APPENDIX 4

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

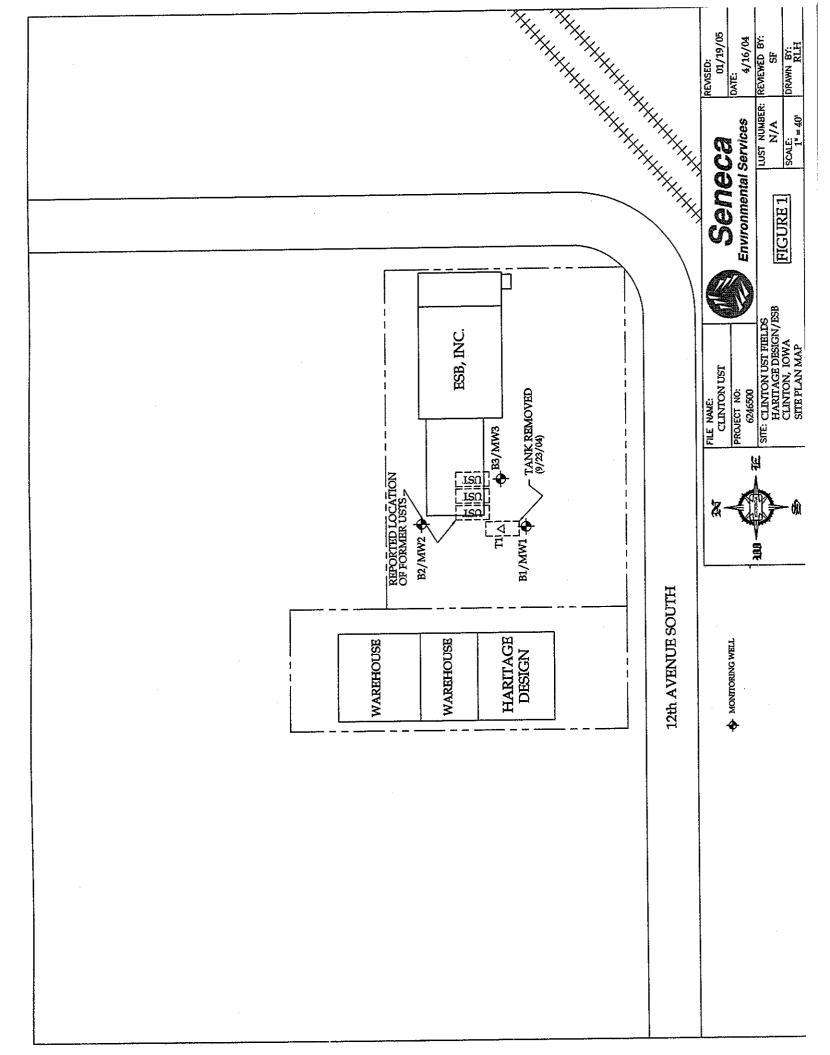
PHOTOS, MAPS, TABLES, WELL LOGS/WELL
CONSTRUCTION DIAGRAMS, & ANALYTCIAL
DATA SHEETS



Hairitage Design, 412 12th Avenue South



ESB, Inc. 400 12th St.



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

WELL/ BH							тен-	TEH- WASTE		GROUND		- 	SOIL SAMPLE	WATER
LABEL	DATE	SOIL/GW	BENZENE	SOIL/GW BENZENE TOLUENE ET	THYLBE	XYLENE	DIESEL	OIL	MTBE	ELEVATION	тос	TOS	DEPTH	LEVEL
B1	9/8/2004	Soil	<0.005	<0.005		<0.015	816	35.9	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	<10 < 0.015	596.34	NA	NA	586.34	NA
							·							
TI	9/23/2004	Soil	0.008	<0.005	0.021	0.021	2440	101	101 <0.015	NA	NA	NA	8.5	NA A
											-			
MWI	MW1 11/16/2004	ΒĐ	14.6	\$	\$	<15	6220	393	\$>	50965	595.73 586.73	586.73	NA	586.78
MW2	MW2 11/16/2004	GW	⊽	7	▽	\$	<380	397	<1	596.63		586.39	NA	587.24
MW3	MW3 11/16/2004	ΜĐ	∇	-	I>	<3	1200	445	<1	596.34	595.75 586.75	586.75	NA	586.35

SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM Facility Street Address: 400/412 12th Boring / Well Number: Facility Address: Clinton UST Fields-Ave South, Clinton, IA Hairitage Design/ESB Inc. **B1/MW1** Drilling Method: Hollow Stem Auger / Boring Depth (ft) X Diameter (in): 19' x 4 1/4" Air Hammer Logged by: Jacque Akers Well Contractor Name: Robinson Contracting, Inc./Geosource SENECA Registration Number: 40617/1413 Top of Casing **Ground Surface** Elevation (ASL): 595.73 Elevation (ASL): 596.05 LUST 11/09/2004 UST Date: 9/08/04 Date: Number: N/A Number: N/A Start Time: 2:30 pm End Time: 1:15 PM Rock Formations, Soil, Color and **Blow Count** Sample PID / FID Well Construction Details Depth Classifications, Observations Reading if applicable No. Type* (moisture, odor, etc.) First (feet) column for USCS Well top Surface - Asphalt -- 0 Bentonite 0 1-3': Black Sand/Gravel .. 1 0 - 2 3-5': Moist Silty Sand, Black, - 3 0 No odor Riser 0 - 4 0 - 5 5-10': Black Sandy Clay, 0 - 6 4 - 7 33 - 8 Sand pack 478 10-12': Gray Sand with - 9 Rocks *520 **HSA** -- 10 370 - 11 12-13': Brown Sandy 240 - 12 Rock @ 13' 0 - 13 EOB = 19' - 14 Soil Sample @ 10' -- 15 Well Set at 19' - 16 9' Riser, 10' Screen - 17 - 18 Soil Drilled to 13' 9/08/04 Well completed with 2" SCH 40 - 19 PVC with 10-slot, 10' screen. -20Bedrock drilled from 13 to 19' 11/09/2004

* 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 Facility Street Address: 400/412 12th Facility Address: Clinton UST Fields-Boring / Well Number: Ave South, Clinton, IA Hairitage Design/ESB Inc. B2/MW2 Drilling Method: Hollow Stem Auger / Boring Depth (ft) X Diameter (in): 25' x 4 1/4" Air Hammer Jacque Akers Logged by: Well Contractor Name: Robinson Contracting, Inc /Geosource SENECA Registration Number: 40617/1413 Top of Casing **Ground Surface** Elevation (ASL): 596.39 Elevation (ASL): 596.63 LUST UST 11/09/2004 Date: 9/8/04 Date: Number: N/A Number: Start Time: 3:15 pm End Time: 12:30 PM Rock Formations, Soil, Color and PID / FID **Blow Count** Sample Well Construction Details Depth Classifications, Observations (moisture, odor, etc.) First if applicable No. Type* Reading (feet) column for USCS Surface - Asphait Well top 0 0-1': Gravel -0 Bentonite 0 1-3': Gravel and Black Sand - 2 3-5': Black Sandy Clay 0 - 4 0 - 6 Riser 5-9': Grayish Black Sandy 0 - 8 Clay, 0* **HSA** - 10 - 12 - 14 9-10': Layered Yellow Rock, - 16 no odor -Sand pack - 18 Rock @ 10' -- 20 ٧ EOB= 10' - 22 - 24 Soil Sample @ 10' - 26 Well Set at 25' - 28 10' Riser, 15' Screen - 30 - 32 Soil Drilled to 10' 09/08/04 - 34 Bedrock drilled from 10 to Well completed with 2" SCH 40 25' 11/09/04 - 36 PVC with 10-slot, 10' screen.

* 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 Facility Street Address: 400/412 12th Facility Address: Clinton UST Fields-Boring / Well Number: Ave South, Clinton, IA Hairitage Design/ESB Inc. **B3/MW3** Drilling Method: Hollow Stem Auger / Boring Depth (ft) X Diameter (in): 19' x 4 1/4" Air Hammer Jacque Akers Logged by: Well Contractor Name: Robinson Contracting, Inc./Geosource **SENECA** Registration Number: 40617/1413 Top of Casing **Ground Surface** Elevation (ASL): 595.75 Elevation (ASL): 596.34 LUST UST 11/09/2004 Date: Date: 9/08/04 Number: N/A Number: N/A End Time: 4:00 PM Start Time: 4:00 pm Rock Formations, Soil, Color and PID / FID **Blow Count** Sample Well Construction Details Depth Classifications, Observations Reading (moisture odor, etc.) First if applicable No. Type* (feet) column for USCS Surface - Asphalt Well top -0 0-1': Gravel Bentonite 0 - 1 1-2': Gravel and Black Sand 0 - 2 2-3': Brown Sand 0 - 3 3-5': Black Sandy Clay Riser 0 - 4 - 5 5-9': Black Sandy Clay, 0 - 6 0 - 7 - 8 -Sand pack 0 9-10': Layered Yellow Rock, - 9 no odor *0 **HSA** -- 10 Rock @ 10' - 11 EOB= 10' - 12 - 13 Soil Sample @ 10' ٧ - 14 Well Set at 19' -- 15 9' Riser, 10' Screen - 16 - 17 Soil Drilled to 10' 9/08/04 - 18 Well completed with 2" SCH 40 Bedrock drilled from 10 to - 19 PVC with 10-slot, 10' screen. 19' 11/09/2004 -- 20

* 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 TESTING CORPORATION 704 ENTERPRISE DRIVE · CEDAR FALLS, IA 50613 · 319-277-2401 · 800-750-2401 · FAX 319-277-2425

ANALYTICAL REPORT

SEP 23 PETT

Mark Diehl SENECA ENVIRONMENTAL SERV 17851 244th Avenue

09/21/2004

TestAmerica Job: 04 12481

Bettendorf, IA 52722

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.

Sample	Sample Description	Date	Date
<u>Number</u>		<u>Taken</u>	<u>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 704 Enterprise Drive · Cedar Falls, IA 50613 · 319-277-2401 · 800-750-2401 · Fax 319-277-2425

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: 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	
			Result		Date		Quantitation	
<u>Analyte</u>	Result	Units	Flaq	<u>Analyst</u>	<u>Analyzed</u>	Method	Limit	<u>Matrix</u>
UST VOLAIILE COMPOUNDS - 8260								-
Benzene	<0.005	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.005	SOIL
Toluene	<0005	mg/kg		mmls	09/14/2004	IA OA-1/8260B	0005	SOII
Ethylbenzene	<0005	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.005	SOII
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
BXIRACTABLE 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-0A2/S-8015	10	SOIL
Gasoline	242	mg/kg		1jm	09/17/2004	IA-0A2/S-8015	10	SOIL
Motor Oil	35.9	mg/kg		ljm	09/17/2004	IA-0A2/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

6246500								
Sample ID: B2 10'			Result		Date	Date Received:	09/10/2004 Quantitation	
Analyte USI VOLATILE COMPOUNDS - 8260	<u>Result</u>	<u>Units</u>	<u>Plaq</u>	Analyst	Analyzed	Method	Limit	<u>Matrix</u>
Benzene	<0.005	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.005	SOIL
Toluene	<0005	mg/kg		mmk.	09/14/2004	IA OA-1/8260B	0.,005	SOIL
Ethylbenzene	<0005	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
МТВЕ	<0015	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0015	SOIL
Extraction Prep. soil	COMPLETE			acm	09/13/2004	IOWA-0A2		SOIL
EXIRACTABLE HYDROCARBONS-SOIL								
Total Extractable Hydrocarbons	18.3	mg/kg		ljm	09/17/2004	IA-0A2/S-8015	10	SOIL
Diesel	<10	mg/kg		ljm	09/17/2004	IA-0A2/S-8015	10	SOIL
Gasoline	<10	mg/kg		1jm	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

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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: Fodd Felderman

Collectors Phone No.: 800-369-3500

Job Description: CLINTON USI FIELDS-ESB

6246500

Date Taken: 09/08/2004

6246500								
Sample ID: B3 10'					2-4-1	Date Received:	09/10/2004 Quantitation	
Analyte UST VOLATILE COMPOUNDS - 8260	<u>Result</u>	Units	Result Flaq	Analyst	Date Analyzed	<u>Method</u>	Limit	<u>Matrix</u>
Benzene	<0.005	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0005	SOIL
Toluene	<0005	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	0015	SOIL
MIBE	<0.015	mg/kg		mmk	09/14/2004	IA OA-1/8260B	0.015	som
Extraction Prep, soil	COMPLETE			acm	09/13/2004	IOWA-0A2		SOIL
EXTRACTABLE HYDROCARBONS - SOIL								
Total Extractable Hydrocarbons	<10	mg/kg		1jm	09/17/2004	IA-OA2/S-8015	10	SOIL
Diesel	<10	mg/kg		1jm	09/17/2004	IA-0A2/S-8015	10	SOIL
Gasoline	<10	mg/kg		ljm	09/17/2004	IA-OA2/S-8015	10	SOIL
Motor Oil	<10	mg/kg		1jm	09/17/2004	IA-0A2/S-8015	10	SOIL

All results are calculated on a wet weight basis

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

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

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

7

State: TA is this work being conducted for regulatory purposes? To assist us in using the proper analytical methods, Project Name: Gister 1857 fields -₹ 8 Compliance Monitoring 6246500 Q Abr Mask Site/Location ID: Project #: Report To: Invoice To: Quote #: Phone 319-277-2401 or 800-750-2401 Fax 319-277-2425 Matrix Preservation & # of Containers Client #: " Fax Environmental Seculees Cedar Falls Division 704 Enterprise Drive Cedar Falls, IA 50613 Felderman A44th Test/merical Testing Corporation Bettenda Sampler Signature: Ted 15.8 Client Name Seneca (284/ Sampler Name: (Print Name) City/State/Zip Code: Project Manager: Telephone Number: Email Address: Address:__

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ANALYTICAL REPORT

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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.

Sample Date Date Number Sample Description Taken Received 09/23/2004 09/24/2004

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.

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

Page 2 of 3

Sample Number: 826431

Collected by: Kurt Haiar

Collectors Phone No.: 800-369-3500

Job Description: HAIRIIAGE DESIGN-CLINION, IA

Date Iaken: 09/23/2004

6246500

Date Received: 09/24/2004 Sample ID: I1 Quantitation Result Limit Matrix Units Flag Analyst Analyzed Result <u>Analyte</u> USI VOIATILE COMPOUNDS - 8260 10/07/2004 TA OA-1/8260B 0.005 SOII mg/kg mmk 0.008 Benzene SOIL TA OA-1/8260B 0..005 10/07/2004 mmk <0 005 mg/kg Ioluene SOIL 0 005 10/07/2004 IA OA-1/8260B mg/kg mmk 0 021 Ethylbenzene SOII 10/07/2004 IA OA-1/8260B 0.015 0.021 mg/kg mmk Xylenes, Iotal 0.015 SOIL IA QA-1/8260B 10/07/2004 <0..015 mg/kg mmk MIBE SOIL 09/27/2004 IOWA-0A2 acm COMPLEIE Extraction Prep, soil EXIRACIABLE HYDROCARBONS-SOIL 10/07/2004 IA-0A2/S-8015 SOIL ljm mg/kg Iotal Extractable Hydrocarbons 3,370 SOIL IA-OA2/S-8015 50 10/07/2004 1jm 2,440 mq/kg Diesel SOIL 10/06/2004 IA-0A2/S-8015 10 1im 824 mg/kg Gasoline SOIL IA-OA2/S-8015 10 10/06/2004 mg/kg 1im 101 Motor Oil

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.

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.

Test/merical Testing Corporation Client Name Sence

Cedar Falls Division 704 Enterprise Drive Cedar Falls, IA 50613

Phone 319-277-2401 or 800-750-2401 Fax 319-277-2425

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes? Compliance Monitoring

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ANALYTICAL REPORT

ELLE MIT

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.

Sample	Sample Description	Date	Date
<u>Number</u>		<u>Taken</u>	<u>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 11/24/2004

44th Avenue

Job Number: 04.16330

Bettendorf, IA 52722 800-728-6900 Sample Number: 837781

Page 2 of 5

Collected by: Jacque Akers

Collectors Phone No : 800-369-3500

Job Description: HAIRITAGE DESIGN

6246500

Date Taken: 11/16/2004

Sample ID: MW1

Date Received: 11/18/2004

Sample 15. Int						pare vecerved	. 11/10/2004		
•			Result		Date		Quantitation		
Analyte USI VOLATILE COMPOUNDS - 8260	Result	<u>Units</u>	<u>Flaq</u> HI	Analyst	<u>Analyzed</u>	Method	Limit	Matrix	
Benzene	146	ug/I		sjn	11/23/2004	IA OA-1/8260B	50	WAIER	
Toluene	<50	ug/I		sjn	11/23/2004	IA OA-1/8260B	50	WAIER	
Ethylbenzene	<50	ug/I		sjn	11/23/2004	IA OA-1/8260B	50	WAIER	
Xylenes	<15	ug/I		sjn	11/23/2004	IA OA-1/8260B	15	WAIER	
MIBE	<50	ug/I		sjn	11/23/2004	IA OA-1/8260B	5.0	WAIER	
Extraction Prep	COMPLETE			acm	11/18/2004	IOWA-0A2		WAIER	
EXIRACIABLE HYDROCARBONS-WAIER									
Iotal Extractable Hydrocarbons	8,370	ug/I		ljm	11/22/2004	IA-0A2/\$-8015	380	WAIER	
Diesel	6,220	ug/I		ljm	11/22/2004	IA-0A2/S-8015	380	WAIER	
Gasoline	1,760	ug/I		ljm	11/22/2004	IA-OA2/S-8015	380	WAIER	
Motor Oil	393	ug/I		ljm	11/22/2004	IA-0A2/S-8015	380	WAIER	
VOA Preservation pH	>2	units		sjg	11/19/2004	SW 9041A		WAIER	

All results are calculated on a wet weight basis

HI - Reporting limit elevated due to hydrocarbon interference.

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

ANALYTICAL REPORT

Susan Frett SENECA ENVIRONMENTAL SERV. 17851 244th Avenue

Job Number: 04.16330

Bettendorf, IA 52722

Sample Number: 837782

11/24/2004

800-728-6900

Collected by: Jacque Akers

Collectors Phone No.: 800-369-3500

Job Description: HAIRIIAGE DESIGN

Date Taken: 11/16/2004

6246500 Sample ID: MW2

Date Received: 11/18/2004

Sumpre ID. PMZ						Date Received	: 11/18/2004	
			Result		Date		Quantitation	
Analyte USI VOIAIIIE COMPOUNDS - 8260	Result	<u>Units</u>	<u>Flaq</u>	Analyst	Analyzed	Method	Limit	Matrix
Benzene	<10	ug/I		sjn	11/22/2004	IA OA-1/8260B	1 0	WATER
Ioluene	<10	ug/L		sjn	11/22/2004	IA OA-1/8260B	10	WATER
Ethylbenzene	<1.0	ug/I		sjn	11/22/2004	IA OA-1/8260B	10	WAIER
Xylenes	<3 0	ug/I		sjn	11/22/2004	IA OA-1/8260B	3 . 0	WAIER
MIBE	<1 0	ug/I		sjn	11/22/2004	IA OA-1/8260B	1 0	WAIER
Extraction Prep	COMPLEIE			acm	11/18/2004	IOWA-0A2		WAIER
EXIRACIABLE HYDROCARBONS-WAIER								
Notal Extractable Hydrocarbons	397	ug/L		1jm	11/22/2004	IA-0A2/S-8015	380	WAIER
Diesel	<380	ug/I		ljm	11/22/2004	IA-0A2/S-8015	380	WAIER
Gasoline	<380	ug/I		ljm	11/22/2004	IA-0A2/S-8015	380	WAIER
Motor Oil	397	ug/I		ljm	11/22/2004	IA-0A2/S-8015	380	WAIER
VOA Preservation pH	>2	units		sjg	11/22/2004	SW 9041A		WAIER

All results are calculated on a wet weight basis

ANALYTICAL TESTING CORPORATION 704 ENTERPRISE DRIVE · CEDAR FALLS, IA 50613 · 319-277-2401 · 800-750-2401 · Fax 319-277-2425

ANALYTICAL REPORT

Susan Frett SENECA ENVIRONMENTAL SERV. 11/24/2004

17851 244th Avenue

Job Number: 04.16330

Bettendorf, IA 52722 800-728-6900

Sample Number: 837783

Collected by: Jacque Akers Collectors Phone No.: 800-369-3500

Job Description: HAIRIIAGE DESIGN

Date Iaken: 11/16/2004

6246500

Date Received: 11/18/2004

Sample ID: MW3						Date Received:	11/18/2004			
			Result		Date		Quantitation			
Analyte USI VOIAIIIE COMPOUNDS - 8260	Result	<u>Units</u>	Flag	Analyst	Analyzed	<u>Method</u>	<u>Limit</u>	<u>Matrix</u>		
Benzene	<1.0	ug/I		sjn	11/22/2004	IA OA-1/8260B	1 0	WAIER		
Ioluene	<1.0	ug/I		sjn	11/22/2004	IA OA-1/8260B	10	WAIER		
Ethylbenzene	<1 0	ug/I		sjn	11/22/2004	IA OA-1/8260B	10	WAIER		
Xylenes	<30	ug/L		sjn	11/22/2004	IA OA-1/8260B	30	WAIER		
MIBE	<10	ug/I		sjn	11/22/2004	IA OA-1/8260B	1 0	WAIER		
Extraction Prep	COMPLEIE			acm	11/18/2004	IOWA-0A2		WAIER		
EXIRACIABLE HYDROCARBONS-WATER										
Iotal Extractable Hydrocarbons	1,650	ug/L		ljm	11/22/2004	IA-OA2/S-8015	380	WAIER		
Diesel	1,200	ug/I		1jm	11/22/2004	IA-OA2/S-8015	380	WAIER		
Gasoline	<380	ug/I		1jm	11/22/2004	IA-OA2/S-8015	380	WAIER		
Motor Oil	445	ug/I		ljm	11/22/2004	IA-OA2/S-8015	380	WATER		
VOA Preservation pH	>2	units		sjg	11/22/2004	SW 9041A		WAIER		

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: <u>Seneca</u>		Project:	Hairitage	Design
City: Receive	ver's Initials		Time (Delivered):	7:30
Temperature Record	Thermometer:		Courier:	
Cooler ID# (If Applicable) COOLER TO COOLER Temp Blank Temperature out of comp	IR - 905085 "A IR - 809065 "B CF07-03-T2 22126775		Airborne UPS V elocity FedEx DHL US Postel	Speedy TA Courier TA Field Svs Client Other
remperature out or comp	nance	Excep	tions Noted	
Custody seals present?			Sample(s) not receiv	ed in a cooler.
Custody seals intact? Yes No			Samples(s) received sampling	same day of
			Temperature not take	en:
Non-Conformance rep	ort started			

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TestAmerica

Cedar Falls Division 704 Enterprise Drive Cedar Falls, IA 50613

@senecaco.com Phone: 319 - 277 - 2401 or 1 - 800 - 750 - 2401 Fax: 319 - 277 - 2425 Project Manager: Susan Frett 82508 Invoice To: Susain Freth Project Name: Halk Hage Project Number: CANUSOC Proi. Man. E-mail Address: Proj. Man. Telephone: TA Quote #: Your PO #: 563-332-9465 17851 - 244th Avenue, P.O. Box 1208 Fax: Seneca Environmental Bettendorf, IA 52722 Jacops AKKS 563-332-2272 Company: Telephone Number: Send Report To:__ City/State/Zip Code:__ Address: Sampled by: (Print Name)_ (Signature)

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Laboratory Comments

enments: Temperature Upon Receipt