

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-47520-1

Client Project/Site: NYSDEC - Dunlop Tire :site #915018

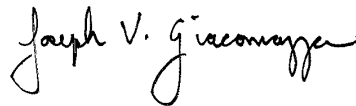
For:

New York State D.E.C.

270 Michigan Avenue

Buffalo, New York 14203

Attn: Mr. Brian Sadowski



Authorized for release by:

10/16/2013 3:07:38 PM

Joe Giacomazza, Project Administrator

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Designee for

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brian.fischer@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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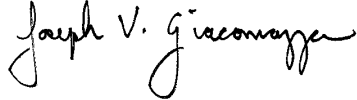
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I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Administrator
10/16/2013 3:07:38 PM



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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: NYSDEC - Dunlop Tire :site #915018

TestAmerica Job ID: 480-47520-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: New York State D.E.C.
Project/Site: NYSDEC - Dunlop Tire :site #915018

TestAmerica Job ID: 480-47520-1

Job ID: 480-47520-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-47520-1

Receipt

The samples were received on 10/9/2013 11:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.6° C.

Metals

No analytical or quality issues were noted.

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Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Dunlop Tire :site #915018

TestAmerica Job ID: 480-47520-1

Client Sample ID: OMW-B3

Lab Sample ID: 480-47520-1

Date Collected: 10/09/13 11:00

Matrix: Water

Date Received: 10/09/13 11:30

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.014		0.010	0.0056	mg/L		10/09/13 16:30	10/12/13 02:03	1

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Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Dunlop Tire :site #915018

TestAmerica Job ID: 480-47520-1

Client Sample ID: OMW-A6

Lab Sample ID: 480-47520-2

Date Collected: 10/09/13 10:45

Matrix: Water

Date Received: 10/09/13 11:30

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		10/09/13 16:30	10/12/13 02:05	1

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Lab Chronicle

Client: New York State D.E.C.
Project/Site: NYSDEC - Dunlop Tire :site #915018

TestAmerica Job ID: 480-47520-1

Client Sample ID: OMW-B3

Date Collected: 10/09/13 11:00

Date Received: 10/09/13 11:30

Lab Sample ID: 480-47520-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.7			143793	10/09/13 16:30	SS1	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	144532	10/12/13 02:03	JRK	TAL BUF

Client Sample ID: OMW-A6

Date Collected: 10/09/13 10:45

Date Received: 10/09/13 11:30

Lab Sample ID: 480-47520-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.7			143793	10/09/13 16:30	SS1	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	144532	10/12/13 02:05	JRK	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: New York State D.E.C.
 Project/Site: NYSDEC - Dunlop Tire :site #915018

TestAmerica Job ID: 480-47520-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13 *
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	12-31-13
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: New York State D.E.C.
Project/Site: NYSDEC - Dunlop Tire :site #915018

TestAmerica Job ID: 480-47520-1

Method	Method Description	Protocol	Laboratory
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600



Sample Summary

Client: New York State D.E.C.
Project/Site: NYSDEC - Dunlop Tire :site #915018

TestAmerica Job ID: 480-47520-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-47520-1	OMW-B3	Water	10/09/13 11:00	10/09/13 11:30
480-47520-2	OMW-A6	Water	10/09/13 10:45	10/09/13 11:30

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Chain of Custody Record

Temperature on Receipt _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: **HYSDEC** Project Manager: **BRIAN JADOWSKI** Date: **10/9/13** Chain of Custody Number: **250523**
 Address: **270 MICHIGAN AVE.** Telephone Number (Area Code)/Fax Number: **716-851-7220** Lab Number: _____ Page **1** of **1**

City: **BUFFALO** State: **NY** Zip Code: **14205** Site Contact: _____ Lab Contact: **B. FISCHER** Analysis (Attach list if more space is needed)
 Project Name and Location (State): **DUNLOP SITE # 915018** Carrier/Waybill Number: _____

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives						Special Instructions/ Conditions of Receipt		
			Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc2/NaOH			
CMW - B3	10/9/13	1100		✓											200.7 ARSENIC
OMW - A.6	"	1045		✓											

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown Return To Client Disposal By Lab Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: 24 Hours 48 Hours 7 Days 14 Days 21 Days Other **SM.** QC Requirements (Specify)

1. Relinquished By: Brian Jadowski	Date: 10/9/13	Time: 1130	1. Received By: [Signature]	Date: 10/9/13	Time: 1130
2. Relinquished By: _____	Date: _____	Time: _____	2. Received By: _____	Date: _____	Time: _____
3. Relinquished By: _____	Date: _____	Time: _____	3. Received By: _____	Date: _____	Time: _____

Comments: _____

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10/16/2013



Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-47520-1

Login Number: 47520

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	nysdec
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

