

Goodyear Dunlop Tires North America, Ltd.



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

August 15, 2014

Goodyear Dunlop Tires Landfill Resampling Results (Wells OMW-B3 and OMW-C5)

Dear Mr. Sadowski,

Please find the enclosed analytical results from the sampling of downgradient wells OMW-B3 and OMW-C5 as collected on July 22, 2014. As agreed to by NYSDEC, Dunlop resampled wells OMW-B3 and OMW-C5 for arsenic and total phenol respectively because prior results from samples taken on June 10, 2014 were reported above action levels. Arsenic and total phenol results from these sample events are provided in the table below.

Sample Date	Well ID	Parameter	Result (ppb)	Action Level (ppb)
6/10/14	OMW-B3	Arsenic	92	25
7/22/14			47	
6/10/14	OMW-C5	Total Phenols*	6	1
7/22/14			<5	

*Phenol results from July 22, 2014 are reported at the analytical detection limit of <0.005 ug/L.

Arsenic results for well OMW-B3 continue to be reported above action levels, therefore in addition to collecting follow up samples, Dunlop is proposing to redevelop this well in an effort to clear the screened interval of sediments and the well casing of any fouling that may have accumulated over time. Well redevelopment will involve pumping water into the well in order to help clear out the connection between the well screen and the ground water zone.

Dunlop anticipates that the well redevelopment will take no longer than one day (8 hrs) to complete. Dunlop will schedule the redevelopment with NYSDEC during a mutually agreed to date and time in order to provide NYSDEC an opportunity to witness the redevelopment activities.

Dunlop will also resample the well no sooner than two weeks after the redevelopment is complete. This waiting period should provide adequate time for the well to recover and reach an equilibrium with the surrounding water table. The results of this resampling will be submitted to NYSDEC as soon as practical.

Finally, as previously reported to NYSDEC, it was observed during sampling on June 10, 2014 that well OMW-A4 is in poor condition. The top of the well is corroded and the base appears to be heaved. Dunlop is continuing to investigate how best to repair this well and will continue to communicate planned action with NYSDEC.

I will transmit this report electronically (.pdf) and also mail a hard copy via certified mail. 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

USPS Tracking Nos.: 7009 0960 0001 1779 6707
7009 0960 0001 1779 6714

Cc: Mr. Glenn May (NYSDEC)
Mr. Timothy Noe (Dunlop)
Mr. Mike Kaczynski (Dunlop)



2801 Long Road
Grand Island, NY 14072
(716) 773-8401
(800) 699-8606
(716) 773-8517 (fax)
www.islechem.com

Analysis Report

Client Goodyear Dunlop Tires NA, Ltd. Project Water Samples For Analysis
PO Box 1109 C5 Phenols Resample
Buffalo, NY 14240

Report Date 8/5/2014 Contact Mark Craft
Status Final
ID NY407134.0.39952

Batch Sample 7/22/2014
Date


Time 11:15

Description --

Received 7/22/2014

Time: 15:00

Batch Contact Mark Craft

Authorized Signature 

Richard V. Finn, Manager of Chemical Testing

The following result table is for 1 samples received by IsleChem LLC on 7/22/2014 sampled by Patrick Hagerty on 7/22/2014 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 NY407134.0.39952

Sample ID

Client Goodyear Dunlop Tires NA, Ltd.

Method

Analyte

Results

Units

Qualifiers

Analyst

Vessel ID

Date

134-0722-1

Well C5 - Ground Water Sampled 7/22/2014

WetChem

EPA 420.1 Rev 1978

Field Grab

Phenols

< 0.005

mg/L

ME

280066

2014-08-04

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 with be charged for the return of any 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.

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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. Organization Name		C5 Phenols Resample Project Name		1 Samples / 1 Bottles # of Samples / # of Bottles	
PO Box 1109 Street Address		Client PO / Release # 07/22/14		10 Days Turnaround Time/ Date Results Needed NY 46734.0.39952	
Buffalo, NY 14240 City, State, Zip		Date Sampled		IsleChem Project #	
Mark Craft Contact Person		-mailed reporting upon request please provide e-mail below: mcraft@gdtna.com		Rush Work Performed at Priority Rate (see below) Approved by Client Yes No Initials Approved by Lab Yes No Initials	
879-8497 / 879-8400 Phone# / Fax#		Matrix GW		Bottle Type / Preservative 500 ml Amber (H2SO4)	
Sample Location Well C5		Comp X Grab X		Red Flag Limits 1.0 ug/L	
Sample ID		Phenols (787)		280066	

Comments:

1115 pH

Sampled by: [Signature] Date: 07/22/14 Time: 10:30
 Relinquished by: [Signature] Date: 07/22/14 Time: 14:30
 Received by: [Signature] Date: 7/22/17 Time: 3:00
 Relinquished by lab: [Signature]

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
 By relinquishing these samples to IsleChem, LLC, you are accepting the current IsleChem, LLC terms and conditions for the sale of services.



Client Name: Goodjew

IsleChem, LLC Job Number: N:1.467134

Sample(s) received by: [Signature] Date: 7/22/17 Time: 3:00

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>3°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: _____



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Analysis Report

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PO Box 1109 B3 Arsenic Resample
Buffalo, NY 14240

Report Date 8/1/2014 Contact Mark Craft
Status Final
ID NY407135.0.39953

Batch Sample 7/22/2014
Date
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Description --
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Authorized Signature 

Richard V. Finn, Manager of Chemical Testing

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Notes:

Sample Results

Report ID NY407135.0.39953

Sample ID

Client Goodyear Dunlop Tires NA, Ltd.

Method

Analyte	Results	Units	Qualifiers	Analyst	Vessel ID	Date
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135-0722-1	Well B3 - Ground Water Sampled 7/22/2014					
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Metals

EPA 200.7 Rev 4.4

Field Grab

Arsenic, Total	0.047	mg/L		RVF	280067	2014-07-30
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IsleChem, LLC Job Number: NY-407135

Sample(s) received by: [Signature] Date: 7/22/17 Time: 3:00

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
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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>	-
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Comments/Actions: _____

