APPENDIX B

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

SAMPLE COLLECTION LOGS

INTERNATIONAL TECHNOLOGY CORPORATION

ENTERED 9/15/00

Sample Collection Log

Project: 783149 Fort McClellan, SAD TERC

Manager: Jeanne Yacoub

RFA / COC Number: 101-121799-QSK

Site: Boiler Plant No. 4 (Parcel 101)

Location Code: GSBP-101-MW01

Sample Number: BA3001

Sample Name: GSBP-101-MW01-GW-BA3001-REG

Sampling Method: ~~SP~~ PP

Collection Date: 12 17 99

Collection Time: 1407

Start Depth: N/A

End Depth: N/A

Sample Team: Allen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
METALS-W	N	C	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)
	0818	7.73							
	0820	8.14	155	6.00	.379	53.5	1.94	16.9	0
	0836	9.80	105	6.66	.487	162	2.26	17.0	1.8
	0839	well Dry							2.1
Sample:	1407	9.03	50	7.00	.570	16.7	1.66	18.3	—

PID	Bckgn	DTW	TD	WC	PV	Metals Ph Less Than 2
No PID		7.73	10.55	2.82	1.8	

12-17-99

Logged BY / Date: DQKaen

Reviewed BY / Date:

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 783149 Fort McClellan, SAD TERC

Manager: Jeanne Yacoub

RFA / COC Number: 101-121799-QSK

Site: Boiler Plant No. 4 (Parcel 101)

Location Code: GSBP-101-MW01

Sample Number: BA3002

Sample Name: GSBP-101-MW01-GW-BA3002-FD

Sampling Method: ~~SP~~ PP

Collection Date: 121799

Collection Time: 1407

Start Depth: NA

End Depth: NA

Sample Team: Allen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
METALS-W	N	C	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	Purge	Record	for	BA3001					
Sample:									

NO PID

DTW 7.73

TD 10.55

WC 2.82

PV 1.8

METALS pH less than 2

Logged BY / Date: 12-17-99 [signature]

Reviewed BY / Date: _____

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 783149 Fort McClellan, SAD TERC

Manager: Jeanne Yacoub

RFA / COC Number: 101-121799-QSK

Site: **Boiler Plant No. 4 (Parcel 101)**

Location Code: **GSBP-101-MW01**

Sample Number: **BA3003**

Sample Name: **GSBP-101-MW01-GW-BA3003-FS**

Sampling Method: ~~SP~~ PP

Collection Date: 121799

Collection Time: 1407

Start Depth: N/A

End Depth: N/A

Sample Team: Allen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
METALS-W	N	C	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 Purge Record for BA3001									
Sample:									

NO PID

DTW	TD	WC	PV
7.73	10.55	2.82	1.8

metals pH less than 2

Logged BY / Date: 12-17-99

Reviewed BY / Date:

INTERNATIONAL TECHNOLOGY CORPORATION

ENTERED 9/25/00

Sample Collection Log

Project: 783149 Fort McClellan, SAD TERC

Manager: Jeanne Yacoub

RFA / COC Number: 101-121699-QSK

Site: Boiler Plant No. 4 (Parcel 101)
Location Code: GSBP-101-MW02
Sample Number: BA3004
Sample Name: GSBP-101-MW02-GW-BA3004-REG
Sampling Method: SP

Collection Date: 12-16-99
Collection Time: 0900

Start Depth: N/A
End Depth: N/A

Sample Team: Allen, Hudson

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	1	1	L	Amb. Glass
METALS-W	N	C	1	1	L	HDPE
EXTRA	N	D	1	1	L	Amb Glass

PURGE RECORD: 12-15-99

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
	1243	4.93							
	1248	5.50	160	7.54	.226	111	7.35	13.9	0
	1304	5.80	195	7.21	.539	138	7.37	15.4	1.3
	1325	6.25	230	7.34	.546	148	6.65	15.7	2.6
	1341	6.80	260	7.35	.540	140	6.42	15.7	3.9
	1351	7.54	250	7.37	.544	161	6.00	16.1	5.2 Recal. PV for 4" well
	1427	10.10	210	7.30	.591	271	5.30	16.2	10.4
	1446	WELL DRY							11.9 GAL
Sample: 12-16-99	0900	6.02	210	7.26	.587	158	4.70	16.1	—

PID	BCKGN	DTW	TD	WC	PV
0.0	0.0	4.93	12.93	8.0	~~13~~ 5.2

VOA's & METALS
Ph less than 2

Logged BY / Date: 12-16-99

Reviewed BY / Date: 9/25/00

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 783149 Fort McClellan, SAD TERC

Manager: Jeanne Yacoub

RFA / COC Number: 101-121699-OSK

Site: Boiler Plant No. 4 (Parcel 101)

Location Code: GSBP-101-MW02

Sample Number: BA3004-MS

Sample Name: GSBP-101-MW02-GW-BA3004-MS

Sampling Method: SP

Collection Date: 12-16-99

Collection Time: 0900

Start Depth: N/A

End Depth: N/A

Sample Team: Allen, Hudson

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	1	1	L	Amb. Glass
METALS-W	N	C	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	Purge	Record	for	BA3004		12-15-99			
Sample:									

PID	Bckgn	DTW	TD	WC	DV
0.0	0.0	4.93	12.93	8.0	5.2

Metals + VOAs Ph less than 2.

Logged BY / Date: 12-16-99

Reviewed BY / Date: 01/05/00

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 783149 Fort McClellan, SAD TERC

Manager: Jeanne Yacoub

RFA / COC Number: 101-121699-QSK

Site: Boiler Plant No. 4 (Parcel 101)
Location Code: GSBP-101-MW02
Sample Number: BA3004-MSD
Sample Name: GSBP-101-MW02-GW-BA3004-MSD
Sampling Method: SP

Collection Date: 12-16-99
Collection Time: 0900

Start Depth: N/A
End Depth: N/A

Sample Team: Allen, Hudson

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	1	1	L	Amb. Glass
METALS-W	N	C	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 Purge Record for BA3004 12-15-99									
Sample:									

PID	Bckgn	DTW	TD	WC	PV
0.0	0.0	4.93	12.93	8.0	5.2

Matrix = VOA
pH less than 2

Logged BY / Date: [signature] 12-16-99

Reviewed BY / Date: [signature] 01/05/00

INTERNATIONAL TECHNOLOGY CORPORATION

ENTERED 9/25/02 SK

Sample Collection Log

Project: 783149 Fort McClellan, SAD TERC

Manager: Jeanne Yacoub

RFA / COC Number: 101-121699-QSK2

Site: **Boiler Plant No. 4 (Parcel 101)**
Location Code: **GSBP-101-MW03**
Sample Number: **BA3005**
Sample Name: **GSBP-101-MW03-GW-BA3005-REG**
Sampling Method: **SP**

Collection Date: 12-16-99
Collection Time: 1530

Start Depth: N/A
End Depth: N/A

Sample Team: Allen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
METALS-W	N	C	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)
	1417	9.19							
	1422	9.95	165	6.85	.294	96.6	2.31	13.0	0
	1434	10.44	135	6.66	.299	135	1.47	17.5	3.2
	1449	10.62	115	6.67	.358	43.3	1.32	17.8	6.4
	1503	11.04	80	6.76	.380	36.7	1.47	17.7	9.6
	1515	12.10	-30	6.83	.347	25.3	1.21	18.1	12.8
	1530	11.92	-35	6.86	.391	52.3	1.20	17.8	16.0
Sample:									

PID	Bckgn	DTW	TD	WC	PV
0.0	0.0	9.19	14.12	4.93	3.2

METALS Ph less Than 2

Logged BY / Date: DeKae 12-16-99 *Reviewed BY / Date:*

INTERNATIONAL TECHNOLOGY CORPORATION

ENTERED 9/25/00

Sample Collection Log

Project: 783149 Fort McClellan, SAD TERC

Manager: Jeanne Yacoub

RFA / COC Number: 101-12-16-99-QS/C

Site: **Boiler Plant No. 4 (Parcel 101)**

Location Code: **GSBP-101-MW04**

Sample Number: **BA3006**

Sample Name: **GSBP-101-MW04-GW-BA3006-REG**

Sampling Method: **SP**

Collection Date: 12-16-99

Collection Time: ~~1400~~ 1345

Start Depth: N/A

End Depth: N/A

Sample Team: Allen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
METALS-W	N	C	1	1	L	HDPE

PURGE RECORD:

Initial	Time(24hr)	Depth to Water (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
	1210	10.63							
	1215	10.74	-10	6.67	.419	36.4	1.70	12.9	0
	1232	10.80	-20	6.54	.482	26.4	1.43	17.5	3.0
	1248	10.84	-15	6.46	.534	21.1	1.21	17.6	6.0
	1306	10.90	-20	6.46	.540	12.6	2.67	18.1	9.0
	1321	10.93	25	6.38	.538	8.9	1.44	18.4	12.0
	1335	11.00	15	6.40	.563	7.2	1.27	18.5	15.0
Sample:									

PID	Bckgd
0.0	0.0

~~EH pH Cond T~~
~~-10 6.67 .419~~

DTW	TD	WC	PV
10.63	15.19	4.56	3.0

Metals pH Less Than 2

Logged BY / Date: D.K. Allen 12-16-99

Reviewed BY / Date: 01/05/00

INTERNATIONAL TECHNOLOGY CORPORATION

ENTERED 9/25/00

Sample Collection Log

Project: 783149 Fort McClellan, SAD TERC

Manager: Jeanne Yacoub

RFA / COC Number:

Site: **Boiler Plant No. 4 (Parcel 101)**
Location Code: **GSBP-101-MW05**
Sample Number: **BA3007**
Sample Name: **GSBP-101-MW05-GW-BA3007-REG**
Sampling Method: ~~SP~~ PP

Collection Date: 12-17-99
Collection Time: 1435

Start Depth: N/A
End Depth: N/A

Sample Team: Allen

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
METALS-W	N	C	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)
	0903	7.83							
	0907	8.30	125	7.00	.541	98	3.74	16.8	0
	0935	11.31	-55	7.11	.531	804	3.08	17.3	2.7
	0954	well dry							4.3
	1435	8.61	-60	7.06	.451	56.1	0.51	19.1	
Sample:	~~1407~~	~~9.03~~	~~50~~	~~7.00~~	~~.570~~		~~1.66~~	~~18.3~~	~~DRY~~

PID	Bckgrn	DTW	TD	WC	PV
No PID		7.83	11.98	4.15	2.7

Metal ph less than 2

12-17-99

Logged BY / Date: DOKa

Reviewed BY / Date:

Soil Sampling Data Form

Client: USACE	**QST Project** FTMC - SI
Site Location Ft. McClellan, AL	**QST Project No.** 3196314G
QST Field Team Leader [illegible]	**QST Project Manager** Bill Elliott

DATE: 5-8-98 **SAMPLE TIME:** 0830

Boring # / Sample # SICH-SS01A **Lab Sample ID #** EFM1S #71

Sample Information:

Sample Depth: 11'-12'

Sampling Method: GEOPROBE

Location Description: See MAP

Sketch of Sample Location:

Soil Description: SHALEY CLAY, CL, 30% Shale, GREY TO RED BROWN High Plasticity, VERY STIFF TO HARD, VERY MOIST

Fractions Collected:

SV SV SV SS (SS) (SS) } QST LAB

(SV) (ESV) (ESV) } SAVANNAH LABS

Remarks:

Signature: [illegible] **Date:** 5-8-98

Reviewer: [illegible] **Date:** 6-15-98

Reviewer Title: QC

Soil Sampling Data Form

Client: USACE	QST Project FTMC - SI
Site Location Ft. McClellan, AL	QST Project No. 3196314G
QST Field Team Leader ACH	QST Project Manager Bill Elliott

DATE: 5-8-98 SAMPLE TIME: 0855

Boring # / Sample # SZ04-SS01B Lab Sample ID # EFM1S#69

Sample Information:

Sample Depth: 12'-13'

Sampling Method: GEOPROBE

Location Description: SEE MAP

Sketch of Sample Location:

Soil Description: Shale, Rock, DARK GREY, HARD, MOIST

Fractions Collected:

SV SV SV SS SS SS } QST LAB

ESV ESV SV } SAVANNAH LAB

Remarks:

Signature: [signature] Date: 5-8-98

Reviewer: [signature] Date: 6-15-98

Reviewer Title: QA

Soil Sampling Data Form

Client: USACE	**QST Project** FTMC - SI
Site Location Ft. McClellan, AL	**QST Project No.** 3196314G
QST Field Team Leader ACH	**QST Project Manager** Bill Elliott

DATE: 5-7-98 **SAMPLE TIME:** 1510

Boring # / Sample # SI04-SS02A **Lab Sample ID #** EFM1S #72

Sample Information:

Sample Depth: 10'-11'

Sampling Method: GEOPROBE

Location Description: SEE MAP

Sketch of Sample Location:

Soil Description: CREME TO RED BROWN SILT(SM), FIRM (COHESIVE) ~~WET~~, NON PLASTIC

Fractions Collected:

SV SV SV SS (SS) (SS) } QST LAB

(ESV X2) (SV) } SAVANNAH LABS

Remarks:

Signature: [signature] **Date:** 5-7-98

Reviewer: [signature] **Date:** 6-15-98

Reviewer Title: PG

Soil Sampling Data Form

Client: USACE	QST Project FTMC - SI
Site Location Ft. McClellan, AL	QST Project No. 3196314G
QST Field Team Leader ACH	QST Project Manager Bill Elliott

DATE: 5-7-98

SAMPLE TIME: 1525

Boring # / Sample # SI04-SS02B

Lab Sample ID # EFM1S # 70
FIELD DUPE EFM1S # 87

Sample Information:

Sample Depth: 11'-12'

Sampling Method: GEO PROBE

Location Description: SEE MAP

Sketch of Sample Location:

Soil Description: SILT (SM), 20% SAND, TAN TO RED BROWN FIRM, WET.

Fractions Collected:

SV SV SV SS (SS) (SS) } QST LAB

(SV) (ESV) (ESV) } SAVANNAH LAB

Remarks:

Signature: [signature]

Date: 5-7-98

Reviewer: [signature]

Date: 6-15-98

Reviewer Title: PG

Soil Sampling Data Form

Client: USACE	**QST Project** FTMC - SI
Site Location Ft. McClellan, AL	**QST Project No.** 3196314G
QST Field Team Leader ACH	**QST Project Manager** Bill Elliott

DATE: 5-8-98 **SAMPLE TIME:** 0930

Boring # / Sample # SIC4-SS03A **Lab Sample ID #** ETM1S #73

Sample Information:

Sample Depth: 6'-7'

Sampling Method: GEOPROBE

Location Description: SEE MAP

Sketch of Sample Location:

Soil Description: SHALE, ROCK (RX), LIGHT GREY, HARD, DRY, RED BROWN IRON STAINING.

Fractions Collected:

SV SV SV SS (SS) (SS) } QST LAB

(ESV) (ESV) (SV) } SAVANNAH LAB

Remarks:

Signature: [signature] **Date:** 5-8-98

Reviewer: [signature] **Date:** 6-15-98

Reviewer Title: PG

Soil Sampling Data Form

Client: USACE	QST Project FTMC - SI
Site Location Ft. McClellan, AL	QST Project No. 3196314G
QST Field Team Leader ACH	QST Project Manager Bill Elliott

DATE: 5-8-98 SAMPLE TIME: 0940

Boring # / Sample # SSI04-SS03B Lab Sample ID # EFM1S #74

Sample Information:

Sample Depth: 7'-8'

Sampling Method: GEOPROBE

Location Description: SEE MAP

Sketch of Sample Location:

Soil Description: SHALE, ROCK (RX), LIGHT GREY WITH RED BROWN IRON STAINING MOD. DRY

Fractions Collected:

SV SV SV SS SS SS } QST LAB

SV SV SV } SAVANNAH LABS

Remarks:

Signature: [illegible] Date: 5-8-98

Reviewer: [illegible] Date: 6-15-98

Reviewer Title: PG

Soil Sampling Data Form

Client: USACE	**QST Project** FTMC - SI
Site Location Ft. McClellan, AL	**QST Project No.** 3196314G
QST Field Team Leader ACH	**QST Project Manager** Bill Elliott

DATE: 5-7-98 **SAMPLE TIME:** 1610

Boring # / Sample # SI04 - SS04 **Lab Sample ID #** EFM18 #75

Sample Information:

Sample Depth: 0'-1'

Sampling Method: Geoprobe

Location Description: See Map

Sketch of Sample Location:

Soil Description: Red Brown to tan, CLAY, moderately plastic, firm, slightly moist

Fractions Collected:

SV SV SV SS (SS) (SS) } QST LAB

(SV) (ESV) (ESV) } SAVANNAH LAB

Remarks:

Signature: [signature] **Date:** 5-7-98

Reviewer: [signature] **Date:** 6-15-98

Reviewer Title: PG

Soil Sampling Data Form

Client: USACE	**QST Project** FTMC - SI
Site Location Ft. McClellan, AL	**QST Project No.** 3196314G
QST Field Team Leader ACH	**QST Project Manager** Bill Elliott

DATE: 5-7-98 **SAMPLE TIME:** 1555

Boring # / Sample # S104-S505 **Lab Sample ID #** EFM1S*76

Sample Information:

Sample Depth: 0'-1'

Sampling Method: GEOPROBE

Location Description: SEE MAP

Sketch of Sample Location:

Soil Description: RED BROWN TO TAN, CLAY, MOD PLASTIC, FIRM, SLIGHTLY MOIST

Fractions Collected:

SV SV SV SS (SS) (SS) } QST LAB

(SV) (ESV) (ESV) } SAVANNAH LAB

Remarks:

Signature: [signature] **Date:** 5-7-98

Reviewer: [signature] **Date:** 6-15-98

Reviewer Title: PG

Soil Sampling Data Form

Client: USACE	QST Project FTMC - SI
Site Location Ft. McClellan, AL	QST Project No. 3196314G
QST Field Team Leader ACH	QST Project Manager Bill Elliott

DATE: 5-7-98 SAMPLE TIME: 1435

Boring # / Sample # SI04-SS06 Lab Sample ID # EFM1S #77

Sample Information:

Sample Depth: 0'-1'

Sampling Method: GEO PROBE

Location Description: SEE MAP

Sketch of Sample Location:

Soil Description: TAN TO RED BROWN CLAY(CL) SL. MOIST, FIRM.

Fractions Collected:

SV SV SV SS SS SS } QST LAB

SV ESV X2 } SAVANNAH LAB

Remarks:

Signature: [illegible] Date: 5-7-98

Reviewer: [illegible] Date: 6-15-98

Reviewer Title: PG

Soil Sampling Data Form

Client: USACE	QST Project FTMC - SI
Site Location Ft. McClellan, AL	QST Project No. 3196314G
QST Field Team Leader AW	QST Project Manager Bill Elliott

DATE: 5-7-98 SAMPLE TIME: 1410

Boring # / Sample # SI04-SS07 Lab Sample ID # EFM1SX78

Sample Information:

Sample Depth: 0'-1'

Sampling Method: GEOPROBE

Location Description: SEE MAP

Sketch of Sample Location:

Soil Description: CLAY, TAN TO RED BROWN, SL. MOIST

Fractions Collected:

SV SV SV SS (SS) (SS) } QST LAB

(ESV x2) (SV) } SAVANNAH LAB

Remarks:

Signature: [signature] Date: 5-7-98

Reviewer: [signature] Date: 6-15-98

Reviewer Title: PG

SP #4

Well Sampling Data Form

SI4

Well No. GWS01

Client USACE
Site Location Ft. McClellan, AL
QST Field Team Leader ROA

QST Project FTMC - SI
QST Project No. 3196314G
QST Project Manager Bill Elliott

DATE: 5-8-98

SAMPLE TIME: 1300

WELL CONSTRUCTION INFORMATION:

Well Depth 12'
Annualar Space Length 12'
Stickup 3'

Well Casing Diameter 2"
Boring Diameter 2"

WATER LEVEL:

Held –
Cut –
DTW 6.22' Top of Casing

COLUMN OF WATER IN WELL:

Casing Length 15.0'
DTW Top of Casing 6.22'
Column of Water in Well

VOLUME TO BE REMOVED:

Gallons per foot of A.S. (from chart)	=	–
Column of Water or Length of A.S. (whichever is less)	×	–
Volume of Annular Space	=	–
Gallons per foot of Casing	=	–
Column of Water	×	–
Volume of Casing	=	–
Total Volume (Volume of A.S. + Volume of Casing)	=	–
Number of Volumes to be Evacuated	×	3 to 5
Total Volume to be Evacuated	=	– to –

Method of Purging: Peristaltic Pump

Pumping Rate (gpm): ~0.76 GPM

FIELD ANALYSES:

	Start	Mid (1)	Mid (2)	End	
Time	1150	1155	1202	1206	1217
pH	7.0	6.9	6.8	6.75	6.70
Conductivity	220	270	270	275	280
Temperature	19.7°	19.2°	18.3°	18.3°	19.4°
Volume Purged (gallons)	~1 GAL.	~2.5 GAL	~4 GAL	~5½ GALS	~8 GALS

Sample Number EFMIW #38

QA Samples: Field Dupe –
Eqpt. Blank –

FRACTIONS COLLECTED:

C EC HB LC (MS X2) (N) (VP X6) V

COMMENTS

Field Crew Leader: [signature] Date: 5-8-98
Reviewer: John Herbert Date: 6-15-98
Reviewer Title: Project Geologist

TSP #4

Well Sampling Data Form

354

Well No. GWS02

Client USACE
Site Location Ft. McClellan, AL
QST Field Team Leader RDK

QST Project FTMC - SI
QST Project No. 3196314G
QST Project Manager Bill Elliott

DATE: 5-8-98 **SAMPLE TIME:** 1430

WELL CONSTRUCTION INFORMATION:

Well Depth 16.5'
Annualar Space Length 16.0'
Stickup 3.5'

Well Casing Diameter 1"
Boring Diameter 2"

WATER LEVEL:

Held –
Cut –
DTW 8.00 Top of Casing

COLUMN OF WATER IN WELL:

Casing Length 20.0'
DTW Top of Casing 8.0'
Column of Water in Well 12.0'

VOLUME TO BE REMOVED:

Gallons per foot of A.S. (from chart)	=	–
Column of Water or Length of A.S. (whichever is less)	×	–
Volume of Annular Space	=	–
Gallons per foot of Casing	=	–
Column of Water	×	–
Volume of Casing	=	–
Total Volume (Volume of A.S. + Volume of Casing)	=	–
Number of Volumes to be Evacuated	×	3 to 5
Total Volume to be Evacuated	=	– to –

Method of Purging: Peristaltic Pump Pumping Rate (gpm): ~0.1 GPM

FIELD ANALYSES:

	Start	Mid (1)	Mid (2)	End
Time	1347	1354	1405	1413
pH	7.2	7.0	6.9	6.9
Conductivity	160	160	150	155
Temperature	21.4°	21.4°	21.3	21.3°
Volume Purged (gallons)	0.25 GAL	0.75 GALS	~2 GALS	~3 GALS

Sample Number EFM11W#39

QA Samples: Field Dupe –
Eqpt. Blank EFM1W#57

FRACTIONS COLLECTED:

C EC HB LC MS X2 N VP X6 V

COMMENTS WATER WK. GRAY & TURBID AT BEGINNING

Field Crew Leader: [signature] Date: 5-8-98
Reviewer: John Herbert Date: 6/15/98
Reviewer Title: Project Geologist

Well Sampling Data Form

Boiler Plant Site 4

Well No. GW01

Client USACE
Site Location Ft. McClellan, AL
QST Field Team Leader

QST Project FTMC - SI
QST Project No. 3196314G
QST Project Manager Bill Elliott

DATE: 5/21/98 **SAMPLE TIME:** 0925

WELL CONSTRUCTION INFORMATION:
Well Depth 10.81
Annualar Space Length
Stickup FLUSH
Well Casing Diameter 4"
Boring Diameter

WATER LEVEL:
Held —
Cut —
DTW 2.20 Top of Casing

COLUMN OF WATER IN WELL:
Casing Length 10.81
DTW Top of Casing 2.20
Column of Water in Well 8.60

VOLUME TO BE REMOVED:

Gallons per foot of A.S. (from chart)	=	—
Column of Water or Length of A.S. (whichever is less)	×	—
Volume of Annular Space	=	—
Gallons per foot of Casing	=	0.658
Column of Water	×	8.60
Volume of Casing	=	5.61
Total Volume (Volume of A.S. + Volume of Casing)	=	
Number of Volumes to be Evacuated	×	3 to 5
Total Volume to be Evacuated	=	16.8 to 28.1

Method of Purging: CENT. PUMP Pumping Rate (gpm):

FIELD ANALYSES:

	Start	Mid (1)	Mid (2)	End
Time	0850	0855	0910	
pH	7.0	6.8	6.5	
Conductivity	160	170	170	
Temperature	22.2	20.6	20.5	
Volume Purged (gallons)	3.5	3.5	9 gal	
	THAB 172	OVA 440	229	

Sample Number EFM1W*33 QA Samples: Field Dupe
Eqpt. Blank

FRACTIONS COLLECTED:

C EC HB LC (MS) (N) (VP) V

COMMENTS

Field Crew Leader: [signature] Date: 5/21/98
Reviewer: [signature] Date: 6/15/98
Reviewer Title: Proj. Geologist

Well Sampling Data Form

Boilers Plant Site 4

Well No. GW02

Client USACE
Site Location Ft. McClellan, AL
QST Field Team Leader

QST Project FTMC - SI
QST Project No. 3196314G
QST Project Manager Bill Elliott

DATE: 5/21/98

SAMPLE TIME: 0950

WELL CONSTRUCTION INFORMATION:

Well Depth 12.31
Annualar Space Length
Stickup FLUSH

Well Casing Diameter 4"
Boring Diameter

WATER LEVEL:

Held —
Cut —
DTW 3.01 Top of Casing

COLUMN OF WATER IN WELL:

Casing Length 12.31
DTW Top of Casing 3.01
Column of Water in Well 9.29

VOLUME TO BE REMOVED:

Gallons per foot of A.S. (from chart)	=	—
Column of Water or Length of A.S. (whichever is less)	×	—
Volume of Annular Space	=	—
Gallons per foot of Casing	=	0.6528
Column of Water	×	9.29 ~~3.01~~
Volume of Casing	=	6.06
Total Volume (Volume of A.S. + Volume of Casing)	=	
Number of Volumes to be Evacuated	×	3 to 5
Total Volume to be Evacuated	=	18.2 to 30.3

Method of Purging: CENT. PUMP

Pumping Rate (gpm):

FIELD ANALYSES:

	Start	Mid (1)	Mid (2)	End
Time	~~0907~~	0918	0932	0940
pH	~~7.0~~	6.7	7.1	7.0
Conductivity	~~160~~	220	240	230
Temperature	~~22.2~~	20.5	19.8	20.6
Volume Purged (gallons)	~~0.35~~	4.50	9.00	12.5
TURB.	172	50.6	213	182

Sample Number EFMIW#34

QA Samples: Field Dupe
Eqpt. Blank

FRACTIONS COLLECTED:

C EC HB LC MS N VP V

COMMENTS

Field Crew Leader: Peter F. Yanacek Date: 5/21/98
Reviewer: John Hebert Date: 6/15/98
Reviewer Title: Project Geologist

Well Sampling Data Form

Boiler Plant 4 Site 4

Well No. GW03

Client USACE
Site Location Ft. McClellan, AL
QST Field Team Leader

QST Project FTMC - SI
QST Project No. 3196314G
QST Project Manager Bill Elliott

DATE: 5/21/98

SAMPLE TIME: 1020

WELL CONSTRUCTION INFORMATION:

Well Depth 14.0
Annualar Space Length —
Stickup FLUSH

Well Casing Diameter 4"
Boring Diameter

WATER LEVEL: —
Held —
Cut —
DTW 4.15' Top of Casing

COLUMN OF WATER IN WELL:
Casing Length 14.0'
DTW Top of Casing 4.15'
Column of Water in Well 9.85

VOLUME TO BE REMOVED:

Gallons per foot of A.S. (from chart)	=	—
Column of Water or Length of A.S. (whichever is less)	×	—
Volume of Annular Space	=	—
Gallons per foot of Casing	=	0.6528
Column of Water	×	9.85
Volume of Casing	=	6.43
Total Volume (Volume of A.S. + Volume of Casing)	=	
Number of Volumes to be Evacuated	×	3 to 5
Total Volume to be Evacuated	=	19.3 to 32.1

Method of Purging: Cent. Pump

Pumping Rate (gpm):

FIELD ANALYSES:	Start	Mid (1)	Mid (2)	End
Time	0945	1005	1015	
pH	6.8	6.7	6.7	
Conductivity	140	150	140	
Temperature	19.2	19.5	20.5	
Volume Purged (gallons)	8	16.5 gal	15	
TURB.	46.1	317	292	

Sample Number EFM1W#35

QA Samples: Field Dupe
Eqpt. Blank

FRACTIONS COLLECTED:

C EC HB LC (MS) (N) (VP) V

COMMENTS

Field Crew Leader: Peter Vanouk Date: 5/21/98
Reviewer: John Herbert Date: 6/15/98
Reviewer Title: Proj. Geologist

Well Sampling Data Form

Boiler Plant 4 SITE 4

Well No. GW04

Client USACE
Site Location Ft. McClellan, AL
QST Field Team Leader

QST Project FTMC - SI
QST Project No. 3196314G
QST Project Manager Bill Elliott

DATE: ~~5/21/98~~ 5/26/98 JRH 6/15/98 SAMPLE TIME: 1050

WELL CONSTRUCTION INFORMATION:

Well Depth 13.61
Annualar Space Length —
Stickup FLUSH

Well Casing Diameter 4"
Boring Diameter

WATER LEVEL:

Held —
Cut —
DTW 5.58' Top of Casing

COLUMN OF WATER IN WELL:

Casing Length 13.61
DTW Top of Casing 5.58
Column of Water in Well 8.02

VOLUME TO BE REMOVED:

Gallons per foot of A.S. (from chart)	=	—
Column of Water or Length of A.S. (whichever is less)	×	—
Volume of Annular Space	=	—
Gallons per foot of Casing	=	0.6528
Column of Water	×	8.02
Volume of Casing	=	5.23
Total Volume (Volume of A.S. + Volume of Casing)	=	
Number of Volumes to be Evacuated	×	3 to 5
Total Volume to be Evacuated	=	15.7 to 26.2

Method of Purging: Cent. Pump Pumping Rate (gpm):

FIELD ANALYSES:

	Start	Mid (1)	Mid (2)	End
Time	0918	0932	0944	
pH	6.55	6.29	6.50	
Conductivity	240	210	200	
Temperature	17.2	~~21.3~~ 15.5	15.2	
Volume Purged (gallons)	6.9 (dry)	24.1	44.7	
	very cldy - no turb. opaque	very cloudy	turb = FFF	

Sample Number EFM3W#4

QA Samples: Field Dupe
Eqpt. Blank

FRACTIONS COLLECTED:

C EC HB LC (MS) (N) (VP) V

COMMENTS Erroneously used kit intended for SI02 - GW04.

Field Crew Leader: Peter Hancock Date: 5/26/98
Reviewer: John Herbert Date: 6/15/98
Reviewer Title: Project Geologist

2nd 0930 - 0932
3rd 0943 - 0944

Well Sampling Data Form

Boiler Plant 4 Site 4

Well No. GW05

Client USACE
Site Location Ft. McClellan, AL
QST Field Team Leader

QST Project FTMC - SI
QST Project No. 3196314G
QST Project Manager Bill Elliott

DATE: ~~5/21/98~~ 5/26/98 2RH 6/15/98 SAMPLE TIME: 1105

WELL CONSTRUCTION INFORMATION:

Well Depth 11.0
Annualar Space Length
Stickup FLUSH

Well Casing Diameter 4"
Boring Diameter

WATER LEVEL: —
Held —
Cut —
DTW 2.80' Top of Casing

COLUMN OF WATER IN WELL:
Casing Length 11.0'
DTW Top of Casing 2.80'
Column of Water in Well 8.2

VOLUME TO BE REMOVED:

Gallons per foot of A.S. (from chart)	=	—
Column of Water or Length of A.S. (whichever is less)	×	—
Volume of Annular Space	=	—
Gallons per foot of Casing	=	0.6528
Column of Water	×	8.2
Volume of Casing	=	5.35
Total Volume (Volume of A.S. + Volume of Casing)	=	
Number of Volumes to be Evacuated	×	3 to 5
Total Volume to be Evacuated	=	Not to 26.8

Method of Purging: Cent Pump. Pumping Rate (gpm):

FIELD ANALYSES:

	Start	Mid (1)	Mid (2)	End
Time	0955	1011	1025	1034
pH	6.70	6.83	6.93	6.92
Conductivity	230	260	310	270
Temperature	25.2	20.0	19.2	18.0
Volume Purged (gallons)	2	12	18.9	24
	v. cldy - notur.	v. cldy	cldy	cldy - FFF

Sample Number EFM3W*5 QA Samples: Field Dupe
Eqpt. Blank

FRACTIONS COLLECTED:

C EC HB LC (MS) (N) (VP) V

COMMENTS well very muddy

Field Crew Leader: [signature] Date: 5/26/98
Reviewer: [signature] Date: 6/15/98
Reviewer Title: Proj. Geologist

4 in 1st 0954 - 0959 = 6.9 gals. 4th 1030 - 1033 = 5.1
3 in 2nd 1006 - 1011 = 5.1 gal
4 in 3rd 1020 - 1024 6.9 gal

ANALYSIS REQUEST/CHAIN-OF-CUSTODY RECORDS

H9L170156

IT CORPORATION
A Member of The IT Group

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 101-121699-QSK

Project Number: 783149
Project Name: Fort McClellan, SAD TERC
Sample Coordinator: Jason Brown
Turnaround Time: NORMAL

Samples Shipment Date: 16-DEC-99
ab Destination: Quanterra Environmental Services - Knoxville
Lab Contact: John Reynolds
Project Contact: Randy McBride
Carrier/Waybill No.: Quality Express/ Courier

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) IT Corp	Date: 12/16/99 Time: 1530	1. Received By (Signature/Affiliation)	Date: 12/16/99 Time: 1530
2. Relinquished By (Signature/Affiliation)	Date: 12/17/99 Time: 0845	2. Received By (Signature/Affiliation) David D. Flora	Date: 12-17-99 Time: ~~0845~~ DF 12-17-99
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: 0745 Time:

Comments: NONE

Rec'd temp 3°C
Custody seals intact
D.F. 12-17-99

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
BA3004	GSBP-101-MW02-GW-BA3004-REG	16-DEC-99	09:00	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
BA3004	GSBP-101-MW02-GW-BA3004-REG	16-DEC-99	09:00	1 L Amb. Glass	1	None except cool to 4 C	Semivolatiles by 8270C	N		
BA3004	GSBP-101-MW02-GW-BA3004-REG	16-DEC-99	09:00	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		pH<2
BA3004-MS	GSBP-101-MW02-GW-BA3004-MS	16-DEC-99	09:00	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
BA3004-MS	GSBP-101-MW02-GW-BA3004-MS	16-DEC-99	09:00	1 L Amb. Glass	1	None except cool to 4 C	Semivolatiles by 8270C	N		
BA3004-MS	GSBP-101-MW02-GW-BA3004-MS	16-DEC-99	09:00	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		pH<2
BA3004-MS	GSBP-101-MW02-GW-BA3004-MSD	16-DEC-99	09:00	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
BA3004-MS	GSBP-101-MW02-GW-BA3004-MSD	16-DEC-99	09:00	1 L Amb. Glass	1	None except cool to 4 C	Semivolatiles by 8270C	N		

H9L170156

IT CORPORATION
A Member of The IT Group

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 101-121699-QSK

Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
BA3004-MS	GSBP-101-MW02-GW-BA3004-MSD	16-DEC-99	09:00	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		pH<2
BA3006	GSBP-101-MW04-GW-BA3006-REG	16-DEC-99	13:45	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		✓

H9L210139

IT CORPORATION
A Member of The IT Group

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 101-121799-QSK

Project Number: 783149
Samples Shipment Date: 17-DEC-99
Project Name: Fort McClellan, SAD TERC
ab Destination: Quanterra Environmental Services - Knoxville
Sample Coordinator: Jason Brown
Lab Contact: John Reynolds
Turnaround Time:
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) DLK Ale IT	Date: 20 Dec 99 Time: 0830	1. Received By (Signature/Affiliation)	Date: Time:
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) Justin Wilkins	Date: 12-21-99 Time: 9:00

Comments: BA 3001, 3002 TAKEN @ 1407 hrs ON 17 Dec 99
BA 3007 TAKEN @ 1435 hrs ON 17 Dec 99

Recd at 2°C JW 12-21-99
No Custody Seals Intact
JW 12-21-99

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
BA3001	GSBP-101-MW01-GW-BA3001-REG	17-DEC-99	14:07	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		PH<2
BA3002	GSBP-101-MW01-GW-BA3002-FD	17-DEC-99	14:07	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		✓
BA3007	GSBP-101-MW05-GW-BA3007-REG	17-DEC-99	14:35	1 L HDPE	1	HNO3<PH 2	TAL METALS BY 6010B/7470A - WATER	N		

IT CORPORATION
A Member of The IT Group

HAL210139

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 101-121699-QSK2

Project Number: 783149
Project Name: Fort McClellan, SAD TERC
Sample Coordinator: Jason Brown
Turnaround Time:

Samples Shipment Date: 16-DEC-99
ab Destination: Quanterra Environmental Services - Knoxville
Lab Contact: John Reynolds
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.R. Allen IT	Date: 20 Dec 99 Time: 0830	1. Received By (Signature/Affiliation)	Date: Time:
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) Justin Williams	Date: 12-21-99 Time: 9:00

Comments:
Rec'd at 2°C JW 12-21-99
No Custody Seals Intact
JW 12-21-99

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
BA3005	GSBP-101-MW03-GW-BA3005-REG	16-DEC-99	15:30	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		pH<2

Serial Number 93089

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (954) 421-7400 — Fax: (954) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (334) 666-6633 — Fax: (334) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE: Ft McClellan
PROJECT NO.:
P.O. NUMBER:
PAGE 1 OF

PROJECT LOC. (State):
SAMPLER(s) NAME:
PHONE:
FAX:

CLIENT NAME: QST
CLIENT PROJECT MANAGER: Bill Elliott

CLIENT ADDRESS (CITY, STATE, ZIP): PO Box 1703 Gainesville FL 32602

☐ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: ENCORE SAMPLER / SOIL VOLATILE FRACTION

SAMPLE DATE	SAMPLE TIME		SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID	NUMBER OF CONTAINERS SUBMITTED										REMARKS
5-8-98	0830		SI04-SS01A (11'-12')		✓			2	1									EFM1S #71
5-8-98	0855		SI04-SS01B (12'-13')		✓			2	1									EFM1S #69
5-8-98	0930		SI04-SS03A (6'-7')		✓			2	1									EFM1S #73
5-8-98	0940		SI04-SS03B (7'-8')		✓			2	1									EFM1S #74
5-8-98	1050		SI16-SS04 (0'-1')		✓			2	1									EFM1S #40
5-8-98	1400		SI16-SS01A (0'-1')		✓			2	1									EFM1S #38
5-8-98	1405		SI16-SS01B (3'-4')		✓			2	1									EFM1S #39
5-8-98	1410		SI16-SS03 (0'-1')		✓			2	1									EFM1S #41
5-8-98	1425		SI16-SS02A (1'-2')		✓			2	1									EFM1S #36
5-8-98	1430		SI16-SS02B (3'-4')		✓			2	1									EFM1S #37
5-8-98	1505		SI16-SS05 (0'-1')		✓			2	1									EFM1S #42
5-8-98	1505		SI16-SS05 (0'-1') Duplicate #8		✓			2	1									EFM1S #88
5-8-98	1505		MSMSD For SI16-SS05		✓			2	1									MSMSD For #42

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	5-8-98	1715						

RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS								

ORIGINAL

QST Environmental 05-04-98 *** FIELD LOGSHEET *** FIELD GROUP: EFM1W

PROJECT NUMBER 1298523G 0201 FG NAME: FORT MCCLELLAN ESPS LAB COORD. HUGH PRENTICE

QST #	SITE/STA	HAZ?	FRACTIONS (CIRCLE)	DATE	TIME	PARAMETER LIST	SITE TYPE	SAMPLE TYPE	SAMPLE TECHNIQUE	DEP
*50	EBLNK		C EC EC HB HB LC LC MS MS N V V V V V V VP VP VP VP VP VP			MWATER*13				
*51	EBLNK For Soils At SI04		C EC EC HB HB LC LC MS MS N V V V V V V VP VP VP VP VP VP	5-7-98	1452	MWATER*13	QCRB/~~QC~~	QC	G	N1
*52	EBLNK ~~For Soils At~~ ~~SI04~~		C EC EC HB HB LC LC MS MS N V V V V V V VP VP VP VP VP VP			MWATER*13				
*53	EBLNK		C EC EC HB HB LC LC MS MS N V V V V V V VP VP VP VP VP VP			MWATER*13				
*54	EBLNK		C EC EC HB HB LC LC MS MS N V V V V V V VP VP VP VP VP VP			MWATER*13				

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN COMPLETED LOGSHEETS WITH SAMPLES TO QST Environmental

SAMPLED BY: (Name/Organization) Richard Hill / QST

RELINQUISHED BY: (Name/Organization/Date/Time) VIA: REC'D BY (Name/Organization/Date/Time)

1 R. Hill / QST / 5-7-98 / 1730 / UPS

2

3

SAMPLER: Shipped on Ice? Yes/No; I anticipate shipping 15 (#) more samples on 5/8

SAMPLE CUSTODIAN: Custody Seals Used? Yes/No; If Yes, Seals Intact? Yes/No Interior Temp? ___Deg C

Preservatives Audited? Yes/No Any Problems? Yes/No; If Yes, describe:

QST Environmental 04-28-98 *** FIELD LOGSHEET *** FIELD GROUP: **EFM1S**
PROJECT NUMBER 1298523G 0201 FG NAME: FORT MCCLELLAN ESPS LAB COORD. HUGH PRENTICE

QST #	SITE/STA	HAZ?	FRACTIONS (CIRCLE)	DATE	TIME	PARAMETER LIST	DEPTH	SAMPLE TYPE	SITE TYPE	SAMPLE TECHNIQUE
*61	SI06-SS14		SS SS SV SV			EMSOIL.12				
*62	SI06-SS15		SS SS SV SV			EMSOIL.12				
*63	SI01-SS01B		SS SS SV SV			EMSOIL.14				
*64	SI01-SS02B		SS SS SV SV			EMSOIL.14				
*65	SI01-SS01A		SS SS SV SV			EMSOIL.16				
*66	SI01-SS02A		SS SS SV SV			EMSOIL.16				
*67	SI01-SS03A		SS SS SV SV			EMSOIL.16				
*68	SI01-SS03B		SS SS SV SV			EMSOIL.16				
*69	SI04-SS01B		(SS) (SS) SV SV	5-8-98	0855	EMSOIL.14	12'-13'	So	BORE	S
*70	SI04-SS02B		SS SS SV SV			EMSOIL.14				

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN COMPLETED LOGSHEETS WITH SAMPLES TO QST Environmental

SAMPLED BY: (Name/Organization) Richard Hill / QST

RELINQUISHED BY: (Name/Organization/Date/Time) VIA: REC'D BY (Name/Organization/Date/Time)

1 R. Hill / QST | 5-8-98 | 1715 | Fed X

2

3

SAMPLER: Shipped on Ice? (Yes/No); I anticipate shipping 15 (#) more samples on 5/11
SAMPLE CUSTODIAN: Custody Seals Used? Yes/No; If Yes, Seals Intact? Yes/No Interior Temp? ___Deg C
Preservatives Audited? Yes/No Any Problems? Yes/No; If Yes, describe:

QST Environmental 04-28-98 *** FIELD LOGSHEET *** FIELD GROUP: EFM1S
PROJECT NUMBER 12985230 0201 FG NAME: FORT MCCLELLAN ESPS LAB COORD. HUGH PRENTICE

QST #	SITE/STA	HAZ?	FRACTIONS (CIRCLE)	DATE	TIME	PARAMETER LIST	Depth	SAMPLE TYPE	SITE TYPE	SAMPLE TECHNIQUE
*71	SI04-SS01A		SS SS SV SV	5-8-98	0830	EMSOIL.16	11'-12'	SO	BORE	S
*72	SI04-SS02A		SS SS SV SV			EMSOIL.16				
*73	SI04-SS03A		SS SS SV SV	5-8-98	0930	EMSOIL.16	6'-7'	SO	BORE	S
*74	SI04-SS03B		SS SS SV SV	5-8-98	0940	EMSOIL.16	7'-8'	SO	BORE	S
*75	SI04-SS04		SS SS SV SV			EMSOIL.16				
*76	SI04-SS05		SS SS SV SV			EMSOIL.16				
*77	SI04-SS06		SS SS SV SV			EMSOIL.16				
*78	SI04-SS07		SS SS SV SV			EMSOIL.16				
*79			SS SS SV SV							
*80			SS SS SV SV							

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN COMPLETED LOGSHEETS WITH SAMPLES TO QST Environmental

SAMPLED BY: (Name/Organization) Richard Hill / QST

RELINQUISHED BY: (Name/Organization/Date/Time) VIA: REC'D BY (Name/Organization/Date/Time)

1 R. Hill / QST / 5-8-98 / 1715 / FedX

2

3

SAMPLER: Shipped on Ice? Yes/No; I anticipate shipping 15 (#) more samples on 5/11
SAMPLE CUSTODIAN: Custody Seals Used? Yes/No; If Yes, Seals Intact? Yes/No Interior Temp? ___Deg C
Preservatives Audited? Yes/No Any Problems? Yes/No; If Yes, describe:

QST Environmental 04-29-98 *** FIELD LOGSHEET *** FIELD GROUP: **EFM1W**
PROJECT NUMBER 1298523G 0201 FG NAME: FORT MCCLELLAN ESPS LAB COORD. HUGH PRENTICE

QST #	SITE/STA	HAZ?	FRACTIONS (CIRCLE)	DATE	TIME	PARAMETER LIST	SAMP. TYPE/SITE TYPE/SAMP. TECH.	pH/Cond./T
*38	SI04-GWS01		~~X EX EC HB HB LC DC~~ (MS) ~~MS N V V V V V V~~ VP VP VP VP VP VP	5-8-98	1300	MWATER*13	GW/WELL/P	6.70/280/19.4
*39	SI04-GWS02		~~X EG EC HB HB LC DC~~ (MS) ~~MS N V V V V V V~~ VP VP VP VP VP VP	5-8-98	1430	MWATER*13	GW/WELL/P	6.90/155/21.3

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE,TIME,FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: **I**-IGNITABLE **C**-CORROSIVE **R**-REACTIVE **T**-TOXIC WASTE **H**-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN COMPLETED LOGSHEETS WITH SAMPLES TO QST Environmental

SAMPLED BY: (Name/Organization) BOB HAZLETT / QST ENV.

RELINQUISHED BY: (Name/Organization/Date/Time)	VIA:	REC'D BY (Name/Organization/Date/Time)
1 Richard C Hazlett/QST/5-8-98/1730		
2 ✓		
3		

SAMPLER: Shipped on Ice? Yes/No; I anticipate shipping ____(#) more samples on ___/___
SAMPLE CUSTODIAN: Custody Seals Used? Yes/No; If Yes, Seals Intact? Yes/No Interior Temp? ___Deg C
Preservatives Audited? Yes/No Any Problems? Yes/No; If Yes, describe:

QST Environmental 04-29-98 *** FIELD LOGSHEET *** _FIELD GROUP: EFM1W
PROJECT NUMBER 1298523G 0201 FG NAME: FORT MCCLELLAN ESPS LAB COORD. HUGH PRENTICE

QST #	SITE/STA	HAZ?	FRACTIONS (CIRCLE)	DATE	TIME	PARAMETER LIST	DEPTH	SITE ~~SAMPLE~~ TYPE	SAMPLE TYPE	SAMPLE TECHNIQUE
*40	TRPBLK		VP VP VP			EMWATER*2				
*41	TRPBLK		VP VP VP			EMWATER*2				
*42	TRPBLK		VP VP VP			EMWATER*2				
*43	TRPBLK		VP VP VP	5-8-98	1445	EMWATER*2	NA	QCTB	QC	G
*44	TRPBLK		VP VP VP			EMWATER*2				
*45	TRPBLK		VP VP VP			EMWATER*2				
*46	TRPBLK		VP VP VP			EMWATER*2				
*47	TRPBLK		VP VP VP			EMWATER*2				
*48	TRPBLK		VP VP VP			EMWATER*2				
*49	TRPBLK		VP VP VP			EMWATER*2				

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN COMPLETED LOGSHEETS WITH SAMPLES TO QST Environmental

SAMPLED BY: (Name/Organization) Richard Hill / QST

RELINQUISHED BY: (Name/Organization/Date/Time) VIA: REC'D BY (Name/Organization/Date/Time)

1 Richard Hill / QST / 5-8-98 / 1715 / FED X

2

3

SAMPLER: Shipped on Ice? Yes/No; I anticipate shipping 15 (#) more samples on 5/11
SAMPLE CUSTODIAN: Custody Seals Used? Yes/No; If Yes, Seals Intact? Yes/No Interior Temp? ___Deg C
Preservatives Audited? Yes/No Any Problems? Yes/No; If Yes, describe:

QST Environmental 05-04-98 *** FIELD LOGSHEET *** FIELD GROUP: **EFM1W**

PROJECT NUMBER 1298523G 0201 FG NAME: FORT MCCLELLAN ESPS LAB COORD. HUGH PRENTICE

QST #	SITE/STA	HAZ?	FRACTIONS (CIRCLE)	DATE	TIME	PARAMETER LIST SAMP. TYPE / SITE TYPE / SAMP TECH. pH / COND. / TEMP.
*50	EBLNK		C EC EC HB HB LC LC MS MS N V V V V V V VP VP VP VP VP VP			MWATER*13
*51	EBLNK		C EC EC HB HB LC LC MS MS N V V V V V V VP VP VP VP VP VP			MWATER*13
*52	EBLNK		C EC EC HB HB LC LC MS MS N V V V V V V VP VP VP VP VP VP			MWATER*13
*53	EBLNK		C EC EC HB HB LC LC MS MS N V V V V V V VP VP VP VP VP VP	5-8-98	1330	MWATER*13 QC / RNSW / P ~~6.70~~ / ~~280~~ / ~~19.4~~ RCW
*54	EBLNK		C EC EC HB HB LC LC MS MS N V V V V V V VP VP VP VP VP VP			MWATER*13

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: **I**-IGNITABLE **C**-CORROSIVE **R**-REACTIVE **T**-TOXIC WASTE **H**-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN COMPLETED LOGSHEETS WITH SAMPLES TO QST Environmental

SAMPLED BY: (Name/Organization) Rob Hazlett / QST Env.

RELINQUISHED BY: (Name/Organization/Date/Time)	VIA:	REC'D BY (Name/Organization/Date/Time)
1 Robert C Hazlett / QST / 5-8-98 / 1730		
2		
3		

SAMPLER: Shipped on Ice? Yes/No; I anticipate shipping ____(#) more samples on ___/___
SAMPLE CUSTODIAN: Custody Seals Used? Yes/No; If Yes, Seals Intact? Yes/No Interior Temp? ___Deg C
Preservatives Audited? Yes/No Any Problems? Yes/No; If Yes, describe:

QST Environmental 05-04-98 *** FIELD LOGSHEET *** FIELD GROUP: **EFM1W**

PROJECT NUMBER 1298523G 0201 FG NAME: FORT MCCLELLAN ESPS LAB COORD. HUGH PRENTICE

QST #	SITE/STA	HAZ?	FRACTIONS (CIRCLE)	DATE	TIME	PARAMETER LIST	DEPTH	SITE TYPE	SAMPLE TYPE	SAMPLE TECHNIQ
*50	EBLNK		C EC EC HB HB LC LC MS MS N V V V V V V VP VP VP VP VP VP			MWATER*13				
*51	EBLNK		C EC EC HB HB LC LC MS MS N V V V V V V VP VP VP VP VP VP			MWATER*13				
*52 FOR SOILS ~~FA~~ SITE SI16	EBLNK		C EC EC HB HB LC LC MS MS N V V V V V V VP VP VP VP VP VP	5-8-98	1450	MWATER*13	NA	QCRB	QC	G
*53	EBLNK		C EC EC HB HB LC LC MS MS N V V V V V V VP VP VP VP VP VP			MWATER*13				
*54	EBLNK		C EC EC HB HB LC LC MS MS N V V V V V V VP VP VP VP VP VP			MWATER*13				

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE,TIME,FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: **I**-IGNITABLE **C**-CORROSIVE **R**-REACTIVE **T**-TOXIC WASTE **H**-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN COMPLETED LOGSHEETS WITH SAMPLES TO QST Environmental

SAMPLED BY: (Name/Organization) Richard Hill / QST

RELINQUISHED BY: (Name/Organization/Date/Time) VIA: REC'D BY (Name/Organization/Date/Time)

1 Richard Hill/QST/5-8-98/1715/ Fed X

2

3

SAMPLER: Shipped on Ice? Yes/No; I anticipate shipping 15 (#) more samples on 5/11

SAMPLE CUSTODIAN: Custody Seals Used? Yes/No; If Yes, Seals Intact? Yes/No Interior Temp? ___Deg C

Preservatives Audited? Yes/No Any Problems? Yes/No; If Yes, describe: