APPENDIX B

SAMPLE COLLECTION LOGS AND ANALYSIS REQUEST/CHAIN-OF-CUSTODY RECORDS

SAMPLE COLLECTION LOGS

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501-EMAX

Site: Range I (Parcel 201)

Location Code: RNG-201-MW01

Sample Number: HU0001

Sample Name: RNG-201-MW01-SS-HU0001-REG

Sampling Method: DP

Collection Date: 8/15/01

Collection Time: 1000

Start Depth: ~~01~~ 0

End Depth: 1

Sample Team: J. Dendy
Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 Bz=0.0

Sketch Location: See sample number HU0016

Logged BY / Date: [signature]

Reviewed BY / Date: [signature] 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501-EMBX

Site: **Range I (Parcel 201)**
Location Code: **RNG-201-MW01**
Sample Number: **HU0001-MS**
Sample Name: **RNG-201-MW01-SS-HU0001-MS**
Sampling Method: **DP**

Collection Date: 8/15/01
Collection Time: 1000

Start Depth: 0
End Depth: 1

Sample Team: J. Dendy
Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID = 0.0 BZ = 0.0

Sketch Location: See sample number HU0016

Logged BY / Date: James Dendy

Reviewed BY / Date: [illegible] 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501-EMAK

Site: **Range I (Parcel 201)**
Location Code: **RNG-201-MW01**
Sample Number: **HU0001-MSD**
Sample Name: **RNG-201-MW01-SS-HU0001-MSD**
Sampling Method: **DP**

Collection Date: 8/15/01
Collection Time: 1000

Start Depth: 0
End Depth: 1

Sample Team: J. Deady
Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: ~~See sample number~~ (2P)
PID = 0.0 BZ = 0.0

Sketch Location: See sample number HU0016

Logged BY / Date: James Deady

Reviewed BY / Date:

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501-EMAX

Site: **Range I (Parcel 201)**
Location Code: **RNG-201-MW01**
Sample Number: **HU0002**
Sample Name: **RNG-201-MW01-DS-HU0002-REG**
Sampling Method: **DP**

Collection Date: 8/15/01
Collection Time: 1015
Start Depth: 10
End Depth: 12

Sample Team: J. Dundy
Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0

Sketch Location: See sample number HU0016

Logged BY / Date: James Dundy

Reviewed BY / Date: Keith Hogan / 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 201-020102-STL
201-~~202~~ 020102-EMAX

Location Code: RNG-201-MW01
Sample Number: HU3001
Sample Name: RNG-201-MW01-GW-HU3001-REG
Sampling Method: ~~SP~~ PP
Sample Type: GW *Sample Purpose:* REG

Collection Date: 01/31/02
Collection Time: 1345
Start Depth: 21.92' bTOC
End Depth: 21.98' bTOC
Sample Matrix: WATER
Sample Team: N. Muloski / R. Gorin

QC Partners:
(TB) ~~0201~~ 013102-TB (ER) 020102-ER (FB) NA

ERPIMS Values:
Sacode:
Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
METALS-W	N	C	1	1	L	HDPE
NITROAROMATI	N	D	2	1	L	Amb. Glass
CWM BREAKDO	N	E	1	1	L	Amb. Glass
ORTHOSULFUR	N	F	1	1	L	Amb. Glass

Comments: PID (background) = 0.0 PID (well head) = 0.0. Volatiles preserved with HCl pH < 2, Metals preserved with HNO_4 pH < 2.

Sketch Location:

Logged BY / Date: N. Muloski / 01-31-02 *Reviewed BY / Date:* DeKa 01-31-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **RNG-201-MW01**

Sample Number: **HU3001**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen ~~(ppm)~~ mg/L	Temperature (C)	Purge Volume (gal)
	1000	21.60	~~4.88~~ 223 NC	4.88	0.001	18.9	10.16	17.6	Ø
	1030	21.77	~~5.02~~ 218 NC	5.02	0.085	12.3	10.65	17.2	1.05
	1100	21.80	~~5.31~~ 205 NC	5.31	0.086	11.6	10.76	17.6	2.10
	1130	21.82	~~5.42~~ 207 NC	5.42	0.086	12.2	10.82	17.8	3.15
	1200	21.87	~~5.20~~ 197 NC	5.20	0.087	12.2	11.24	17.6	4.20
	1230	21.85	200	5.39	0.086	12.6	11.09	17.6	5.37
	1300	21.88	199	5.33	0.086	14.0	11.33	17.6	6.54
	1325	21.91	198	5.25	0.088	11.2	11.23	17.8	7.52
	1330	21.92	199	5.17	0.084	10.3	11.16	17.8	7.72
	1335	21.92	208	5.20	0.080	9.9	10.94	17.4	7.91
	1340	21.93	200	5.29	0.083	10.0	11.04	17.5	8.10
Sample:	1345	21.92	205	5.34	0.083	9.6	11.15	NC 17.6	8.29

01/31/02

DTW = 21.60' BTOC

TD = 36.92' BTOC

Well Volume = (36.92 − 21.60) × 0.163 = 2.50 gal.

~~3~~ well vol. = 7.49 gal.

~~5~~ well vol. = 12.48 gal.

Logged BY / Date: N. Malosh / 01/31/02 *Reviewed BY / Date:* Deka 01-31-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-0816a-EMAR

Site: **Range I (Parcel 201)**

Location Code: **RNG-201-MW02**

Sample Number: **HU0003**

Sample Name: **RNG-201-MW02-SS-HU0003-REG**

Sampling Method: **DP**

Collection Date: 8/15/01

Collection Time: ~~0930~~ 1010

Start Depth: 0

End Depth: 1

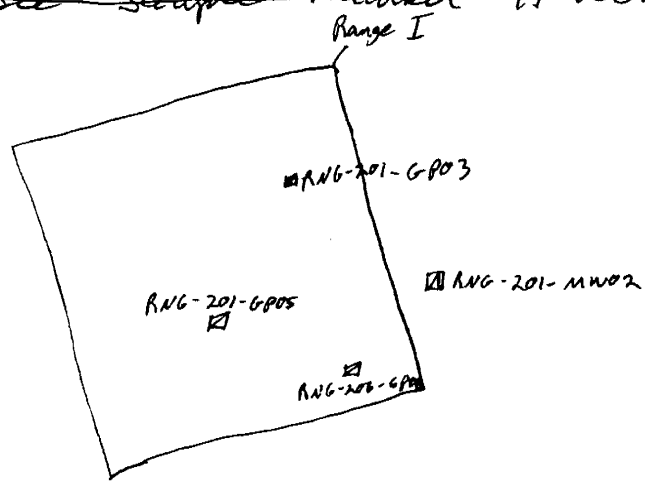
Sample Team: J. Dendy, Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID = 0.0 BZ = 0.0

Sketch Location: ~~See sample number HU0016~~ 4.28.01



Logged BY / Date: [signature]

Reviewed BY / Date: [signature] 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081601-EMAC

Site: **Range I (Parcel 201)**
Location Code: **RNG-201-MW02**
Sample Number: **HU0004**
Sample Name: **RNG-201-MW02-DS-HU0004-REG**
Sampling Method: **DP**

Collection Date: 8/16/01
Collection Time: 1025
Start Depth: 10
End Depth: 12

Sample Team: J. Deady
Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0

Sketch Location: See sample number ~~HU0016~~ HU0003

Logged BY / Date: James Deady

Reviewed BY / Date: Keith Hogan / 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 800486 Fort McClellan

Manager: Jeanne Yacoub

Site: Range I, Parcel 201 ~~Basewide Grouping of all locations~~

Location Code: RNG-201-MW02

Sample Number: HU3002

Sample Name: RNG-201-MW02-GW-HU3002-REG

Sampling Method: ~~SP~~ BP

RFA / COC Number: 201-D92601-EMAX

Collection Date: 9/25/01

Collection Time: 1325

Start Depth: 36.56

End Depth: 37.33

Sample Team: R. Goins, Z. Parhan

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
METALS-W	N	C	1	1	L	HDPE
NITROAROMATIC	N	D	2	1	L	Amb. Glass
CWM BREAKDOW	N	E	1	1	L	Amb. Glass
ORTHOSULFUR	N	F	1	1	L	Amb. Glass

Comments: PID: Bkgd - 0.0 ppm, Well Head - 0.0 ppm

TB2

Sketch Location:

Logged BY / Date: Reynold Davis / 9-25-10

Reviewed BY / Date: [signature] 9-25-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 800486 Fort McClellan

Manager: Jeanne Yacoub

Location Code: **RNG-201-MW02**

Sample Number: **HU3002**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
RDG									
	1110	36.56	267	5.70	0.055	631	9.56	19.31	— 0.125gal
	1120	36.87	287	6.10	0.062	640	8.92	17.00	1.25 0.07gal
	1140	36.93	254	5.72	0.051	131	10.46	21.23	2.65
	1210	37.04	240	6.27	0.094	135	11.21	23.30	4.75
	1240	37.28	324	7.24	0.072	28.	11.43	20.31	6.85
	1310	37.30	389	6.09	0.065	33	12.35	18.25	8.95
	1325	37.33	371	6.28	0.063	29	11.58	18.02	10.00
	1530	37.33	383	6.06	0.069	12.4	10.32	18.95	10.00
					Last parameter taken after all samples were collected.				
Sample:	1325	37.33	371	6.28	0.063	29	11.58	18.02	10.00

TD: 45.1
DTW: 36.56
8.54 x 0.163 = 1.39 gal
1.39 x 3 = 4.17 gal
1.39 x 5 = 6.95 gal

Vol fraction pH < 2
Metals pH < 2

Logged BY / Date: Reginald Davis / 9-25-01 *Reviewed BY / Date:* [illegible] 9-25-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 800486 Fort McClellan

Manager: Jeanne Yacoub

Site: ~~Basewide Grouping of all locations~~ Range I, Parcel 201

Location Code: RNG-201-MW02

Sample Number: HU3003

Sample Name: RNG-201-MW02-GW-HU3003-FD

Sampling Method: ~~SP~~ BP

RFA / COC Number: 201-D92601-EMAX

Collection Date: 9/25/01

Collection Time: 1325

Start Depth: 36.56

End Depth: 37.33

Sample Team: R. Gains, Z. Parhan

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
METALS-W	N	C	1	1	L	HDPE
NITROAROMATIC	N	D	2	1	L	Amb. Glass
CWM BREAKDOW	N	E	1	1	L	Amb. Glass
ORTHOSULFUR	N	F	1	1	L	Amb. Glass

Comments: PID: Bkgd-0.0ppm, Well Head -0.0ppm

TB2

Sketch Location:

Logged BY / Date: [signature] / 9-25-01 *Reviewed BY / Date:* [signature] 9-26-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 800486 Fort McClellan

Manager: Jeanne Yacoub

Location Code: **RNG-201-MW02**

Sample Number: **HU3003**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sample:									

Please see Sample Collection Log - HU3002 for parameter readings

Logged BY / Date: Reginald Davis / 9-25-01 *Reviewed BY / Date:* D.K.A. 9-26-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 800486 Fort McClellan

Manager: Jeanne Yacoub

Site: Range I, Parcel 201 ~~Basewide Grouping of all locations~~

Location Code: RNG-201-MW0~~1~~2

Sample Number: HU300~~1~~2-MS

Sample Name: RNG-201-MW0~~1~~2-GW-HU300~~1~~2-MS

Sampling Method: ~~SP~~ BP

RFA / COC Number: 201-092601 · EMAX

Collection Date: 9/25/01

Collection Time: 1325

Start Depth: 36.56

End Depth: 37.33

Sample Team: R. Goins, Z. Parham

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
METALS-W	N	C	1	1	L	HDPE
NITROAROMATIC	N	D	2	1	L	Amb. Glass
CWM BREAKDOW	N	E	1	1	L	Amb. Glass
ORTHOSULFUR	N	F	1	1	L	Amb. Glass

Comments: PID: Bkgd - 0.0 ppm, Well Head - 0.0 ppm

TB2

Sketch Location:

Logged BY / Date: Reginald Bond / 9-25-01 *Reviewed BY / Date:* [illegible] 9-25-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 800486 Fort McClellan

Manager: Jeanne Yacoub

Location Code: RNG-201-MW0~~1~~2

Sample Number: HU300~~1~~2-MS

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sample:									

Please see Sample Collection - HU3002 for parameter readings

Logged BY / Date: [signature] / 9-25-01 *Reviewed BY / Date:* [signature] 9-25-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 800486 Fort McClellan

Manager: Jeanne Yacoub

Site: ~~Basewide Grouping of all locations~~ Range I, Parcel 201

Location Code: RNG-201-MW01/2

Sample Number: HU3001/2-MSD

Sample Name: RNG-201-MW01/2-GW-HU3001/2-MSD

Sampling Method: ~~SP~~ BP

RFA / COC Number: 201-092601-EMAX

Collection Date: 9/25/01

Collection Time: 1325

Start Depth: 36.56

End Depth: 37.33

Sample Team: R. Goins, Z. Parhan

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
METALS-W	N	C	1	1	L	HDPE
NITROAROMATIC	N	D	2	1	L	Amb. Glass
CWM BREAKDOW	N	E	1	1	L	Amb. Glass
ORTHOSULFUR	N	F	1	1	L	Amb. Glass

Comments: PID: Bkgd -0.0 ppm, Well Head -0.0 ppm

TB2

Sketch Location:

Logged BY / Date: Reginald Goins / 9-25-01 *Reviewed BY / Date:* DeKa 9-26-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: **800486 Fort McClellan**
Manager: Jeanne Yacoub

Location Code: **RNG-201-MW0~~1~~2**
Sample Number: **HU300~~1~~2-MSD**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
		Please see Sample Collection Log - HU3002 for parameter readings							
Sample:									

Logged BY / Date: Reginald Sorrie / 9-25-01 *Reviewed BY / Date:* [signature] 9-26-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501-EMAX

Site: **Range I (Parcel 201)**
Location Code: **RNG-201-MW03**
Sample Number: **HU0005**
Sample Name: **RNG-201-MW03-SS-HU0005-REG**
Sampling Method: **DP**

Collection Date: 8/15/01
Collection Time: 1420

Start Depth: 0
End Depth: 1

Sample Team: J. Dendy, Z. Pathan

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0

Sketch Location: See sample number HU0016

Logged BY / Date: James Dendy

Reviewed BY / Date: Keith Hogan 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501-EMAX

Site: **Range I (Parcel 201)**
Location Code: **RNG-201-MW03**
Sample Number: **HU0006**
Sample Name: **RNG-201-MW03-DS-HU0006-REG**
Sampling Method: **DP**

Collection Date: 8/15/01
Collection Time: 1430

Start Depth: 9
End Depth: 11

Sample Team: J. Dandy, Z. Perham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0
Refusal at 16.0' bgs

Sketch Location: See sample number HU0016

Logged BY / Date: James Dandy

Reviewed BY / Date: Kurt Hagen 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-020402-STL
201-020402-EMAX

Location Code: **RNG-201-MW03**

Sample Number: **HU3004**

Sample Name: **RNG-201-MW03-GW-HU3004-REG**

Sampling Method: ~~SP~~ BP

Sample Type: **GW** *Sample Purpose:* **REG**

Collection Date: 2/1/02

Collection Time: 1530

Start Depth: 24.18

End Depth: 24.86

Sample Matrix: **WATER**

Sample Team: R. Goins, V. Muloshi

QC Partners:

(TB) 020102-TB2 (ER) 020802-ER (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
METALS-W	N	C	1	1	L	HDPE
NITROAROMATI	N	D	2	1	L	Amb. Glass
CWM BREAKDO	N	E	1	1	L	Amb. Glass
ORTHOSULFUR	N	F	1	1	L	Amb. Glass

Comments: PID: Bkgd - 0.0 ppm, Well Head - 0.0 ppm
Volatiles preserved w/ HCl, pH<2; Metals preserved w/ HNO_3, pH<2.

Sketch Location:

Logged BY / Date: Reginald Goins / 2-1-02 *Reviewed BY / Date:* [illegible] / 2/4/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **RNG-201-MW03**

Sample Number: **HU3004**

PURGE RECORD:

	Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen mg/L ~~(ppm)~~	Temperature (C)	Purge Volume (gal)
	RDG									
1/31/02		1510	12.06	187	5.31	0.061	21	12.84	18.2	φ 0.107g/min
		1525	15.08	182	5.25	0.062	28	11.80	18.0	1.61 0.120g/min
		1540	17.00	187	5.33	0.060	29	11.73	17.9	3.41
		1555	18.45	195	5.13	0.057	38	11.42	18.0	5.21
2/1/02		0850	12.78	178	4.84	0.051	18.6	10.11	15.6	5.21 0.062g/m
		0900		pump rate change						5.83 0.050g/m
		0920	15.21	183	5.16	0.050	17.2	9.66	15.2	6.83
		0950	16.51	186	5.15	0.050	30.0	9.63	15.0	9.33
		1020	17.42	184	5.13	0.051	25.0	9.40	14.9	9.83
		1050	17.85	207	5.18	0.048	21.0	9.56	14.2	11.33
		1120	18.25	210	5.24	0.048	18.6	9.69	14.3	12.83
		1150	18.59	196	5.20	0.047	20.2	9.78	14.5	14.33
		1220	18.95	194	5.34	0.047	19.3	9.45	15.7	15.83
		1250	19.37	195	5.28	0.046	17.8	9.83	15.9	17.33
		1320	19.65	195	5.46	0.046	15.6	10.10	15.5	18.83
	RG ~~Sample~~	1350	20.08	199	5.52	0.044	17.3	10.14	15.2	20.33 0.120g/m
		1420	20.83	202	5.55	0.044	19.0	9.93	14.9	23.93
		1450	21.98	207	5.53	0.044	18.7	9.86	14.2	27.53
		1500	22.29	209	5.54	0.044	19.2	9.83	14.0	28.73
		1520	22.78	215	5.59	0.045	18.0	9.89	13.9	29.93
		1525	23.46	220	5.55	0.043	20.0	9.75	13.5	30.53
	Sample-	1530	24.18	228	5.58	0.044	21.2	9.90	13.3	31.13

Well volume calculation on reverse side:

Logged BY / Date: Reginald Sorin / 2-1-02 *Reviewed BY / Date:* [signature] / 2/4/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501-EMAK

Site: Range I (Parcel 201)

Location Code: RNG-201-MW04

Sample Number: HU0007

Sample Name: RNG-201-MW04-SS-HU0007-REG

Sampling Method: DP

Collection Date: 8/15/01

Collection Time: 1025

Start Depth: 0

End Depth: 1

Sample Team: J. Dendy, Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0

Sketch Location: See sample HU0016

Logged BY / Date: James Dendy

Reviewed BY / Date: Keith Hayes 8/17/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501-EMAX

Site: **Range I (Parcel 201)**

Location Code: **RNG-201-MW04**

Sample Number: **HU0008**

Sample Name: **RNG-201-MW04-SS-HU0008-FD**

Sampling Method: **DP**

Collection Date: 8/15/01

Collection Time: 1125

Start Depth: 0

End Depth: 1

Sample Team: J. Dendy, Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID = 0.0 BZ = 0.0

Sketch Location: See sample number HU0016

Logged BY / Date: James Dendy

Reviewed BY / Date: Kent Hyson 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501-EMAX

Site: **Range I (Parcel 201)**
Location Code: **RNG-201-MW04**
Sample Number: **HU0009**
Sample Name: **RNG-201-MW04-DS-HU0009-REG**
Sampling Method: **DP**

Collection Date: 8/15/01
Collection Time: 1135

Start Depth: ~~10~~ 6
End Depth: ~~12~~ 8

Sample Team: J. Dendy
Z. Pulham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0

Sketch Location: See sample number HU0016

Logged BY / Date: James Dendy

Reviewed BY / Date: [illegible] / 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 800486 Fort McClellan

Manager: Jeanne Yacoub

Site: ~~Basewide Grouping of all locations~~ RANGE I, Parcel 201

Location Code: RNG-201-MW04

Sample Number: HU3005

Sample Name: RNG-201-MW04-GW-HU3005-REG

Sampling Method: ~~SP~~ BP

RFA / COC Number: 201-092601-EMAX

Collection Date: 09/25/01

Collection Time: 1219

Start Depth: BTOP

End Depth: BTOP

Sample Team: B. Brooks - J. Cannizzaro

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
METALS-W	N	C	1	1	L	HDPE
NITROAROMATIC	N	D	2	1	L	Amb. Glass
CWM BREAKDOW	N	E	1	1	L	Amb. Glass
ORTHOSULFUR	N	F	1	1	L	Amb. Glass

Comments: TB2

Sketch Location:

* BTOP - Beneath Top of Pump

Logged BY / Date: [signature] 09/25/01

Reviewed BY / Date: [signature] 9-25-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 800486 Fort McClellan

Manager: Jeanne Yacoub

Location Code: **RNG-201-MW04**

Sample Number: **HU3005**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
JAC	1115	38.50	304	7.04	.406	17	6.56	17.17	.03125/min
	1131	39.05	300	7.08	.414	22.6	6.15	17.34	.5 gal
	1147	BTOP	297	7.10	.408	14.5	5.93	19.34	1.0
	1203	BTOP	294	7.09	.418	12.0	5.94	24.05	1.5
	1207	BTOP	294	7.09	.417	11.9	5.89	24.50	1.625
	1211	BTOP	294	7.09	.418	11.1	5.82	24.61	1.75
	1215	BTOP	295	7.08	.420	10.6	5.79	24.41	1.875
Sample:	1219	BTOP	297	7.06	.417	9.9	5.80	23.91	2 gal.

TD – 42.45
DTW – 38.50
3.95 x .163 = .64 gal

3x .64 = 1.93
5x .64 = 3.22

Metals pH<2
VOC. Frac. pH<2
PID – 0.0

09/25/01

Logged BY / Date: [signature]

Reviewed BY / Date: [signature] 9-25-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501-EMAX

Site: Range I (Parcel 201)

Location Code: RNG-201-GP01

Sample Number: HU0010

Sample Name: RNG-201-GP01-SS-HU0010-REG

Sampling Method: DP

Collection Date: 8/15/01

Collection Time: 1040

Start Depth: 0

End Depth: 1

Sample Team: J. Dendy
Z - Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0

Sketch Location: See sample HU0016

Logged BY / Date: James Dendy

Reviewed BY / Date: Keith Hogan / 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501-EMAX

Site: Range I (Parcel 201)

Location Code: RNG-201-GP01

Sample Number: HU0011

Sample Name: RNG-201-GP01-DS-HU0011-REG

Sampling Method: DP

Collection Date: 8/15/01

Collection Time: 1050

Start Depth: 10

End Depth: 12

Sample Team: J. Dendy
2 - Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 Bz=0.0

Sketch Location: See sample number HU0016

Logged BY / Date: James Dendy

Reviewed BY / Date: [illegible] 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501-CMAX

Site: Range I (Parcel 201)

Location Code: RNG-201-GP02

Sample Number: HU0012

Sample Name: RNG-201-GP02-SS-HU0012-REG

Sampling Method: DP

Collection Date: 8/15/01

Collection Time: 0930

Start Depth: 0

End Depth: 1

Sample Team: J. Dendy, Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0

Sketch Location: See sample number HU0016

Logged BY / Date: James Dendy

Reviewed BY / Date: Keith Hogue 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501-EMBX

Site: **Range I (Parcel 201)**
Location Code: **RNG-201-GP02**
Sample Number: **HU0013**
Sample Name: **RNG-201-GP02-DS-HU0013-REG**
Sampling Method: **DP**

Collection Date: 8/15/01
Collection Time: 0940

Start Depth: 10
End Depth: 12

Sample Team: S. Dendy
J. Pashan

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID = 0.0 BZ = 0.0

Sketch Location: See sample number HU0016

Logged BY / Date: James Dendy

Reviewed BY / Date: [illegible] 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081601-EKAX

Site: **Range I (Parcel 201)**
Location Code: **RNG-201-GP03**
Sample Number: **HU0014**
Sample Name: **RNG-201-GP03-SS-HU0014-REG**
Sampling Method: **DP**

Collection Date: 8/16/01
Collection Time: 1040

Start Depth: 0
End Depth: 1

Sample Team: J. Dindy, Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID = 0.0 BZ = 0.0

Sketch Location:

See sample number ~~HU0016~~ HU0003

Logged BY / Date: [signature]

Reviewed BY / Date: [signature] 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081601-EMAX

Site: **Range I (Parcel 201)**

Location Code: **RNG-201-GP03**

Sample Number: **HU0015**

Sample Name: **RNG-201-GP03-DS-HU0015-REG**

Sampling Method: **DP**

Collection Date: 8/16/01

Collection Time: 1105

Start Depth: 10

End Depth: 12

Sample Team: J. Dendy
Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0

Sketch Location: See sample number ~~HU0016~~ 78 5.2001
HU0003

Logged BY / Date: James Dendy

Reviewed BY / Date: [signature] 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501-EMAX

Site: Range I (Parcel 201)

Location Code: RNG-201-GP04

Sample Number: HU0016

Sample Name: RNG-201-GP04-SS-HU0016-REG

Sampling Method: DP

Collection Date: 8/15/01

Collection Time: 1350

Start Depth: 0

End Depth: 1

Sample Team: J. Dendy, L. Parham

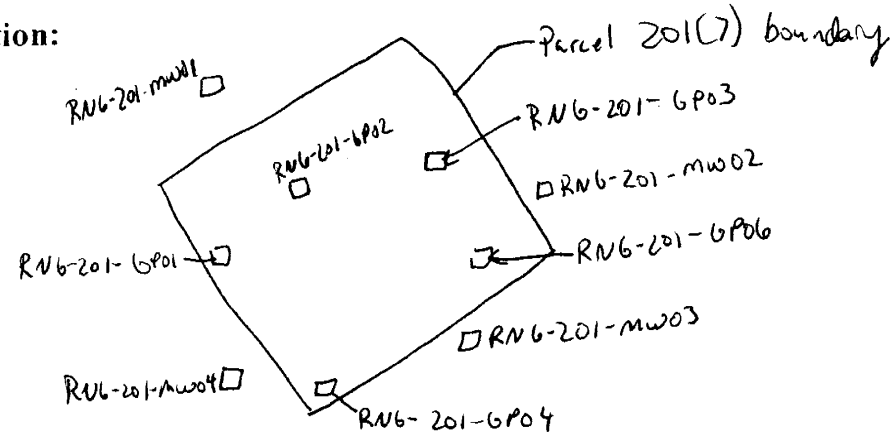
Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ= 0.0

Sketch Location:

Site Map for Parcel 201(7).



Logged BY / Date: [signature]

Reviewed BY / Date: [signature] 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501-EMAX

Site: **Range I (Parcel 201)**
Location Code: **RNG-201-GP04**
Sample Number: **HU0016-MS**
Sample Name: **RNG-201-GP04-SS-HU0016-MS**
Sampling Method: **DP**

Collection Date: 8/15/01
Collection Time: 1350
Start Depth: 0
End Depth: 1

Sample Team: J. Dendy
2 - Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0

Sketch Location: See Sample number HU0016

Logged BY / Date: James Dendy

Reviewed BY / Date: [illegible] 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-01501-EMAX

Site: Range I (Parcel 201)

Location Code: RNG-201-GP04

Sample Number: HU0016-MSD

Sample Name: RNG-201-GP04-SS-HU0016-MSD

Sampling Method: DP

Collection Date: 8/15/01

Collection Time: 1350

Start Depth: 0

End Depth: 1

Sample Team: J. Dendy, Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0

Sketch Location: See sample number HU0016

Logged BY / Date: James Dendy

Reviewed BY / Date: Keith Hogan 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081501 -EMAX

Site: **Range I (Parcel 201)**
Location Code: **RNG-201-GP04**
Sample Number: **HU0017**
Sample Name: **RNG-201-GP04-DS-HU0017-REG**
Sampling Method: **DP**

Collection Date: 8/15/01
Collection Time: 1410

Start Depth: 10
End Depth: 12

Sample Team: J. Dendy
Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0

Sketch Location: See sample number HU0016

Logged BY / Date: James Dendy

Reviewed BY / Date: [illegible] 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081601-EHAR

Site: Range I (Parcel 201)

Location Code: RNG-201-GP05

Sample Number: HU0018

Sample Name: RNG-201-GP05-SS-HU0018-REG

Sampling Method: DP

Collection Date: 8/16/01

Collection Time: 0940

Start Depth: 0

End Depth: 1

Sample Team: J. Dendy
2 - Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0

Sketch Location:

See sample number ~~HU0018~~ 8/20/01. ~~HU0016.~~ 8.20.01
HU0003

Logged BY / Date: James Dendy

Reviewed BY / Date: [illegible] 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081601-EMAK

Site: **Range I (Parcel 201)**
Location Code: **RNG-201-GP05**
Sample Number: **HU0019**
Sample Name: **RNG-201-GP05-DS-HU0019-REG**
Sampling Method: **DP**

Collection Date: 8/16/01
Collection Time: 0955

Start Depth: 10
End Depth: 12

Sample Team: J. Dendy
Z. Pusham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0

Sketch Location:

See sample number ~~HU0016~~ 8.20.01
HU0003

Logged BY / Date: James Dendy

Reviewed BY / Date: Keith Hyre / 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-08/601-EMAX

Site: Range I (Parcel 201)
Location Code: RNG-201-GP06
Sample Number: HU0020
Sample Name: RNG-201-GP06-SS-HU0020-REG
Sampling Method: DP

Collection Date: 8/16/01
Collection Time: 0905

Start Depth: 0
End Depth: 1

Sample Team: J. Dendy
Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID = 0.0 Bz = 0.0

Sketch Location: See sample number ~~HU0016~~ 28 8.20.01
HU0003

Logged BY / Date: [signature]

Reviewed BY / Date: [signature] / 8/16/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081681-EMAX

Site: Range I (Parcel 201)

Location Code: RNG-201-GP06

Sample Number: HU0021

Sample Name: RNG-201-GP06-SS-HU0021-FD

Sampling Method: DP

Collection Date: 8/16/07

Collection Time: 0905

Start Depth: 0

End Depth: 1

Sample Team: J. Dendy
Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0

Sketch Location: See sample number ~~HU0016~~ 8.20.01
HU0003

Logged BY / Date: [signature]

Reviewed BY / Date: [signature] / 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201-081601-EKAX

Site: **Range I (Parcel 201)**
Location Code: **RNG-201-GP06**
Sample Number: **HU0022**
Sample Name: **RNG-201-GP06-DS-HU0022-REG**
Sampling Method: **DP**

Collection Date: 8/16/01
Collection Time: 0925

Start Depth: 10
End Depth: 12

Sample Team: J. Dendy
Z. Parham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
AS SPECIATION	N	D	1	4	oz	CWM

Comments: PID=0.0 BZ=0.0

Sketch Location: See sample number ~~HU0016~~ 8-20-01
HU0003

Logged BY / Date: [signature]

Reviewed BY / Date: [signature] 8/17/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 800486 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201(5)-082901-ENAV

Site: **Range I (Parcel 201)**

Location Code: **RNG-201-DEP01**

Sample Number: **HU0023**

Sample Name: **RNG-201-DEP01-DEP-HU0023-REG**

Sampling Method: **HA**

Collection Date: 8/29/01

Collection Time: 1330

Start Depth: 0'

End Depth: 0.5'

Sample Team: Leah Yates, Justin Fisher

ERPIMS Values:

Sacode:

Lot Control#:

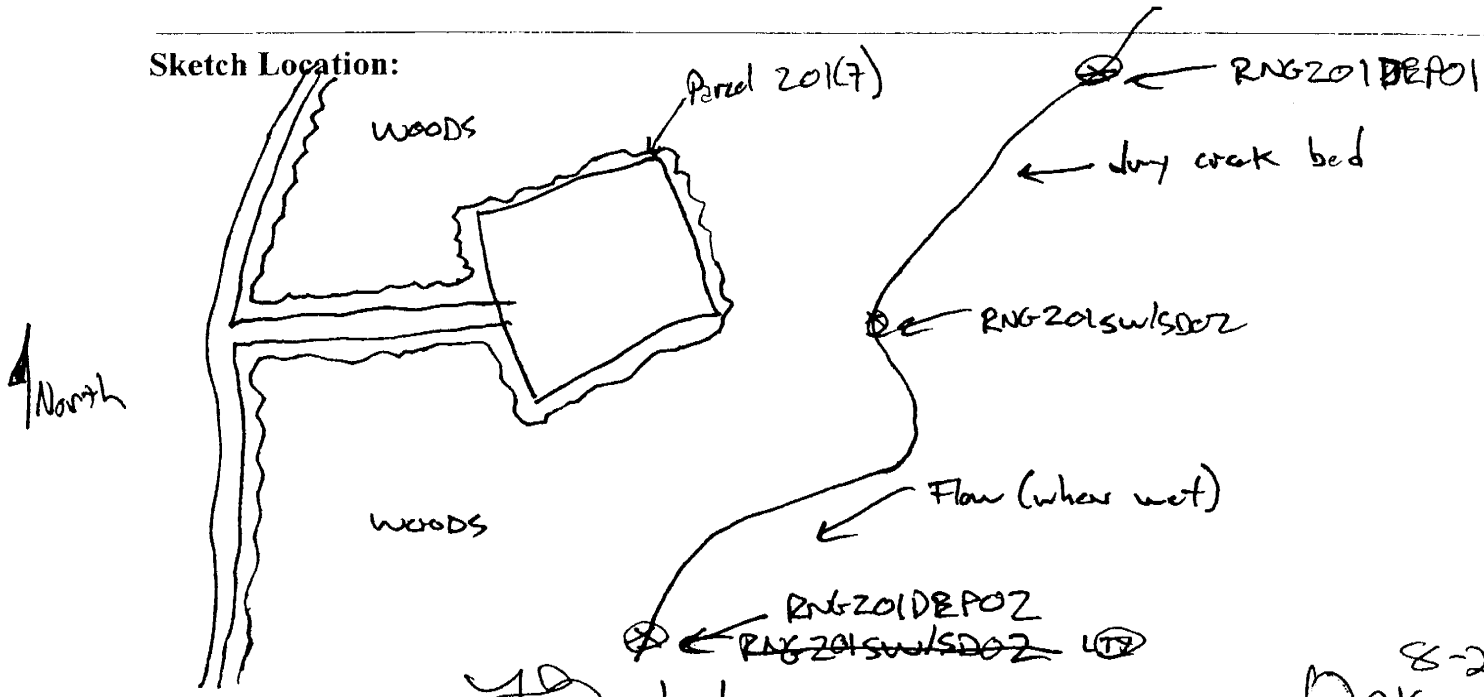
Sample Matrix:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR
SEMIVOLATILES_	N	B	1	8	oz	CW-JAR
CWM BREAKDOW	N	C	1	8	oz	CW-JAR
ORTHOSULFUR	N	C	1	8	oz	CW-JAR

Comments:

Sketch Location:



Logged BY / Date: 8/29/01

Reviewed BY / Date: 8-29-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 800486 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 20(s)-082901EMAX

Site: **Range I (Parcel 201)**

Location Code: **RNG-201-DEP01**

Sample Number: **HU0023-MS**

Sample Name: **RNG-201-DEP01DEPD-HU0023-MS**

Sampling Method: **HA**

Collection Date: 8/29/01

Collection Time: 1330

Start Depth: 0'

End Depth: 0.5'

Sample Team: L. Yates J. Fisher

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR
SEMIVOLATILES_	N	B	1	8	oz	CW-JAR
CWM BREAKDOW	N	C	1	8	oz	CW-JAR
ORTHOSULFUR	N	C	1	8	oz	CW-JAR

Comments:

Sketch Location: See sketch for sample # HU0023

Logged BY / Date: 8/29/01

Reviewed BY / Date: 8-29-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 800486 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 20(S)-082901-EMAX

Site: Range I (Parcel 201)

Location Code: RNG-201-DEP01

Sample Number: HU0023-MSD

Sample Name: RNG-201-DEP01-DEP-HU0023-MSD

Sampling Method: HA

Collection Date: 8/29/01

Collection Time: 1330

Start Depth: 0'

End Depth: 0-5'

Sample Team: L. Yates, J. Fisher

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix:

Analytical Suite	Containers Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR
SEMIVOLATILES_	N	B	1	8	oz	CW-JAR
CWM BREAKDOW	N	C	1	8	oz	CW-JAR
ORTHOSULFUR	N	C	1	8	oz	CW-JAR

Comments:

Sketch Location: See sketch for sample # HU0023

Logged BY / Date: [signature] 8/29/01

Reviewed BY / Date: [signature] 8-29-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 800486 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 201(s)-082901-BNAX

Site: **Range I (Parcel 201)**

Location Code: **RNG-201-DEP02**

Sample Number: **HU0024**

Sample Name: **RNG-201-DEP02-DEP-HU0024-REG**

Sampling Method: **HA**

Collection Date: 8/29/01

Collection Time: 1400

Start Depth: 0'

End Depth: 0-5'

Sample Team: L. Yates J. Fisher

ERPIMS Values:

Sacode:

Lot Control#:

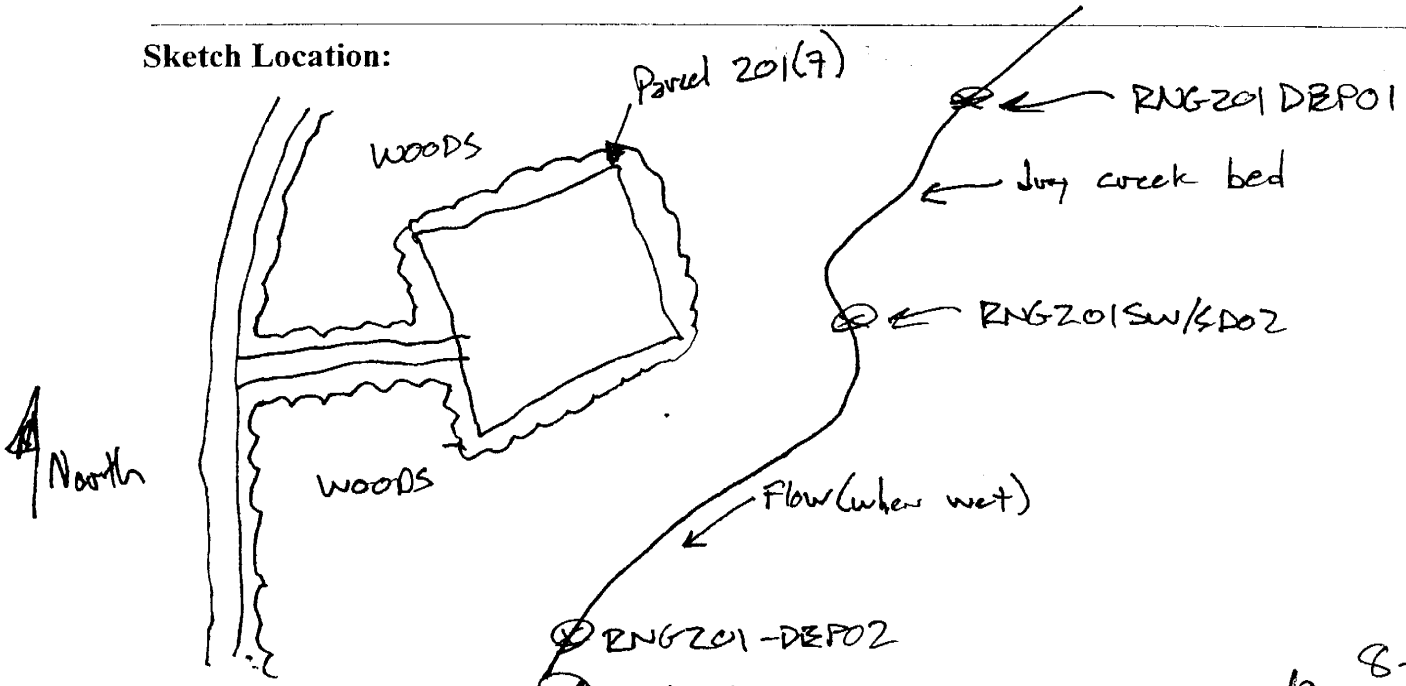
Sample Matrix:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR
SEMIVOLATILES_	N	B	1	8	oz	CW-JAR
CWM BREAKDOW	N	C	1	8	oz	CW-JAR
ORTHOSULFUR	N	C	1	8	oz	CW-JAR

Comments:

Sketch Location:



Logged BY / Date: 8/29/01

Reviewed BY / Date: 8-29-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 20(w)-082901-EMA 29

Site: **Range I (Parcel 201)**

Location Code: **RNG-201-SW/SD02**

Sample Number: **HU2002**

Sample Name: **RNG-201-SW/SD02-SW-HU2002-REG**

Sampling Method: **GRAB**

Collection Date: 8/29/01

Collection Time: 1230

Start Depth: 0'

End Depth: 0'

Sample Team: L. Yates, J. Fisher

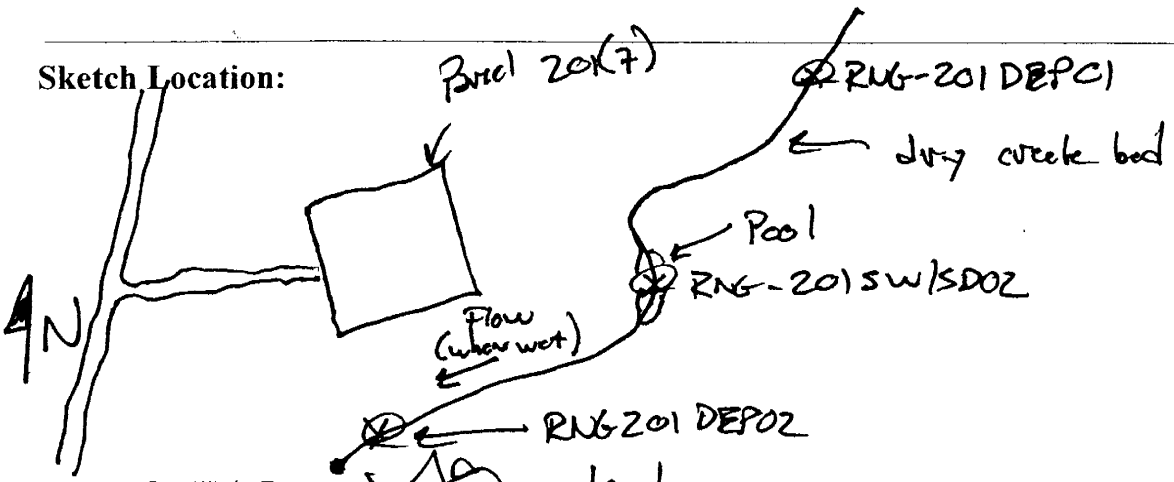
Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES	N	B	2	1	L	Amb. Glass
METALS-W	N	C	1	1	L	HDPE
NITROAROMATIC	N	D	2	1	L	Amb. Glass
CWM BREAKDOW	N	E	1	1	L	Amb. Glass
ORTHOSULFUR	N	F	1	1	L	Amb. Glass

Surface Water Parameters	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)
	135	6.41	0.131	12	0.97	22.3

Comments: Samples for metals preserved to pH<2.

Sketch Location:



Logged BY / Date: 8/29/01

Reviewed BY / Date: 8-29-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: *201-082901-ETAC 201(s)-082901-EMAK 29

Site: Range I (Parcel 201)

Location Code: RNG-201-SW/SD02

Sample Number: HU1002

Sample Name: RNG-201-SW/SD02-SD-HU1002-REG

Sampling Method: HA

Collection Date: 8/28/01

Collection Time: 1230

Start Depth: 0'

End Depth: 0.5'

Sample Team: L. Haley, J. Fisher

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
CWM BREAKDOW	N	C	1	8	oz	CWM
ORTHOSULFUR	N	C	1	8	oz	CWM
* TOC	N	D	1	4	oz	CWM
GR. SIZE	N	E	1	8	oz	CWM

Comments:

Sketch Location: See sketch for sample # HU2002

Logged BY / Date: 8/29/01

Reviewed BY / Date: 8-29-01

ANALYSIS REQUEST/CHAIN-OF-CUSTODY RECORDS

"Corrected Copy"

01 H142

I11/V301-02

IT CORPORATION
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 201-081501-EM/

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: Normal

Samples Shipment Date: 15 AUG 2001
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Randy McBride
Carrier/Waybill No.: Fed Ex/

Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification:
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:
Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By (Signature/Affiliation) [signature] / IT Corp. Date: 8/15/01 Time: 1700
2. Relinquished By (Signature/Affiliation) Date: Time:
3. Relinquished By (Signature/Affiliation) Date: Time:

1. Received By (Signature/Affiliation) Sitnikov Date: 8.16.01 Time: 9:45
2. Received By (Signature/Affiliation) Date: Time:
3. Received By (Signature/Affiliation) Date: Time:

Comments: None

$T_2 = 3.0°C$
$T_3 = 2.8°C$
$T_4 = 2.5°C$
$T_5 = 2.3°C$

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition Receipt
HU0001	RNG-201-MW01-SS-HU0001-REG	15 AUG 2001	10:00	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
HU0001	RNG-201-MW01-SS-HU0001-REG	15 AUG 2001	10:00	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
HU0001	RNG-201-MW01-SS-HU0001-REG	15 AUG 2001	10:00	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
HU0001	RNG-201-MW01-SS-HU0001-REG	15 AUG 2001	10:00	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
HU0001-MS	RNG-201-MW01-SS-HU0001-MS-MS	15 AUG 2001	10:00	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
HU0001-MS	RNG-201-MW01-SS-HU0001-MS-MS	15 AUG 2001	10:00	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		

1.

8-16-01 13:04 :THE I T GROUP :2568483551 # 2/ 5

1004

IT CORPORATION
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EU/V301-02

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

01H192

Reference Document No: 201-081501-EM/

	Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition Of Receipt
1.	HU0001-MS	RNG-201-MW01-SS-HU0001-MS-MS	15 AUG 2001	10:00	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	HU0001-MS	RNG-201-MW01-SS-HU0001-MS-MS	15 AUG 2001	10:00	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0001-MSD	RNG-201-MW01-SS-HU0001-MSD-MSD	15 AUG 2001	10:00	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	HU0001-MSD	RNG-201-MW01-SS-HU0001-MSD-MSD	15 AUG 2001	10:00	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
1.	HU0001-MSD	RNG-201-MW01-SS-HU0001-MSD-MSD	15 AUG 2001	10:00	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0001-MSD	RNG-201-MW01-SS-HU0001-MSD-MSD	15 AUG 2001	10:00	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
	HU0002	RNG-201-MW01-DS-HU0002-REG	15 AUG 2001	10:15	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0002	RNG-201-MW01-DS-HU0002-REG	15 AUG 2001	10:15	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
2.	HU0002	RNG-201-MW01-DS-HU0002-REG	15 AUG 2001	10:15	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0002	RNG-201-MW01-DS-HU0002-REG	15 AUG 2001	10:15	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	HU0005	RNG-201-MW03-SS-HU0005-REG	15 AUG 2001	14:20	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
3.	HU0005	RNG-201-MW03-SS-HU0005-REG	15 AUG 2001	14:20	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0005	RNG-201-MW03-SS-HU0005-REG	15 AUG 2001	14:20	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0005	RNG-201-MW03-SS-HU0005-REG	15 AUG 2001	14:20	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
	HU0006	RNG-201-MW03-DS-HU0006-REG	15 AUG 2001	14:30	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0006	RNG-201-MW03-DS-HU0006-REG	15 AUG 2001	14:30	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
4.	HU0006	RNG-201-MW03-DS-HU0006-REG	15 AUG 2001	14:30	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0006	RNG-201-MW03-DS-HU0006-REG	15 AUG 2001	14:30	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	HU0007	RNG-201-MW04-SS-HU0007-REG	15 AUG 2001	11:25	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
5.	HU0007	RNG-201-MW04-SS-HU0007-REG	15 AUG 2001	11:25	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0007	RNG-201-MW04-SS-HU0007-REG	15 AUG 2001	11:25	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0007	RNG-201-MW04-SS-HU0007-REG	15 AUG 2001	11:25	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
6.	HU0008	RNG-201-MW04-SS-HU0008-FD	15 AUG 2001	11:25	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		

:2565483551 :THE IT GROUP 01/13:04 # 3/ 5 1005

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IN/VS01-02

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

01H142

Reference Document No: 201-081501-EM/

	Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition Of Receipt
6.	HU0008	RNG-201-MW04-SS-HU0008-FD	15 AUG 2001	11:25	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
	HU0008	RNG-201-MW04-SS-HU0008-FD	15 AUG 2001	11:25	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0008	RNG-201-MW04-SS-HU0008-FD	15 AUG 2001	11:25	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
7.	HU0009	RNG-201-MW04-DS-HU0009-REG	15 AUG 2001	11:35	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	HU0009	RNG-201-MW04-DS-HU0009-REG	15 AUG 2001	11:35	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0009	RNG-201-MW04-DS-HU0009-REG	15 AUG 2001	11:35	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0009	RNG-201-MW04-DS-HU0009-REG	15 AUG 2001	11:35	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
8.	HU0010	RNG-201-GP01-SS-HU0010-REG	15 AUG 2001	10:40	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0010	RNG-201-GP01-SS-HU0010-REG	15 AUG 2001	10:40	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
	HU0010	RNG-201-GP01-SS-HU0010-REG	15 AUG 2001	10:40	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0010	RNG-201-GP01-SS-HU0010-REG	15 AUG 2001	10:40	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
9.	HU0011	RNG-201-GP01-DS-HU0011-REG	15 AUG 2001	10:50	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0011	RNG-201-GP01-DS-HU0011-REG	15 AUG 2001	10:50	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
	HU0011	RNG-201-GP01-DS-HU0011-REG	15 AUG 2001	10:50	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0011	RNG-201-GP01-DS-HU0011-REG	15 AUG 2001	10:50	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
10.	HU0012	RNG-201-GP02-SS-HU0012-REG	15 AUG 2001	09:30	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0012	RNG-201-GP02-SS-HU0012-REG	15 AUG 2001	09:30	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	HU0012	RNG-201-GP02-SS-HU0012-REG	15 AUG 2001	09:30	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0012	RNG-201-GP02-SS-HU0012-REG	15 AUG 2001	09:30	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
11.	HU0013	RNG-201-GP02-DS-HU0013-REG	15 AUG 2001	09:40	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0013	RNG-201-GP02-DS-HU0013-REG	15 AUG 2001	09:40	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0013	RNG-201-GP02-DS-HU0013-REG	15 AUG 2001	09:40	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	HU0013	RNG-201-GP02-DS-HU0013-REG	15 AUG 2001	09:40	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		

8-15-01 13:04 THE I T GROUP 9001 :23694353551 # 4/ 5

8-16-01 13:04 :THE I T GROUP :2568493551 # 5/ 5

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I 11/VS01-02

01H142

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 201-081501-EMA

Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
HU0016	RNG-201-GP04-SS-HU0016-REG	15 AUG 2001	13:50	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
HU0016	RNG-201-GP04-SS-HU0016-REG	15 AUG 2001	13:50	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
HU0016	RNG-201-GP04-SS-HU0016-REG	15 AUG 2001	13:50	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
HU0016	RNG-201-GP04-SS-HU0016-REG	15 AUG 2001	13:50	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
HU0016-MS	RNG-201-GP04-SS-HU0016-MS-MS	15 AUG 2001	13:50	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
HU0016-MS	RNG-201-GP04-SS-HU0016-MS-MS	15 AUG 2001	13:50	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
HU0016-MS	RNG-201-GP04-SS-HU0016-MS-MS	15 AUG 2001	13:50	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
HU0016-MS	RNG-201-GP04-SS-HU0016-MS-MS	15 AUG 2001	13:50	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
HU0016-MSD	RNG-201-GP04-SS-HU0016-MSD-MSD	15 AUG 2001	13:50	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
HU0016-MSD	RNG-201-GP04-SS-HU0016-MSD-MSD	15 AUG 2001	13:50	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
HU0016-MSD	RNG-201-GP04-SS-HU0016-MSD-MSD	15 AUG 2001	13:50	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
HU0016-MSD	RNG-201-GP04-SS-HU0016-MSD-MSD	15 AUG 2001	13:50	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
HU0017	RNG-201-GP04-DS-HU0017-REG	15 AUG 2001	14:10	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
HU0017	RNG-201-GP04-DS-HU0017-REG	15 AUG 2001	14:10	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
HU0017	RNG-201-GP04-DS-HU0017-REG	15 AUG 2001	14:10	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
HU0017	RNG-201-GP04-DS-HU0017-REG	15 AUG 2001	14:10	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		

12.

13.

IT CORPORATION
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I6/VS01-02

01H156

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 201-081601-EMAX

Project Number: 796887

Project Name: Fort McClellan

Sample Coordinator: Oliver Allen

Turnaround Time: normal

Samples Shipment Date: 16 AUG 2001

Lab Destination: EMAX Laboratories, Inc.

Lab Contact: Elizabeth McIntyre

Project Contact: Randy McBride

Carrier/Waybill No.: Fed Ex/

Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification:

Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:

Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By (Signature/Affiliation) [signature] / IT Corporation Date: Time:

2. Relinquished By (Signature/Affiliation) Date: Time:

3. Relinquished By (Signature/Affiliation) Date: Time:

1. Received By (Signature/Affiliation) SITNIKOV Date: 8.17.01. Time: 9:30

2. Received By (Signature/Affiliation) Date: Time:

3. Received By (Signature/Affiliation) Date: Time:

Comments: None

$T_2 = 3.0°C$

$T_3 = 2.5°C$

	Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
1.	HU0003	RNG-201-MW02-SS-HU0003-REG	16 AUG 2001	10:10	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0003	RNG-201-MW02-SS-HU0003-REG	16 AUG 2001	10:10	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	HU0003	RNG-201-MW02-SS-HU0003-REG	16 AUG 2001	10:10	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
	HU0003	RNG-201-MW02-SS-HU0003-REG	16 AUG 2001	10:10	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
2.	HU0004	RNG-201-MW02-DS-HU0004-REG	16 AUG 2001	10:25	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0004	RNG-201-MW02-DS-HU0004-REG	16 AUG 2001	10:25	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		

003

IT CORPORATION
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I6/VS01-02

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

01H156

Reference Document No: 201-081601-EMAX

	Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
2.	HU0004	RNG-201-MW02-DS-HU0004-REG	16 AUG 2001	10:25	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
	HU0004	RNG-201-MW02-DS-HU0004-REG	16 AUG 2001	10:25	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
3.	HU0014	RNG-201-GP03-SS-HU0014-REG	16 AUG 2001	10:40	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	HU0014	RNG-201-GP03-SS-HU0014-REG	16 AUG 2001	10:40	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0014	RNG-201-GP03-SS-HU0014-REG	16 AUG 2001	10:40	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0014	RNG-201-GP03-SS-HU0014-REG	16 AUG 2001	10:40	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
4.	HU0015	RNG-201-GP03-DS-HU0015-REG	16 AUG 2001	11:05	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0015	RNG-201-GP03-DS-HU0015-REG	16 AUG 2001	11:05	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	HU0015	RNG-201-GP03-DS-HU0015-REG	16 AUG 2001	11:05	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
	HU0015	RNG-201-GP03-DS-HU0015-REG	16 AUG 2001	11:05	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
5.	HU0018	RNG-201-GP05-SS-HU0018-REG	16 AUG 2001	09:40	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	HU0018	RNG-201-GP05-SS-HU0018-REG	16 AUG 2001	09:40	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0018	RNG-201-GP05-SS-HU0018-REG	16 AUG 2001	09:40	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0018	RNG-201-GP05-SS-HU0018-REG	16 AUG 2001	09:40	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
6.	HU0019	RNG-201-GP05-DS-HU0019-REG	16 AUG 2001	09:55	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0019	RNG-201-GP05-DS-HU0019-REG	16 AUG 2001	09:55	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	HU0019	RNG-201-GP05-DS-HU0019-REG	16 AUG 2001	09:55	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
	HU0019	RNG-201-GP05-DS-HU0019-REG	16 AUG 2001	09:55	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
10834	HU0020	RNG-201-GP06-SS-HU0020-REG	16 AUG 2001	09:05	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	HU0020	RNG-201-GP06-SS-HU0020-REG	16 AUG 2001	09:05	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0020	RNG-201-GP06-SS-HU0020-REG	16 AUG 2001	09:05	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0020	RNG-201-GP06-SS-HU0020-REG	16 AUG 2001	09:05	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
8.	HU0021	RNG-201-GP06-SS-HU0021-FD	16 AUG 2001	09:05	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		

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I6/US01-02

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

01H156

Reference Document No: 201-081601-EMAX

	Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
	HU0021	RNG-201-GP06-SS-HU0021-FD	16 AUG 2001	09:05	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
8.	HU0021	RNG-201-GP06-SS-HU0021-FD	16 AUG 2001	09:05	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		
	HU0021	RNG-201-GP06-SS-HU0021-FD	16 AUG 2001	09:05	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0022	RNG-201-GP06-DS-HU0022-REG	16 AUG 2001	09:25	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
9.	HU0022	RNG-201-GP06-DS-HU0022-REG	16 AUG 2001	09:25	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU0022	RNG-201-GP06-DS-HU0022-REG	16 AUG 2001	09:25	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0022	RNG-201-GP06-DS-HU0022-REG	16 AUG 2001	09:25	4 oz CW-JAR	1	None except cool to 4 C	Arsenic Speciation for Lewsite	N		

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 201(w)-082901-EMAX

 QH264 HB

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: NORMAL

Samples Shipment Date: 29 AUG 2001
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Randy McBride
Carrier/Waybill No.: Fed Ex/

Bill To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Report To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification: Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal: Return to Client ☐ Disposal by Lab ☐ Archive (mos.)

1. Relinquished By (Signature/Affiliation) Dek Allen	Date: 8-29-01 Time: 1600	1. Received By (Signature/Affiliation) Cindy Chea / EMAX	Date: 8/30/01 Time: 09:30
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

$T_3 = 2.8°C$

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
HU2002 1001	RNG-201-SW/SD02-SW-HU2002-REG	29 AUG 2001	12:30	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
HU2002	RNG-201-SW/SD02-SW-HU2002-REG	29 AUG 2001	12:30	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
HU2002	RNG-201-SW/SD02-SW-HU2002-REG	29 AUG 2001	12:30	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
HU2002	RNG-201-SW/SD02-SW-HU2002-REG	29 AUG 2001	12:30	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		
HU2002	RNG-201-SW/SD02-SW-HU2002-REG	29 AUG 2001	12:30	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N		
HU2002	RNG-201-SW/SD02-SW-HU2002-REG	29 AUG 2001	12:30	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

01H267

Reference Document No: 201(s)-082901-EMAX

8/30/01 cw
~~H4~~ H5 / V501-02

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: NORMAL

Samples Shipment Date: 29 AUG 2001
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Randy McBride
Carrier/Waybill No.: Fed Ex/

Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification:
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal:
Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation) [signature]	Date: 8-29-01 Time: 1600	1. Received By (Signature/Affiliation) [signature]	Date: 8/30/01 Time: 09:30
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

T = 2.8°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
HU0023	RNG-201-DEP01-DEP-HU0023-REG	29 AUG 2001	13:30	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
HU0023	RNG-201-DEP01-DEP-HU0023-REG	29 AUG 2001	13:30	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
HU0023	RNG-201-DEP01-DEP-HU0023-REG	29 AUG 2001	13:30	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
HU0023-MS	RNG-201-DEP01-DEP-HU0023-MS-MS	29 AUG 2001	13:30	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
HU0023-MS	RNG-201-DEP01-DEP-HU0023-MS-MS	29 AUG 2001	13:30	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
HU0023-MS	RNG-201-DEP01-DEP-HU0023-MS-MS	29 AUG 2001	13:30	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils,	N		

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

01H267

Reference Document No: 201(s)-082901-EMAX

H4

	Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
								Nitroaromatics by 8330, Semivolatiles by 8270C			
	HU0023-MSD	RNG-201-DEP01-DEP-HU0023-MSD-MSD	29 AUG 2001	13:30	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
1.	HU0023-MSD	RNG-201-DEP01-DEP-HU0023-MSD-MSD	29 AUG 2001	13:30	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0023-MSD	RNG-201-DEP01-DEP-HU0023-MSD-MSD	29 AUG 2001	13:30	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	HU0024	RNG-201-DEP02-DEP-HU0024-REG	29 AUG 2001	14:00	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU0024	RNG-201-DEP02-DEP-HU0024-REG	29 AUG 2001	14:00	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
1.	HU0024	RNG-201-DEP02-DEP-HU0024-REG	29 AUG 2001	14:00	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU1002	RNG-201-SW/SD02-SD-HU1002-REG	29 AUG 2001	12:30	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	HU1002	RNG-201-SW/SD02-SD-HU1002-REG	29 AUG 2001	12:30	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
3.	HU1002	RNG-201-SW/SD02-SD-HU1002-REG	29 AUG 2001	12:30	8 oz CW-JAR	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
	HU1002	RNG-201-SW/SD02-SD-HU1002-REG	29 AUG 2001	12:30	4 oz CW-JAR	1	None except cool to 4 C	Total Organic Carbon by 9060	N		

1003

IT CORPORATION
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ET/VW02-02B

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

01 I 173

Reference Document No: 201-092601-EMAX

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: NORMAL

Samples Shipment Date: 26 SEP 2001
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Randy McBride
Carrier/Waybill No.: Fed Ex/

Bill To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Report To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification: Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal: Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation)	D.K. Nielsen	Date: 9-26-01 Time: 1600	1. Received By (Signature/Affiliation) SITNIKOV	Date: 9.27.01. Time: 9:30
2. Relinquished By (Signature/Affiliation)		Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)		Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

$T_1 = 3.0°C$
$T_2 = 2.8°C$
$T_3 = 2.5°C$
$T_4 = 3.0°C$

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
HU3002	RNG-201-MW02-GW-HU3002-REG	25 SEP 2009	13:25	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
HU3002	RNG-201-MW02-GW-HU3002-REG	25 SEP 2009	13:25	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
HU3002	RNG-201-MW02-GW-HU3002-REG	25 SEP 2009	13:25	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
HU3002	RNG-201-MW02-GW-HU3002-REG	25 SEP 2009	13:25	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
HU3002	RNG-201-MW02-GW-HU3002-REG	25 SEP 2009	13:25	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N		
HU3002	RNG-201-MW02-GW-HU3002-REG	25 SEP 2009	13:25	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		
HU3002-MS	RNG-201-MW02-GW-HU3002-MS-MS	25 SEP 2009	13:25	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N		
HU3002-MS	RNG-201-MW02-GW-HU3002-MS-MS	25 SEP 2009	13:25	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		

T002

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E7/VW02-02B

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

01 I173

Reference Document No: 201-092601-EMAX

	Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
1.	HU3002-MS	RNG-201-MW02-GW-HU3002-MS-MS	25 SEP 2009	13:25	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
	HU3002-MS	RNG-201-MW02-GW-HU3002-MS-MS	25 SEP 2009	13:25	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		
	HU3002-MS	RNG-201-MW02-GW-HU3002-MS-MS	25 SEP 2009	13:25	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
	HU3002-MS	RNG-201-MW02-GW-HU3002-MS-MS	25 SEP 2009	13:25	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	HU3002-MSD	RNG-201-MW02-GW-HU3002-MSD-MSD	25 SEP 2009	13:25	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	HU3002-MSD	RNG-201-MW02-GW-HU3002-MSD-MSD	25 SEP 2009	13:25	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
	HU3002-MSD	RNG-201-MW02-GW-HU3002-MSD-MSD	25 SEP 2009	13:25	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
	HU3002-MSD	RNG-201-MW02-GW-HU3002-MSD-MSD	25 SEP 2009	13:25	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N		
	HU3002-MSD	RNG-201-MW02-GW-HU3002-MSD-MSD	25 SEP 2009	13:25	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		
	HU3002-MSD	RNG-201-MW02-GW-HU3002-MSD-MSD	25 SEP 2009	13:25	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
2.	HU3003	RNG-201-MW02-GW-HU3003-FD	25 SEP 2009	13:25	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		
	HU3003	RNG-201-MW02-GW-HU3003-FD	25 SEP 2009	13:25	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	HU3003	RNG-201-MW02-GW-HU3003-FD	25 SEP 2009	13:25	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N		
	HU3003	RNG-201-MW02-GW-HU3003-FD	25 SEP 2009	13:25	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
	HU3003	RNG-201-MW02-GW-HU3003-FD	25 SEP 2009	13:25	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
	HU3003	RNG-201-MW02-GW-HU3003-FD	25 SEP 2009	13:25	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
3.	HU3005	RNG-201-MW04-GW-HU3005-REG	25 SEP 2009	12:19	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	HU3005	RNG-201-MW04-GW-HU3005-REG	25 SEP 2009	12:19	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
	HU3005	RNG-201-MW04-GW-HU3005-REG	25 SEP 2009	12:19	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
	HU3005	RNG-201-MW04-GW-HU3005-REG	25 SEP 2009	12:19	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
	HU3005	RNG-201-MW04-GW-HU3005-REG	25 SEP 2009	12:19	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		
	HU3005	RNG-201-MW04-GW-HU3005-REG	25 SEP 2009	12:19	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N		

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02B017

IT CORPORATION
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H6/VW04-04

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 201-020102-EMAX

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: NORMAL

Samples Shipment Date: 01 FEB 2002
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Randy McBride
Carrier/Waybill No.: Fed Ex/

Bill To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923
Report To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification: Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ .Unknown ☑

Sample Disposal: Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation) DEKC	Date: 02-01-02 Time: 1600	1. Received By (Signature/Affiliation) SITNIKOV	Date: 02.02.02. Time: 10:30
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

T=3.2°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
HU3001	RNG-201-MW01-GW-HU3001-REG	31 JAN 2002	13:45	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
HU3001	RNG-201-MW01-GW-HU3001-REG	31 JAN 2002	13:45	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
HU3001	RNG-201-MW01-GW-HU3001-REG	31 JAN 2002	13:45	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
HU3001	RNG-201-MW01-GW-HU3001-REG	31 JAN 2002	13:45	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		

B14/vw04-02

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

02B031

Reference Document No: 201-020402-EMAX

IT CORPORATION
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Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: NORMAL

Samples Shipment Date: 04 FEB 2002
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Randy McBride
Carrier/Waybill No.: Fed Ex/

Bill To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923
Report To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification: Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal: Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation)	Date: 02-04-02 Time: 1600	1. Received By (Signature/Affiliation)	Date: 02-05-02 Time: 0930
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

Cooler #4 - T=3.8°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
HU3004	RNG-201-MW03-GW-HU3004-REG	01 FEB 2002	15:30	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
HU3004	RNG-201-MW03-GW-HU3004-REG	01 FEB 2002	15:30	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
HU3004	RNG-201-MW03-GW-HU3004-REG	01 FEB 2002	15:30	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
HU3004	RNG-201-MW03-GW-HU3004-REG	01 FEB 2002	15:30	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		

B14/VW04-02

IT CORPORATION
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

02B031

Reference Document No: COC-020402-EMAX

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: Normal

Samples Shipment Date: 04 FEB 2002
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Randy McBride
Carrier/Waybill No.: Fed Ex/

Bill To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Report To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification: Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal: Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation)	Date: 02-04-02 Time: 1600	1. Received By (Signature/Affiliation)	Date: 02-05-02 Time: 0930
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

Cooler #2 T=2.5°C

	Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
2	020102-TB2	FIELDQC-BW-020102-TB2-TB	01 FEB 2002	08:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N		
3	020402-TB	FIELDQC-BW-020402-TB-TB	04 FEB 2002	08:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N		

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 201-020102-STL
Page 1 of 1

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: Normal

Samples Shipment Date: 01 FEB 2002
Lab Destination: Quanterra - West Sacremento
Lab Contact: Robert Hrabak
Project Contact: Randy McBride
Carrier/Waybill No.: Fed Ex/

Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification:
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal:
Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation)	Date: 02-01-02 Time: 1600	1. Received By (Signature/Affiliation)	Date: 2-2-02 Time: 1030
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

RECEIVED IN GOOD CONDITION UNDER COC
FEB - 2 2002
INI:

Comments: None

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
HU3001	RNG-201-MW01-GW-HU3001-REG	31 JAN 2002	13:45	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		good
HU3001	RNG-201-MW01-GW-HU3001-REG	31 JAN 2002	13:45	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N		

W 2-2-02

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 201-020402-STL
Page 1 of 1

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: NORMAL

Samples Shipment Date: 04 FEB 2002
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Randy McBride
Carrier/Waybill No.: Fed Ex/

Bill To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923
Report To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification: Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal: Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation) DeKae	Date: 02-04-02 Time: 1600	1. Received By (Signature/Affiliation) STL-SAC	Date: 2-5-02 Time: 0906
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
HU3004	RNG-201-MW03-GW-HU3004-REG	01 FEB 2002	15:30	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		
HU3004	RNG-201-MW03-GW-HU3004-REG	01 FEB 2002	15:30	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N		

RECEIVED IN GOOD CONDITION UNDER COC
FEB - 5 2002
INI: Q