

February 22, 2011

John King  
Golder and Associates, Inc.  
9428 Baymeadows Rd.  
Suite 400  
Jacksonville, FL 32256

RE: Workorder: J1101397 Liberty Tire

Dear John King:

Enclosed are the analytical results for sample(s) received by the laboratory on Friday, February 04, 2011. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Josh Apple  
japple@aellab.com

Enclosures

Report ID: 156881 - 3363922

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### CERTIFICATE OF ANALYSIS

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## SAMPLE SUMMARY

Workorder: J1101397 Liberty Tire

Lab ID	Sample ID	Matrix	Date Collected	Date Received
J1101397001	GSB-1 2-4'	Soil	2/3/2011 15:30	2/4/2011 17:00
J1101397002	GSB-2 2-4'	Soil	2/3/2011 16:30	2/4/2011 17:00
J1101397003	GSB-3 2-4'	Soil	2/4/2011 09:25	2/4/2011 17:00
J1101397004	GSB-4 0.5-2'	Soil	2/4/2011 09:40	2/4/2011 17:00

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## ANALYTICAL RESULTS

Workorder: J1101397 Liberty Tire

Lab ID: **J1101397001**

Date Received: 02/04/11 17:00 Matrix: Soil

Sample ID: **GSB-1 2-4'**

Date Collected: 02/03/11 15:30

Results for sample J1101397001 are reported on a dry weight basis.

Sample Description:

Location:

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>SEMIVOLATILES</b>								
Analysis Desc: Flo-Pro Analysis, Soil			Preparation Method: FL-PRO					
			Analytical Method: FL-PRO					
TPH	11	mg/Kg	I,Q	1	39	2.7	2/18/2011 20:16	J
o-Terphenyl (S)	93	%		1	62-109		2/18/2011 20:16	
Nonatricontane-C39 (S)	88	%		1	60-118		2/18/2011 20:16	

Lab ID: **J1101397002**

Date Received: 02/04/11 17:00 Matrix: Soil

Sample ID: **GSB-2 2-4'**

Date Collected: 02/03/11 16:30

Results for sample J1101397002 are reported on a dry weight basis.

Sample Description:

Location:

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>SEMIVOLATILES</b>								
Analysis Desc: Flo-Pro Analysis, Soil			Preparation Method: FL-PRO					
			Analytical Method: FL-PRO					
TPH	61	mg/Kg	Q	1	43	3.0	2/18/2011 20:49	J
o-Terphenyl (S)	92	%		1	62-109		2/18/2011 20:49	
Nonatricontane-C39 (S)	81	%		1	60-118		2/18/2011 20:49	

Lab ID: **J1101397003**

Date Received: 02/04/11 17:00 Matrix: Soil

Sample ID: **GSB-3 2-4'**

Date Collected: 02/04/11 09:25

Results for sample J1101397003 are reported on a dry weight basis.

Sample Description:

Location:

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>SEMIVOLATILES</b>								
Analysis Desc: Flo-Pro Analysis, Soil			Preparation Method: FL-PRO					
			Analytical Method: FL-PRO					
TPH	4.8	mg/Kg	I	1	38	2.7	2/18/2011 21:22	J
o-Terphenyl (S)	90	%		1	62-109		2/18/2011 21:22	
Nonatricontane-C39 (S)	77	%		1	60-118		2/18/2011 21:22	

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## ANALYTICAL RESULTS

Workorder: J1101397 Liberty Tire

Lab ID: **J1101397004**

Date Received: 02/04/11 17:00 Matrix: Soil

Sample ID: **GSB-4 0.5-2'**

Date Collected: 02/04/11 09:40

Results for sample J1101397004 are reported on a dry weight basis.

Sample Description:

Location:

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
<b>SEMIVOLATILES</b>								
Analysis Desc: Flo-Pro Analysis, Soil			Preparation Method: FL-PRO					
			Analytical Method: FL-PRO					
TPH	11	mg/Kg	I	1	46	3.3	2/18/2011 21:55	J
o-Terphenyl (S)	89	%		1	62-109		2/18/2011 21:55	
Nonatricontane-C39 (S)	84	%		1	60-118		2/18/2011 21:55	

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## ANALYTICAL RESULTS QUALIFIERS

Workorder: J1101397 Liberty Tire

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### PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- Q Missed Hold Time

### LAB QUALIFIERS

- J DOH Certification #E82574(AEL-JAX)(FL NELAC Certification)

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## QUALITY CONTROL DATA

Workorder: J1101397 Liberty Tire

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QC Batch:	EXTj/20849	Analysis Method:	FL-PRO
QC Batch Method:	FL-PRO	Prepared:	02/18/2011 08:30
Associated Lab Samples:	J1101397001, J1101397002, J1101397003, J1101397004		

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METHOD BLANK: 687106

Parameter	Units	Blank Result	Reporting Limit Qualifiers
SEMIVOLATILES			
TPH	mg/Kg	2.4	2.4 U
o-Terphenyl (S)	%	105	62-109
Nonatricontane-C39 (S)	%	71	60-118

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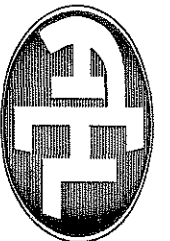
## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: J1101397 Liberty Tire

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
J1101397001	GSB-1 2-4'	FL-PRO	EXTj/20849	FL-PRO	GCSj/19750
J1101397002	GSB-2 2-4'	FL-PRO	EXTj/20849	FL-PRO	GCSj/19750
J1101397003	GSB-3 2-4'	FL-PRO	EXTj/20849	FL-PRO	GCSj/19750
J1101397004	GSB-4 0.5-2'	FL-PRO	EXTj/20849	FL-PRO	GCSj/19750

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☐ Miramar: 10200 USA Today Way, Miramar, FL 33025 • 954.889.2288  
☐ Tallahassee: 1288 Cedar Center Drive, Tallahassee, FL 32301 • 850.  
☐ Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4321

J1101397

Client Name: <u>Golden Associates</u>		Project Name: <u>Library Trail</u>	
Address: <u>9428 Baymeadows Rd Suite 400</u>		P.O. Number/Project Number: <u>103-827960, 0100</u>	
Phone: <u>904-363-3430</u>		Project Location: <u>Forest St Lucie FL</u>	
FAX: <u>904-363-3445</u>		REMARKS/SPECIAL INSTRUCTIONS: <u>Hand Trench Specimen for all samples</u> <u>Hand All 2-4' samples</u>	
Contact: <u>John K. Mc</u>			
Sampled By: <u>John K. Mc, Brian Dean</u>			
Turn Around Time: <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RUSH			
Page <u>1</u> of <u>2</u>			

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	PRESERVATION	ANALYSIS REQUIRED		BOTTLE SIZE & TYPE
			DATE	TIME				I	I	
GSB-1 0-0.5'	GSB-1 0.0-0.5'	G	2/4/11	1520	SP	5	4	1	Hand Trench Specimen	40ml CG
GSB-1 0.5-2'	GSB-1 0.5-2'	G	2/4/11	1525	1	5	4	1	Hand Trench Specimen	40ml CG
GSB-1 2-4'	GSB-1 2-4' (Hold)	G	2/4/11	1530	1	5	4	1	Hand Trench Specimen	40ml CG
GSB-2 0-0.5'	GSB-2 0-0.5'	G	2/4/11	1620	1	5	4	1	Hand Trench Specimen	40ml CG
GSB-2 0.5-2'	GSB-2 0.5-2'	G	2/4/11	1625	1	5	4	1	Hand Trench Specimen	40ml CG
GSB-2 2-4'	GSB-2 2-4' (Hold)	G	2/4/11	1630	1	5	4	1	Hand Trench Specimen	40ml CG
GSB-3 0-0.5'	GSB-3 0-0.5'	G	2/4/11	0815	1	5	4	1	Hand Trench Specimen	40ml CG
GSB-3 0.5-2'	GSB-3 0.5-2'	G	2/4/11	0820	1	5	4	1	Hand Trench Specimen	40ml CG
GSB-3 2-4'	GSB-3 2-4' (Hold)	G	2/4/11	0925	1	5	4	1	Hand Trench Specimen	40ml CG
GSB-4 0-0.5'	GSB-4 0-0.5'	G	2/4/11	0935	1	5	4	1	Hand Trench Specimen	40ml CG

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Received on Ice ☒ Yes ☐ No Temp taken from sample ☐ Temp from blank

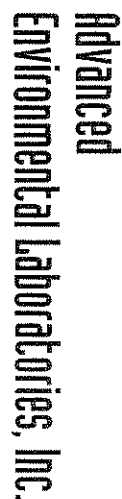
Form revised 06/15/2010

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A B: LT-1 LT-2 T: 10A A: 3A M: 1A

Where required, pH checked ☐

FOR DRINKING WATER USE:  
(When PWS information not otherwise supplied) PWS ID: \_\_\_\_\_  
Contact Person: \_\_\_\_\_ Phone: \_\_\_\_\_  
Supplier of Water: \_\_\_\_\_  
Site Address: \_\_\_\_\_





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- ☐ **Tallahassee.** 1289 Cedar Center Drive, Tallahassee, FL 32301 • 850.219.6274 • Fax 850.219.6275
- ☐ **Tampa.** 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: <b>Golden Associates</b>		Project Name: <b>Leachery Mine</b>	
Address: <b>9428 Boyardown Rd, Suite 408</b>		P.O. Number/Project Number: <b>103-82740.0100</b>	
Phone: <b>904-363-3430</b>		Project Location: <b>Trout Sr. Lake</b>	
FAX: <b>904-363-3445</b>		REMARKS/SPECIAL INSTRUCTIONS: <b>Hold TSPH Specimen for all samples</b>	
Contact: <b>Jason Kane</b>		<b>Hold all 2-4' samples</b>	
Sampled By: <b>Jason Kane, Brian Dugan</b>		<b>Hold GSB-4 0.5-2' (all analyses)</b>	
Turn Around Time: <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RUSH		<b>Hold GSB-5 0.5-2' (all analyses)</b>	
Page <b>2</b> of <b>2</b>			

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	PRESERVATION	ANALYSIS REQUIRED	BOTTLE SIZE & TYPE
			DATE	TIME					
GSB-4 0.5-2'		G	2/4/11	0940	SO	5	I	I	40 ml CG
GSB-4 2-4'		G		0945		5	I	I	802 CG
GSB-5 0-0.5'		G		1050		5			
GSB-5 0.5-2'		G		1055		5			
GSB-5 2-4'		G		1100		5			

Matrix Code: <b>WW</b> = wastewater <b>SW</b> = surface water <b>GW</b> = ground water <b>DW</b> = drinking water <b>O</b> = oil <b>A</b> = air <b>SO</b> = soil <b>SL</b> = sludge Received on Ice <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Temp taken from sample <input type="checkbox"/> Temp from blank Form revised 06/15/2010		Device used for measuring Temp by unique identifier (circle IR temp gun used) <b>J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 1A</b> <input type="checkbox"/> Where required, pH checked <input type="checkbox"/> Temperature when received <b>5</b> (in degrees Celsius)	
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**FOR DRINKING WATER USE:**  
 (When PWS information not otherwise supplied) PWS ID: \_\_\_\_\_  
 Contact Person: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Supplier of Water: \_\_\_\_\_  
 Site Address: \_\_\_\_\_



**Advanced  
Environmental Laboratories, Inc.**

6601 Southpoint Parkway  
Jacksonville, Florida 32216  
(904) 363-9350  
FAX (904) 363-9354

QCBatch: GCSj/19750

Method:

PrepMethod:

**I. RECEIPT**

No Exceptions were encountered.

**II. HOLDING TIMES**

Preparation: The following samples were extracted and analyzed after the hold time expired per client request: J1101397001 and J1101397002. The samples are flagged for the nonconformity. No further corrective action is needed.

Analysis: All holding times were met.

**III. PREPARATION**

Sample preparation proceeded normally.

**VI. ANALYSIS**

A. Calibration: All acceptance criteria were met.

B. Blanks: All acceptance criteria were met.

C. Surrogates: All acceptance criteria were met.

D. Spikes: All acceptance criteria were met.

E. Internal Standard: All acceptance criteria were met.

F. Samples: Sample analyses proceeded normally.

G. Other:

I certify that this data package is in compliance with the terms and conditions agreed to by Advanced Environmental Laboratories, Inc. and by the client, both technically and for completeness, except for the conditions detailed above. The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hard copy data package and in the computer-readable data submitted on diskette: