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Grand Island, NY 14072  
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[www.islechem.com](http://www.islechem.com)

## Analysis Report

Client	Goodyear Dunlop Tires NA, Ltd. PO Box 1109 Buffalo, NY 14240	Project	Water Samples For Analysis Well Sampling
Report Date	6/25/2014	Contact	Mark Craft
Status	Final - Revised Edition		
ID	<b>NY406063.0.39509</b>		
Batch Sample Date	6/10/2014		
Time	10:30		
Description	--		
Received	6/10/2014		
Time:	15:00		
Batch Contact	Mark Craft		
Authorized Signature			

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Richard V. Finn, Manager of Chemical Testing

*The following result table is for 6 samples received by IsleChem LLC on 6/10/2014 sampled by Client on 6/10/2014 and submitted by Client*

*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 NY406063.0.39509

Sample ID

Client Goodyear Dunlop Tires NA, Ltd.

Method

Analyte	Results	Units	Qualifiers	Analyst	Vessel ID	Date
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**063-0610-1 Well B3 - Ground Water Sampled 6/10/2014****Metals**

EPA 200.7 Rev 4.4

Field Grab						
Arsenic, Total	0.092	mg/L		RVF 277425		2014-06-17
Cadmium, Total	< 0.01	mg/L		RVF 277425		2014-06-17
Chromium, Total	< 0.01	mg/L		RVF 277425		2014-06-17
Lead, Total	< 0.01	mg/L		RVF 277425		2014-06-17

**Volatiles**

EPA 624

Field Grab						
1,2-Dichloroethene (Total cis & trans)	< 4.0	ug/L	A	RRS 277423-277424		2014-06-11
trans-1,2-Dichloroethene	< 2.0	ug/L		RRS 277423-277424		2014-06-11
1,1-Dichloroethane	< 2.0	ug/L		RRS 277423-277424		2014-06-11
cis-1,2-Dichloroethene	< 2.0	ug/L		RRS 277423-277424		2014-06-11
1,1,1-Trichloroethane	< 2.0	ug/L		RRS 277423-277424		2014-06-11
Benzene	< 0.5	ug/L		RRS 277423-277424		2014-06-11

EPA 8260C

Field Grab						
2-Butanone (Methylethyl ketone)	< 10.0	ug/L		RRS 277423-277424		2014-06-11

**WetChem**

EPA 120.1 Rev 1982

Field Grab						
Specific Conductance	1082	umhos/cm		RVF 277427		2014-06-11

EPA 420.1 Rev 1978

Field Grab						
Phenols	< 0.005	mg/L		ME 277422		2014-06-19

SM 2130 B-01,-11

Field Grab						
Turbidity	21.8	NTU		RVF 277427		2014-06-11

Time of Analysis: 13:06

**063-0610-2 Well B4 - Ground Water Sampled 6/10/2014****Metals**

EPA 200.7 Rev 4.4

Field Grab						
Arsenic, Total	< 0.01	mg/L		RVF 277431		2014-06-17
Cadmium, Total	< 0.01	mg/L		RVF 277431		2014-06-17
Chromium, Total	< 0.01	mg/L		RVF 277431		2014-06-17
Lead, Total	< 0.01	mg/L		RVF 277431		2014-06-17

**Volatiles**

EPA 624

**Sample Results**

Report ID NY406063.0.39509

Sample ID

Client Goodyear Dunlop Tires NA, Ltd.

Method

Analyte	Results	Units	Qualifiers	Analyst	Vessel ID	Date
---------	---------	-------	------------	---------	-----------	------

**063-0610-2 Well B4 - Ground Water Sampled 6/10/2014****Volatiles**

EPA 624

Field Grab						
1,2-Dichloroethene (Total cis & trans)	< 4.0	ug/L	A	RRS	277429-277430	2014-06-11
trans-1,2-Dichloroethene	< 2.0	ug/L		RRS	277429-277430	2014-06-11
1,1-Dichloroethane	< 2.0	ug/L		RRS	277429-277430	2014-06-11
cis-1,2-Dichloroethene	< 2.0	ug/L		RRS	277429-277430	2014-06-11
1,1,1-Trichloroethane	< 2.0	ug/L		RRS	277429-277430	2014-06-11
Benzene	< 0.5	ug/L		RRS	277429-277430	2014-06-11

EPA 8260C

Field Grab						
2-Butanone (Methylethyl ketone)	< 10.0	ug/L		RRS	277429-277430	2014-06-11

**WetChem**

EPA 120.1 Rev 1982

Field Grab						
Specific Conductance	3200	umhos/cm		RVF	277433	2014-06-11

EPA 420.1 Rev 1978

Field Grab						
Phenols	< 0.005	mg/L		ME	277428	2014-06-19

SM 2130 B-01,-11

Field Grab						
Turbidity	17.2	NTU		RVF	277433	2014-06-11

Time of Analysis: 13:07

**063-0610-3 Well C7 - Ground Water Sampled 6/10/2014****Metals**

EPA 200.7 Rev 4.4

Field Grab						
Arsenic, Total	< 0.01	mg/L		RVF	277437	2014-06-17
Cadmium, Total	< 0.01	mg/L		RVF	277437	2014-06-17
Chromium, Total	0.012	mg/L		RVF	277437	2014-06-17
Lead, Total	< 0.01	mg/L		RVF	277437	2014-06-17

**Volatiles**

EPA 624

Field Grab						
1,2-Dichloroethene (Total cis & trans)	< 4.0	ug/L	A	RRS	277435-277436	2014-06-11
trans-1,2-Dichloroethene	< 2.0	ug/L		RRS	277435-277436	2014-06-11
1,1-Dichloroethane	< 2.0	ug/L		RRS	277435-277436	2014-06-11
cis-1,2-Dichloroethene	< 2.0	ug/L		RRS	277435-277436	2014-06-11
1,1,1-Trichloroethane	< 2.0	ug/L		RRS	277435-277436	2014-06-11
Benzene	< 0.5	ug/L		RRS	277435-277436	2014-06-11

EPA 8260C

Field Grab

**Sample Results**

Report ID NY406063.0.39509

Sample ID

Client Goodyear Dunlop Tires NA, Ltd.

Method

Analyte	Results	Units	Qualifiers	Analyst	Vessel ID	Date
<b>063-0610-3 Well C7 - Ground Water Sampled 6/10/2014</b>						
<b>Volatiles</b>						
EPA 8260C						
Field Grab						
2-Butanone (Methylethyl ketone)	< 10.0	ug/L		RRS	277435-277436	2014-06-11
<b>WetChem</b>						
EPA 120.1 Rev 1982						
Field Grab						
Specific Conductance	3790	umhos/cm		RVF	277439	2014-06-11
EPA 420.1 Rev 1978						
Field Grab						
Phenols	< 0.005	mg/L		ME	277434	2014-06-19
SM 2130 B-01,-11						
Field Grab						
Turbidity	12.8	NTU		RVF	277439	2014-06-11
Time of Analysis: 13:11						

**063-0610-4 Well A4 - Ground Water Sampled 6/10/2014****Metals**

EPA 200.7 Rev 4.4						
Field Grab						
Arsenic, Dissolved	< 0.01	mg/L		RVF	277444	2014-06-17
Arsenic, Total	< 0.01	mg/L		RVF	277443	2014-06-17
Cadmium, Dissolved	< 0.01	mg/L		RVF	277444	2014-06-17
Cadmium, Total	< 0.01	mg/L		RVF	277443	2014-06-17
Chromium, Dissolved	< 0.01	mg/L		RVF	277444	2014-06-17
Chromium, Total	< 0.01	mg/L		RVF	277443	2014-06-17
Lead, Dissolved	< 0.01	mg/L		RVF	277444	2014-06-17
Lead, Total	< 0.01	mg/L		RVF	277443	2014-06-17

**Volatiles**

EPA 624						
Field Grab						
1,2-Dichloroethene (Total cis & trans)	< 4.0	ug/L	A	RRS	277441-277442	2014-06-11
trans-1,2-Dichloroethene	< 2.0	ug/L		RRS	277441-277442	2014-06-11
1,1-Dichloroethane	< 2.0	ug/L		RRS	277441-277442	2014-06-11
cis-1,2-Dichloroethene	< 2.0	ug/L		RRS	277441-277442	2014-06-11
1,1,1-Trichloroethane	< 2.0	ug/L		RRS	277441-277442	2014-06-11
Benzene	< 0.5	ug/L		RRS	277441-277442	2014-06-11
EPA 8260C						
Field Grab						
2-Butanone (Methylethyl ketone)	< 10.0	ug/L		RRS	277441-277442	2014-06-11

**WetChem**

**Sample Results**

Report ID NY406063.0.39509

Sample ID

Client Goodyear Dunlop Tires NA, Ltd.

Method

Analyte	Results	Units	Qualifiers	Analyst	Vessel ID	Date
<b>063-0610-4 Well A4 - Ground Water Sampled 6/10/2014</b>						
<b>WetChem</b>						
EPA 120.1 Rev 1982						
Field Grab						
Specific Conductance	6640	umhos/cm		RVF	277445	2014-06-11
EPA 420.1 Rev 1978						
Field Grab						
Phenols	< 0.005	mg/L		ME	277440	2014-06-19
SM 2130 B-01,-11						
Field Grab						
Turbidity	88.4	NTU		RVF	277445	2014-06-11
Time of Analysis: 13:04						

**063-0610-5 Well C5 - Ground Water Sampled 6/10/2014****Metals**

EPA 200.7 Rev 4.4						
Field Grab						
Arsenic, Total	< 0.01	mg/L		RVF	277449	2014-06-17
Cadmium, Total	< 0.01	mg/L		RVF	277449	2014-06-17
Chromium, Total	< 0.01	mg/L		RVF	277449	2014-06-17
Lead, Total	< 0.01	mg/L		RVF	277449	2014-06-17

**Volatiles**

EPA 624						
Field Grab						
1,2-Dichloroethene (Total cis & trans)	< 4.0	ug/L	A	RRS	277447-277448	2014-06-11
trans-1,2-Dichloroethene	< 2.0	ug/L		RRS	277447-277448	2014-06-11
1,1-Dichloroethane	< 2.0	ug/L		RRS	277447-277448	2014-06-11
cis-1,2-Dichloroethene	< 2.0	ug/L		RRS	277447-277448	2014-06-11
1,1,1-Trichloroethane	< 2.0	ug/L		RRS	277447-277448	2014-06-11
Benzene	< 0.5	ug/L		RRS	277447-277448	2014-06-11
EPA 8260C						
Field Grab						
2-Butanone (Methylethyl ketone)	< 10.0	ug/L		RRS	277447-277448	2014-06-11

**WetChem**

EPA 120.1 Rev 1982						
Field Grab						
Specific Conductance	3210	umhos/cm		RVF	277451	2014-06-11
EPA 420.1 Rev 1978						
Field Grab						
Phenols	0.006	mg/L		ME	277446	2014-06-19
SM 2130 B-01,-11						
Field Grab						

## Sample Results

Report ID NY406063.0.39509

Sample ID

Client Goodyear Dunlop Tires NA, Ltd.

Method

Analyte	Results	Units	Qualifiers	Analyst	Vessel ID	Date
<b>063-0610-5 Well C5 - Ground Water Sampled 6/10/2014</b>						
<b>WetChem</b>						
SM 2130 B-01,-11						
Field Grab						
Turbidity	4.57	NTU		RVF	277451	2014-06-11
Time of Analysis: 13:09						

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**063-0610-6 Trip Blank - Ground Water Sampled 6/10/2014****Volatiles**

EPA 624						
Field Grab						
1,2-Dichloroethene (Total cis & trans)	< 4.0	ug/L	A	RRS	277452	2014-06-11
trans-1,2-Dichloroethene	< 2.0	ug/L		RRS	277452	2014-06-11
1,1-Dichloroethane	< 2.0	ug/L		RRS	277452	2014-06-11
cis-1,2-Dichloroethene	< 2.0	ug/L		RRS	277452	2014-06-11
1,1,1-Trichloroethane	< 2.0	ug/L		RRS	277452	2014-06-11
Benzene	< 0.5	ug/L		RRS	277452	2014-06-11
EPA 8260C						
Field Grab						
2-Butanone (Methylethyl ketone)	< 10.0	ug/L		RRS	277452	2014-06-11

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**Data Qualifiers and Definitions:**

A Analyte is NOT covered by New York State NELAP Certification.

**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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# IsleChem

2801 Long Road  
Grand Island, NY 14072

## Groundwater Monitoring Information Sheet

Site Name:

Dunlop

Date:

06/09/14

Monitoring Well ID

B-3

Sampling Date

06/10/14

### Well Structure Data

Evacuation Date:

06/09/14

1345-1340

Water Elevation:

8

Top of Inner Casing Elevation:

Bottom of Well:

17.5

Monitoring Well Diameter:

2.3

Volume of Standing Water

4.25 gallons

Water Level:

8.8

Volume of Excavated Water

5.0 gallons

Appearance/Observations

### Well Field Parameter Data

pH - Standard Units

6.72

Specific Conductance (umhos/cm)

Temperature - deg F

15.9 C / 61 F

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

Partly Cloudy

Purging Method

Manual Bailers

Field Technician Signature

Patrick J. Hagerly

Date

06/10/14

# IsleChem

2301 Long Road  
Grand Island, NY 14072

## Groundwater Monitoring Information Sheet

Site Name:

Dunlop

Date:

06/09/14

Monitoring Well ID

B 4

Sampling Date

06/09/14  
1050

22.4 - 18.2 4.2

25% over pump

22.4 - 6.1 = 16.3 X .163 X 3

### Well Structure Data

Evacuation Date:

06/09/14

1350-

Water Elevation:

\_\_\_\_\_

Top of Inner Casing Elevation:

\_\_\_\_\_

Bottom of Well:

22.4

Monitoring Well Diameter:

2.5"

Volume of Standing Water

7.97 gallons

Water Level:

6.1

Volume of Excavated Water

8.00 gallons

Appearance/Observations

\_\_\_\_\_

### Well Field Parameter Data

pH - Standard Units

7.33

Specific Conductance (umhos/cm)

\_\_\_\_\_

Temperature - deg F

16.3

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

partly cloudy

Purging Method

manual bailer

Field Technician Signature

Patricia Hoxley

Date

06/10/14



## Groundwater Monitoring Information Sheet

Site Name: Dunlop  
Date: 06/09/14

Monitoring Well ID: A4  
Sampling Date: 06/10/14 0955

$$25.5 - 17.7 = 7.8 = 52\% \text{ recharge}$$

$$25.5 - 10.7 = 14.8 \times .163 \times 3 = 7.23 \text{ gallons}$$

### Well Structure Data

Evacuation Date: 06/09/14 1250 - 1315

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

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

Bottom of Well: 25.5

Monitoring Well Diameter: 2.5"

Volume of Standing Water: 7.23 gallons

Water Level: 10.7

Volume of Excavated Water: 7.5 gallons

Appearance/Observations \_\_\_\_\_

### Well Field Parameter Data

pH - Standard Units: 7.19

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

Temperature - deg F: 16.7 = 62°F

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: Partly cloudy

Purging Method: Manual bailer

Field Technician Signature

Date

Patrick J. Hegerly 06/10/14

# IsleChem

2801 Long Road  
Grand Island, NY 14072

## Groundwater Monitoring Information Sheet

Site Name: Dunlop  
Date: 06/09/14

Monitoring Well ID

C-5

Sampling Date

06/10/14

### Well Structure Data

Evacuation Date: 06/09/14

1200 - 1250

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

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

Bottom of Well: 29.5

Monitoring Well Diameter: 2.5"

Volume of Standing Water 11.93

Water Level: 5.11

Volume of Excavated Water 12.5 gallons

Appearance/Observations \_\_\_\_\_

### Well Field Parameter Data

pH - Standard Units 7.14

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

Temperature - deg F 18.2 = 65°F

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 Partly Cloudy

Purging Method Manual Bailers

Field Technician Signature Patrick J. Nugent

Date 06/10/14

## Groundwater Monitoring Information Sheet

Site Name: Dunlop  
Date: 06/09/14

Monitoring Well ID

C-7

Sampling Date 06/10/14 0940

$$23.5 - 18.2 = 5.3 = 30\% \text{ recharge}$$
$$23.5 - 6.8 = 16.7 \times 0.163 \times 3 = 8.16$$

### Well Structure Data

Evacuation Date: 06/09/14 1120 - 1150

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

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

Bottom of Well: 23.5'

Monitoring Well Diameter: 2.5"

Volume of Standing Water 8.16 Gallons

Water Level: 6.8'

Volume of Excavated Water 8 gallons

Appearance/Observations \_\_\_\_\_

### Well Field Parameter Data

pH - Standard Units 7.46

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

Temperature - deg F 18.9 = 66°F

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 Partly Cloudy

Purging Method Manual Bailers

Field Technician Signature

Patrick Hagen

Date

06/10/14



# CHAIN OF CUSTODY / REQUEST FOR LABORATORY ANALYSIS

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

Page 1 of 5

Goodyear Dunlop Tires NA, Ltd. Organization Name		Well Sampling Project Name				1 Samples / 6 Bottles # of Samples / # of Bottles														
PO Box 1109 Street Address		PO Line 40 Client PO / Release #				10 Days Turnaround Time/ Date Results Needed														
Buffalo, NY 14240 City, State, Zip		Date Sampled <i>06/10/14</i>				IsleChem Project # <i>NI- 906063 .0.39509</i>														
Mark Craft Contact Person  879-8497 / 879-8400 Phone# / Fax#		-mailed reporting upon request please provide e-mail below:  <i>mcraft@gdtna.com</i> E-mail				Total Rec. Phenols (787)	2-Butanone (MEK) (Group list below)	Benzene (Group list below)	1,1-Dichloroethane, 1,2-Dichloroethane & 1,1,1-Trichloroethane (Group list below)	Arsenic & Lead (Group list below)	Cadmium (Group list below)	Chromium (Group list below)	Soluble Metals * (2173)	Specific Conductance	Turbidity * (1012)	Red Flag Limits	Rush Work Performed at Priority Rate (see below)			
																	Approved by Client    Yes    No    Initials _____ Approved by Lab        Yes    No    Initials _____			
Sample ID	Sample Location	Matrix	Comp	Grab																
	Well B3	GW		X	X											1.0 ug/L		500 ml Amber Glass (H2SO4)		
	Well B3	GW		X		X										50 ug/L		(2) 40 ml VOA Vials (HCL)		
	Well B3	GW		X			X									0.7 ug/L				
	Well B3	GW		X					X							5.0 ug/L				
	Well B3	GW		X						X						25 ug/L		500 ml Poly (HNO3)		
	Well B3	GW		X							X					10 ug/L				
	Well B3	GW		X								X				50 ug/L				
	Well B3	GW		X									X					500 ml Poly (None) - Filter when received.		
	Well B3	GW		X										X	X			250 ml Poly (None)		
	Trip Blank	DI Water		X		X	X	X										40 mL Vial (HCl)		

**Comments:**    \* Analyze soluble metals only if turbidity is >50 same list as total metals    \*\* Metals: Arsenic, Lead, Cadmium & Chromium (2174)

**\*\* Volatiles List:** MEK, Benzene, 1,1-dichloroethane, 1,2-dichloroethane and 1,1,1-trichloroethane (2175)

Sampled By: <i>Patricia Nery</i>	Date: <i>06/10/14</i>	Time: <i>10:30</i>	Received by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by: <i>Patricia Nery</i>	Date: <i>06/10/14</i>	Time: <i>14:20</i>	Relinquished by:	Date:	Time:	Received by lab:	Date: <i>6/10/14</i>	Time: <i>3:00</i>

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.

# CHAIN OF CUSTODY / REQUEST FOR LABORATORY ANALYSIS

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

Page 2 of 5

Goodyear Dunlop Tires NA, Ltd. Organization Name		Well Sampling Project Name		1 Samples / 6 Bottles # of Samples / # of Bottles												
PO Box 1109 Street Address		PO Line 40		10 Days Turnaround Time/ Date Results Needed												
Buffalo, NY 14240 City, State, Zip		Client PO / Release # <i>06/10/14</i>		<i>NY 46663, O. 3950?</i>												
Mark Craft Contact Person		Date Sampled		IsleChem Project #												
879-8497 / 879-8400 Phone# / Fax#		E-mail <i>mcraft@gdtna.com</i>		Rush Work Performed at Priority Rate (see below)												
		-mailed reporting upon request please provide e-mail below:		Approved by Client    Yes    No    Initials _____												
				Approved by Lab        Yes    No    Initials _____												
Sample ID	Sample Location	Matrix	Comp	Grab	Total Rec. Phenols (787)	2-Butanone (MEK) (Group below)	Benzene (Group list below)	1,1-Dichloroethane, 1,2-Dichloroethane, 1,1,1-Trichloroethane (Group list below)	Arsenic & Lead (Group list below)	Cadmium (Group list below)	Chromium (Group list below)	Soluble Metals * (2173)	Specific Conductance	Turbidity * (1012)	Red Flag Limits	Bottle Type / Preservative
	Well B4	GW		X	X	<i>277428</i>									1.0 ug/L	500 ml Amber Glass (H2SO4)
	Well B4	GW		X		X									50 ug/L	(2) 40 ml VOA Vials (HCL)
	Well B4	GW		X			X								0.7 ug/L	
	Well B4	GW		X				X							5.0 ug/L	
	Well B4	GW		X					X						25 ug/L	500 ml Poly (HNO3)
	Well B4	GW		X						X					10 ug/L	
	Well B4	GW		X							X				50 ug/L	
	Well B4	GW		X								X				500 ml Poly (None) - Filter when received.
	Well B4	GW		X									X	X	<i>277433</i>	250 ml Poly (None)

Comments: \* Analyze soluble metals only if turbidity is >50 same list as total metals      \*\* Metals: Arsenic, Lead, Cadmium & Chromium (2174)

\*\* Volatiles List: MEK, Benzene, 1,1-dichloroethane, 1,2-dichloroethane and 1,1,1-trichloroethane (2175)

Sampled By: <i>Patrick / Nagels</i>		Date: <i>06/10/14</i>	Time: <i>1050</i>	Received by:		Date:	Time:	Received by:		Date:	Time:
Relinquished by: <i>Patrick / Nagels</i>		Date: <i>06/10/14</i>	Time: <i>1320</i>	Relinquished by:		Date:	Time:	Received by lab: <i>[Signature]</i>		Date: <i>6/10/14</i>	Time: <i>3:00</i>

Standard turnaround time is 10 days.

RUSH WORK CHARGES: 3-5 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.



## CHAIN OF CUSTODY / REQUEST FOR LABORATORY ANALYSIS

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

Page 3 of 5

Goodyear Dunlop Tires NA, Ltd. Organization Name		Well Sampling Project Name		1 Samples / 6 Bottles # of Samples / # of Bottles												
PO Box 1109 Street Address		PO Line 40 Client PO / Release #		10 Days Turnaround Time/ Date Results Needed												
Buffalo, NY 14240 City, State, Zip		06/10/14 Date Sampled		NY 406063 0.39509 IsleChem Project #												
Mark Craft Contact Person		E-mailed reporting upon request please provide e-mail below: mcrafft@gdtna.com		Rush Work Performed at Priority Rate (see below)												
879-8497 / 879-8400 Phone# / Fax#		E-mail		Approved by Client    Yes    No    Initials Approved by Lab        Yes    No    Initials												
Sample ID	Sample Location	Matrix	Comp	Grab	Total Rec. Phenols (787)	2-Butanone (MEK) (Group list below)	Benzene (Group list below)	1,1-Dichloroethane, 1,2-Dichloroethane & 1,1,1-Trichloroethane (Group list below)	Arsenic & Lead (Group list below)	Cadmium (Group list below)	Chromium (Group list below)	Soluble Metals * (2173)	Specific Conductance	Turbidity * (1012)	Red Flag Limits	Bottle Type / Preservative
	Well C7	GW		X	X	277434									1.0 ug/L	500 ml Amber Glass (H2SO4)
	Well C7	GW		X		X	277435	277436							50 ug/L	(2) 40 ml VOA Vials (HCL)
	Well C7	GW		X			X								0.7 ug/L	
	Well C7	GW		X				X							5.0 ug/L	
	Well C7	GW		X					X	277437					25 ug/L	500 ml Poly (HNO3)
	Well C7	GW		X						X					10 ug/L	
	Well C7	GW		X							X				50 ug/L	
	Well C7	GW		X								X	277438			500 ml Poly (None) - Filter when received.
	Well C7	GW		X									X	X	277439	250 ml Poly (None)
Comments:    * Analyze soluble metals only if turbidity is >50 same list as total metals    ** Metals: Arsenic, Lead, Cadmium & Chromium (2174)																
** Volatiles List: MEK, Benzene, 1,1-dichloroethane, 1,2-dichloroethane and 1,1,1-trichloroethane (2175)																
Sampled By: [Signature]		Date: 06/10/14	Time: 0940		Received by:		Date:		Time:		Received by:		Date:		Time:	
Relinquished by: [Signature]		Date: 06/10/14	Time: 1430		Relinquished by:		Date:		Time:		Received by lab: [Signature]		Date: 6/10/14		Time: 3:00	

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

# CHAIN OF CUSTODY / REQUEST FOR LABORATORY ANALYSIS

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

Page 4 of 5

Goodyear Dunlop Tires NA, Ltd.		Well Sampling		1 Samples / 6 Bottles												
Organization Name		Project Name		# of Samples / # of Bottles												
PO Box 1109		PO Line 40		10 Days												
Street Address		Client PO / Release #		Turnaround Time/ Date Results Needed												
Buffalo, NY 14240		06/10/14		N.Y. 406063.0.39509												
City, State, Zip		Date Sampled		IsleChem Project #												
Contact Person		-mailed reporting upon request please provide e-mail below:		Rush Work Performed at Priority Rate (see below)												
879-8497 / 879-8400		mcraft@gdtna.com		Approved by Client Yes No Initials												
Phone# / Fax#		E-mail		Approved by Lab Yes No Initials												
Sample ID	Sample Location	Matrix	Comp	Grab	Total Rec. Phenols (787)	2-Butanone (MEK) (Group list below)	Benzene (Group list below)	1,1-Dichloroethane & 1,1,1-Trichloroethane (Group list below)	Arsenic & Lead (Group list below)	Cadmium (Group list below)	Chromium (Group list below)	Soluble Metals * (2173)	Specific Conductance	Turbidity * (1012)	Red Flag Limits	Bottle Type / Preservative
	Well A4	GW		X	X	277440									1.0 ug/L	500 ml Amber Glass (H2SO4)
	Well A4	GW		X		X	277441	277442							50 ug/L	(2) 40 ml VOA Vials (HCL)
	Well A4	GW		X			X								0.7 ug/L	
	Well A4	GW		X				X							5.0 ug/L	
	Well A4	GW		X					X						25 ug/L	500 ml Poly (HNO3)
	Well A4	GW		X						X					10 ug/L	
	Well A4	GW		X							X				50 ug/L	
	Well A4	GW		X								X			277444	500 ml Poly (None) - Filter when received.
	Well A4	GW		X									X	X	277445	250 ml Poly (None)

Comments: * Analyze soluble metals only if turbidity is >50 same list as total metals ** Metals: Arsenic, Lead, Cadmium & Chromium (2174)									
** Volatiles List: MEK, Benzene, 1,1-dichloroethane, 1,2-dichloroethane and 1,1,1-trichloroethane (2175)									
Sampled By:	Date	Time	Received by:	Date	Time	Received by:	Date	Time	
Relinquished by:	Date	Time	Relinquished by:	Date	Time	Received by lab:	Date	Time	

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



# CHAIN OF CUSTODY / REQUEST FOR LABORATORY ANALYSIS

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

Page 5 of 5

Goodyear Dunlop Tires NA, Ltd.		Well Sampling				1 Samples / 6 Bottles														
Organization Name		Project Name				# of Samples / # of Bottles														
PO Box 1109		PO Line 40				10 Days														
Street Address		Client PO / Release #				Turnaround Time/ Date Results Needed														
Buffalo, NY 14240		06/10/14				NY.406063.0.39509														
City, State, Zip		Date Sampled				IsleChem Project #														
Contact Person Mark Craft 879-8497 / 879-8400 Phone# / Fax#		E-mailed reporting upon request please provide e-mail below: mcrafft@gdtna.com				Total Rec. Phenols (787)	2-Butanone (MEK) (Group list below)	Benzene (Group list below)	1,1-Dichloroethane, 1,2-Dichloroethane & 1,1,1-Trichloroethane (Group list below)	Arsenic & Lead (Group list below)	Cadmium (Group list below)	Chromium (Group list below)	Soluble Metals * (2173)	Specific Conductance	Turbidity * (1012)	Red Flag Limits	Rush Work Performed at Priority Rate (see below)			
																	Approved by Client    Yes    No    Initials _____ Approved by Lab        Yes    No    Initials _____			
Sample ID	Sample Location	Matrix	Comp	Grab													Bottle Type / Preservative			
	Well C5	GW		X	X	277446										1.0 ug/L	500 ml Amber Glass (H2SO4)			
	Well C5	GW		X	X	277447	277448									50 ug/L	(2) 40 ml VOA Vials (HCL)			
	Well C5	GW		X			X									0.7 ug/L				
	Well C5	GW		X				X								5.0 ug/L				
	Well C5	GW		X					X							25 ug/L	500 ml Poly (HNO3)			
	Well C5	GW		X						X						10 ug/L				
	Well C5	GW		X							X					50 ug/L				
	Well C5	GW		X								X				277450	500 ml Poly (None) - Filter when received.			
	Well C5	GW		X									X	X		277451	250 ml Poly (None)			

**Comments:**    \* Analyze soluble metals only if turbidity is >50 same list as total metals    \*\* Metals: Arsenic, Lead, Cadmium & Chromium (2174)

**\*\* Volatiles List:** MEK, Benzene, 1,1-dichloroethane, 1,2-dichloroethane and 1,1,1-trichloroethane (2175)

Sampled By:	Date	Time	Received by:	Date	Time	Received by:	Date	Time
<i>[Signature]</i>	06/10/14	0915						
Relinquished by:	Date	Time	Relinquished by:	Date	Time	Received by lab:	Date	Time
<i>[Signature]</i>	06/10/14	1430				<i>[Signature]</i>	06/10/14	3:00

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

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





Client Name: Goodyear

IsleChem, LLC Job Number: NY-406063

Sample(s) received by: [Signature] Date: 6/10/14 Time: 3:09

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>4°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.	<u>YES</u>	NO	N/A	Corrected
---	------------	----	-----	-----------

If necessary, lab management has been notified of any short hold or quick TAT samples.	<u>YES</u>	NO	N/A	-
--	------------	----	-----	---

If necessary, lab has been notified of any attached comments.	<u>YES</u>	NO	N/A	-
---	------------	----	-----	---

Comments/Actions: \_\_\_\_\_