

APPENDIX 4

**HAIRITAGE DESIGN (D) AND ESB, INC. (G) – 412 &
400 12TH AVENUE SOUTH, CLINTON / IDNR
REGISTRATION NO. 200300024, IDNR LUST NO.
9LTL89**

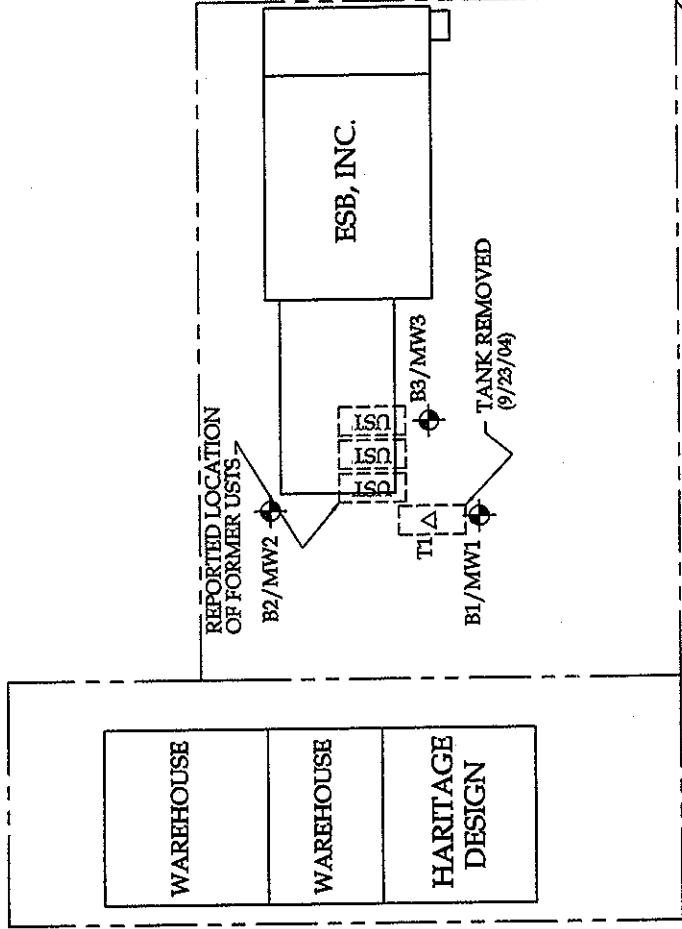
**PHOTOS, MAPS, TABLES, WELL LOGS/WELL
CONSTRUCTION DIAGRAMS, & ANALYTICAL
DATA SHEETS**



Hairitage Design, 412 12th Avenue South



ESB, Inc. 400 12th St.



12th AVENUE SOUTH

◆ MONITORING WELL



FILE NAME: CLINTON UST
 PROJECT NO: 6246500
 SITE: CLINTON UST FIELDS
 HERITAGE DESIGN/ESB
 CLINTON, IOWA
 SITE PLAN MAP



Seneca
 Environmental Services

FIGURE 1

REVISED:	01/19/05
DATE:	4/16/04
REVIEWED BY:	SF
DRAWN BY:	RLH
LUST NUMBER:	N/A
SCALE:	1" = 40'

**CLINTON UST FIELDS
HAIRITAGE DESIGN AND ESB, INC.
400/412 12TH AVENUE SOUTH
(D) (G)**

WELL/ BH LABEL	DATE	SOIL/GW	BENZENE	TOLUENE	ETHYLBENZENE	XYLENE	TEH- DIESEL	TEH- WASTE OIL	MTBE	GROUND SURFACE ELEVATION	TOC	TOS	SOIL SAMPLE DEPTH	WATER LEVEL
B1	9/8/2004	Soil	<0.005	<0.005	<0.005	<0.015	816	35.9	<0.015	596.05	NA	NA	586.05	NA
B2	9/8/2004	Soil	<0.005	<0.005	<0.005	<0.015	<10	18.3	<0.015	596.63	NA	NA	586.63	NA
B3	9/8/2004	Soil	<0.005	<0.005	<0.005	<0.015	<10	<10	<0.015	596.34	NA	NA	586.34	NA
T1	9/23/2004	Soil	0.008	<0.005	0.021	0.021	2440	101	<0.015	NA	NA	NA	8.5	NA
MW1	11/16/2004	GW	14.6	<5	<5	<15	6220	393	<5	596.05	595.73	586.73	NA	586.78
MW2	11/16/2004	GW	<1	<1	<1	<3	<380	397	<1	596.63	596.39	586.39	NA	587.24
MW3	11/16/2004	GW	<1	<1	<1	<3	1200	445	<1	596.34	595.75	586.75	NA	586.35

Soil Results: Units = mg/kg
Groundwater Results: Units = mg/kg

SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM

Boring / Well Number: B1/MW1	Facility Address: Clinton UST Fields— Hairitage Design/ESB Inc.	Facility Street Address: 400/412 12 th Ave South, Clinton, IA
Boring Depth (ft) X Diameter (in): 19' x 4 1/4"		Drilling Method: Hollow Stem Auger / Air Hammer
Well Contractor Name: Robinson Contracting, Inc./Geosource Registration Number: 40617/1413		Logged by: Jacque Akers SENECA

Ground Surface Elevation (ASL): 596.05	Top of Casing Elevation (ASL): 595.73
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Date: 9/08/04 Start Time: 2:30 pm	Date: 11/09/2004 End Time: 1:15 PM	UST Number: N/A	LUST Number: N/A
--------------------------------------	---------------------------------------	--------------------	---------------------

Depth (feet)	Well Construction Details	Blow Count if applicable	Sample No. Type*	PID / FID Reading	Rock Formations, Soil, Color and Classifications, Observations (moisture, odor, etc.) First column for USCS	
- 0					Surface – Asphalt	
- 1		0			1-3': Black Sand/Gravel	
- 2		0			3-5': Moist Silty Sand, Black, No odor	
- 3		0			5-10': Black Sandy Clay,	
- 4		0			4	
- 5		0			33	
- 6		0			478	
- 7		0			*520	
- 8		0		HSA	370	10-12': Gray Sand with Rocks
- 9		0			240	12-13': Brown Sandy
- 10		0			0	Rock @ 13'
- 11		0				EOB = 19'
- 12		0				Soil Sample @ 10'
- 13		0				Well Set at 19'
- 14		0				9' Riser, 10' Screen
- 15		0				Soil Drilled to 13' 9/08/04
- 16		0				Bedrock drilled from 13 to 19' 11/09/2004
- 17		0				
- 18		0				
- 19		0				
- 20	0					

* SS (split spoon) HS (hollow stem auger)

Observations	Date:	11/09/2004			
Water Levels (ASL)	Level:	586.78			
Static Water Level Symbol v	Time:	1:15 PM			

SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM

Boring / Well Number: B2/MW2	Facility Address: Clinton UST Fields— Hairitage Design/ESB Inc.	Facility Street Address: 400/412 12 th Ave South, Clinton, IA
Boring Depth (ft) X Diameter (in): 25' x 4 1/4"		Drilling Method: Hollow Stem Auger / Air Hammer
Well Contractor Name: Robinson Contracting, Inc /Geosource Registration Number: 40617/1413		Logged by: Jacque Akers SENECA

Ground Surface Elevation (ASL): 596.63	Top of Casing Elevation (ASL): 596.39
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Date: 9/8/04	Date: 11/09/2004	UST Number: N/A	LUST Number: N/A
Start Time: 3:15 pm	End Time: 12:30 PM		

Depth (feet)	Well Construction Details	Blow Count if applicable	Sample No. Type*	PID / FID Reading	Rock Formations, Soil, Color and Classifications, Observations (moisture, odor, etc) First column for USCS
- 0 - 2 - 4 - 6 - 8 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 26 - 28 - 30 - 32 - 34 - 36	<p style="text-align: center;">Well completed with 2" SCH 40 PVC with 10-slot, 10' screen.</p>		HSA	0 0 0 0 0 0 0*	Surface – Asphalt 0-1': Gravel 1-3': Gravel and Black Sand 3-5': Black Sandy Clay 5-9': Grayish Black Sandy Clay, 9-10': Layered Yellow Rock, no odor Rock @ 10' EOB= 10' Soil Sample @ 10' Well Set at 25' 10' Riser, 15' Screen Soil Drilled to 10' 09/08/04 Bedrock drilled from 10 to 25' 11/09/04

* SS (split spoon) HS (hollow stem auger)

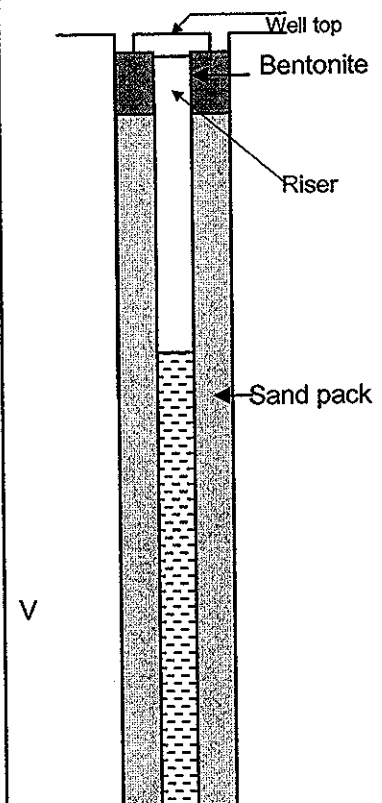
Observations	Date:	11/9/2004			
Water Levels (ASL)	Level:	586.35			
Static Water Level Symbol v	Time:	12 PM			

SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM

Boring / Well Number: B3/MW3	Facility Address: Clinton UST Fields— Hairitage Design/ESB Inc.	Facility Street Address: 400/412 12 th Ave South, Clinton, IA
Boring Depth (ft) X Diameter (in): 19' x 4 1/4"		Drilling Method: Hollow Stem Auger / Air Hammer
Well Contractor Name: Robinson Contracting, Inc./Geosource Registration Number: 40617/1413		Logged by: Jacque Akers SENECA

Ground Surface Elevation (ASL): 596.34	Top of Casing Elevation (ASL): 595.75
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Date: 9/08/04 Start Time: 4:00 pm	Date: 11/09/2004 End Time: 4:00 PM	UST Number: N/A	LUST Number: N/A
--------------------------------------	---------------------------------------	--------------------	---------------------

Depth (feet)	Well Construction Details	Blow Count if applicable	Sample No. Type*	PID / FID Reading	Rock Formations, Soil, Color and Classifications, Observations (moisture odor, etc.) First column for USCS
- 0 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20	 <p style="font-size: small;">Well completed with 2" SCH 40 PVC with 10-slot, 10' screen.</p>		HSA	0 0 0 0 0 0 0 0 0 0 *0	Surface – Asphalt 0-1': Gravel 1-2': Gravel and Black Sand 2-3': Brown Sand 3-5': Black Sandy Clay 5-9': Black Sandy Clay, 9-10': Layered Yellow Rock, no odor Rock @ 10' EOB= 10' Soil Sample @ 10' Well Set at 19' 9' Riser, 10' Screen Soil Drilled to 10' 9/08/04 Bedrock drilled from 10 to 19' 11/09/2004

* SS (split spoon) HS (hollow stem auger)

Observations	Date:	11/09/2004			
Water Levels (ASL)	Level:	586.35			
Static Water Level Symbol v	Time:	3:30 PM			

ANALYTICAL REPORT

SEP 23 2004

Mark Diehl
SENECA ENVIRONMENTAL SERV.
17851 244th Avenue
Bettendorf, IA 52722

09/21/2004

TestAmerica Job: 04.12481

Project Number: 6246500
Project: Clinton UST Fields-ESB

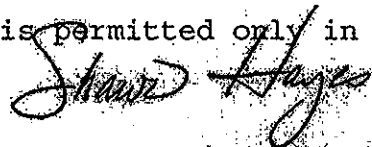
Enclosed is the Analytical and Quality Control reports for the following samples submitted to the Cedar Falls Division of TestAmerica, Inc. for analysis.

<u>Sample Number</u>	<u>Sample Description</u>	<u>Date Taken</u>	<u>Date Received</u>
822840	B1 10'	09/08/2004	09/10/2004
822841	B2 10'	09/08/2004	09/10/2004
822842	B3 10'	09/08/2004	09/10/2004

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.



Shawn Hayes
Project Manager

ANALYTICAL REPORT

Mark Diehl
 SENECA ENVIRONMENTAL SERV.
 17851 244th Avenue

09/21/2004

Job Number: 04 12481

Bettendorf, IA 52722
 800-728-6900

Sample Number: 822840

Collected by: Todd Felderman

Collectors Phone No.: 800-369-3500

Job Description: CLINTON UST FIELDS-ESB
 6246500

Date Taken: 09/08/2004

Sample ID: B1 10'

Date Received: 09/10/2004

Analyte	Result	Result		Analyst	Date Analyzed	Method	Quantitation	
		Units	Flag				Limit	Matrix
UST VOLATILE COMPOUNDS - 8260								
Benzene	<0.005	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.005	SOIL
Toluene	<0.005	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.005	SOIL
Ethylbenzene	<0.005	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.005	SOIL
Xylenes, Total	<0.015	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.015	SOIL
MIBK	<0.015	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.015	SOIL
Extraction Prep, soil	COMPLETE			acm	09/13/2004	IOWA-OA2		SOIL
EXTRACTABLE HYDROCARBONS-SOIL								
Total Extractable Hydrocarbons	1,090	mg/kg		ljm	09/17/2004	IA-OA2/S-8015	10	SOIL
Diesel	816	mg/kg		ljm	09/17/2004	IA-OA2/S-8015	10	SOIL
Gasoline	242	mg/kg		ljm	09/17/2004	IA-OA2/S-8015	10	SOIL
Motor Oil	35.9	mg/kg		ljm	09/17/2004	IA-OA2/S-8015	10	SOIL

All results are calculated on a wet weight basis.

ANALYTICAL REPORT

Mark Diehl
 SENECA ENVIRONMENTAL SERV.
 17851 244th Avenue

Bettendorf, IA 52722
 800-728-6900

09/21/2004

Job Number: 04.12481

Sample Number: 822841

Collected by: Todd Felderman

Collectors Phone No.: 800-369-3500

Job Description: CLINTON UST FIELDS-ESB

Date Taken: 09/08/2004

6246500

Sample ID: B2 10'

Date Received: 09/10/2004

Analyte	Result	Result		Analyst	Date Analyzed	Method	Quantitation	
		Units	Flag				Limit	Matrix
UST VOLATILE COMPOUNDS - 8260								
Benzene	<0.005	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.005	SOIL
Toluene	<0.005	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.005	SOIL
Ethylbenzene	<0.005	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.005	SOIL
Xylenes, Total	<0.015	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.015	SOIL
MTBE	<0.015	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.015	SOIL
Extraction Prep. soil	COMPLETE			acm	09/13/2004	IOWA-0A2		SOIL
EXTRACTABLE HYDROCARBONS-SOIL								
Total Extractable Hydrocarbons	18.3	mg/kg		ljm	09/17/2004	IA-OA2/S-8015	10	SOIL
Diesel	<10	mg/kg		ljm	09/17/2004	IA-OA2/S-8015	10	SOIL
Gasoline	<10	mg/kg		ljm	09/17/2004	IA-OA2/S-8015	10	SOIL
Motor Oil	18.3	mg/kg		ljm	09/17/2004	IA-OA2/S-8015	10	SOIL

All results are calculated on a wet weight basis

ANALYTICAL REPORT

Mark Diehl
 SENECA ENVIRONMENTAL SERV.
 17851 244th Avenue

Bettendorf, IA 52722
 800-728-6900

09/21/2004

Job Number: 04.12481

Sample Number: 822842

Collected by: Todd Felderman

Collectors Phone No.: 800-369-3500

Job Description: CLINTON USI FIELDS-ESB
 6246500

Date Taken: 09/08/2004

Sample ID: B3 10'

Date Received: 09/10/2004

Analyte	Result	Units	Result		Date Analyzed	Method	Quantitation	
			Flag	Analyst			Limit	Matrix
UST VOLATILE COMPOUNDS - 8260								
Benzene	<0.005	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.005	SOIL
Toluene	<0.005	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.005	SOIL
Ethylbenzene	<0.005	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.005	SOIL
Xylenes, Total	<0.015	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.015	SOIL
MIBB	<0.015	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.015	SOIL
Extraction Prep, soil	COMPLETE			acm	09/13/2004	IOWA-OA2		SOIL
EXTRACTABLE HYDROCARBONS-SOIL								
Total Extractable Hydrocarbons	<10	mg/kg		ljm	09/17/2004	IA-OA2/S-8015	10	SOIL
Diesel	<10	mg/kg		ljm	09/17/2004	IA-OA2/S-8015	10	SOIL
Gasoline	<10	mg/kg		ljm	09/17/2004	IA-OA2/S-8015	10	SOIL
Motor Oil	<10	mg/kg		ljm	09/17/2004	IA-OA2/S-8015	10	SOIL

All results are calculated on a wet weight basis

TestAmerica Job Number: 04.12481

ATTACHMENTS

Following are the sample receipt log and the chain of custody applicable to this analytical report.

Any abnormalities or departures from sample acceptance policy shall be documented on the "Sample Receipt and Temperature Log Form" and Sample Non-Conformance Form" (if applicable) included with this report.

For information concerning certifications of this facility or another TestAmerica facility please visit our website at www.TestAmericaInc.com.

This data has been produced in compliance with 2002 NELAC Standards (July 2004), except where noted.

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) and are sampled in accordance with TA-CF SOP CF09-01.

This report shall not be reproduced, except in full, without written approval of the laboratory.

For questions regarding this report, please contact the individual who signed the analytical report.

ANALYTICAL REPORT

007 1 1 1000

Susan Frett
SENECA ENVIRONMENTAL SERV.
17851 244th Avenue

10/12/2004

TestAmerica Job: 04.13348

Bettendorf, IA 52722

Project Number: 6246500
Project: Hairitage Design

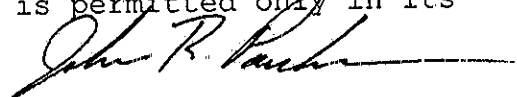
Enclosed is the Analytical and Quality Control reports for the following samples submitted to the Cedar Falls Division of TestAmerica, Inc. for analysis.

<u>Sample Number</u>	<u>Sample Description</u>	<u>Date Taken</u>	<u>Date Received</u>
826431	T1	09/23/2004	09/24/2004

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TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.



John R. Paulson
Project Coordinator

ANALYTICAL REPORT

Susan Frett
 SENECA ENVIRONMENTAL SERV.
 17851 244th Avenue

Bettendorf, IA 52722
 800-728-6900

10/12/2004

Job Number: 04.13348

Sample Number: 826431

Collected by: Kurt Haiar

Collectors Phone No.: 800-369-3500

Job Description: HAIRIAGE DESIGN-CIINION, IA
 6246500

Date Iaken: 09/23/2004

Sample ID: I1

Date Received: 09/24/2004

<u>Analyte</u>	<u>Result</u>	<u>Result</u>		<u>Analyst</u>	<u>Date Analyzed</u>	<u>Method</u>	<u>Quantitation</u>	
		<u>Units</u>	<u>Flag</u>				<u>Limit</u>	<u>Matrix</u>
USI VOLATILE COMPOUNDS - 8260								
Benzene	0.008	mg/kg		mmk	10/07/2004	IA OA-1/8260B	0.005	SOIL
Toluene	<0.005	mg/kg		mmk	10/07/2004	IA OA-1/8260B	0.005	SOIL
Ethylbenzene	0.021	mg/kg		mmk	10/07/2004	IA OA-1/8260B	0.005	SOIL
Xylenes, Total	0.021	mg/kg		mmk	10/07/2004	IA OA-1/8260B	0.015	SOIL
MIBK	<0.015	mg/kg		mmk	10/07/2004	IA OA-1/8260B	0.015	SOIL
Extraction Prep, soil	COMPLETE			acm	09/27/2004	IOWA-OA2		SOIL
EXTRACTABLE HYDROCARBONS-SOIL								
Total Extractable Hydrocarbons	3,370	mg/kg		ljm	10/07/2004	IA-OA2/S-8015	50	SOIL
Diesel	2,440	mg/kg		ljm	10/07/2004	IA-OA2/S-8015	50	SOIL
Gasoline	824	mg/kg		ljm	10/06/2004	IA-OA2/S-8015	10	SOIL
Motor Oil	101	mg/kg		ljm	10/06/2004	IA-OA2/S-8015	10	SOIL

All results are calculated on a wet weight basis.

TestAmerica Job Number: 04.13348

ATTACHMENTS

Following are the sample receipt log and the chain of custody applicable to this analytical report.

Any abnormalities or departures from sample acceptance policy shall be documented on the "Sample Receipt and Temperature Log Form" and Sample Non-Conformance Form" (if applicable) included with this report.

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For questions regarding this report, please contact the individual who signed the analytical report.

ANALYTICAL REPORT

RECEIVED

Susan Frett
SENECA ENVIRONMENTAL SERV.
17851 244th Avenue

11/24/2004

TestAmerica Job: 04.16330

Bettendorf, IA 52722

Project Number: 6246500
Project: Hairitage Design

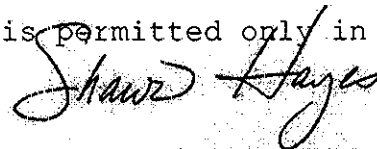
Enclosed is the Analytical and Quality Control reports for the following samples submitted to the Cedar Falls Division of TestAmerica, Inc. for analysis.

<u>Sample Number</u>	<u>Sample Description</u>	<u>Date Taken</u>	<u>Date Received</u>
837781	MW1	11/16/2004	11/18/2004
837782	MW2	11/16/2004	11/18/2004
837783	MW3	11/16/2004	11/18/2004

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TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

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Shawn Hayes
Project Manager

ANALYTICAL REPORT

Susan Frett
 SENECA ENVIRONMENTAL SERV.
 17851 244th Avenue

Bettendorf, IA 52722
 800-728-6900

11/24/2004

Job Number: 04.16330

Sample Number: 837781

Collected by: Jacque Akers

Collectors Phone No : 800-369-3500

Job Description: HAIRIAGE DESIGN
 6246500

Date Iaken: 11/16/2004

Sample ID: MW1

Date Received: 11/18/2004

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Result</u>		<u>Date</u>		<u>Quantitation</u>	
			<u>Flag</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>Method</u>	<u>Limit</u>	<u>Matrix</u>
USI VOLATILE COMPOUNDS - 8260			HI					
Benzene	14.6	ug/l		sjn	11/23/2004	IA OA-1/8260B	5.0	WATER
Toluene	<5.0	ug/l		sjn	11/23/2004	IA OA-1/8260B	5.0	WATER
Ethylbenzene	<5.0	ug/l		sjn	11/23/2004	IA OA-1/8260B	5.0	WATER
Xylenes	<15	ug/l		sjn	11/23/2004	IA OA-1/8260B	15	WATER
MIBK	<5.0	ug/l		sjn	11/23/2004	IA OA-1/8260B	5.0	WATER
Extraction Prep	COMPLETE			acm	11/18/2004	IOWA-0A2		WATER
EXTRACTABLE HYDROCARBONS-WATER								
Total Extractable Hydrocarbons	8,370	ug/l		ljm	11/22/2004	IA-OA2/S-8015	380	WATER
Diesel	6,220	ug/l		ljm	11/22/2004	IA-OA2/S-8015	380	WATER
Gasoline	1,760	ug/l		ljm	11/22/2004	IA-OA2/S-8015	380	WATER
Motor Oil	393	ug/l		ljm	11/22/2004	IA-OA2/S-8015	380	WATER
VOA Preservation pH	>2	units		sjg	11/19/2004	SW 9041A		WATER

All results are calculated on a wet weight basis.
 HI - Reporting limit elevated due to hydrocarbon interference.

ANALYTICAL REPORT

Susan Frett
 SENECA ENVIRONMENTAL SERV.
 17851 244th Avenue

11/24/2004

Job Number: 04.16330

Bettendorf, IA 52722
 800-728-6900

Sample Number: 837782

Collected by: Jacque Akers

Collectors Phone No.: 800-369-3500

Job Description: HAIRIAGE DESIGN
 6246500

Date Taken: 11/16/2004

Sample ID: MW2

Date Received: 11/18/2004

<u>Analyte</u>	<u>Result</u>	<u>Result</u>		<u>Analyst</u>	<u>Date Analyzed</u>	<u>Method</u>	<u>Quantitation</u>	
		<u>Units</u>	<u>Flag</u>				<u>Limit</u>	<u>Matrix</u>
USI VOLATILE COMPOUNDS - 8260								
Benzene	<1.0	ug/l		sjn	11/22/2004	IA OA-1/8260B	1.0	WATER
Toluene	<1.0	ug/l		sjn	11/22/2004	IA OA-1/8260B	1.0	WATER
Ethylbenzene	<1.0	ug/l		sjn	11/22/2004	IA OA-1/8260B	1.0	WATER
Xylenes	<3.0	ug/l		sjn	11/22/2004	IA OA-1/8260B	3.0	WATER
MIBK	<1.0	ug/l		sjn	11/22/2004	IA OA-1/8260B	1.0	WATER
Extraction Prep	COMPLETE			acm	11/18/2004	IOWA-OA2		WATER
EXTRACTABLE HYDROCARBONS-WATER								
Total Extractable Hydrocarbons	397	ug/l		ljm	11/22/2004	IA-OA2/S-8015	380	WATER
Diesel	<380	ug/l		ljm	11/22/2004	IA-OA2/S-8015	380	WATER
Gasoline	<380	ug/l		ljm	11/22/2004	IA-OA2/S-8015	380	WATER
Motor Oil	397	ug/l		ljm	11/22/2004	IA-OA2/S-8015	380	WATER
VOA Preservation pH	>2	units		sjg	11/22/2004	SW 9041A		WATER

All results are calculated on a wet weight basis

ANALYTICAL REPORT

Susan Frett
 SENECA ENVIRONMENTAL SERV.
 17851 244th Avenue

Bettendorf, IA 52722
 800-728-6900

11/24/2004

Job Number: 04.16330

Sample Number: 837783

Collected by: Jacque Akers

Collectors Phone No.: 800-369-3500

Job Description: HAIRIAGE DESIGN
 6246500

Date Taken: 11/16/2004

Sample ID: MW3

Date Received: 11/18/2004

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Result</u>		<u>Date</u>		<u>Quantitation</u>	
			<u>Flag</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>Method</u>	<u>Limit</u>	<u>Matrix</u>
USI VOIATILE COMPOUNDS - 8260								
Benzene	<1.0	ug/l		sjn	11/22/2004	IA OA-1/8260B	1.0	WATER
Toluene	<1.0	ug/l		sjn	11/22/2004	IA OA-1/8260B	1.0	WATER
Ethylbenzene	<1.0	ug/l		sjn	11/22/2004	IA OA-1/8260B	1.0	WATER
Xylenes	<3.0	ug/l		sjn	11/22/2004	IA OA-1/8260B	3.0	WATER
MIBE	<1.0	ug/l		sjn	11/22/2004	IA OA-1/8260B	1.0	WATER
Extraction Prep	COMPLETE			acm	11/18/2004	IOWA-OA2		WATER
EXTRACTABLE HYDROCARBONS-WATER								
Total Extractable Hydrocarbons	1,650	ug/L		ljm	11/22/2004	IA-OA2/S-8015	380	WATER
Diesel	1,200	ug/l		ljm	11/22/2004	IA-OA2/S-8015	380	WATER
Gasoline	<380	ug/l		ljm	11/22/2004	IA-OA2/S-8015	380	WATER
Motor Oil	445	ug/l		ljm	11/22/2004	IA-OA2/S-8015	380	WATER
VOA Preservation pH	>2	units		sjg	11/22/2004	SW 9041A		WATER

All results are calculated on a wet weight basis.

TestAmerica Job Number: 04.16330

ATTACHMENTS

Following are the sample receipt log and the chain of custody applicable to this analytical report.

Any abnormalities or departures from sample acceptance policy shall be documented on the "Sample Receipt and Temperature Log Form" and Sample Non-Conformance Form" (if applicable) included with this report.

For information concerning certifications of this facility or another TestAmerica facility please visit our website at www.TestAmericaInc.com.

This data has been produced in compliance with 2002 NELAC Standards (July 2004), except where noted.

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) and are sampled in accordance with TA-CF SOP CF09-01.

This report shall not be reproduced, except in full, without written approval of the laboratory.

For questions regarding this report, please contact the individual who signed the analytical report.

TestAmerica

704 ENTERPRISE DRIVE • CEDAR FALLS, IA 50613 • 800-750-2401 • 319-277-2425 FAX

ANALYTICAL TESTING CORPORATION

Sample Receipt and Temperature Log Form

Client: Seneca

Project: Heritage Design

City: _____

Date: 11-18-04 Receiver's Initials CA

Time (Delivered): 7:30

Temperature Record

Cooler ID# (If Applicable)
QCCSC
1 °C On Ice

Thermometer:

- IR - 905085 "A"
 IR - 809065 "B"
 CF07-03-T2
 22126775

Courier:

- | | |
|--|---------------------------------------|
| <input type="checkbox"/> Airborne | <input type="checkbox"/> Speedy |
| <input type="checkbox"/> UPS | <input type="checkbox"/> TA Courier |
| <input checked="" type="checkbox"/> Velocity | <input type="checkbox"/> TA Field Svs |
| <input type="checkbox"/> FedEx | <input type="checkbox"/> Client |
| <input type="checkbox"/> DHL | <input type="checkbox"/> Other |
| <input type="checkbox"/> US Postal | |

Temp Blank

Temperature out of compliance

Custody seals present?

Yes

Custody seals intact?

Yes No

Non-Conformance report started

Exceptions Noted

- Sample(s) not received in a cooler.
- Sample(s) received same day of sampling.
- Temperature not taken:

Log-In by:

JP MF EM

OT _____

*Refer to SOP CF01-01 for Temperature Criteria

