DUNLOP FALKEN

Mr. Brian Sadowski New York State Dept. of Environmental Conservation 270 Michigan Avenue Buffalo, NY 14203-2915 July 24, 2017

Well Testing Results, Period Review Report and Institutional Controls Certification of Inactive Waste Site No. 915018

Dear Mr. Sadowski,

Please find the attached analytical results for Dunlop's annual well testing sampled on June 23, 2017. The wells requiring sampling this year (year 23) are downgradient wells B3, B4, and C7. Upgradient wells A6 and C1 and downgradient wells A4 and C5 do not require sampling at this time per the Long-Term Monitoring Plan.

The following was reported above action levels:

Well	Parameter	Result (ppb)	Action Level
Identification			(ppb)
OMW-B3	Arsenic	28.8	25

As agreed to by NYSDEC, no further action is required. In an email from you dated July 10, 2017, you accepted the results since this result is lower than historical results.

Included with this submittal are the following attachments:

- Institutional Engineering Controls Certification Form (IC/EC)
- Periodic Review Report (PRR)
- Laboratory Report
- Sampling Location Maps
- Long-term sampling schedule
- Action levels for downgradient wells
- Laboratory Report
- Semi-annual Landfill Condition Visual Inspections completed on November 4, 2016 and April 24, 2017



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,

m. light

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

Cc:

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



Enclosure 2 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form



Sit	Site Details te No. 915018	Box 1
Sit	ite Name Dunlop Tire and Rubber	¥.
City	ite Address: 3333 River Road Zip Code: 14150 ity/Town: Tonawanda ounty: Erie ite Acreage: 25.0 (landfin acreas)	
Re	eporting Period: June 30, 2016 to June 30, 2017	
		YES NO
1.	Is the information above correct?	
	If NO, include handwritten above or on a separate sheet.	
2.	Has some or all of the site property been sold, subdivided, merged, or undergotax map amendment during this Reporting Period?	gone a □
3.	Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	
4.	Have any federal, state, and/or local permits (e.g., building, discharge) been if for or at the property during this Reporting Period?	ssued
	If you answered YES to questions 2 thru 4, include documentation or eventhat documentation has been previously submitted with this certification.	ridence n form.
5.	that documentation has been previously submitted with this certification	ridence n form. □
5.	that documentation has been previously submitted with this certification	n form.
5.	that documentation has been previously submitted with this certification	n form. □
5.	that documentation has been previously submitted with this certification Is the site currently undergoing development?	n form. □
6.	that documentation has been previously submitted with this certification is the site currently undergoing development? Is the current site use consistent with the use(s) listed below?	Box 2 YES NO
6.	Is the site currently undergoing development? Is the current site use consistent with the use(s) listed below? Closed Landfill	Box 2 YES NO
6.	Is the current site use consistent with the use(s) listed below? Closed Landfill Are all ICs/ECs in place and functioning as designed? IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date	Box 2 YES NO Delow and inue.

SITE NO. 915018 Box 3

Description of Institutional Controls

Parcel

Owner

Institutional Control

65.17-2-1.111

Sumitomo Rubber USA, LLC

Monitoring Plan O&M Plan

- 1. March 1993, Record of Decision (ROD).
- 2. Post-closure maintenance of the cover system and groundwater monitoring to ensure long term effectiveness of the remedy and to provide early detection should failure occur.

Box 4

Description of Engineering Controls

Parcel

Engineering Control

65.17-2-1.111

Cover System

Fencing/Access Control

- 1. Capping of three on-site landfills in 1993 and 1994 with modified Part 360 clay caps that consisted of 18 inches of compacted clay and covered with 6 inches of soil.
- 2. Overlying other areas of the three landfills were asphalt paved for parking and tractor trailer storage in the Fall of 1992. Surface water runoff is directed to catch basins that discharge to the plant settling pond. Monitoring of this pond is routinely scheduled as a SPDES permit condition. The site is fenced and has full time security.

Box	5
-----	---

	Periodic Review Report (PRR) Certification Statements		
1.	I certify by checking "YES" below that:		
	 a) the Periodic Review report and all attachments were prepared under the direction reviewed by, the party making the certification; 	ection of	, and
	 b) to the best of my knowledge and belief, the work and conclusions described are in accordance with the requirements of the site remedial program, and gene engineering practices; and the information presented is accurate and compete. 	erally acc	cepted
9		YES	NO
		A	
2.	If this site has an IC/EC Plan (or equivalent as required in the Decision Document), fo or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below the following statements are true:	r each Ir at all of t	nstitutional he
•	(a) the Institutional Control and/or Engineering Control(s) employed at this site the date that the Control was put in-place, or was last approved by the Departm	is uncha ent;	nged since
	(b) nothing has occurred that would impair the ability of such Control, to protect the environment;	public h	ealth and
	(c) access to the site will continue to be provided to the Department, to evaluate including access to evaluate the continued maintenance of this Control;	e the ren	nedy,
	(d) nothing has occurred that would constitute a violation or failure to comply wi Management Plan for this Control; and	th the Si	te
	(e) if a financial assurance mechanism is required by the oversight document for mechanism remains valid and sufficient for its intended purpose established in the	or the site	e, the nent.
	·	YES	NO
		D/	
	IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.		
A	A Corrective Measures Work Plan must be submitted along with this form to address th	nese issi	ues.
-	Signature of Owner, Remedial Party or Designated Representative Date		*
	Signature of Owner, Remedial Party or Designated Representative Date		

IC CERTIFICATIONS SITE NO. 915018

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

print name at 10 Shen don Dr. Tanguanda, NY 14 15
am certifying as Senior Vice President of Manufactur (9wner or Remedial Party)
for the Site named in the Site Details Section of this form.
Signature of Owner, Remedial Party, or Designated Representative Date
Rendering Certification

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

14304 Paul Van Kerkhove at GHD 2055 Ningara Falls Blvd, Ningara Falls, NY print name print business address

am certifying as a Qualified Environmental Professional for the Sumiton Rubber 45A

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

(Owner or Remedial Party) Stamp Date (Required for PE)

SUMITOMO RUBBER USA, LLC TONAWANDA, NEW YORK LANDCAP MANAGEMENT SITE MANAGEMENT PERIODIC REVIEW REPORT (PRR)

I. Executive Summary

In 1994 a plan was developed to close inactive waste sites at Sumitomo Rubber USA, LLC (Sumitomo) located in Tonawanda, New York. Solid waste, rubber and other wastes were consolidated into three separate areas (Areas A, B and C) within the Sumitomo site. A monitoring plan was established based upon the results of site investigations. The goal of this plan is to monitor the long term effectiveness of the closure, and provide for early detection should failure occur.

At this time sampling required by the monitoring plan effectively shows that the capped areas are containing these wastes.

Sumitomo will continue with the existing plan, until 2024 or until the NYSDEC issues a new monitoring plan template. Sumitomo will update the existing plan in a timely manner as required by NYSDEC.

II. Site Overview

Please see the attached site maps which show the location of each of the three capped areas.

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness

Post closure maintenance and groundwater monitoring of Areas A, B and C ensure that the closures continue to operate effectively.

IV. IC/EC Plan Compliance Report

Refer to the Control Description on IC/EC Certification Form.

V. Monitoring Plan Compliance Report

The capped areas are inspected on a semi-annual basis and maintenance is performed as needed to ensure cap integrity. Monitoring wells are sampled as per the sampling schedule in Table 1 of the long term monitoring plan. A report detailing the results obtained from each sampling event is submitted annually for review by the NYSDEC.

VI. Operation & Maintenance Plan Compliance Report

Refer to section V.

VII. Overall PRR Conclusions and Recommendations

Sumitomo continues to meet the annual monitoring requirements set forth by the long term monitoring plan.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Department's Project Manager for the site.

TABLE 1 SAMPLING SCHEDULE DUNLOP TIRE CORPORATION LONG TERM MONITORING PLAN INACTIVE WASTE SITES 915018 A, B AND C

	Year Analytical Number of Sampling Events Per Year									
		Schedule	Upgra	adient	Downgradient					Sampling Season
101			A6	C1	В3	B4	A4	C5	C7	,
STRIFT 1894 12 Yeirz=1995	1	A	2	2	2	2	2	2	2	Spring/Fall
1= Y-chal=1995		В		-	2	2	2	2	2	Spring/Fall
-	4,5	В			1	1	1	1	1	Spring
VIII. 0 >	6-9	В			1	1			1	Spring
Yan 10 2004	10	В			1	1	1	I	1	Spring
Vanio -	05 [I-14 58	В			1	1			1	Spring
2004	. _{oq} 15	В			1	1	1	1	1	Spring
	00	В			1	1			1	Spring
	15 21-24	В			1	1	1	1	1	Spring
	18 25	В			1	1			1	Spring
	26-29	В			1 ,	1	1	I	1	Spring
Í.	1 _{2.5} 30	В			1 1	1		1 171	1	Spring
L	3					1	1	1	1	Spring

* Analytical Schedules

A - TCL Volatiles, TCL Semivolatiles, TAL Metals.

B - Volatiles: 2 Butanone (MEK), Benzene, 1,1 Dichloroethane, 1,2 Dichloroethene (total), 1,1,1 trichloroethane. Other compounds Semi Volatiles: Total Phase Is. Officers of the compounds.

Semi Volatiles: Total Phenols. Other compounds if detected at or above levels of concern in year I sampling.

Metals: Arsenic, Cadmium, Chromium, Lead. Other analytes if detected at or above levels of concern in year I sampling.

TABLE 3

LONG TERM MONITORING PLAN INACTIVE WASTE SITES 915018 A, B AND C DUNLOP TIRE CORPORATION GROUNDWATER ACTION LEVELS FOR DOWNGRADIENT WELLS

PARAMETER	TYPE	ARAR¹ VALUE (ppb)	OMW-B3 (ppb)	OMW-B4 ² (ppb)	OMW-C5 (ppb)	OMW-C7
2-Butanone (MEK)	VOC	50	50	50		(ppb)
Benzene	VOC	0.7	0.7	2	50	50
1,1-Dichloroethane	VOC	5		<u></u>	0.7	0.7
.1,2-Dichloroethene (Total)			5	5	5	5
	VOC	5	. 5	5	5	5
1,1,1-Trichloroethane	VOC	5	. 5	5		3
Arsenic	MET	25	25	25	5	5
Cadmium	MET	10			25	25
Chromium			10	28	16	10
	MET	50	50	178	66	50
Lead	MET	25	32	52		
Total Phenols	SEMI	1	1 .	1	- 50	25
OC = Volatile Organia C			. 1	1	1	. 1

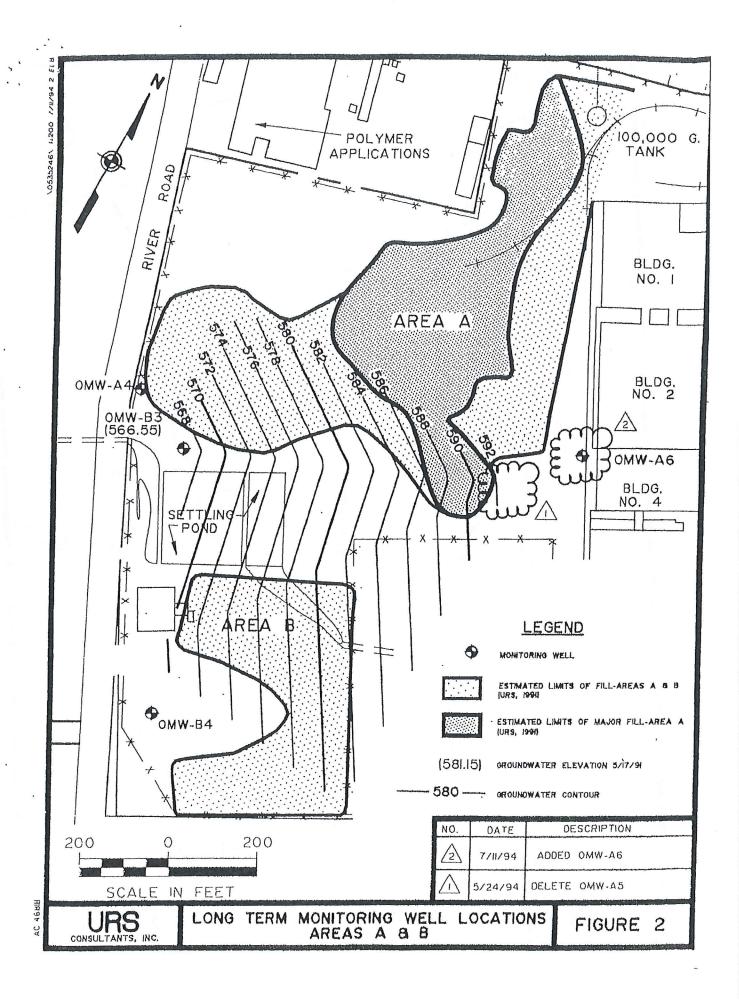
VOC = Volatile Organic Compounds

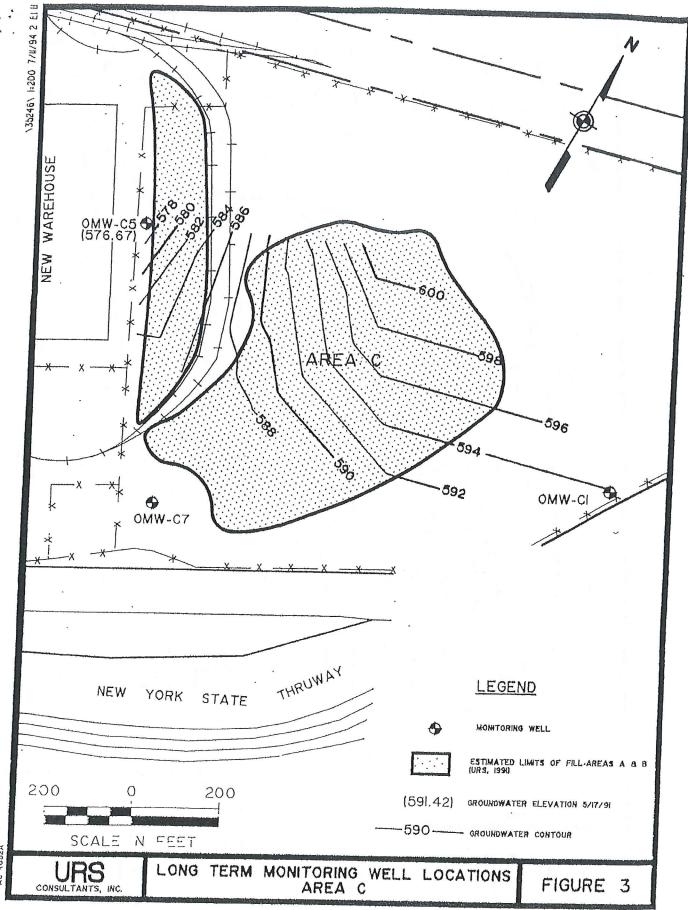
MET = Metals

SEMI = Semivolatile Organic Compound

NYSDEC Ambient Water Quality Standards and Guidance values, November 1991

Determined using existing data from OMW-B2





AC 4682A



ANALYTICAL REPORT

Lab Number:

L1721433

Client:

Sumitomo Rubber USA, LLC

PO BOX 1109

Buffalo, NY 14240

ATTN:

Mark Craft

Phone:

(716) 879-8497

Project Name:

WELL SAMPLING

Project Number:

Not Specified

Report Date:

07/06/17

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019 508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name:

WELL SAMPLING

Project Number:

Not Specified

Lab Number:

L1721433

Report Date:

07/06/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1721433-01	WELL B3	WATER	BUFFALO, NY	06/23/17 12:00	06/23/17
L1721433-02	WELL B4	WATER	BUFFALO, NY	06/23/17 11:30	06/23/17
L1721433-03	WELL C7	WATER	BUFFALO, NY	06/23/17 11:00	06/23/17
L1721433-04	TRIP BLANK	WATER	BUFFALO, NY	06/23/17 00:00	06/23/17

Project Name:

WELL SAMPLING

Project Number:

Not Specified

Lab Number:

L1721433

Report Date:

07/06/17

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.



Project Name: Project Number: WELL SAMPLING

Not Specified

Lab Number:

L1721433

Report Date:

07/06/17

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Please note that this report format does not contain typical QC parameters that were performed with these samples. As such, any QC outliers or non-conformances can only be reviewed by accessing your Alpha Customer Center account at www.alphalab.com and building a Data Usability table (format 11) in our Data Merger tool.

Sample Receipt

The analyses performed were specified by the client.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Amita Naik

Authorized Signature:

Title: Technical Director/Representative

Date: 07/06/17



VOLATILES



Project Name:

WELL SAMPLING

Lab Number:

L1721433

Project Number:

Not Specified

Report Date:

07/06/17

Lab ID:

L1721433-01

WELL B3

Date Collected: Date Received: 06/23/17 12:00

Client ID: Sample Location:

BUFFALO, NY

Field Prep:

06/23/17 Not Specified

Matrix:

Water

Analytical Method:

1,8260C

Analytical Date:

06/30/17 21:48

Analyst:

KD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - V	Vestborough Lab					
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Benzene	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1

Commo mode	0/ Pagazara	Acceptance	
Surrogate	% Recovery	Qualifier Criteria	
1,2-Dichloroethane-d4	115	70-130	
Toluene-d8	95	70-130	
4-Bromofluorobenzene	94	70-130	
Dibromofluoromethane	110	70-130	

Project Name:

WELL SAMPLING

Lab Number:

L1721433

Project Number:

Not Specified

Report Date:

07/06/17

Lab ID:

Date Collected:

L1721433-02

06/23/17 11:30

Client ID: Sample Location: WELL B4 BUFFALO, NY Date Received:

Field Prep:

06/23/17 Not Specified

Matrix:

Water

Analytical Method:

1,8260C

Analytical Date:

06/30/17 22:20

Analyst:

KD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - We	stborough Lab					
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Benzene	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
1,2-Dichloroethane-d4	116		70-130	
Toluene-d8	97		70-130	
4-Bromofluorobenzene	103		70-130	
Dibromofluoromethane	110		70-130	

WELL SAMPLING

Lab Number:

L1721433

Project Name: **Project Number:**

Not Specified

Report Date:

07/06/17

Lab ID:

L1721433-03

Sample Location:

BUFFALO, NY

Date Collected:

06/23/17 11:00

Client ID:

WELL C7

Date Received: Field Prep:

06/23/17 Not Specified

Matrix:

Water

Analytical Method:

1,8260C

Analytical Date:

06/30/17 22:51

Analyst:

KD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - V	Vestborough Lab						
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1	
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1	
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1	
Benzene	ND		ug/l	0.50	0.16	1	
2-Butanone	ND		ua/l	5.0	19	1	

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
1,2-Dichloroethane-d4	117		70-130	
Toluene-d8	97		70-130	
4-Bromofluorobenzene	102		70-130	
Dibromofluoromethane	109		70-130	

Project Name:

WELL SAMPLING

Lab Number:

L1721433

Project Number:

Not Specified

Report Date:

Date Collected:

07/06/17

Lab ID:

L1721433-04

Field Prep:

06/23/17 00:00

Not Specified

Client ID: Sample Location: TRIP BLANK BUFFALO, NY

06/23/17 Date Received:

Matrix:

Water

Analytical Method:

1,8260C

Analytical Date:

06/30/17 23:22

Analyst:

KD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - W	/estborough Lab					
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Benzene	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1

Surrogate	% Recovery	Acceptance Qualifier Criteria	
1,2-Dichloroethane-d4	115	70-130	
Toluene-d8	96	70-130	
4-Bromofluorobenzene	98	70-130	
Dibromofluoromethane	111	70-130	

METALS



Project Name:

WELL SAMPLING

Lab Number:

L1721433

Project Number:

Not Specified

Report Date:

07/06/17

Lab ID:

L1721433-01

Client ID:

WELL B3

Sample Location:

BUFFALO, NY

Matrix:

Water

Date Collected:

06/23/17 12:00

Date Received:

06/23/17

Field Prep: Not Specified

					Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Result	Qualifier	Units	RL	MDL	racioi	Перагеи	Analyzou	- Induited		Analyst
eld Lab										
0.02880		mg/l	0.00050	0.00016	1	06/30/17 11:00	07/03/17 18:36	EPA 3005A	1,6020A	ВМ
0.00017	J	mg/l	0.00020	0.00005	1	06/30/17 11:00	07/03/17 18:36	EPA 3005A	1,6020A	ВМ
0.00415		mg/l	0.00100	0.00017	1	06/30/17 11:00	07/03/17 18:36	EPA 3005A	1,6020A	ВМ
0.00140		mg/l	0.00100	0.00034	1	06/30/17 11:00	07/03/17 18:36	EPA 3005A	1,6020A	ВМ
ansfield L	_ab									
0.00094		mg/l	0.00050	0.00016	1	07/06/17 06:05	07/06/17 12:19	EPA 3005A	1,6020A	BV
ND		mg/l	0.00020	0.00005	1	07/06/17 06:05	07/06/17 12:19	EPA 3005A	1,6020A	BV
0.00033	J	mg/l	0.00100	0.00017	1	07/06/17 06:05	07/06/17 12:19	EPA 3005A	1,6020A	BV
ND		mg/l	0.00100	0.00034	1	07/06/17 06:05	07/06/17 12:19	EPA 3005A	1,6020A	BV
	eld Lab 0.02880 0.00017 0.00415 0.00140 ansfield L 0.00094 ND	eld Lab 0.02880 0.00017 J 0.00415 0.00140 ansfield Lab 0.00094 ND	eld Lab 0.02880 mg/l 0.00017 J mg/l 0.00415 mg/l 0.00140 mg/l ansfield Lab 0.00094 mg/l ND mg/l 0.00033 J mg/l	eld Lab 0.02880 mg/l 0.00050 0.00017 J mg/l 0.00020 0.00415 mg/l 0.00100 0.00140 mg/l 0.00100 ansfield Lab 0.00094 mg/l 0.00050 ND mg/l 0.00020 0.00033 J mg/l 0.00100	eld Lab 0.02880 mg/l 0.00050 0.00016 0.00017 J mg/l 0.00020 0.00005 0.00415 mg/l 0.00100 0.00017 0.00140 mg/l 0.00100 0.00034 ansfield Lab 0.00094 mg/l 0.00050 0.00016 ND mg/l 0.00020 0.00005 0.00033 J mg/l 0.00100 0.00017	eld Lab 0.02880 mg/l 0.00050 0.00016 1 0.00017 J mg/l 0.00020 0.00005 1 0.00415 mg/l 0.00100 0.00017 1 0.00140 mg/l 0.00100 0.00034 1 ansfield Lab 0.00094 mg/l 0.00050 0.00016 1 ND mg/l 0.00020 0.00005 1 0.00033 J mg/l 0.00100 0.00017 1	eld Lab 0.02880 mg/l 0.00050 0.00016 1 06/30/17 11:00 0.00017 J mg/l 0.00020 0.00005 1 06/30/17 11:00 0.00415 mg/l 0.00100 0.00017 1 06/30/17 11:00 0.00140 mg/l 0.00100 0.00034 1 06/30/17 11:00 ansfield Lab 0.00094 mg/l 0.00050 0.00016 1 07/06/17 06:05 ND mg/l 0.00020 0.00005 1 07/06/17 06:05 0.00033 J mg/l 0.00100 0.00017 1 07/06/17 06:05	eld Lab 0.02880 mg/l 0.00050 0.00016 1 06/30/17 11:00 07/03/17 18:36 0.00017 J mg/l 0.00020 0.00005 1 06/30/17 11:00 07/03/17 18:36 0.00415 mg/l 0.00100 0.00017 1 06/30/17 11:00 07/03/17 18:36 0.00140 mg/l 0.00100 0.00034 1 06/30/17 11:00 07/03/17 18:36 ansfield Lab 0.00094 mg/l 0.00050 0.00016 1 07/06/17 06:05 07/06/17 12:19 ND mg/l 0.00020 0.00005 1 07/06/17 06:05 07/06/17 12:19 0.00033 J mg/l 0.00100 0.00017 1 07/06/17 06:05 07/06/17 12:19	eld Lab 0.02880 mg/l 0.00050 0.00016 1 06/30/17 11:00 07/03/17 18:36 EPA 3005A 0.00017 J mg/l 0.00020 0.00005 1 06/30/17 11:00 07/03/17 18:36 EPA 3005A 0.00415 mg/l 0.00100 0.00017 1 06/30/17 11:00 07/03/17 18:36 EPA 3005A 0.00140 mg/l 0.00100 0.00034 1 06/30/17 11:00 07/03/17 18:36 EPA 3005A ansfield Lab 0.00094 mg/l 0.00050 0.00016 1 07/06/17 06:05 07/06/17 12:19 EPA 3005A ND mg/l 0.00020 0.00005 1 07/06/17 06:05 07/06/17 12:19 EPA 3005A 0.00033 J mg/l 0.00100 0.00017 1 07/06/17 06:05 07/06/17 12:19 EPA 3005A	eld Lab 0.02880 mg/l 0.00050 0.00016 1 06/30/17 11:00 07/03/17 18:36 EPA 3005A 1,6020A 0.00017 J mg/l 0.00020 0.00005 1 06/30/17 11:00 07/03/17 18:36 EPA 3005A 1,6020A 0.00415 mg/l 0.00100 0.00017 1 06/30/17 11:00 07/03/17 18:36 EPA 3005A 1,6020A 0.00140 mg/l 0.00100 0.00034 1 06/30/17 11:00 07/03/17 18:36 EPA 3005A 1,6020A ansfield Lab 0.00094 mg/l 0.00050 0.00016 1 07/06/17 06:05 07/06/17 12:19 EPA 3005A 1,6020A ND mg/l 0.00020 0.0005 1 07/06/17 06:05 07/06/17 12:19 EPA 3005A 1,6020A 0.00033 J mg/l 0.00100 0.00017 1 07/06/17 06:05 07/06/17 12:19 EPA 3005A 1,6020A

Project Name:

WELL SAMPLING

Lab Number:

L1721433

Project Number:

Not Specified

Report Date:

07/06/17

Lab ID:

L1721433-02

Client ID:

WELL B4

Sample Location:

BUFFALO, NY

Matrix:

Water

Date Collected:

06/23/17 11:30

Date Received:

06/23/17

E' LI D

00/23/17

Field Prep:

Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Ma	insfield Lab										
Arsenic, Total	0.00027	J	mg/l	0.00050	0.00016	1	06/30/17 11:00	0 07/03/17 18:39	EPA 3005A	1,6020A	ВМ
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/30/17 11:00	07/03/17 18:39	EPA 3005A	1,6020A	ВМ
Chromium, Total	0.00694		mg/l	0.00100	0.00017	1	06/30/17 11:00	07/03/17 18:39	EPA 3005A	1,6020A	ВМ
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/30/17 11:00	07/03/17 18:39	EPA 3005A	1,6020A	ВМ

Project Name:

WELL SAMPLING

Lab Number:

L1721433

Project Number:

Not Specified

Report Date:

07/06/17

Lab ID:

L1721433-03

SAMPLE RESULTS

Date Collected:

06/23/17 11:00

Client ID:

WELL C7

Date Received:

06/23/17

Sample Location:

BUFFALO, NY

Field Prep:

Not Specified

Matrix:

Water

Tricke in the											
Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Ma	nsfield Lab										
Arsenic, Total	0.00028	J	mg/l	0.00050	0.00016	1	06/30/17 11:0	0 07/03/17 18:42	EPA 3005A	1,6020A	ВМ
Cadmium, Total	0.00014	J	mg/l	0.00020	0.00005	1	06/30/17 11:0	0 07/03/17 18:42	EPA 3005A	1,6020A	ВМ
Chromium, Total	0.00655		mg/l	0.00100	0.00017	1	06/30/17 11:0	0 07/03/17 18:42	EPA 3005A	1,6020A	ВМ
Lead, Total	0.00047	J	mg/l	0.00100	0.00034	1	06/30/17 11:0	0 07/03/17 18:42	EPA 3005A	1,6020A	ВМ

INORGANICS & MISCELLANEOUS



Project Name:

WELL SAMPLING

Lab Number:

L1721433

Project Number:

Not Specified

Report Date:

07/06/17

SAMPLE RESULTS

Lab ID:

L1721433-01

Client ID:

WELL B3

Sample Location:

BUFFALO, NY

Matrix:

Water

Date Collected:

06/23/17 12:00

Date Received:

06/23/17

Field Prep:

Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westl	oorough Lab)								
Turbidity	88		NTU	0.80	0.24	4	=.	06/24/17 02:32	121,2130B	KA
Specific Conductance @ 25 C	1500		umhos/cm	10	10.	1	-	06/24/17 03:25	1,9050A	KA
Phenolics, Total	0.007	J	mg/l	0.030	0.004	1	06/28/17 11:37	06/28/17 14:57	4,420.1	AW



Project Name:

WELL SAMPLING

Lab Number:

L1721433

Project Number: Not Specified

Report Date:

07/06/17

SAMPLE RESULTS

Lab ID:

L1721433-02

Client ID:

WELL B4

Sample Location:

BUFFALO, NY

Matrix:

Water

Date Collected:

06/23/17 11:30

Date Received:

06/23/17

Field Prep:

Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westl	oorough Lab)								
Turbidity	2.6		NTU	0.20	0.06	1	-	06/24/17 02:32	121,2130B	KA
Specific Conductance @ 25 C	3000	ι	ımhos/cm	10	10.	1	-	06/24/17 03:25	1,9050A	KA
Phenolics, Total	0.005	J	mg/l	0.030	0.004	1	06/28/17 11:37	06/28/17 14:58	4,420.1	AW



Project Name:

WELL SAMPLING

Project Number: Not Specified

Lab Number:

L1721433

Report Date:

07/06/17

SAMPLE RESULTS

Lab ID:

L1721433-03

Client ID:

WELL C7

Sample Location:

BUFFALO, NY

Matrix:

Water

Date Collected:

06/23/17 11:00

Date Received:

06/23/17

Field Prep:

Not Specified

Parameter	Result	Qualifie	r Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westl	oorough Lab)								
Turbidity	8.8		NTU	0.20	0.06	1		06/24/17 02:32	121,2130B	KA
Specific Conductance @ 25 C	3600		umhos/cm	10	10.	1	-	06/24/17 03:25	1,9050A	KA
Phenolics, Total	0.005	J	mg/l	0.030	0.004	1	06/28/17 11:37	06/28/17 15:00	4,420.1	AW

Project Name: WELL SAMPLING
Project Number: Not Specified

Serial_No:07061718:37 *Lab Number:* L1721433

Report Date: 07/06/17

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler

Custody Seal

Α

Absent

Container Info	ormation		Initial	Final	Temp			Frozen	
Container ID	Container Type	Cooler	рН	pН	deg C	Pres	Seal	Date/Time	Analysis(*)
L1721433-01A	Vial HCl preserved	Α	NA		2.2	Υ	Absent		NYTCL-8260(14)
L1721433-01B	Vial HCI preserved	Α	NA		2.2	Υ	Absent		NYTCL-8260(14)
L1721433-01C	Vial HCl preserved	Α	NA		2.2	Υ	Absent		NYTCL-8260(14)
L1721433-01D	Plastic 250ml HNO3 preserved	Α	<2	<2	2.2	Υ	Absent		CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180)
L1721433-01E	Plastic 250ml unpreserved	Α	7	7	2.2	Υ	Absent		TURB-2130(2),COND-9050(28)
L1721433-01F	Plastic 250ml unpreserved	Α	7	7	2.2	Υ	Absent		4-
L1721433-01G	Amber 500ml H2SO4 preserved	Α	<2	<2	2.2	Υ	Absent		NY-TPHENOL-420(28)
L1721433-01X	Plastic 250ml HNO3 preserved Filtrates	А	N/A	N/A	2.2	Υ	Absent		CR-6020S(180),PB-6020S(180),AS-6020S(180),CD-6020S(180)
L1721433-02A	Vial HCl preserved	Α	NA		2.2	Υ	Absent		NYTCL-8260(14)
L1721433-02B	Vial HCl preserved	Α	NA		2.2	Υ	Absent		NYTCL-8260(14)
L1721433-02C	Vial HCl preserved	Α	NA		2.2	Υ	Absent		NYTCL-8260(14)
L1721433-02D	Plastic 250ml HNO3 preserved	Α	<2	<2	2.2	Υ	Absent		CR-6020T(180),PB-6020T(180),AS- 6020T(180),CD-6020T(180)
L1721433-02E	Plastic 250ml unpreserved	Α	7	7	2.2	Υ	Absent		TURB-2130(2),COND-9050(28)
L1721433-02F	Plastic 250ml unpreserved	Α	7	7	2.2	Υ	Absent		
L1721433-02G	Amber 500ml H2SO4 preserved	Α	<2	<2	2.2	Υ	Absent		NY-TPHENOL-420(28)
L1721433-02X	Plastic 250ml HNO3 preserved Filtrates	Α	N/A	N/A	2.2	Υ	Absent		HOLD-METAL-DISSOLVED(180)
L1721433-03A	Vial HCI preserved	Α	NA		2.2	Υ	Absent		NYTCL-8260(14)
L1721433-03B	Vial HCI preserved	Α	NA		2.2	Υ	Absent		NYTCL-8260(14)
L1721433-03C	Vial HCl preserved	Α	NA		2.2	Υ	Absent		NYTCL-8260(14)
L1721433-03D	Plastic 250ml HNO3 preserved	Α	<2	<2	2.2	Υ	Absent		CR-6020T(180),PB-6020T(180),AS- 6020T(180),CD-6020T(180)
L1721433-03E	Plastic 250ml unpreserved	Α	7	7	2.2	Υ	Absent		TURB-2130(2),COND-9050(28)
L1721433-03F	Plastic 250ml unpreserved	Α	7	7	2.2	Υ	Absent		





^{*}Values in parentheses indicate holding time in days

Lab Number: L1721433 WELL SAMPLING Report Date: 07/06/17 Project Number: Not Specified

Container Info	Initial		Temp			Frozen			
Container ID	Container Type	Cooler	рΗ	pН	deg C	Pres	Seal	Date/Time	Analysis(*)
L1721433-03G	Amber 500ml H2SO4 preserved	Α	<2	<2	2.2	Υ	Absent		NY-TPHENOL-420(28)
L1721433-03X	Plastic 250ml HNO3 preserved Filtrates	Α	N/A	N/A	2.2	Y	Absent		HOLD-METAL-DISSOLVED(180)
L1721433-04A	Vial HCI preserved	Α	NA		2.2	Υ	Absent		NYTCL-8260(14)
I 1721433-04B	Vial HCI preserved	Α	NA		2.2	Υ	Absent		NYTCL-8260(14)



Project Name:

Project Name:

WELL SAMPLING

Project Number:

Not Specified

Lab Number:

L1721433

Report Date:

07/06/17

GLOSSARY

Acronyms

EDL

- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA

- Environmental Protection Agency.

LCS

- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD

- Laboratory Control Sample Duplicate: Refer to LCS.

LFB

- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL

- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS

- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD

- Matrix Spike Sample Duplicate: Refer to MS.

NA

- Not Applicable.

NC

- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI

- Not Ignitable.

NP

- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL

- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD

- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM

- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP

- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TIC

- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1

- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Waterpreserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'. Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that В have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report - No QC w/'J' Qual



Project Name:

WELL SAMPLING

Lab Number:

L1721433

Project Number:

Not Specified

Report Date:

07/06/17

Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations
 of the analyte.
- E Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
- H The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- The lower value for the two columns has been reported due to obvious interference.
- M Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P The RPD between the results for the two columns exceeds the method-specified criteria.
- The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R Analytical results are from sample re-analysis.
- RE Analytical results are from sample re-extraction.
- S Analytical results are from modified screening analysis.
- Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report - No QC w/'J' Qual

Project Name:

WELL SAMPLING

Project Number: Not Specified

Lab Number:

L1721433

Report Date:

07/06/17

REFERENCES

- Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I IV, 2007.
- 4 Methods for Chemical Analysis of Water and Wastes. EPA 600/4-79-020. Revised March 1983.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc. Facility: Company-wide Department: Quality Assurance Title: Certificate/Approval Program Summary

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Page 1 of 1

ID No.:17873

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: lodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: lodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: lodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: lodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: lodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: lodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; 1,2,4,5-Tetramethylbenzene; 1,2,4,5-Tetramethylb

Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; EPA 353.2: Nitrate-N, Nitrite-N; SM4500NO3-F: Nitrate-N, Nitrite-N; SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B

EPA 332: Perchlorate; EPA 524.2: THMs and VOCs; EPA 504.1: EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, LACHAT 10-107-06-1-B: Ammonia-N, SM4500NO3-F, EPA 353.2: Nitrate-N, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan II, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), EPA 600/4-81-045: PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E.

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. EPA 200.8: Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. EPA 245.1 Hg.

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Albany, NY 12205: 14 Walker W Tonawanda, NY 14150: 275 Co Project Information Project Name: Project Location:	Vav			ge 1 of	De	ir liverab		6		ASF	P-B	ALPHA Job # L1721433 Billing Information Same as Client Info
Client Information	(OCCUPYED)	Project#						Oth		riie)		J ⊨Qu	IS (4 File)	PO# 4514252531
	(GOODYR-ISLE)	(Use Project name as Pr	roject#)				Reg	gulator	y Req	uireme	ent	FA ES		Disposal Site Information
Address: PO Box 11	109	Project Manager:	Mark Craft					NY	rogs			NYP	art 375	Please identify below location of
Buffalo, NY 14240		ALPHAQuote #:					7 [AW	Q Stand	dards		NYC	P-51	applicable disposal facilities.
Phone: 716-879-8	497	Turn-Around Time		77 WEST					Other		Disposal Facility:			
Fax: 716-879-8		Standard		Due Date	:	NY Unrestricted			cted Us				□ NJ □ NY	
Email: mcraft@su	umitomorubber-usa.com	Rush (only if pre approved)		# of Days	3:		1 =	NYC Sewer Discharge				Other:		
These samples have b							ANA	ANIALYOIG				Sample Filtration		
Other project specific							ျှ	T	T	T	T	1	ГТ	
Volatiles List: MEK, Be Please specify Metals ALPHA Lab ID	or TAL.	(Lab to filter dissolved m ane, and 1,1,1-trichloroeth	nane-	analyze if turi			(2175)- Site Specific	Total Phenols	Total Metals	*Dissolved Metals*	Specific Conductance	Turbidity		□ Done □ Lab to do Preservation □ Lab to do (Please Specify below) t
(Lab Use Only)	Sar	mple ID	Date Time		Sample Sampler's Matrix Initials		VOC			C. Sne	Spe	200		1
21433-01	Well B3		00/23/17	1200	-			_	-	-	-			Sample Specific Comments
62	Well B4		Madil		GW	AH	X	X	X	X	X	Х		7
ब्रु	Well C7			1130	GW	 	X	X	X	X	X	Х		7
	VVeil O7		*	1100	GW	1	Х	X	X	Х	X	X		7
04	Trip Blank				DI Water		x	-	-	-	-			
							_	1	 	 	-			2
							 	+	-	-	_			
							-	-			-	-		
							-	+-	-	-				
								-	_					
Preservative Code: A = None B = HCl	r - riasuc	Westboro: Certification No			Con	tainer Type								
_	A = Amber Glass V = Vial G = Glass	Mansfield: Certification No		Proconvetive		A	Р	Р	Р	Р		Please print clearly, legibly and completely. Samples can not be logged in and		
E = NaOH	B = Bacteria Cup	Preservative				eservative	B D C A			Α	AA			turnaround time clock will not
	C = Cube O = Other	Relinquished By: ATT Date/Time			Received By:				Date/Time			start until any ambiguities are		
$H = Na_2S_2O_3$	E = Encore D = BOD Bottle	fatrick) Hoger				Snulle Mate			#	6/24/1700,20			resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S
Form No: 01-25 (rev. 30-Se	pt-2013)								-	-				TERMS & CONDITIONS.



P1721433

275 Cooper Ave

Tonawanda, NY 14150

716-427-5225

alphalab.com

Groundwater Monitoring Information Sheet

Site Name: Sumitomo - Dunlop Tire

	Sampli	ng Date: \uge 06/22/1	7
	Monitoring	Well ID: B-3	,
	Sampli	ng Date: 06/23/17	
	Well	Structure Data	
Evacuation Date: _	06/23/17	Water Elevation:	2.2.2.2
Top of Inner Casing Elevation:		Bottom of Well:	17.1
Monitoring Well Diameter: _	2511	Volume of Standing Water:	0.8639
Water Level: _	11-8	Volume of Evacuated Water:	2 gallows
Appearance/Observation:_	some Clou	cliness	
	Well Fiel	d Parameter Data	
pH - Standard Units:		Specific Conductance:	
Temperature - deg C/deg F_	12.5	- Turbidity: _	
		% Recharge: _	520/0
	NA: V		
	IVIISC. V	Vell Information	
Was Well Locked?_	yes.	Physical Condition of Well:	rest en Enidne
Was Well ID Easily Visible?_	Jes.	Solids Content: _	Visselle Colory
Weather on Sampling Day_	overeast/dress	Purging Method:_	Morwal Belle
; * · · · · _, _	atuch /	Hagerty	06/23 /17 Date



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Groundwater Monitoring Information Sheet

Site Name: Sumitomo - Dunlop Tire

Sampling Date: Lunge 6/22/7

	Monitoring Well ID: B-4								
	Sampling Date: <u>(a</u> (23)17								
Well Structure Data									
Evacuation Date:	4/22/17	Water Elevation: _	or catelling						
Top of Inner Casing Elevation:		Bottom of Well: _	22.3						
Monitoring Well Diameter:	Q.5"	Volume of Standing Water: _	2.6895 gallows.						
	6.8	Volume of Standing Water: Volume of Evacuated Water: _	7.5 gallons						
Appearance/Observation:	Clear								
	Wall Fiel	d Parameter Data							
	vveli Flei	u Parameter Data							
pH - Standard Units: _	7.23	Specific Conductance: _							
Temperature - deg C/deg F_	11-9	Turbidity: _	2 1 2 1 de 1 2 e 1						
		% Recharge: _	57						
	Misc V	Vell Information							
	1								
Was Well Locked?_ Was Well ID Easily Visible?_	Jes.	Physical Condition of Well: _	good						
Was Well ID Easily Visible?_	ys-	Solids Content: _	NA						
Weather on Sampling Day_	overalf drift	Purging Method: _	mausl Sula						
_	Technician	Skaguly	06/23 /v/ Date						



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Tonawanda, NY 14150

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Groundwater Monitoring Information Sheet

Si	Site Name: Sumitomo - Dunlop Tire									
	Sampling Date: Dung. 06/32/17									
Wonton	Monitoring Well ID:									
Sam	Sampling Date: 06/23/17									
	Well Structure Data									
Evacuation Date: 06/83/17	Water Elevation:									
Top of Inner Casing Elevation:	Bottom of Well: 23.3									
Monitoring Well Diameter:	Volume of Standing Water: 1:82 6 gallons									
Water Level: 12.1	Volume of Standing Water: 1:82 \(\)									
Appearance/Observation:										
Well F	rield Parameter Data									
pH - Standard Units: 7.16	Specific Conductance:									
Temperature - deg C/deg F13.5	Turbidity:									
	% Recharge: <u>65</u>									
Misc	c. Well Information									
Was Well Locked?	Physical Condition of Well:									
Was Well ID Easily Visible?	Solids Content:									
Weather on Sampling Day Our Cost	hisle Purging Method: <u>Manual builes</u>									

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RE: Annual Landfill Well Sampling Results

Sadowski, Brian (DEC) [brian.sadowski@dec.ny.gov]

Sent: Monday, July 10, 2017 11:13 AM

To: Bucior, Christa

mkaczynski@sumitomorubber-usa.com; mcraft@sumitomorubber-usa.com; May, Glenn (DEC) [glenn.may@dec.ny.gov]

Christa,

Glenn and I did a quick review of our historical tables. 28.8 ppb is better than what it's been in previous years and only 3.8 ppb over the standard of 25 ppb. Redeveloping and resampling isn't necessary. We accept the current result.

Brian

From: Bucior, Christa [mailto:Christa.Bucior@ghd.com]

Sent: Monday, July 10, 2017 10:50 AM

To: Sadowski, Brian (DEC) <bri>sadowski@dec.ny.gov>

Cc: mkaczynski@sumitomorubber-usa.com; mcraft@sumitomorubber-usa.com

Subject: Annual Landfill Well Sampling Results

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Brian,

I just reviewed the results from our annual Landfill Well Sampling, and it looks like we exceeded arsenic in well OMW-B3 again this year. Our action level is 25 ppb and the results show 28.8 ppb. All other parameters are within limits and the other wells sampled did not exceed any of the limits. Attached is a copy of the analytical results for your review along with a table that shows our action levels for each well.

If you remember from last year we exceeded arsenic in this well and we were instructed to resample. After that sampling we still exceeded for arsenic, so we redeveloped the well and sampled again. After that the arsenic was below criteria.

How would you like us to proceed?

Thanks!

Christa Bucior Environmental Scientist

GHD

T: +1 716 297 6150 | E: christa.bucior@ghd.com 2055 Niagara Falls Boulevard Niagara Falls New York 14304 USA | www.qhd.com WATER | ENERGY & RESOURCES | ENVIRONMENT | PROPERTY & BUILDINGS | TRANSPORTATION

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This e-mail has been scanned for viruses

GOODYEAR DUNLOP TIRES, NORTH AMERICA LTD. LANDFILL CONDITION - SEMI-ANNUAL INSPECTION REPORT

Site No.:	915018 A, B & C				Name of Inspector:	Kailin Schwan		
Date of Inspection:	11/4/2016	:						
	Topsoil Erosion Occurring?	Clay Cap Erosion Occurring?	Ditches Free of Obstruction?	Grass Cover Adequate?	Paved Areas Intact?	Note Any Damage.		
AREA "B"	-			Î				
Southern Area	N	N	Υ	Υ				
Northern Area	N	N	Y	Y				
River Road Ditch	N	N	<u> </u>	Y				
BORROW PIT AREA "A"								
Central Area	N	N	Υ	Υ				
Northeast Area	N .	N	Y	Α.				
AREA "C"								
Outlying Area	N	N	Υ	Υ				
Major Area	N	N	Y	Y	_			
Ditch at Toe of Slope	N	N	Y	Y				
Sheridan Drive Ditch	N	N	Y	Y				
Stockpile Area	N	N	Υ	Y				
Warehouse Ditch	N	N	Y	Υ				
Paved Areas								
Parking Lot					Y	Very minor amounts of trash		
Driveway					Y	along driveways.		
WEATHER CONDITIONS:			Describe Any Correctiv	ve Action Required:				
Temperature	47 ∘F		,			,,		
Wind Direction	NW							
Wind Speed	9 mph		Very minor am	nounts of garbage in	ditches and around ro	padway areas of Area C.		
Precipitation Amount	0 inches			<u> </u>				
Sky Conditions	Sunny with few clouds	;	Describe Any Corrective Action Taken:					
Inches of Snow Cover								
4								
		ge during Spring clea	ning,					

File 7.4

GOODYEAR DUNLOP TIRES, NORTH AMERICA LTD. LANDFILL CONDITION - SEMI-ANNUAL INSPECTION REPORT

Site No.:	915018 A, B & C		*		Name of Inspector	M. Craft
Date of Inspection:	4/24/17					w/B, Sodowski (DEC)
	Topsoil Erosion Occurring?	Clay Cap Erosion Occurring?	Ditches Free of Obstruction?	Grass Cover Adequate?	Paved Areas Intact?	Note Any Damage.
AREA "B"	Č	•		*		
Southeast Area	\mathcal{N}	\sim	Y	Y	Y	
Southern Area	N	₽	Ÿ	Y	MA	N =
Northern Area	N	N	Y	Y	MA	<i>N</i> =
River Road Ditch	\sim	As	Y		Ma	N =
BORROW PIT 🦸						
AREA "A"						
Central Area	N	N	MA	. Y	_ MfA	N -
Northeast Area	N	\sim	\sim		Y	- MINOR SURFACE CRACKING
AREA "C"						- MINOR TRASH IN DITCH *
Outlying Area	ρ	N	Y	Y		
Major Area	N	N	Y	Ÿ		
Ditch at Toe of Slope	N	· ·	Y	Y		
Sheridan Drive Ditch	JU.	N	<u> </u>	Y		
Stockpile Area	N	N	Y	Y		
Warehouse Ditch	N	N	ν	Y		- MINOR TRASH IN DITCH *
Paved Areas						
Parking Lot		Secretary of the second			Y	MINOR SURFACE CRACKING
Driveway					Y	te of co
WEATHER CONDITI	ONS:		Describe Any Correcti	ve Action Required:		
Temperature	60° F		* TRASH CLEA	N-UP DISCUSSED	W DIVERSIFIE	D ON 425/17, OUTDOOR
Wind Direction	~/	-		E DONE WIN T		
Wind Speed	10-15	_				
Precipitation Amount		_	<u></u>	Accessory of the control of the cont		
Sky Conditions	CLEAR	_	Describe Any Correcti	ve Action Taken:		
Inches of Snow Cove		 -				
THE PARTY STATE STATE STATE AND STAT		_				