

# Goodyear Dunlop Tires North America, Ltd.

---



Mr. Brian Sadowski  
New York State Dept. of Environmental Conservation  
270 Michigan Avenue  
Buffalo, NY 14203-2915

November 5, 2013

Inactive Waste Site No. 915018 – Results for Wells OMW-A6 and OMW-B3

Dear Mr. Sadowski,

Please find the attached Arsenic analytical results from sampling of up gradient well OMW-A6 and sampling of well OMW-B3 as collected on October 8, 2013. The sampling was requested by NYSDEC because the previous results of well OMW-B3 from June 6, 2013 and July 23, 2013 were reported above the Arsenic action level. Subsequent sampling of down gradient well OMW-A4 collected on August 13, 2013 was reported below the Arsenic action level. The Arsenic action level is 25 ppb as listed in the Long Term Monitoring Plan for Inactive Waste Sites 915018 A, B and C.

Results of up gradient well OMW-A6 and well OMW-B3 sampling completed on October 8, 2013 are as follows:

<b>Well Identification</b>	<b>Arsenic Result (ppb)</b>	<b>Action Level (ppb)</b>
OMW-A6	< 10	25
OMW-B3	12	25

Please contact me if you have any questions or if you need any additional information.

Thank you,

Mark R. Craft  
Environmental Coordinator  
(716) 879-8497

Cc: Mr. Glenn May (NYSDEC)  
Mr. John Romero (Dunlop)  
Mr. Mike Kaczynski (Dunlop)



2801 Long Road  
Grand Island, NY 14072  
(716) 773-8407  
(800) 699-8606  
(716) 773-8517 (fax)  
[www.islechem.com](http://www.islechem.com)

## Analysis Report

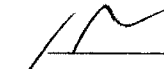
Client Goodyear Dunlop Tires NA, Ltd. Project Water Samples For Analysis  
PO Box 1109 B3 - A6 Arsenic Resample  
Buffalo, NY 14240

Report Date 10/21/2013 Contact Mark Craft  
Status Final  
ID NY310083.0.36729

Batch Date 10/8/2013  
Time 11:00  
Description --  
Received 10/8/2013  
14:00

Batch Contact Mark Craft

Authorized Signature

  
\_\_\_\_\_  
 Richard V. Finn, Manager of Chemical Testing  
 Martin Ruszaj, Director of Chemical Testing

*The following result table is for 2 samples received by IsleChem LLC on 10/8/2013 sampled by Patrick Hagerty on 10/8/2013 and submitted by Patrick Hagerty*

*Also enclosed are the Chain of Custody and Sample Receipt check list for this project.*

### Narrative:

*Analyses were performed within the required holding times unless otherwise noted below. All quality control results were within acceptable limits unless specifically noted in the report. Quality control analyses were performed on the samples in this report or samples of similar matrix that were analyzed in the analytical batch on the dates indicated in the report.*

### Notes:

**Sample Results**

Report ID NY310083.0.36729

Client Goodyear Dunlop Tires NA, Ltd.

Sample ID	Location	Sample Results	Units	Data Qualifiers	Analyst	Vessel ID	Date
<b>083-1008-1</b>	Well B3 - Ground Water	Sampled 10/8/2013					
<b>Metals</b>							
EPA 200.7 Rev 4.4							
Field Grab							
Arsenic, Total		0.012	mg/L		RVF	262036-262037	2013-10-21
<b>083-1008-2</b>	Well A6 - Ground Water	Sampled 10/8/2013					
<b>Metals</b>							
EPA 200.7 Rev 4.4							
Field Grab							
Arsenic, Total		< 0.01	mg/L		RVF	262038-262039	2013-10-21

**Data Qualifiers and Definitions:****General Disclaimer**

- The test results are submitted pursuant to IsleChem LLC's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.
- This report is issued for the benefit of and may be relied upon by the client named above. The client bears full responsibility for deciding the level of testing for sample submitted to IsleChem LLC.
- These results pertain only to the items tested.
- This report shall not be reproduced except in full.
- If the sample(s) represented by these test results were not collected by IsleChem LLC then the test results are limited to the reported values determine by the analytical testing process. IsleChem LLC makes no representation regarding the sample's collection technique, condition, volume, homogeneity or any other aspect of the sample(s) prior to IsleChem LLC taking possession of the sample(s) and the influence it may have on the results.
- Unless notified in writing to return the samples covered by this report IsleChem LLC will store what remains of the sample(s), if anything, for a period of thirty (30) days, sixty (60) days for asbestos samples, before discarding, unless otherwise required by law. A shipping and handling fee will be charged for the return of a sample(s).
- Certain analytes may not be covered by the NYS DOH or NELAP fields of accreditation. Results for those analytes are generated by the cited method using QA/QC guidelines from IsleChem's Quality Control Manual, where applicable.

The test results in this report meet all NELAP requirements for parameters that are within IsleChem's field of accreditation. Any exceptions to NELAP requirements are noted in the comments field.

All results for solid samples are reported on a dry weight basis unless otherwise noted.

**Visit us on the web at [www.islechem.com](http://www.islechem.com)**

# CHAIN OF CUSTODY / REQUEST FOR LABORATORY ANALYSIS

2801 Long Road, Grand Island, NY 14072 (716)773-8401 (716)773-8517 (Fax)

Goodyear Dunlop Tires NA, Ltd Organizational Name PO Box 1109 Street Address Buffalo NY 14240 City State Zip	B3 - A6 Arsenic Resample Project Name PO Line 40 Client PO / Release # 10/09/13 Date Sampled	2 Samples / 2 Bottles # of Samples / # of Bottles 10-14 Days Turnaround Time/ Date Results Needed 11/3/00 83,0,36729	
Mark Craft Contact Person 879-6497 / 679-6400 Project Fax # E-mail mcrafft@ggdina.com	-mailed reporting upon request please provide e-mail below: Arsenic Matrix Comp Grab GW X X GW X GW X	262036 262037 262038 262039	Red Flag Limits 25 ug/L 25 ug/L
Rush Work Performed at Priority Rate (see below) Approved by Client Yes No Initials _____ Approved by Lab Yes No Initials _____		Bottle Type / Preservative 500 ml Poly (HNO3) 500 ml Poly (HNO3)	
Comments: Sampled by: <i>Patricia Lambert</i> Date: 10/9/13 Time: 1:00 Relinquished by: <i>Patricia Lambert</i> Date: 10/8/13 Time: 1:33 Standard turnaround time is 10 days.			

RUSH WORK CHARGES: 3-6 times the standard cost for same day depending on the time needed ~ 2.5 times the standard cost for next day ~ 1.75 times the standard cost for 3 day. By relinquishing these samples to IsleChem, LLC, you are accepting the current IsleChem, LLC terms and conditions for the sale of services.



Client Name: Good year

IsleChem, LLC Job Number: N11-310083

Sample(s) received by: [Signature] Date: 10/9/13 Time: 2:00 p

Is the chain of custody identified clearly with complete documentation including:

Sample location/Identification	<u>YES</u>	NO	N/A	Corrected
Sample date	<u>YES</u>	NO	N/A	Corrected
Sample time	<u>YES</u>	NO	N/A	Corrected
Client name	<u>YES</u>	NO	N/A	Corrected
Preservation type	<u>YES</u>	NO	N/A	Corrected
Required analysis is listed on each bottle	<u>YES</u>	NO	N/A	Corrected
Are the sample labels clear and do they provide a unique identification of the sample linked to COC?	<u>YES</u>	NO	N/A	Corrected
Are the sample containers appropriate?	<u>YES</u>	NO	N/A	Corrected
Is the sample date within the required hold times?	<u>YES</u>	NO	N/A	Corrected
Is there adequate volume available for requested analysis?	<u>YES</u>	NO	N/A	Corrected
Did the customer list what sample analysis is required?	<u>YES</u>	NO	N/A	Corrected
Is a chain of custody included?	<u>YES</u>	NO	N/A	Corrected
Is the chain of custody complete?	<u>YES</u>	NO	N/A	Corrected
Are the sample(s) free of apparent damage?	<u>YES</u>	NO	N/A	Corrected
Temperature <u>8°C</u> Has cooling begun?	<u>YES</u>	NO	N/A	-
Is temperature 6° C or less if sample(s) were held prior to delivery date?	YES	NO	<u>N/A</u>	-
Are samples appropriately preserved if necessary?	<u>YES</u>	NO	N/A	Corrected
VOA sample vials do not have headspace or visible "pea-sized" air bubbles > (1/4") in diameter.	YES	NO	<u>N/A</u>	Corrected
If necessary, lab management has been notified of any short hold or quick TAT samples.	YES	NO	<u>N/A</u>	-
If necessary, lab has been notified of any attached comments	<u>YES</u>	NO	N/A	-
Comments/Actions: <u>Check only 1 bottle for sample 2 bottles per sample</u>				
<u>Correct</u>				

## Groundwater Monitoring Information Sheet

Site Name: Dunlop  
Date: 10/8/13

Monitoring Well ID: AG  
Sampling Date: 10/8/13

### Well Structure Data

Evacuation Date: 10/8/13

Water Elevation: \_\_\_\_\_

Top of Inner Casing Elevation: \_\_\_\_\_

Bottom of Well: 23.2'

Monitoring Well Diameter: 2"

Volume of Standing Water: 2.55 gallons ± 3

Water Level: 7.5'

Volume of Excavated Water: 7.5 gallons

Appearance/Observations: slightly dark stained pump water - sample clear

### Well Field Parameter Data

pH - Standard Units: 7.39

Specific Conductance (umhos/cm): \_\_\_\_\_

Temperature - deg F: 18.2

Turbidity (ntu): \_\_\_\_\_

### Misc. Well Information

Was Well Locked?  Yes  No

Physical Condition of Well  Good  Fair  Poor

Was Well I.D. Easily Visible?  Yes  No

Solids Content  None  Medium  High

Weather on Sampling Day: clear

Purging Method: manual water

95% recharge

Patricia Kozary  
Field Technician Signature      Date: 10/11/13

## Groundwater Monitoring Information Sheet

Site Name: Dunlop Coalgear  
Date: 10/8-9/13

Monitoring Well ID: B-3  
Sampling Date: 10/9/13

### Well Structure Data

Evacuation Date: 10/8/13

Water Elevation: \_\_\_\_\_

Top of Inner Casing Elevation: \_\_\_\_\_

Bottom of Well: 16.9'

Monitoring Well Diameter: 2"

Volume of Standing Water: 1.793 x 3 = 5.37

Water Level: 5.9'

Volume of Excavated Water: 5.5 gallons

Appearance/Observations: Purge water just colored sample clear

### Well Field Parameter Data

pH - Standard Units: 6.71

Specific Conductance (umhos/cm): \_\_\_\_\_

Temperature - deg F: 17.3<sup>oc</sup>

Turbidity (ntu): \_\_\_\_\_

### Misc. Well Information

Was Well Locked?  Yes  No

Physical Condition of Well  Good  Fair  Poor

Was Well I.D. Easily Visible?  Yes  No

Solids Content  None  Medium  High

Weather on Sampling Day: Clear

Purging Method: Manned bailer

water level 100% recharged

Petrolo/10/9/13  
Field Technician Signature Date