECHNOLOGY CORPORATION

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Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160013

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: FT09-12E

Sample Number: AA3004

Sample Name: FT09-12E-GW-AA3004-FD

Sampling Method: SP

Collection Date: 1-11-00

Collection Time: 16:30

Start Depth: 37.57

End Depth: Below Top of Pump

Sample Team: D. Jones, B. Nielsen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-OCL	N	C	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
see page 1 of 2									
Sample:	16:30								

Logged BY / Date: _____

Reviewed BY / Date: _____

676 566

EMCON

Project No 774902 Task No.. Sample ID: ET09-12E-GW-AA3003

Purged By: D. JONES B. NIELSEN Site Name: CARSWELL AFB

Sampled By: B. NIELSEN D. JONES Location: FT WORTH, TX

Type: Ground Water (✓) Surface Water ____ Treatment Effluent ____ Other ____

Casing Diameter (inches): (2) 3 4 4.5 6 Other

Casing Elevation (feet/MSL). ____ Volume in Casing (gal). LOW FLOW PURGE

Depth to Water before Purge (feet): 33.57 Calculated Purge (gal): LOW FLOW PURGE

Depth of Well (feet) 38.52 Actual Purge (Liter) 6.25

Depth to Water at End of Purge (feet). ____ Depth to Water at Sampling (feet): ____

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 1-11-00 Start: 14:15 End: 16:35

Date Sampled: 1-11-00 Start: 16:36 End: 17:00

Time	Volume (Liter)	pH (Units)	Specific Conductance (µS/cm @ 25° C/TTF)	ORP	Temp. (C)	DO (mg/L)	Flow Rate (L/min)	Turbidity (NTU)
15:58	START	6.65	998	158	22.24	3.32	.15	294
16:01	.60	6.60	999	158	22.22	3.17	.15	189
16:04	1.05	6.58	999	158	22.21	3.38	.15	114
16:07	1.50	6.55	1000	160	22.24	3.26	.15	73
16:10	1.95	6.55	1008	156	22.18	3.34	.15	45
16:13	2.30	6.52	1005	154	22.19	3.26	.15	32
16:16	2.75	6.51	1000	149	22.10	2.65	.15	24
16:19	3.10	6.50	996	149	22.07	2.57	.15	19

Odor at Sample. ____ Head Space Reading N/A

Field QC samples collected at this well: Field DUPLICATE @ 16:30

Parameters field filtered at this well: NO

Purging Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
(✓) Well Wizard ____ Dedicated
Other: ____

Sampling Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
(✓) Well Wizard ____ Dedicated
Other ____

Well Integrity Lock # 1089

Remarks: PID 0.0
Field Duplicate ET09-12E-GW-AA3004-FD sample time 16:30
The top of the pump set at 30.04

Refill 3 sec. Disch 3 sec

Weather at purge clear 70° no wind Weather at sample clear 70° no wind

Meter Calibration at purge. Date. 1-11-00 Time: 7:30 Meter Serial # 128 K Temperature: ___°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Meter Calibration at sample Date 1-11-00 Time. 7:30 Meter Serial # 128 K Temperature ___°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Signature Douglas Jones Reviewed By ____

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INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160013

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: WHGLTA002

Sample Number: AA3013

Sample Name: WHGLTA002-GW-AA3013-REG

Sampling Method: SP

Collection Date: 1-12-00

Collection Time: 8:40

Start Depth: 15.35

End Depth: Below Top of pump

Sample Team. DOUG JONES, BRAD NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-OPP	N	D	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sample:	8.40								

Logged BY / Date: _____

Reviewed BY / Date: _____

Well Sample Field Data Sheet

676 568

EMCON

Project No 774902 Task No.

Sample ID WHGLTA002-GW-AA3013 Rev

Purged By D JONES B NICISCH

Site Name CARSWELL AFB

Sampled By D JONES B. NICISCH

Location: FT WORTH, TX

Type Ground Water (⊕) Surface Water ____ Treatment Effluent ____ Other: ____

Casing Diameter (inches): (2) 3 4 45 6 Other

Casing Elevation (feet/MSL): ____

Volume in Casing (gal): Low Flow Purge

Depth to Water before Purge (feet): 15.35

Calculated Purge (gal): Low Flow Purge

Depth of Well (feet) 20.12

Actual Purge (LITER) 2.85

Depth to Water at End of Purge (feet): ____

Depth to Water at Sampling (feet) ____

(All measurements are from top of casing unless otherwise indicated.)

Date Purged 1-12-00 Start 8:00 End: 8:35

Date Sampled 1-20-00 Start 8:40 End: 9:15

Time	Volume (L)	pH (Units)	Specific Conductance (µS/cm @ 25° C/77°F)	ORP	Temp. (C)	DO (mg/L)	Liter Flow Rate	Turbidity (NTU)
8:16	START	6.76	794	349	19.99	2.69	.15	21.6
8:19	.6	6.82	797	340	20.31	2.33	.15	25.8
8:22	1.05	6.82	792	339	20.33	2.30	.15	16.1
8:25	1.50	6.86	786	335	20.44	2.14	.15	10.7
8:28	1.94	6.88	785	330	20.64	2.14	.15	5.8
8:31	2.40	6.88	784	329	20.65	2.18	.15	4.1
8:34	2.85	6.99	782	325	20.69	2.24	.15	3.9
8:40	SAMPLE							

Odor at Sample: ____

Head Space Reading N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
(⊕) Well Wizard ____ Dedicated
Other: ____

Sampling Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
(⊕) Well Wizard ____ Dedicated
Other: ____

Well Integrity Good

Lock # NO

Remarks:

Top of the pump set at 14.74

Weather at purge partly cloudy 60° NO wind Weather at sample: partly cloudy 60° NO wind

Meter Calibration at purge. Date 1-12-00 Time: 7:10 Meter Serial # 128 K Temperature ____ °F

(SC 1413 1072 / 999) (pH 7 6.96 / 7.00) (pH ~~10~~ ____ / ____) (pH 4 4.06 / 3.99)

Location of previous calibration office

Meter Calibration at sample Date 1-12-00 Time 7:10 Meter Serial # ____ Temperature ____ °F

(SC 1413 ____ / ____) (pH 7 ____ / ____) (pH 10 ____ / ____) (pH 4 ____ / ____)

Location of previous calibration office

Signature Douglas Jones Reviewed By ____

676 569

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160015

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: LF05-5B

Sample Number. AA3005

Sample Name: LF05-5B-GW-AA3005-REG

Sampling Method: SP

Collection Date: 1-12-00

Collection Time: 10:05

Start Depth: 5.84

End Depth: 5.89

Sample Team: DOUG JONES, BRAD NIELSEN

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-OPP	N	D	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sample:	10.05								

Logged BY / Date: _____

Reviewed BY / Date: _____

676 570

EMCON

Project No: 774902 Task No:

Sample ID: LF05-SB-GW AA3005-Re

Purged By: D. JONES B. NIELSEN

Site Name: CARSWELL AFB

Sampled By: D JONES B. NIELSEN

Location: FT WORTH, TX

Type: Ground Water ✓ Surface Water ____ Treatment Effluent ____ Other ____

Casing Diameter (inches): (2) 3 4 4.5 6 Other

Casing Elevation (feet/MSL): ____

Volume in Casing (gal): LOW FLOW PURGE

Depth to Water before Purge (feet): 5.84

Calculated Purge (gal): LOW FLOW PURGE

Depth of Well (feet): 12.56

Actual Purge (Liter): 1.3

Depth to Water at End of Purge (feet): 5.89

Depth to Water at Sampling (feet): 5.89

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 1-12-00 Start: 9:30 End: 10:02

Date Sampled: 1-12-00 Start: 10:05 End: ____

Time	Volume (Liters)	pH (Units)	Specific Conductance (µS/cm @ 25° C/TF)	ORP	Temp. (°C)	DO (mg/L)	Color (Visual)	Turbidity (NTU)	DTW
9:47	START	6.89	1060	-60.0	17.02	1.52	.1	24.1	
9:50	.4	6.89	1067	-58.7	17.17	1.34	.1	16.6	5.86
9:53	.7	6.85	1074	-56.2	17.37	1.24	.1	7.2	
9:56	1.0	6.87	1078	-54.3	17.43	1.21	.1	9.7	
9:59	1.3	6.89	1078	-58.4	17.47	1.16	.1	9.5	
10:02									
10:05	SAMPLE	6.89	1078	-58.4	17.47	1.16		8.5	

Odor at Sample ____ Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NONE

Purging Equipment: ____ Disposable Bailer ____ Bailer (PVC) ____ Peristaltic Pump ____ Bailer (Teflon) ____ Submersible Pump ____ Bailer (S Steel) ✓ Well Wizard ____ Dedicated Other: ____

Sampling Equipment: ____ Disposable Bailer ____ Bailer (PVC) ____ Peristaltic Pump ____ Bailer (Teflon) ____ Submersible Pump ____ Bailer (S Steel) ✓ Well Wizard ____ Dedicated Other: ____

Well Integrity: ✓ The well seal had been broken when we arrived Lock #: NO

Remarks: the photovac is not calibrating today

set the pump top at 6.20

Refill 3 sec Disch 3 sec

Weather at purge: clear 65° 5mph E Weather at sample: ____

Meter Calibration at purge: Date 1-12-00 Time: 7:10 Meter Serial #: 129K Temperature: ____ °F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Meter Calibration at sample: Date 1-12-00 Time: 7:10 Meter Serial #: ____ Temperature: ____ °F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Signature: Douglas Jones Reviewed By: ____

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676 571

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160015

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: WP07-10C

Sample Number: AA3012

Sample Name: WP07-10C-GW-AA3012-REG

Sampling Method: SP

Collection Date: 1-12-00

Collection Time: 11:45

Start Depth: 23.20

End Depth: 23.23

Sample Team: Doug Jones, Brad Nielsen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-OPP	N	D	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (Liters)
	11:35	23.23	-38.6	6.57	1257	6.2	1.27	21.93	2.5
	11:38	23.23	-39.6	6.57	1253	6.5	1.24	21.89	2.8
	Sample	11:45							
Sample:	11:45								

Logged BY / Date: _____

Reviewed BY / Date: _____

676 572

EMCON

Project No: 774902 Task No:

Sample ID: UP07-10C-GW AA3012 Reg

Purged By: D. JONES B NIELSEN

Site Name: CARSWELL AFB

Sampled By: D JONES B. NIELSEN

Location: FT WORTH, TX

Type: Ground Water (X) Surface Water ___ Treatment Effluent ___ Other: ___

Casing Diameter (inches): (2) 3 4 4.5 6 Other

Casing Elevation (feet/MSL): ___

Volume in Casing (gal): LOW FLOW PURGE

Depth to Water before Purge (feet): 23.20

Calculated Purge (gal): LOW FLOW PURGE

Depth of Well (feet): dedicated pump

Actual Purge (gal): LITERS 2.8

Depth to Water at End of Purge (feet): 23.23

Depth to Water at Sampling (feet): 23.23

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 1-12-00 Start: 10:50 End: 11:40

Date Sampled: 1-12-00 Start: 11:45 End: 1200

Time	Volume (gal) LITER	pH (Units)	Specific Conductance (µS/cm @ 25° C/77°F)	ORP	Temp. (°C)	DO (mg/L)	[illegible]	Turbidity (NTU)	
11:11	START	6.58	1260	-30.2	21.89	2.01	.1	59.0	23.20
11:14	.4	6.57	1272	-32.4	21.95	1.93	.1	54.0	
11:17	.7	6.56	1291	-32.9	22.01	2.16	.1	40.5	
11:20	1.0	6.55	1296	-31.3	21.95	1.95	.1	30.6	
11:23	1.3	6.56	1281	-32.0	21.93	1.71	.1	21.4	
11:26	1.6	6.56	1279	-33.6	21.96	1.54	.1	15.9	
11:29	1.9	6.57	1273	-35.9	21.94	1.43	.1	9.9	23.23
11:32	2.2	6.57	1266	-36.9	21.92	1.33		8.7	

Odor at Sample: ___

Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
(X) Well Wizard (X) Dedicated
Other: ___

Sampling Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
(X) Well Wizard (X) Dedicated
Other: ___

Well Integrity: Good

Lock #: yes

Remarks:

Purge 3 sec Refill 3 sec

Weather at purge: clear 65° 10mph E Weather at sample: ___

Meter Calibration at purge Date: 1-12-00 Time: 7:10 Meter Serial #: 128K Temperature ___°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: OFFICE

Meter Calibration at sample Date: 1-12-00 Time: ___ Meter Serial #: 128K Temperature: ___°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Signature: [signature] Reviewed By: ___

Page 1 of 2

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676 573

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160015

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: WP07-10B

Sample Number: AA3011

Sample Name: WP07-10B-GW-AA3011-REG

Sampling Method: SP

Collection Date: 1-12-00

Collection Time: 14:15

Start Depth: Below the top of the dedicated pump

End Depth: The sump

Sample Team: D. JONES, B. NICKSON

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-OPP	N	D	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sample:	14:15								

Logged BY / Date: _____

Reviewed BY / Date: _____

676 571

EMCON

Project No 774902 Task No.

Purged By: D. JONES B. NIELSEN

Sampled By: D. JONES B. NIELSEN

Sample ID: WP07-10B-GW-AA2011

Site Name: CARSWELL AFB

Location: FT WORTH, TX

Type: Ground Water (✓) Surface Water ____ Treatment Effluent ____ Other ____

Casing Diameter (inches): (2) 3 4 4.5 6 Other

Casing Elevation (feet/MSL)

Depth to Water before Purge (feet): Below Top of Pump

Depth of Well (feet): Dedicated Pump

Depth to Water at End of Purge (feet): Below pump top

Volume in Casing (gal): Low Flow Purge

Calculated Purge (gal): Low Flow Purge

Actual Purge (L): LITERS 2.85

Depth to Water at Sampling (feet): Same

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 1-12-00 Start: 13:45 End: 14:12

Date Sampled: 1-12-00 Start: 14:15 End: 14:45

Time	Volume (L) LITER	pH (Units)	Specific Conductance (µS/cm @ 25° C/77°F)	ORP	Temp. (°C)	DO (mg/L)	LITER FLOW RATE (Meter)	Turbidity (NTU)
13:53	START	6.86	1005	242	22.45	3.36	.15	7.4
13:56	.60	6.81	1020	247	22.31	2.12	.15	1.7
13:59	1.05	6.82	1017	246	22.26	1.84	.15	.56
14:02	1.50	6.82	1009	246	22.17	1.73	.15	1.0
14:05	1.95	6.82	1000	246	22.19	1.63	.15	.42
14:08	2.40	6.83	990	243	22.20	1.56	.15	.56
14:11	2.85	6.83	985	243	22.23	1.53	.15	1.0
14:15	SAMPLE	"	"	"	"	"	"	"

Odor at Sample: NO

Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
(✓) Well Wizard (✓) Dedicated
Other: ____

Sampling Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
(✓) Well Wizard (✓) Dedicated
Other: ____

Well Integrity: Good

Lock #: yes

Remarks:

Weather at purge: Clear 70° 10mph E Weather at sample:

Meter Calibration at purge Date 1-12-00 Time: 7:10 Meter Serial # 129 K Temperature: ___°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Meter Calibration at sample Date 1-12-00 Time: 7:10 Meter Serial # 129 K Temperature: ___°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Signature: Doug Jones Reviewed By: ____

676 575

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160015

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: LF05-19

Sample Number: AA3009

Sample Name: LF05-19-GW-AA3009-REG

Sampling Method: SP

Collection Date: 1-12-00

Collection Time: 15:20

Start Depth: Below Top of Pump

End Depth: same

Sample Team: D. Jones, B. Nielsen

Analytical Suite	Flt	Frtn	Containers Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-OPP	N	D	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sample:	1520								

Logged BY / Date: _____

Reviewed BY / Date: _____

676 576

EMCON

Project No 774902 Task No.

Sample ID 1E05-19GW-4A3009 Reg 3009

Purged By D. JONES B NIELSEN

Site Name: CARSWELL AFB

Sampled By D. JONES B. NIELSEN

Location: FT WORTH, TX

Type Ground Water ☒ Surface Water ___ Treatment Effluent ___ Other ___

Casing Diameter (inches): (2) 3 4 4.5 6 Other

Casing Elevation (feet/MSL).

Depth to Water before Purge (feet): Below top of Dedicated pump

Depth of Well (feet). NOT Available

Depth to Water at End of Purge (feet): Below top of the Pump

Volume in Casing (gal): Flow Flow Rate

Calculated Purge (gal). LOW FLOW

Actual Purge (gal). LITER 9 2.76

Depth to Water at Sampling (feet): Below the Top of pump

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 1-12-00 Start: 14:50 End: 15:18

Date Sampled: 1-12-00 Start: 15:20 End: 15:45

Time	Volume (gal)	pH (Units)	Specific Conductance (µS/cm @ 25° C/77°F)	ORP	Temp. (°C)	DO (mg/L)	LITER/ FLOW RATE	Turbidity (NTU)
15:02	START	6.98	945	289	21.33	5.75	.18	2.32
15:05	0.60	6.98	944	291	21.46	5.60	.19	1.64
15:08	1.14	6.97	942	295	21.41	5.50	.18	0.93
15:11	1.68	6.95	941	297	21.41	5.48	.18	0.90
15:14	2.22	6.97	939	300	21.38	5.46	.18	0.91
15:17	2.76	6.97	937	302	21.37	5.43	.18	0.94
~~15:20~~								
15:20	SAMPLE	"	"	"	"	"	"	"

.54

Odor at Sample. ___ Head Space Reading N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
☒ Well Wizard ☒ Dedicated
Other: ___

Sampling Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
☒ Well Wizard ☒ Dedicated
Other: ___

Well Integrity Good Lock # NO

Remarks:

Purch 3 sec Refill 3 sec

Weather at purge Clear 75° 10 mph E Weather at sample: Clear 75° 10mph E

Meter Calibration at purge Date 1-12-00 Time. 7:10 Meter Serial # 129K Temperature: ___°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: OFFICE

Meter Calibration at sample Date 1-12-00 Time: ___ Meter Serial # ___ Temperature. ___°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___ ___)

Location of previous calibration: OFFICE

Signature Doug Jones Reviewed By

676 577

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160016

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: LF04-04

Sample Number: AA3001

Sample Name: LF04-04-GW-AA3001-REG

Sampling Method: SP

Collection Date 1-13-00

Collection Time

Start Depth: 26.59

End Depth Below top of pump

Sample Team: D Jones

B. Nielsen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-OCL	N	C	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sample:	11:55								

Logged BY / Date: _____

Reviewed BY / Date: _____

676 578

EMCON

Project No 774902 Task No 30010190 Sample ID LFOU-04-GW-AA3001 Reg

Purged By D. JONES B. NIELSEN Site Name CARSWELL AFA

Sampled By D. JONES B. NIELSEN Location FT WORTH, TX

Type: Ground Water (circled) Surface Water ____ Treatment Effluent ____ Other ____

Casing Diameter (inches): (2) 3 4 4.5 5 Other

Casing Elevation (feet/MSL): ____ Volume in Casing (gal): LOW FLOW PURGE

Depth to Water before Purge (feet): 20.58 Calculated Purge (gal): LOW FLOW PURGE

Depth of Well (feet): 26.67 Actual Purge (gal): Liters 2.86

Depth to Water at End of Purge (feet): Below the top of the pump Depth to Water at Sampling (feet): Below top of the pump

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 1-13-00 Start: 11:20 End: 11:50

Date Sampled 1-13-00 Start: 11:55 End: ____

Time	Volume (gal)	pH (Units)	Specific Conductance (µS/cm @ 25° C/TTC)	ORP	Temp. (°C)	DO (mg/L)	[illegible] (NTU)	Turbidity (NTU)
11:34	START	6.79	922	349	18.94	2.04	.19	4.6
11:37	.70	6.82	939	345	19.51	1.75	.18	3.9
11:40	1.24	6.86	946	339	19.66	1.49	.18	2.5
11:43	1.78	6.86	947	335	19.71	1.42	.18	1.1
11:46	2.32	6.88	950	332	19.81	1.38	.19	1.4
11:49	2.86	6.89	951	328	19.88	1.31	.18	1.0
11:55	SAMPLE	6.99	951	328	19.88	1.31	.18	1.0

.54

Odor at Sample: NO Head Space Reading N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
(circled) Well Wizard ____ Dedicated
Other: ____

Sampling Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
(circled) Well Wizard ____ Dedicated
Other: ____

Well Integrity Good Lock # yes

Remarks: This well is surrounded by concrete & dirt. The well is ok but very hard to get to
set the top of the pump @ 20.63'

ORG-CHLOR-PEST

Weather at purge clear 60° 5mph NE Weather at sample: clear 60° 5mph NE

Meter Calibration at purge Date 1-13-00 Time 10:00 Meter Serial # 129K Temperature ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Meter Calibration at sample Date 1-13-00 Time 10:00 Meter Serial # 129K Temperature ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Signature [signature] Reviewed By ____ Page ____ of ____

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676 579

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 160016

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: LF04-4D

Sample Number: AA3002

Sample Name: LF04-4D-GW-AA3002-REG

Sampling Method: SP

Collection Date: 1-13-00

Collection Time: 14:25

Start Depth: 22.80

End Depth: Below the top of the pump

Sample Team: D. Jones, B. Nielsen

Analytical Suite	Containers Flt	Frtn	Qty	Size	Units	Type
APPIX-VOC	N	A	3	40	ML	VOA Vial
APPIX-SVOC	N	B	2	1	L	Amb. Glass
APPIX-OCL	N	C	2	1	L	Amb. Glass
APPIX-METALS	N	E	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume L
	15:20	Below top pump	294	6.90	984	0.8	1.01	20.71	2.3
	15:23		291	6.90	985	0.7	1.00	20.74	2.6
Sample:	14:25								

Logged BY / Date: _____

Reviewed BY / Date: _____

676 580

EMCON

Project No: 774902 Task No: 30C 10190 Sample ID: LF04-4D-GW AA3:2 Reg

Purged By: BRAD NIELSEN DOUG JONES Site Name: CARSWELL AFB

Sampled By: BRAD NIELSEN DOUG JONES Location: FT WORTH TX

Type: Ground Water ☑ Surface Water ___ Treatment Effluent ___ Other ___

Casing Diameter (inches): (2) 3 4 4.5 6 Other ___

Casing Elevation (feet/MSL): ___

Depth to Water before Purge (feet): 22.80

Depth of Well (feet): 27.76

Depth to Water at End of Purge (feet): Below the top of the pump

Volume in Casing (gal): Low Flow Purge

Calculated Purge (gal): Low Flow Purge

Actual Purge (gal): Liters

Depth to Water at Sampling (feet): Below the top of the pump

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 1-17-00 Start: 13:45 End: 14:24

Date Sampled: 1-17-00 Start: 14:25 End: 15:10

Time	Volume (gal) L	pH (Units)	Specific Conductance (µS/cm @ 25° C)	ORP	Temp. (°C)	DO (mg/L)	Liters Flow Rate Color (Visual)	Turbidity (NTU)
13:59	START	6.91	973	315	20.61	1.91	.10	2.2
14:02	.5	6.91	978	312	20.63	1.65	.10	1.5
14:05	.8	6.90	981	311	20.69	1.46	.10	1.3
14:08	1.1	6.90	983	307	20.70	1.29	.10	1.1
14:11	1.4	6.90	984	303	20.73	1.19	.10	0.9
14:14	1.7	6.89	984	300	20.65	1.10	.10	1.1
14:17	2.0	6.89	984	297	20.68	1.04	.10	0.8

see next page

Odor at Sample: NO

Head Space Reading: N/A

Field QC samples collected at this well: NONE

Parameters field filtered at this well: NO

Purging Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
☑ Well Wizard ___ Dedicated
Other: ___

Sampling Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
☑ Well Wizard ___ Dedicated
Other: ___

Well Integrity: Good

Lock # 499

Remarks: NO PID

The top of the pump set at 22.28

Weather at purge: clear 70° 10mph NW Weather at sample: clear 70° 10mph NW

Meter Calibration at purge: Date 1-17-00 Time: 10:00 Meter Serial # 1294 Temperature: ___ °F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Meter Calibration at sample: Date 1-17-00 Time: 10:00 Meter Serial # 1294 Temperature: ___ °F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Signature: Doug Jones Reviewed By: ___

676 581

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472000

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: WHGLTA003

Sample Number. AA3032

Sample Name. WHGLTA003-GW-AA3032-REG

Sampling Method: SP

Collection Date: 2-28-00

Collection Time: 15:30

Start Depth: 23.71

End Depth: 23.71

Sample Team: D. Jones B. Wallace

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: N1

Lot Control#:

Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

676 582

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

Location Code: WHGLTA003

Sample Number. AA3032

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume L	Flow Rate
	15:18	23.71	3.26	6.84	817	19	812	21.57	3.9	
	15:24	23.71	3.22	6.83	817	19	8.01	21.60	4.5	
	15:30	23.71	3.24	6.83	816	16	7.93	21.41	5.1	
	15:36	23.71	3.16	6.84	816	14	7.80	21.36	5.7	-1
	15:42	23.71	3.21	6.84	816	10	8.21	21.30	6.3	-1
sample										-1
Sample:	15:30									

Logged BY / Date: 2-28-00

Reviewed BY / Date:

676 583 EMCON

Project No. 774902 Task No. 30010190 Sample ID. AA 3032 WHGLTA003

Purged By D JONES Site Name. CARSWELL AFB

Sampled By Bob Wallace Location: FT WORTH TX

Type. Ground Water (✓) Surface Water ____ Treatment Effluent ____ Other: ____

Casing Diameter (inches): (2) 3 4 4.5 5 Other

Casing Elevation (feet/MSL): ____ Volume in Casing (gal): Low Flow

Depth to Water before Purge (feet): 23.71 Calculated Purge (gal): Low Flow

Depth of Well (feet): ____ Actual Purge (L): 6.3

Depth to Water at End of Purge (feet): 23.71 Depth to Water at Sampling (feet): 23.71

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 2-28-00 Start 14:00 End: 15:30

Date Sampled: 2-28-00 Start 15:30 End: 15:55

Time	Volume (gal)	pH (Units) 10%	Specific Conductance (µS/cm @ 25° C/77°F) 3%	ORP 10%	Temp. (°C) <10	DO (mg/L) 10%	Flow Rate (ml/min)	Turbidity (NTU) <10
14:48	START	6.83	810	320	21.05	7.87	.1	280
14:51	1.1	6.82	817	327	21.43	8.07	.1	120
14:54	1.4	6.82	817	331	21.37	8.16	.1	85
14:57	1.7	6.82	816	333	21.35	7.94	.1	65
15:00	2.0	6.82	816	332	21.36	7.70	.1	50
15:03	2.3	6.82	816	333	21.35	7.91	.1	40
15:06	2.7	6.83	815	333	21.39	7.99	.1	32
15:12	SAMPLE 3.3	6.83	815	333	21.39	7.76	.1	26

Odor at Sample: NO Head Space Reading N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment: ____ Disposable Bailer ____ Bailer (PVC) ____ Peristaltic Pump ____ Bailer (Teflon) ____ Submersible Pump ____ Bailer (S Steel) (✓) Well Wizard (✓) Dedicated Other: ____

Sampling Equipment: ____ Disposable Bailer ____ Bailer (PVC) ____ Peristaltic Pump ____ Bailer (Teflon) ____ Submersible Pump ____ Bailer (S Steel) (✓) Well Wizard (✓) Dedicated Other: ____

Well Integrity: Good Lock # NONE

Remarks: PID Reading .7 ppm

Weather at purge clear 70° 10 mph NE Weather at sample: The same

Meter Calibration at purge. Date 2-28-00 Time: 13:00 Meter Serial # ____ Temperature: ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: at the stone house

Meter Calibration at sample Date: 2-28-00 Time: 13:00 Meter Serial # ____ Temperature: ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Signature Douglas Jones Reviewed By ____ Page 1 of 3

676 584

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472001

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: LF04-10

Sample Number: AA3020

Sample Name: LF04-10-GW-AA3020-REG

Sampling Method: SP

Collection Date: 2-29-00

Collection Time: 10:00

Start Depth: 36.54

End Depth: 36.53

Sample Team: DOUG JONES BOB Wallace

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: N1

Lot Control#.

Sample Matrix: water (WG)

Comments:

Sketch Location:

Reviewed BY / Date:

Reviewed BY / Date:

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

Location Code: **LF04-10**

Sample Number: **AA3020**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature C	Purge Volume (LITER)
	10:00	36.53	361	6.81	900	11	10.01	20.05	5.0
	10:05	36.53	362	6.82	998	9.2	9.41	20.15	5.5
Sample:	10:00								

The Time written down

,ed BY / Date: _____ Reviewed BY / Date: _____

676 586

EMCON

Project No: 774902 Task No: 30 10190 Sample ID: LF04-10 AA 3020

Purged By: D JONES Bob wallace Site Name: CARSWELL AFB

Sampled By: D JONES Bob wallace Location: FT WORTH, TX

Type: Ground Water ✓ Surface Water ___ Treatment Effluent ___ Other ___

Casing Diameter (inches): 2 3 4 4.5 5 Other

Casing Elevation (feet/MSL): ___ Volume in Casing (gal): ___

Depth to Water before Purge (feet): 36.54 Calculated Purge (gal): ___

Depth of Well (feet): N/A Actual Purge (gal): 5.5 Liters

Depth to Water at End of Purge (feet): 36.53 Depth to Water at Sampling (feet): 36.53

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 2-29-00 Start: 8:30 End: 10:00

Date Sampled: 2-29-00 Start: 10:00 End: 10:30

Time	Volume (Liters)	pH (units) 10%	Specific Conductance (µS/cm @ 25° C) 3%	ORP MV 10%	Temp. °C <1°	DO (mg/L) 10%	INL. FLOW RATE	Turbidity (NTU) <10
9:20	START	Cold	938	387	19.57	13.92	.10	110
9:25	1.5	6.70	942	379	19.68	9.47	.10	80
9:30	2.0	6.73	943	375	19.72	9.20	.10	60
9:35	2.5	6.76	938	373	19.90	8.69	.10	45
9:40	3.0	6.78	919	370	19.92	9.10	.10	29
9:45	3.5	6.81	910	369	19.87	9.23	.10	21
9:50	4.0	6.80	910	359	20.01	10.01	.10	19
9:55	4.5	6.81	901	360	19.96	9.21	.10	13

Odor at Sample: NO Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment: ___ Disposable Bailer ___ Bailer (PVC) ___ Peristaltic Pump ___ Bailer (Teflon) ___ Submersible Pump ___ Bailer (S Steel) ✓ Well Wizard ✓ Dedicated Other: ___

Sampling Equipment: ___ Disposable Bailer ___ Bailer (PVC) ___ Peristaltic Pump ___ Bailer (Teflon) ___ Submersible Pump ___ Bailer (S Steel) ✓ Well Wizard ✓ Dedicated Other: ___

Well Integrity: Good Lock #: ___

Remarks: PID 0.4 ppm

sample Time 10:00

seal # 0194311

Weather at purge: clear 65° 10mph SE Weather at sample: SAME

Meter Calibration at purge: Date: 2-29-00 Time: 8:00 Meter Serial #: 20627 Temperature: ___ °F

(SC 1000 / 1000) (pH 7 701 / 700) (pH 4 399 / 400)

Location of previous calibration: OFFICE

Meter Calibration at sample: Date: ___ Time: ___ Meter Serial #: ___ Temperature: ___ °F

(SC 1413 ___ / ___) (pH 7 ___ / ___) (pH 10 ___ / ___) (pH 4 ___ / ___)

Location of previous calibration:

Signature: Douglas Jones Reviewed By: ___ Page 1 of 3

676 587

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number 472001

Site LF04, LF05, LF08 & Waste Pile 7

Location Code LF05-18

Sample Number: AA3023

Sample Name: LF05-18-GW-AA3023-REG

Sampling Method SP

Collection Date: 2-29-00

Collection Time: 12:15

Start Depth: 20.88

End Depth: below top of pump

Sample Team: D. Jones B. Wallace

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: N1

Lot Control#.

Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

EMCON

676 588

Project No: 774902 Task No: 30010190 Sample ID: LFD5-18" AA3023

Purged By: D Jones Bob Wallace Site Name: CARSWELL AFB

Sampled By: D Jones Bob Wallace Location: FT WORTH, TX

Type: Ground Water (✓) Surface Water ____ Treatment Effluent ____ Other: ____

Casing Diameter (inches): (2) 3 4 4.5 5 Other

Casing Elevation (feet/MSL): ____ Volume in Casing (gal): LOW FLOW

Depth to Water before Purge (feet): 24.22 20.88 24.88 Calculated Purge (gal): LOW FLOW

Depth of Well (feet): 23.90 27.90 Actual Purge (gal): LITERS 2D

Depth to Water at End of Purge (feet): Below Top of pump Depth to Water at Sampling (feet): Below Top of pump

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 2-29-00 Start: 11:20 End: 12:15

Date Sampled: 2:29:00 Start: 12:15 End: 12:45

Time	Volume (LITER)	pH (Units)	Specific Conductance (µS/cm @ 25° C)	ORP mV	Temp. °C	DO (mg/L)	Flow Rate LITERS	Turbidity (NTU)
11:53	START	6.73	1111	298	21.60	9.25	.1	0.8
11:56	1.3	6.73	1112	297	21.63	9.21	.1	0.5
11:59	1.6	6.73	1115	294	21.75	9.51	.1	0.5
12:02	1.9	6.74	1116	291	21.79	9.34	.1	0.4
12:15	SAMPLE							

Odor at Sample: ____ Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
(✓) Submersible Pump ____ Bailer (S Steel)
(✓) Well Wizard ____ Dedicated
Other: ____

Sampling Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
(✓) Submersible Pump ____ Bailer (S Steel)
(✓) Well Wizard ____ Dedicated
Other: ____

Well Integrity: Good Lock #: ____

Remarks: PID 0.0ppm seal # 0194310

Sampled 12:16

Pump set at 19.39' PSI 18 psi

Weather at purge: clear 65° 10mph SE Weather at sample: same

Meter Calibration at purge Date: 2-29-00 Time: 7:00 Meter Serial #: ____ Temperature: ____°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Meter Calibration at sample. Date: same Time: ____ Meter Serial #: ____ Temperature: ____°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration:

Signature: Doug Jones Reviewed By: ____

676 589

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472001

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: WHGLTA002

Sample Number: AA3031

Sample Name: WHGLTA002-GW-AA3031-REG

Sampling Method: SP

Collection Date: 2-29-00

Collection Time: 14:45

Start Depth: 15.28'

End Depth: Below top of pump

Sample Team: D. Jones B. Walker

ERPIMS Values:

Sacode: N1

Lot Control#:

Sample Matrix: WG

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

Comments:

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

Water Sample Field Data Sheet

676 590

EMCON

Project No 774902 Task No 30010190 Sample ID WHGLTA002 AA 3031

Purged By D Jones Bob Wallace Site Name CARSWELL AFB

Sampled By D Jones Bob Wallace Location: FT WORTH, TX

Type Ground Water (X) Surface Water ____ Treatment Effluent ____ Other: ____

Casing Diameter (inches): (2) 3 4 4.5 6 Other

Casing Elevation (feet/MSL): ____ Volume in Casing (gal): LOW FLOW

Depth to Water before Purge (feet): 15.28 Calculated Purge (gal): LOW FLOW

Depth of Well (feet): 20.12 Actual Purge (gal): 2.2 LITER

Depth to Water at End of Purge (feet): Below top of pump Depth to Water at Sampling (feet): Below top of pump

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 2-29-00 Start 14:00 End: 14:45

Date Sampled: 2-29-00 Start 14:45 End: 15:00

Time	Volume (gal.)	pH (Units)	Specific Conductance (µS/cm @ 25° C/77°F)	ORP MV	Temp. °C	DO (mg/L)	Flow Rate (L/min)	Turbidity (NTU)
14:15	START	6.95	740	284	22.86	8.14	.10	10.5
14:18	.8	6.94	731	292	22.70	9.04	.10	18
14:21	1.2	6.93	725	298	22.49	8.30	.10	18
14:24	1.5	6.94	725	297	22.46	8.65	.10	12
14:27	1.8	6.92	724	300	22.41	8.44	.10	8.5
14:30	2.2	6.92	723	300	22.33	8.36	.10	8.7
14:45	SAMPLE							

Odor at Sample: NO Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
(X) Submersible Pump ____ Bailer (S Steel)
(X) Well Wizard ____ Dedicated
Other: ____

Sampling Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
(X) Submersible Pump ____ Bailer (S Steel)
(X) Well Wizard ____ Dedicated
Other: ____

Well Integrity: Good Lock # ____

Remarks: PID 0.7 ppm

Sampled at 14:45

Pump set at 14.10 Seal # 0194306

Weather at purge: Clear 75° 15 mph SW Weather at sample: SAME

Meter Calibration at purge: Date 2-29-00 Time: 7:30 Meter Serial # ____ Temperature: ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Meter Calibration at sample Date: 2-29-00 Time: ____ Meter Serial # ____ Temperature: ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: SAME

Signature Doug Jones Reviewed By ____

676 591

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472004

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: WHGLTA704

Sample Number: AA3035

Sample Name: WHGLTA704-GW-AA3035-REG

Sampling Method: SP

Collection Date: 3-1-00

Collection Time: 10:00

Start Depth: 13.60'

End Depth: 13.85'

Sample Team: D Jones, A Wallace

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: N1

Lot Control#:

Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date:

Reviewed BY / Date:

676 592

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472004

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: WHGLTA704

Sample Number: AA3035MS

Sample Name: WHGLTA704-GW-AA3035MS-MS

Sampling Method: SP

Collection Date: 3-1-00

Collection Time: 10:00

Start Depth: 13.60

End Depth: 13.25

Sample Team: D. Jones & B. Wallace

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: MS 1

Lot Control#:

Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

676 593

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472004

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: WHGLTA704

Sample Number: AA3035MSD

Sample Name: WHGLTA704-GW-AA3035MSD-MSD

Sampling Method: SP

Collection Date: 3-1-00

Collection Time: 10:00

Start Depth: 13.60'

End Depth: 13.26'

Sample Team: D. Jones B. Walker

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: SD1

Lot Control#:

Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

676.591

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

Location Code: **WHGLTA704**

Sample Number: **AA3035**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (L)
	09:39	13.85	7.7	6.59	881	2.3	14.84	18.63	3.8
Sample:	10:00								

Logged BY / Date: Doug Jones 3-1-00

Reviewed BY / Date: _____

Water Sample Field Data Sheet

676 595 EMCON

Project No: 774902 Task No.: Sample ID: WHGLTA704-AA3035

Purged By: D JONES Bob Wallace Site Name: CARSWELL AFB

Sampled By: D JONES Bob wallace Location: FT WORTH, TX

Type: Ground Water ☒ Surface Water ___ Treatment Effluent ___ Other ___

Casing Diameter (inches): 2 ☒ 3 4 4.5 6 Other

Casing Elevation (feet/MSL): ___ Volume in Casing (gal): LOW FLOW

Depth to Water before Purge (feet): 13.60 Calculated Purge (gal): LOW FLOW

Depth of Well (feet): 22.30 Actual Purge (gal): LITERS 3.8

Depth to Water at End of Purge (feet): 13.85 Depth to Water at Sampling (feet): 13.85

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 3-1-00 Start: 08:45 End: 9:40

Date Sampled: 3-1-00 Start: 10:00 End: ___

Time	Volume (gal)	pH (Units)	Specific Conductance (µS/cm @ 25° C/77°F)	ORP MV	Temp. °C	DO (mg/L)	Flow Rate IN LITERS (Liters)	Turbidity (NTU)
09:15	START	6.50	840	27.0	17.96	12.10	.10	6.2
09:18	1.6	6.54	848	21.0	18.18	12.42	.10	4.6
09:21	1.9	6.55	849	19.9	18.12	12.58	.10	5.3
09:24	2.3	6.56	857	17.0	18.20	12.65	.10	3.3
09:27	2.6	6.57	863	14.7	18.33	12.26	.10	3.7
09:30	2.9	6.57	867	13.1	18.42	13.95	.10	3.2
09:33	3.2	6.58	874	11.3	18.53	14.32	.10	3.2
09:36	SAMPLE 3.5	6.58	876	10.3	18.59	14.63	.10	2.9

Odor at Sample: NO Head Space Reading: N/A

Field QC samples collected at this well: MS & MSD

Parameters field filtered at this well: NO

Purging Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
☒ Submersible Pump ___ Bailer (S Steel)
☒ Well Wizard ___ Dedicated
Other: ___

Sampling Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
☒ Submersible Pump ___ Bailer (S Steel)
☒ Well Wizard ___ Dedicated
Other: ___

Well Integrity: Good Lock #: NO

Remarks: PID 8.6 ppm
MS AA3035MS & MSD AA3035MSD

Pump set at 14.95'

Weather at purge: clear 60° 10mph NE Weather at sample: clear 63° 10mph NE

Meter Calibration at purge: Date: 3-1-00 Time: 7:30 Meter Serial #: 20627 Temperature: ___°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Meter Calibration at sample: Date: 3-1-00 Time: 7:30 Meter Serial #: 20627 Temperature: ___°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Signature: [signature] Reviewed By: ___

ITK 676 596

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

Site: LF04, LF05, LF08 & Waste Pile 7
Location Code WHGLTA701
Sample Number: AA3033
Sample Name. WHGLTA701-GW-AA3033-REG
Sampling Method: SP

RFA / COC Number: 472004
Collection Date: 3-1-00
Collection Time: 12:15
Start Depth: 27.38'
End Depth: 27.42
Sample Team: D. Jones B. Wallace

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: N1
Lot Control#:
Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date: _____ *Reviewed BY / Date:* _____

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

Location Code: **WHGLTA701**

Sample Number: **AA3033**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (L)
	12:00	27.42	186	6.85	668	154	9.05	19.82	4.5
	12:05	27.42	187	6.85	669	120	9.11	19.91	5.0
Sample:	12:15								

Logged BY / Date: Doug Jones 3-1-00

Reviewed BY / Date:

Water Sample Field Data Sheet

676 598

EMCON

Project No: 774902 Task No: 30010190 Sample ID: WHGLTA701 "AA3033"

Purged By: D Jones Bob wallace Site Name: CARSWELL AFB

Sampled By: D Jones Bob wallace Location: Ft Worth, TX

Type: Ground Water ✓ Surface Water ___ Treatment Effluent ___ Other ___

Casing Diameter (inches): (2) 3 4 4.5 5 Other

Casing Elevation (feet/MSL): ___ Volume in Casing (gal): Low Flow

Depth to Water before Purge (feet): 27.38 Calculated Purge (gal): Low Flow

Depth of Well (feet): 36.33 Actual Purge (gal): Liters 5.0

Depth to Water at End of Purge (feet): 27.42 Depth to Water at Sampling (feet): 27.42

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 3-1-00 Start: 10:30 End: 12:15

Date Sampled: 3-1-00 Start: 12:15 End: 12:30

Time	Volume (gal.)	pH (Units)	Specific Conductance (µS/cm @ 25° C/77°F)	ORP MV	Temp. °C	DO (mg/L)	Flow Rate (Liters)	Turbidity (NTU)
11:20	START	6.91	665	180	19.84	9.98	.10	815
11:25	1.0	6.81	665	186	19.81	7.60	.10	620
11:30	1.5	6.82	668	181	20.04	7.44	.10	610
11:35	2.0	6.82	664	184	19.72	7.56	.10	522
11:40	2.5	6.83	664	196	19.72	7.46	.10	411
11:45	3.0	6.83	664	197	19.71	7.81	.10	301
11:50	3.5	6.84	667	188	19.89	7.84	.10	275
11:55	4.0	6.84	668	187	19.96	8.41	.10	188

Odor at Sample: NO Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
✓ Submersible Pump ___ Bailer (S Steel)
✓ Well Wizard ___ Dedicated
Other: ___

Sampling Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
✓ Submersible Pump ___ Bailer (S Steel)
✓ Well Wizard ___ Dedicated
Other: ___

Well Integrity: Good Lock #: ND

Remarks: PID 0.0 ppm

pump Tot set at 28.85'

Weather at purge: clear 70° 10 mph SE Weather at sample: clear 72° 10 mph SE

Meter Calibration at purge: Date: 3-1-00 Time: 7:30 Meter Serial #: ___ Temperature: ___ °F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Meter Calibration at sample: Date: 3-1-00 Time: 7:30 Meter Serial #: ___ Temperature: ___ °F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Signature: [signature] Reviewed By: ___

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INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472002

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: LF05-19

Sample Number: AA3024

Sample Name: LF05-19-GW-AA3024-REG

Sampling Method: SP

Collection Date: 3-1-00

Collection Time: 16:15

Start Depth: Below Top of Pump

End Depth: Below Top of Pump

Sample Team: D. Jones B. Wallace

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: N1

Lot Control#

Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date:

Reviewed BY / Date:

Water Sample Field Data Sheet

676 660

EMCON

Project No: 774902 Task No:

Sample ID: LF05-19" AA3024

Purged By: D Jones Bob Wallace

Site Name: Carswell AFB

Sampled By: D Jones Bob Wallace

Location: Ft Worth, TX

Type: Ground Water ✓ Surface Water ___ Treatment Effluent ___ Other: ___

Casing Diameter (inches): (2) 3 4 4.5 5 Other

Casing Elevation (feet/MSL):

Depth to Water before Purge (feet): Below top of pump

Depth of Well (feet): Below top of pump

Depth to Water at End of Purge (feet):

Volume in Casing (gal): LOW FLOW

Calculated Purge (gal): LOW FLOW

Actual Purge (gal): LITERS 1.5

Depth to Water at Sampling (feet): Below top of pump

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 3-1-00 Start: 15:15 End: 15:50

Date Sampled: 3-1-00 Start: 15:55 End: 16:20

Time	Volume (LITERS)	pH (Units)	Specific Conductance (µS/cm @ 25° C/77°F)	ORP MV	Temp. °C	DO (mg/L)	FLOW RATE	Turbidity (NTU)
15:40	START	6.83	776	270	19.96	8.61	.15	6.1
15:43	.75	6.80	775	277	19.96	7.41	.15	3.2
15:46	.95	6.80	773	279	19.98	7.46	.15	2.3
15:49	1.40	6.80	773	282	19.92	7.19	.15	1.3
16:15	SAMPLE							

Odor at Sample: NO

Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
✓ Submersible Pump ___ Bailer (S Steel)
✓ Well Wizard ___ Dedicated
Other: ___

Sampling Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
✓ Submersible Pump ___ Bailer (S Steel)
✓ Well Wizard ___ Dedicated
Other: ___

Well Integrity: Good

Lock # N/C

Remarks: PID 6.4 ppm
The seal was broken when we open the lid
Seal # 0491676

Weather at purge: clear 72° NO wind Weather at sample: clear 72° NO wind

Meter Calibration at purge: Date: 7-1-00 Time: 7:30 Meter Serial #: ___ Temperature: ___°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Meter Calibration at sample: Date: 7-1-00 Time: 7:30 Meter Serial #: ___ Temperature: ___°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: office

Signature: Greg Jones Reviewed By: ___

Page 1 of ___

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INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472005

Site LF04, LF05, LF08 & Waste Pile 7

Location Code: LF05-5A

Sample Number: AA3025

Sample Name: LF05-5A-GW-AA3025-REG

Sampling Method: SP

Collection Date: 3-2-00

Collection Time: 10:30

Start Depth: 28.24

End Depth. Below Top of Pump A

Sample Team: D JONES B WALLACE

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode NI

Lot Control#:

Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

676 602

EMCON

Project No: 774902 Task No.: 30Ø1Ø190 Sample ID: LFO5-5A "AA3025"

Purged By: D. Jones Bob Wallace Site Name: Carswell AFB

Sampled By: D Jones Bob Wallace Location: Ft Worth, TX

Type: Ground Water (Ø) Surface Water ____ Treatment Effluent ____ Other: ____

Casing Diameter (inches): (2) 3 4 4.5 6 Other

Casing Elevation (feet/MSL): ____ Volume in Casing (gal): Low Flow

Depth to Water before Purge (feet): 28.24 Calculated Purge (gal): Low Flow

Depth of Well (feet): 30.870 Actual Purge (Liter) Below top of pump

Depth to Water at End of Purge (feet): Below top of pump Depth to Water at Sampling (feet): Below top of pump

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 3-2-00 Start: 9:00 End: 10:15

Date Sampled: 3-2-00 Start: 10:16 End: 10:36

Time	Volume (Liters)	pH (Units)	Specific Conductance (µS/cm @ 25° C/77°F)	ORP MV	Temp. (°C)	DO (mg/L)	Flow Rate (Liters/min)	Turbidity (NTU)
09:50	START	6.75	690	324	19.00	8.89	.15	824
09:55	.75	6.74	703	324	18.74	9.19	.15	102
10:00	1.50	6.77	706	324	18.83	8.67	.15	52
10:05	2.25	6.77	708	322	19.00	8.96	.15	21
10:10	3.00	6.77	710	318	18.99	10.00	.15	11
10:15	3.75	6.78	710	313	19.04	10.42	.15	7.2
10:30	SAMPLE							

Odor at Sample: NO Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
(Ø) Submersible Pump ____ Bailer (S Steel)
(Ø) Well Wizard ____ Dedicated
Other: ____

Sampling Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
(Ø) Submersible Pump ____ Bailer (S Steel)
(Ø) Well Wizard ____ Dedicated
Other: ____

Well Integrity: Good Lock #: ____

Remarks: PID 0.4 ppm
Sample Time 10:30

set top of pump at 26.47'

Weather at purge: overcast 55° 10 mph E Weather at sample: overcast 55° 10 mph E

Meter Calibration at purge: Date 3-2-00 Time 7:30 Meter Serial # ____ Temperature: ____°F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Meter Calibration at sample: Date 3-2-00 Time 7:30 Meter Serial # ____ Temperature: ____°F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Signature: Doug Jones Reviewed By: ____

676 603

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472003

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: LF05-5B

Sample Number. AA3026

Sample Name: LF05-5B-GW-AA3026-REG

Sampling Method: SP

Collection Date: 3/3/00

Collection Time: 11:05

Start Depth. 6.04

End Depth: 6.08

Sample Team: S. KENYON B. WALLACE

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: N1

Lot Control#:

Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date:

Reviewed BY / Date:

676 604

Water Sample Field Data Sheet

EMCON

Project No. 774902 Task No. 300 10 190 Sample ID LF05 5B "AA3026"

Purged By S. KENYON, B. WALLACE Site Name. CARSWELL AFB

Sampled By " " Location: FT. WORTH

Type Ground Water X Surface Water ____ Treatment Effluent ____ Other: ____

Casing Diameter (inches) 2 3 X 4 4.5 6 Other

Casing Elevation (feet/MSL) ____ Volume in Casing (gal): N/A

Depth to Water before Purge (feet): 6.04 Calculated Purge (gal): N/A

Depth of Well (feet) 12.40 Actual Purge (gal): N/A

Depth to Water at End of Purge (feet): 6.08 Depth to Water at Sampling (feet): 6.08

(All measurements are from top of casing unless otherwise indicated.)

Date Purged. 3/3/00 Start 10:49 End 11:01 Flow < 0.5 LPM

Date Sampled. 3/3/00 Start 11:05 End 11:15

Time	Volume (gal)	pH (Units) ±0.1	Specific Conductance (µS/cm @ 25° C/77°F) ±3%	ORP ±10mv	Temp. (°F)	DO (mg/L) ±10%	Color (Visual) Flow LPM	Turbidity (NTU) ±10%
10:49	START	6.57	1361.0	-8.7	15.38	12.15	0.1	4.02
10:53		6.60	1368.0	-11.4	15.78	9.85	0.1	3.61
10:57		6.63	1370.0	-13.5	15.71	12.52	0.1	3.25
11:01		6.65	1364.0	-14.4	15.45	9.89	0.1	2.92
11:05	SAMPLE	6.65	1364.0	-14.4	15.45	9.89	0.1	2.92

Odor at Sample: NONE Head Space Reading 0.0

Field QC samples collected at this well: ~~NONE~~ SAK EQUIP. BLANK - AA8019@11:30

Parameters field filtered at this well: NONE

Purging Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
X Well Wizard ____ Dedicated
Other ____

Sampling Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
X Well Wizard ____ Dedicated
Other: ____

Well Integrity: O.K. Lock # N/A

Remarks. PID READING: 0.0 ppm BOTTOM OF PUMP: ~~[illegible]~~ SK 9.03

SEAL #0194314

Weather at purge Partly cloudy, breezy Weather at sample: Partly cloudy, breezy

Meter Calibration at purge. Date. 3/3/00 Time. ____ Meter Serial # ____ Temperature. ____°F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: OFFICE

Meter Calibration at sample Date 3/3/00 Time: ____ Meter Serial # ____ Temperature: ____°F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: OFFICE

Signature [signature] Reviewed By ____

676 605

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

Site: LF04, LF05, LF08 & Waste Pile 7
Location Code. WP07-10C
Sample Number: AA3038
Sample Name. WP07-10C-GW-AA3038-REG
Sampling Method: SP

RFA / COC Number: 472003
Collection Date. 3/3/00
Collection Time: 13:42
Start Depth: 23.94
End Depth: 24.01
Sample Team: S. KENYON, B. WALLACE

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode. N1
Lot Control#.
Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date: _____ *Reviewed BY / Date:* _____

676 606

Water Sample Field Data Sheet

EMCON

Project No 774902 Task No.. 3001190 Sample ID: WP07-10C "AA 3038"

Purged By S. KENYON, B. WALLACE Site Name: CARSWELL AFB

Sampled By S. KENYON, B. WALLACE Location: FT. WORTH

Type Ground Water X Surface Water ___ Treatment Effluent ___ Other: ___

Casing Diameter (inches): 2 3 X 4 4.5 6 Other

Casing Elevation (feet/MSL). ___ Volume in Casing (gal): N/A

Depth to Water before Purge (feet): 23.94 Calculated Purge (gal): N/A

Depth of Well (feet): ___ Actual Purge (gal): N/A

Depth to Water at End of Purge (feet): 24.01 Depth to Water at Sampling (feet): 24.01

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 3/3/00 Start: 13:26 End: 13:38

Date Sampled: 3/3/00 Start: 13:42 End: 13:48

Time	Volume (gal)	pH (Units) ±.1	Specific Conductance (µS/cm @ 25° C/77°F) ± 3%	ORP ± 10 mv	Temp. (°F)	DO (mg/L) ±10%	LPM Flow ~~Color~~ ~~(Visual)~~	Turbidity (NTU) ±10%
13:26	START	6.50	1719.0	30.2	19.95	10.07	0.2	25.9
13:29		6.50	1702.0	29.5	19.92	12.33	0.2	18.9
13:32		6.51	1674.0	25.6	20.06	8.41	0.2	12.2
13:35		6.51	1651.0	24.5	20.00	8.53	0.2	8.20
13:38		6.52	1647.0	24.1	20.01	8.82	0.2	5.43
13:42	SAMPLE	6.52	1642.0	24.1	20.01	8.82	0.2	5.43

Odor at Sample: NONE Head Space Reading 1.7 ppm

Field QC samples collected at this well: NONE

Parameters field filtered at this well: NONE

Purging Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
X Well Wizard X Dedicated
Other: ___

Sampling Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
___ Submersible Pump ___ Bailer (S Steel)
X Well Wizard X Dedicated
Other: ___

Lock # 166

Well Integrity O.K.

Remarks: PID: 1.7 ppm

SEAL# 0194315

Weather at purge Cloudy, breezy, cold Weather at sample: Cloudy, breezy, cold

Meter Calibration at purge Date: 3/3/00 Time: ___ Meter Serial # ___ Temperature: ___°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration OFFICE

Meter Calibration at sample. Date: 3/3/00 Time ___ Meter Serial # ___ Temperature: ___°F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration OFFICE

Signature [signature] Reviewed By ___

676 607

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472003

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: WP07-10B

Sample Number: AA3037

Sample Name: WP07-10B-GW-AA3037-REG

Sampling Method: SP

Collection Date: 3/3/00

Collection Time: 15:10

Start Depth: 31.90

End Depth: 31.94

Sample Team: S. KENYON B. WALLACE

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: N1

Lot Control#.

Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

676 608

Water Sample Field Data Sheet

EMCON

Project No 774902 Task No 3001190 Sample ID. NP07 10B "AA70377

Purged By S. KENYON, B. WALLACE Site Name: CARSWELL AFB

Sampled By " " Location: FT. WORTH

Type. Ground Water X Surface Water ____ Treatment Effluent ____ Other ____

Casing Diameter (inches): 2 3 X 4 4.5 6 Other

Casing Elevation (feet/MSL) ____ Volume in Casing (gal): N/A

Depth to Water before Purge (feet): 31.90 Calculated Purge (gal): N/A

Depth of Well (feet) Top of Pump Pump 27.96 Below Top of Pump Actual Purge (gal). N/A

Depth to Water at End of Purge (feet). 31.94 Depth to Water at Sampling (feet): 31.94

→ DTW - 31.9 Total Depth 36.89

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 3/3/00 Start 14:58 End 15:04

Date Sampled 3/3/00 Start 15:10 End: 15:18

Time	Volume (gal)	pH (Units)	Specific Conductance (µS/cm @ 25° C/77°F)	ORP	Temp. (°F)	DO (mg/L)	Color (Visual) FLOW (LPM) SRK	Turbidity (NTU)
14:58	START	6.81	1289.0	114.9	17.50	9.69	SRK	0.00
15:01		6.80	1283.0	119.6	17.82	8.42	0.12	0.00
15:04		6.80	1288.0	121.5	17.91	8.55	0.12	0.00
15:10	SAMPLE	6.80	1288.0	121.5	17.91	8.55	0.12	0.00

Odor at Sample NONE Head Space Reading 564 ppm

Field QC samples collected at this well: NONE

Parameters field filtered at this well: NONE

Purging Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
X Well Wizard X Dedicated
Other ____

Sampling Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
____ Submersible Pump ____ Bailer (S Steel)
X Well Wizard X Dedicated
Other: ____

Well Integrity O.K. Lock # I/66 OK

Remarks Increased pump depth by appx. 2.5' to purge & sample.

Weather at purge Cloudy, breezy, cold Weather at sample: Cloudy, breezy, cold

Meter Calibration at purge Date 3/3/00 Time ____ Meter Serial # ____ Temperature: ____°F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration OFFICE

Meter Calibration at sample Date 3/3/00 Time ____ Meter Serial # ____ Temperature ____°F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration OFFICE

Signature [signature] Reviewed By ____

676 609

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

Site. LF04, LF05, LF08 & Waste Pile 7

Location Code: LF04-4F

Sample Number. AA3021

Sample Name: LF04-4F-GW-AA3021-REG

Sampling Method· SP

RFA / COC Number· 472006

Collection Date. 3-6-00

Collection Time: 10:00

Start Depth: 32.40

End Depth. Below top of pump

Sample Team· D. Jones B. Walker

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: N1

Lot Control#.

Sample Matrix· WG

Comments:

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

676-610

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472006

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: LF04-4F

Sample Number: AA3022

Sample Name: LF04-4F-GW-AA3022-FD

Sampling Method: SP

Collection Date: 3-6-00

Collection Time: ~~10:30~~ 10:00 3/13/00

Start Depth. 32.40

End Depth: 32.40

Sample Team: D. Jones B. Walker

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: FD1

Lot Control#:

Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

676 611 EMCON

Project No: 774902 Task No: 30010190 Sample ID: LF04-4F-GW-"AA3021"

Purged By: D. Jones B. Wallace Site Name: CARSWELL AFB

Sampled By: D. Jones B. Wallace Location: FT WORTH, TX

Type: Ground Water (X) Surface Water ____ Treatment Effluent ____ Other ____

Casing Diameter (inches): (2) 3 4 4.5 5 Other

Casing Elevation (feet/MSL): ____ Volume in Casing (gal): LOW FLOW

Depth to Water before Purge (feet): 32.40 Calculated Purge (gal): LOW FLOW

Depth of Well (feet): 37.10 Actual Purge (gal): 2.10

Depth to Water at End of Purge (feet): Below top of Pump Depth to Water at Sampling (feet): Below top of the pump

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 3-6-00 Start: 8:30 End: 9:45

Date Sampled: 3-6-00 Start: 9:46 End: 10:15

Time	Volume (L)	pH (Units)	Specific Conductance (µS/cm @ 25° C)	ORP	Temp. (°C)	DO (mg/L)	Flow Rate L/min.	Turbidity (NTU)
9:20	START	6.60	647	214	19.96	6.19	.15	1.1
9:23	.75	6.71	648	210	19.97	6.48	.15	0.5
9:26	1.20	6.75	649	206	20.08	6.35	.15	0.3
9:29	1.65	6.80	651	201	20.21	6.23	.15	0.1
9:32	2.10	6.81	652	199	20.24	6.16	.15	0.01
10:00	SAMPLE							

Odor at Sample: NO Head Space Reading: NO

Field QC samples collected at this well: Field Duplicate "AA3022" @ 10:30

Parameters field filtered at this well: NO

Purging Equipment: ____ Disposable Bailer ____ Peristaltic Pump (X) Submersible Pump (X) Well Wizard ____ Bailer (PVC) ____ Bailer (Teflon) ____ Bailer (S Steel) ____ Dedicated ____ Other

Sampling Equipment: ____ Disposable Bailer ____ Peristaltic Pump (X) Submersible Pump (X) Well Wizard ____ Bailer (PVC) ____ Bailer (Teflon) ____ Bailer (S Steel) ____ Dedicated ____ Other

Well Integrity: Good Lock #: ____

Remarks: PID - 0.0 ppm

Field Dup at 10:30 "AA3022"
Seal # 0194301
Top of pump set at 31.75'

Weather at purge: Partly cloudy 60° No wind Weather at sample: Partly cloudy 60° 5mph E

Meter Calibration at purge: Date: 3-6-00 Time: 8:00 Meter Serial #: ____ Temperature: ____°F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Meter Calibration at sample: Date: 3-6-00 Time: 8:00 Meter Serial #: ____ Temperature: ____°C

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Signature: Doug Jones Reviewed By: ____ Page 1 of 2

676 612

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472006

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: LF05-5E

Sample Number: AA3028

Sample Name: LF05-5E-GW-AA3028-REG

Sampling Method: SP

Collection Date: 3-6-00

Collection Time: 11:15

Start Depth: 29.97

End Depth: Below top of pump

Sample Team: D. Jones B. Wallace

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: N1

Lot Control#:

Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

676 613

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472006

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code. LF05-5E

Sample Number. AA3029

Sample Name: LF05-5E-GW-AA3029-FD

Sampling Method. SP

Collection Date: 3-6-00 TOP 3/13/00

Collection Time: ~~11:45~~ 11:15

Start Depth: 29.97

End Depth: Below Top of Pump

Sample Team: O. Jones B. Wallace

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode. FD1

Lot Control#:

Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

676 611

EMCON

Project No. 774902 Task No. 30 01 190 Sample ID LF05-5E "AA 3028"

Purged By D JONES Bob wallace Site Name: CARSWELL AFB

Sampled By D JONES Bob wallace Location: CARSWELL AFB

Type: Ground Water ____ Surface Water ____ Treatment Effluent ____ Other ____

Casing Diameter (inches): 2 3 4 4.5 5 Other ____

AA 3029

Casing Elevation (feet/MSL): ____

Depth to Water before Purge (feet): 29.97

Depth of Well (feet): 35.85

Depth to Water at End of Purge (feet): ____

Volume in Casing (gal): LOW FLOW

Calculated Purge (L): LOW FLOW

Actual Purge (Liters): 1.5

Depth to Water at Sampling (feet): Below top of Pump

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 3-6-00 Start: 10:40 End: 11:10

Date Sampled: 3-6-00 Start: 11:10 End: 11:45

Seal # 0194302

Time	Volume (L)	pH (units)	Specific Conductance (µS/cm @ 25° C)	ORP MV	Temp. (°C)	DO (mg/L)	Flow Rate L/min (gal)	Turbidity (NTU)
10:57	START	6.86	702	174	20.36	8.82	.10	2.9
10:00	.5	6.83	701	177	20.36	8.02	.10	3.9
11:03	.8	6.82	702	181	20.30	8.21	.10	2.8
11:06	1.1	6.82	702	184	20.22	8.25	.10	2.1
11:09	1.4	6.82	706	185	20.32	8.17	.10	1.2
11:15	SAMPLE							

Odor at Sample: ____ Head Space Reading: N/A

Field QC samples collected at this well: Field Dup "AA 3029" 10:45

Parameters field filtered at this well: NO

Purging Equipment

- ____ Disposable Bailer
- ____ Peristaltic Pump
- X Submersible Pump
- X Well Wizard
- ____ Bailer (PVC)
- ____ Bailer (Teflon)
- ____ Bailer (S Steel)
- ____ Dedicated

Other: ____

Sampling Equipment

- ____ Disposable Bailer
- ____ Peristaltic Pump
- X Submersible Pump
- X Well Wizard
- ____ Bailer (PVC)
- ____ Bailer (Teflon)
- ____ Bailer (S Steel)
- ____ Dedicated

Other: ____

Well Integrity: Good Lock #: ____

Remarks: PID 0.5 ppm
Field Dup Taken at 11:45

Seal #0194302
SET TOP of Pump at 29.91

Weather at purge: cloudy 60° 10mph NE Weather at sample: cloudy 62° 10mph NE

Meter Calibration at purge: Date: 3-6-00 Time: 7:30 Meter Serial #: ____ Temperature: ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Meter Calibration at sample: Date: 3-6-00 Time: 7:30 Meter Serial #: ____ Temperature: ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Signature: Doug Jones Reviewed By: ____

676 615

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472007

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: FT09-12D

Sample Number: AA3019

Sample Name: FT09-12D-GW-AA3019-REG

Sampling Method: SP

Collection Date: 3-6-00

Collection Time: 13:30

Start Depth: 33.71

End Depth: Below top of Ramp

Sample Team: D. Jones B. Wallace

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: N1

Lot Control#:

Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

676 616

EMCON

Project No: 774902 Task No: 30010190 Sample ID: FT09-12D "AA3019"

Purged By: D. JONES B Wallace Site Name: CARSWELL AFB

Sampled By: D JONES B Wallace Location: FT WORTH, TX

Type: Ground Water (X) Surface Water ____ Treatment Effluent ____ Other: ____

Casing Diameter (inches): (2) 3 4 4.5 5 Other

Casing Elevation (feet/MSL): ____ Volume in Casing (gal): LOW FLOW

Depth to Water before Purge (feet): 33.71 Calculated Purge (L): LOW FLOW

Depth of Well (feet): 37.4 Actual Purge (L): 1.7

Depth to Water at End of Purge (feet): BELOW TOP of PUMP Depth to Water at Sampling (feet): BELOW TOP

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 3-6-00 Start: 12:30 End: 13:20

Date Sampled: 3-6-00 Start: 13:20 End: 13:40

Time	Volume (L)	pH (Units)	Specific Conductance (µS/cm @ 25° C/T°C)	ORP (mV)	Temp. (°C)	DO (mg/L)	Flow Rate L/min	Turbidity (NTU)
13:05	START	6.90	686	185	22.18	9.49	.10	6.3
13:08	.8	6.89	692	203	21.78	9.07	.10	5.9
13:11	1.1	6.88	679	216	21.61	8.80	.10	5.1
13:14	1.4	6.88	679	225	21.57	8.67	.10	4.6
13:17	1.7	6.88	682	225	21.73	8.73	.10	3.2
13:30	SAMPLE							

Odor at Sample: NO Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
(X) Submersible Pump ____ Bailer (S Steel)
(X) Well Wizard ____ Dedicated
Other: ____

Sampling Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
(X) Submersible Pump ____ Bailer (S Steel)
(X) Well Wizard ____ Dedicated
Other: ____

Well Integrity: Good Lock #: ____

Remarks: PID 99.9 ppm

Seal # 0194308

SET TOP of Pump at 32.55'

Weather at purge: cloudy, 65° 10 mph NE Weather at sample: cloudy, 65° 10 mph NE

Meter Calibration at purge: Date: 3-6-00 Time: ____ Meter Serial #: 8:00 Temperature: ____°F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Meter Calibration at sample: Date: 3-6-00 Time: 8:00 Meter Serial #: ____ Temperature: ____°F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Signature: Doug Jones Reviewed By: ____ Page 1 of 2

676 617

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472007

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code: ~~LF05-5H~~ WHGLTA 702

Sample Number: AA3030

Sample Name: ~~LF05-5H-GW-AA3030-REG~~ WHGLTA702-GW-AA3030-REG

Sampling Method: SP

Collection Date: 3-6-00

Collection Time: 16:45

Start Depth: 14.26

End Depth: 14.26

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

Sample Team: D. Jones B. Wallace

ERPIMS Values:

Sacode: N1

Lot Control#.

Sample Matrix: WG

Comments: This is the Replacement well for LF05-5H which was DRY

Sketch Location:

13.80
14.70

Logged BY / Date:

Reviewed BY / Date:

676 618

EMCON

Project No: 774902 Task No: 30010190 Sample ID: WHGLTA702 "AA 3030"

Purged By: D JONES B Wallace Site Name: CARSWELL AFB

Sampled By: D JONES B Wallace Location: FT WORTH, TX

Type: Ground Water (A) Surface Water ____ Treatment Effluent ____ Other: ____

Casing Diameter (inches): (2) 3 4 4.5 5 Other

Casing Elevation (feet/MSL): ____

Depth to Water before Purge (feet): 14.26

Depth of Well (feet): 21.60

Depth to Water at End of Purge (feet): 14.26

Volume in Casing (gal): L — Low Flow

Calculated Purge (gal): L — Low Flow

Actual Purge (gal): L — 4.40

Depth to Water at Sampling (feet): 14.26

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 3-6-00 Start: 15:30 End: 16:33

Date Sampled: 3-6-00 Start: 16:35 End: 16:50

Time	Volume (gal)	pH (Units)	Specific Conductance (uS/cm @ 25° C)	MV ORP	Temp. (°C)	DO (mg/L)	Flow Rate L/min	Turbidity (NTU)
15:55	START	6.79	837	105	20.31	6.37	.10	282
16:00	1.40	6.78	837	97.4	20.29	7.43	.10	344
16:05	1.90	6.78	837	90.1	20.32	7.47	.10	170
16:10	2.40	6.78	834	85.9	20.33	7.49	.10	91
16:15	2.90	6.78	833	82.9	20.41	7.87	.10	57
16:20	3.40	6.79	823	78.6	20.19	7.92	.10	42
16:25	3.90	6.79	822	78.1	20.19	8.02	.10	33
16:30	4.40	6.79	820	76.3	20.15	8.03	.10	25

Odor at Sample: ____ Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment: ____ Disposable Bailer ____ Bailer (PVC) ____ Peristaltic Pump ____ Bailer (Teflon) (X) Submersible Pump ____ Bailer (S Steel) (X) Well Wizard ____ Dedicated Other: ____

Sampling Equipment: ____ Disposable Bailer ____ Bailer (PVC) ____ Peristaltic Pump ____ Bailer (Teflon) (X) Submersible Pump ____ Bailer (S Steel) (X) Well Wizard ____ Dedicated Other: ____

Well Integrity: ____ Lock #: ____

Remarks: PID 2.5 ppm
This is the Replacement well for LF05-5H which was a DRY well
* Sampled 16:45 Seal # 014431T
D.O & all other stabilized ok to sample
SET top of pump at 14.93

Weather at purge: cloudy 65° 10 mph E Weather at sample: cloudy 65° 10 mph E

Meter Calibration at purge: Date: 3-6-00 Time: 8:00 Meter Serial #: ____ Temperature: ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Meter Calibration at sample: Date: 3-6-00 Time: 8:00 Meter Serial #: ____ Temperature: ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Signature: Doug Jones Reviewed By: ____

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676 619

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472008

Site. LF04, LF05, LF08 & Waste Pile 7

Location Code: WHGLTA703

Sample Number. AA3034

Sample Name. WHGLTA703-GW-AA3034-REG

Sampling Method: SP

Collection Date: 3-7-00

Collection Time: 10:10

Start Depth: ~~14.46~~ 19.8

End Depth: 14.40

Sample Team. O. Jones B. Wilkie

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: N1

Lot Control#:

Sample Matrix: WC

Comments:

Sketch Location:

Logged BY / Date:

Reviewed BY / Date:

676 620

EMCON

Project No: 774902 Task No: 30 01 90 Sample ID: WHGLTA703 "AA703 4"

Purged By: D JONES B Wallace Site Name: CARSWELL AFB

Sampled By: D JONES B Wallace Location: FT WORTH, TX

Type: Ground Water (✓) Surface Water ____ Treatment Effluent ____ Other ____

Casing Diameter (inches): (2) 3 4 4.5 5 Other ____

Casing Elevation (feet/MSL): ____ Volume in Casing (L): LOW FLOW

Depth to Water before Purge (feet): PD 19.80 Calculated Purge (L): LOW FLOW

Depth of Well (feet): 29.00 Actual Purge (L): 3.14

Depth to Water at End of Purge (feet): 19.80 Depth to Water at Sampling (feet): 19.80

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 3-6-00 Start: 14:00 End: 14:45

Date Sampled: 3-6-00 Start: 14:46 End: 15:00

Time	Volume (L)	pH (Units)	Specific Conductance (µS/cm @ 25°C)	ORP MV	Temp (°C)	DO (mg/L)	Flow Rate L/min	Turbidity (NTU)
14:20	START	6.66	935	86.5	21.43	8.26	.11	27
14:24	.94	6.64	935	81.9	21.31	8.36	.11	40.2
14:28	1.38	6.63	934	80.2	21.25	8.35	.11	48.2
14:32	1.82	6.63	934	78.8	21.23	8.52	.11	46.7
14:36	2.26	6.63	937	79.2	21.36	8.23	.11	41.8
14:40	2.70	6.63	941	80.0	21.47	8.24	.11	36.7
14:44	3.14	6.63	942	79.9	21.52	8.39	.11	32.1
14:50	SAMPLE							

Odor at Sample: NO Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
(✓) Submersible Pump ____ Bailer (S Steel)
(✓) Well Wizard ____ Dedicated
Other: ____

Sampling Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
(✓) Submersible Pump ____ Bailer (S Steel)
(✓) Well Wizard ____ Dedicated
Other: ____

Well Integrity: Good Lock #: ____

Remarks: PID 50.2 ppm
Sampled 14:50

Seal # 0194317
top of pump set at 21.40'

Weather at purge: cloudy 65° 10 mph NE Weather at sample: cloudy 65° 10 mph NE

Meter Calibration at purge: Date: 3-6-00 Time: 8:00 Meter Serial #: ____ Temperature: ____°F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Meter Calibration at sample: Date: 3-6-00 Time: 8:00 Meter Serial #: ____ Temperature: ____°C

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Signature: [signature] Reviewed By: ____ Page ____ of ____

676 621

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number. 472008

Site: **LF04, LF05, LF08 & Waste Pile 7**

Location Code: **LF05-5C**

Sample Number. **AA3027**

Sample Name: **LF05-5C-GW-AA3027-REG**

Sampling Method: **SP**

Collection Date: 3-7-00

Collection Time: 10:10

Start Depth: 14.46

End Depth: 14.40'

Sample Team: D. Jones B. Wolkee

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: N1

Lot Control#.

Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

676 622

EMCON

Project No: 774902 Task No: 20Ø0190 Sample ID: LF05-5C AA3027

Purged By: D. JONES B wallace Site Name: CARSWELL AFB

Sampled By: D. JONES B wallace Location: FT WORTH, TX

Type: Ground Water (A) Surface Water ____ Treatment Effluent ____ Other ____

Casing Diameter (inches): (2) 3 4 4.5 5 Other

Casing Elevation (feet/MSL): ____ Volume in Casing (gal): LOW FLOW

Depth to Water before Purge (feet): 14.46 Calculated Purge (~~gal~~ L): LOW FLOW

Depth of Well (feet): 21.24 Actual Purge (~~gal~~ L): 2.10

Depth to Water at End of Purge (feet): 14.40 Depth to Water at Sampling (~~feet~~ L): 14.40

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 3-7-00 Start: 09:20 End: 10:00

Date Sampled: 3-7-00 Start: 10:01 End: 10:20

Time	Volume (~~gal~~ L)	pH (units)	Specific Conductance (µS/cm @ 25° C)	MV CRP	Temp. (~~F~~ C)	DO (mg/L)	Flow Rate L/min (~~gpm~~)	Turbidity (NTU)
9:38	START	6.69	718	291	19.93	1.72	.12	18.7
9:41	.66	6.70	718	275	19.94	1.52	.12	15.7
9:44	1.02	6.76	718	268	19.97	1.42	.12	11.8
9:47	1.38	6.79	718	265	19.96	1.32	.12	8.54
9:50	1.74	6.82	719	264	19.97	1.28	.12	7.04
9:53	2.10	6.82	720	264	20.00	1.32	.12	4.74
10:10	SAMPLE							

Odor at Sample: ____ Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
(A) Submersible Pump ____ Bailer (S Steel)
(B) Well Wizard ____ Dedicated
Other: ____

Sampling Equipment

____ Disposable Bailer ____ Bailer (PVC)
____ Peristaltic Pump ____ Bailer (Teflon)
(A) Submersible Pump ____ Bailer (S Steel)
(B) Well Wizard ____ Dedicated
Other: ____

Well Integrity: ____ Lock #: ____

Remarks: PID - 0.0
sampled 10:10
seal # 0194319

set the top of the pump at 14.85

Weather at purge: OVERCAST 60° 20mph S Weather at sample: OVERCAST 60° 20mph S.

Meter Calibration at purge: Date: 3-7-00 Time: 7:30 Meter Serial #: ____ Temperature: ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Meter Calibration at sample: Date: 3-7-00 Time: 7:30 Meter Serial #: ____ Temperature: ____ °F

(SC 1413 ____/____) (pH 7 ____/____) (pH 10 ____/____) (pH 4 ____/____)

Location of previous calibration: office

Signature: Douglas Jones Reviewed By: ____ Page ____ of ____

676 623

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 774902 Carswell AFB DO0003

Manager: Mr. Will Carter

RFA / COC Number: 472008

Site: LF04, LF05, LF08 & Waste Pile 7

Location Code. WP07-10A

Sample Number: AA3036

Sample Name: WP07-10A-GW-AA3036-REG

Sampling Method. SP

Collection Date: 3-7-00

Collection Time: 11:25

Start Depth: 32.30

End Depth: Below top of pump

Sample Team: D. Jones B. Wallace

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
O,O,O-TEPP	N	A	2	1	L	Amb. Glass

ERPIMS Values:

Sacode: N1

Lot Control#:

Sample Matrix: WG

Comments:

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

676 621

EMCON

Project No: 774902 Task No: 30010190 Sample ID: WP07-10A-AA3075

Purged By: D. JONES B Wallace Site Name: CARSWELL AFB

Sampled By: D. JONES B Wallace Location: FT WORTH, TX

Type: Ground Water (✓) Surface Water ___ Treatment Effluent ___ Other: ___

Casing Diameter (inches): (2) 3 4 4.5 5 Other ___

Casing Elevation (feet/MSL): ___ Volume in Casing (gal): LOW FLOW

Depth to Water before Purge (feet): 32.30 Calculated Purge [redacted] L: LOW FLOW

Depth of Well (feet): 38.05 Actual Purge [redacted] L: 2.90

Depth to Water at End of Purge (feet): Below Top of Pump Depth to Water at Sampling (feet): Below Top of Pump

(All measurements are from top of casing unless otherwise indicated.)

Date Purged: 3-7-00 Start: 10:30 End: 10:20

Date Sampled: 3-7-00 Start: 11:23 End: 11:45

Time	Volume [redacted] L	pH (Units)	Specific Conductance (µS/cm @ 25° C)	ORP	Temp. [redacted] C	DO (mg/L)	Flow Rate L/min [redacted]	Turbidity (NTU)
11:00	START	6.67	826	285	20.90	0.65	.15	2.78
11:03	.65	6.68	828	276	20.95	0.63	.15	1.84
11:06	1.10	6.67	848	270	20.93	0.50	.15	0.74
11:09	1.55	6.66	871	266	20.99	0.50	.15	0.61
11:12	2.00	6.65	886	262	20.96	0.48	.15	0.82
11:15	2.45	6.65	888	261	21.12	0.47	.15	0.55
11:18	2.90	6.65	895	260	21.20	0.47	.15	0.32
11:25	SAMPLE							

Odor at Sample: NO Head Space Reading: N/A

Field QC samples collected at this well: NO

Parameters field filtered at this well: NO

Purging Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
(✓) Submersible Pump ___ Bailer (S Steel)
(✓) Well Wizard ___ Dedicated
Other: ___

Sampling Equipment

___ Disposable Bailer ___ Bailer (PVC)
___ Peristaltic Pump ___ Bailer (Teflon)
(✓) Submersible Pump ___ Bailer (S Steel)
(✓) Well Wizard ___ Dedicated
Other: ___

Well Integrity: Good Lock #: ___

Remarks: PID-0.0

sampled 11:25
seal # 0194320
set top of pump at 32.12

Weather at purge: overcast 62° 20mph S Weather at sample: overcast 62° 20mph S

Meter Calibration at purge: Date: 3-7-00 Time: 7:30 Meter Serial #: ___ Temperature: ___ °F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: ___

Meter Calibration at sample: Date: 3-7-00 Time: 7:30 Meter Serial #: ___ Temperature: ___ °F

(SC 1413 ___/___) (pH 7 ___/___) (pH 10 ___/___) (pH 4 ___/___)

Location of previous calibration: OFFICE

Signature: [signature] Reviewed By: ___

INTERNATIONAL TECHNOLOGY CORPORATION

DATE	04 26 00
TIME	1 1 2 5
PAGE	1 OF 1
PAGE	
PROJECT NO	774902

SAMPLE COLLECTION LOG

PROJECT NAME NAS FT WORTH

SAMPLE NO WITCTA60

SAMPLE LOCATION WITCTA 60

SAMPLE TYPE water

COMPOSITE ____ YES X NO

COMPOSITE TYPE

DEPTH OF SAMPLE

WEATHER clear 65° NO WIND

CONTAINERS USED	AMOUNT COLLECTED
3 40mL	120 mL

COMMENTS

9:20 water level 20.56
TD 33.19
water column 12.63 2.05 = 1 Vol 6.2 = 3 Vol
BOTTOM of Pump set at 26.87 TOP 23.87

FLOW RAT set at 0.2 L/min

10:25 STARTED Field MEASUREMENTS
11:05 TURBIDITY STAYING CONSTANT at around 40 NTU
11:20 TURBIDITY unchanged, I'm collecting sample
all other parameter stable

sampled collected 11:25
Total Volume Removed 8.0gal
11:40 DECON
11:50 END

PREPARED BY D Jones

676 626

INTERNATIONAL TECHNOLOGY CORPORATION

DATE	0 4 2 6 0 0
TIME	1 3 5 0
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PAGE	
PROJECT NO	774902

SAMPLE COLLECTION LOG

PROJECT NAME NAS FT WORTH

SAMPLE NO

SAMPLE LOCATION WITCTA059

SAMPLE TYPE

COMPOSITE ____ YES X NO

COMPOSITE TYPE

DEPTH OF SAMPLE

WEATHER Partly cloudy 65° 10 mph S

CONTAINERS USED	AMOUNT COLLECTED

COMMENTS

12:05 set up exclusion zone
12:10 PID 0.0
water level 29.62 1 Vol = 1.6
TD 39.18 3 Vol = 4.7
w.c. 9.56
Bottom of Pump set at 33.40 30.40 Top of Pump
12:35 started flow set at 600 ml/min with 0.0 draw down
or .15 gal/min 0.75 gal/5 min
12:50 started field parameters
13:50 turbidity is stable at 20 to 17 NTU for
the last 30 min. ok'd to take a sample
Total vol 10.75 gal
14:15 END

PREPARED BY: _____

INTERNATIONAL TECHNOLOGY CORPORATION

DATE	0	4	2	6	0	0
TIME	1	6	3	0		
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PROJECT NO.						

SAMPLE COLLECTION LOG

PROJECT NAME NAS Ft Worth

SAMPLE NO

SAMPLE LOCATION WITCTA057

SAMPLE TYPE water

COMPOSITE ____ YES ____ NO

COMPOSITE TYPE

DEPTH OF SAMPLE

WEATHER clear 90° 5mph NE

CONTAINERS USED	AMOUNT COLLECTED
3 40ml	120 ml

COMMENTS

14:15 SET UP exclusion zone
14:20 PID 0.0
WL 30.90'
TD 42.57'
WC 11.67'
1 Vol = 1.9 gal
3 Vol = 5.70 gal
The Bottom of the pump was SET at 36.74' Top 33.74'

14:45 Started pump - water level at 30.90
15:10 Flow Rate 1.5 ml/min or .04 gal/min

16:25 Field parameter stable Turbidity under 10
16:30 sampled 3 VOC 40 ml 8260
16:40 DECON
16:50 END Total Vol Removed 5.5 gal

PREPARED BY

36.13 W.C
41.10 TD

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INTERNATIONAL TECHNOLOGY CORPORATION

DATE	0	4	2	6	0	0
TIME	1	8	2	0		
PAGE ____ OF ____						
PAGE						
PROJECT NO 774902						

SAMPLE COLLECTION LOG

PROJECT NAME NAS Ft Worth

SAMPLE NO

SAMPLE LOCATION WITCT A068

SAMPLE TYPE

COMPOSITE ____ YES 0 NO

COMPOSITE TYPE

DEPTH OF SAMPLE

WEATHER clear 90° 10 mph W

CONTAINERS USED	AMOUNT COLLECTED
3 40 mL VOA	120 mL

COMMENTS

16:50
16:55 PID 35.6 ppm
31.13 WATER LEVEL
41.10 T.D.
9.97 W.C.
1.6 1 VOLUME
4.9 3 VOLUMES

Bottom of the pump set at 36.10 Top at 33.10

17:15 Started pump

Flow Rate 200 mL/min .06 gal/min
14:40 I forgot to remove the plastic cup covering the probes "Removed at 14:41
18:15 Field parameters stable
18:20 sampled 7 VOC
18:30 cleaned up

PREPARED BY

676 628A

FINAL PAGE

PART I

ADMINISTRATIVE RECORD

PART I

FINAL PAGE