

From: Ryan Suennen <ryan.suennen@jci.com>
Sent: Thursday, July 19, 2018 3:13 PM
To: Neal, Conor
Cc: Carey, Angela J - DNR; Killian, James - DNR; Jeff Danko; Richard L. Mator; Joseph Janeczek
Subject: RE: Tyco Quarterly Progress Report
Attachments: Quarterly River Sampling results.pdf; J145333-1 UDS Level 2 Report Final Report.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Instructional

Hi Conor,

Yes, the last river sampling event was completed early in this past quarter as well, sorry for that error, attached are those results as well as a tabulated reference showing all results from the past year of quarterly sampling.

Unfortunately due to sub-contractor unavailability, the catch basin repair work will slip into this quarter. Our contractor has found another sub, and we are hoping to complete the slurry work on these catch basins in approx. 2 weeks.

Thanks,

Ryan Suennen
EHS Specialist
Johnson Controls

715-735-7415 Option 1, ext 84025 direct
715-587-6670 cell
Ryan.Suennen@jci.com
www.johnsoncontrols.com

Tyco Fire Products
One Stanton St.
Marinette, WI 54143
USA

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From: Neal, Conor [<mailto:Neal.Conor@epa.gov>]
Sent: Wednesday, July 18, 2018 11:29 AM
To: Ryan Suennen <ryan.suennen@jci.com>

Cc: Angela Carey <angela.carey@wisconsin.gov>; 'JAMES.KILLIAN@WISCONSIN.GOV' <JAMES.KILLIAN@WISCONSIN.GOV>; Jeff Danko <jeff.danko-ext@jci.com>; Richard L. Mator <richard.mator@jci.com>; Joseph Janeczek <joseph.janeczek@jci.com>
Subject: RE: Tyco Quarterly Progress Report

Ryan,

Thank you for providing the second quarter progress report.

According to the first quarter progress report submitted on April 16, 2018, Tyco anticipated, among other things, implementing the remaining storm water management and storm sewer improvements, and collect the final quarterly river water samples.

Can you confirm that the river water samples were collected? If so, can you provide me with the data?

Also, can you describe the storm water management and sewer improvement work that was completed during the second quarter? Or was that delayed to this reporting period? Is that the sealing of 3 catch basins and comprehensive sampling planned for the next reporting period?

Thank you,
Conor
312-886-7193

From: Ryan Suennen [<mailto:ryan.suennen@jci.com>]
Sent: Monday, July 16, 2018 9:48 PM
To: Neal, Conor <Neal.Conor@epa.gov>
Cc: Angela Carey <angela.carey@wisconsin.gov>; 'JAMES.KILLIAN@WISCONSIN.GOV' <JAMES.KILLIAN@WISCONSIN.GOV>; Jeff Danko <jeff.danko-ext@jci.com>; Richard L. Mator <richard.mator@jci.com>; Joseph Janeczek <joseph.janeczek@jci.com>
Subject: Tyco Quarterly Progress Report

Dear Mr. Neal:

Section VI, 21, b (Page 10) of the Administrative Order on Consent (AOC), dated February 26, 2009, requires Tyco Fire Products LP (Tyco) to submit quarterly progress reports to the U.S. Environmental Protection Agency (USEPA) Region 5 and the Wisconsin Department of Natural Resources (WDNR). The reports are required to document activities conducted as part of the Resource Conservation and Recovery Act (RCRA) Corrective Actions at the Tyco facility in Marinette, Wisconsin. The attached report covers the period from April 1, 2018 through June 30, 2018, and presents a brief description of the work completed to date, data collected, problems encountered, and schedule of activities as required by the February 2009 AOC.

Please let me know if you have any questions, comments, or concerns,

Thanks,

Ryan Suennen
EHS Specialist

Johnson Controls

715-735-7415 Option 1, ext 84025 direct

715-587-6670 cell

Ryan.Suennen@jci.com

www.johnsoncontrols.com

Tyco Fire Products

One Stanton St.

Marinette, WI 54143

USA

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-145333-1
Client Project/Site: Surface Water Sampling

For:
Tyco Fire Protection Products
1 Stanton St
Marinette, Wisconsin 54143

Attn: Mr. Ryan Suennen

Jodie Bracken

Authorized for release by:
5/15/2018 2:01:54 PM

Jodie Bracken, Project Management Assistant II
jodie.bracken@testamericainc.com

Designee for

Richard Wright, Senior Project Manager
(708)534-5200
richard.wright@testamericainc.com

LINKS

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results through
TotalAccess

Have a Question?



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www.testamericainc.com

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

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

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	4
Method Summary	5
Sample Summary	6
Client Sample Results	7
Definitions	14
QC Association	15
QC Sample Results	16
Chronicle	17
Certification Summary	19
Chain of Custody	20
Receipt Checklists	21

Case Narrative

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Job ID: 500-145333-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-145333-1

Comments

No additional comments.

Receipt

The samples were received on 5/11/2018 9:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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- 2
- 3
- 4
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- 6
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- 9
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- 11
- 12
- 13
- 14

Detection Summary

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Client Sample ID: SW-01

Lab Sample ID: 500-145333-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00075	J	0.0010	0.00015	mg/L	1		200.8	Total/NA

Client Sample ID: SW-02

Lab Sample ID: 500-145333-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00081	J	0.0010	0.00015	mg/L	1		200.8	Total/NA

Client Sample ID: SW-03

Lab Sample ID: 500-145333-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0010		0.0010	0.00015	mg/L	1		200.8	Total/NA

Client Sample ID: SW-04

Lab Sample ID: 500-145333-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00095	J	0.0010	0.00015	mg/L	1		200.8	Total/NA

Client Sample ID: SW-04/D

Lab Sample ID: 500-145333-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00098	J	0.0010	0.00015	mg/L	1		200.8	Total/NA

Client Sample ID: DWME

Lab Sample ID: 500-145333-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00071	J	0.0010	0.00015	mg/L	1		200.8	Total/NA

Client Sample ID: DWMR

Lab Sample ID: 500-145333-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00077	J	0.0010	0.00015	mg/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Method Summary

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	TAL CHI
200.8	Preparation, Total Metals	EPA	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

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Sample Summary

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-145333-1	SW-01	Water	05/10/18 11:46	05/11/18 09:10
500-145333-2	SW-02	Water	05/10/18 11:55	05/11/18 09:10
500-145333-3	SW-03	Water	05/10/18 11:58	05/11/18 09:10
500-145333-4	SW-04	Water	05/10/18 12:02	05/11/18 09:10
500-145333-5	SW-04/D	Water	05/10/18 12:02	05/11/18 09:10
500-145333-6	DWME	Water	05/10/18 14:16	05/11/18 09:10
500-145333-7	DWMR	Water	05/10/18 14:30	05/11/18 09:10

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Client Sample Results

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Client Sample ID: SW-01

Date Collected: 05/10/18 11:46

Date Received: 05/11/18 09:10

Lab Sample ID: 500-145333-1

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00075	J	0.0010	0.00015	mg/L		05/14/18 08:31	05/14/18 17:03	1

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Client Sample Results

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Client Sample ID: SW-02

Date Collected: 05/10/18 11:55

Date Received: 05/11/18 09:10

Lab Sample ID: 500-145333-2

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00081	J	0.0010	0.00015	mg/L		05/14/18 08:31	05/14/18 17:28	1

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Client Sample Results

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Client Sample ID: SW-03

Date Collected: 05/10/18 11:58

Date Received: 05/11/18 09:10

Lab Sample ID: 500-145333-3

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0010		0.0010	0.00015	mg/L		05/14/18 08:31	05/14/18 17:31	1

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Client Sample Results

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Client Sample ID: SW-04

Date Collected: 05/10/18 12:02

Date Received: 05/11/18 09:10

Lab Sample ID: 500-145333-4

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00095	J	0.0010	0.00015	mg/L		05/14/18 08:31	05/14/18 17:34	1

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Client Sample Results

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Client Sample ID: SW-04/D

Date Collected: 05/10/18 12:02

Date Received: 05/11/18 09:10

Lab Sample ID: 500-145333-5

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00098	J	0.0010	0.00015	mg/L		05/14/18 08:31	05/14/18 17:38	1

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- 14

Client Sample Results

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Client Sample ID: DWME

Date Collected: 05/10/18 14:16

Date Received: 05/11/18 09:10

Lab Sample ID: 500-145333-6

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00071	J	0.0010	0.00015	mg/L		05/14/18 08:31	05/14/18 17:41	1

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- 12
- 13
- 14

Client Sample Results

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Client Sample ID: DWMR
Date Collected: 05/10/18 14:30
Date Received: 05/11/18 09:10

Lab Sample ID: 500-145333-7
Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00077	J	0.0010	0.00015	mg/L		05/14/18 08:31	05/14/18 17:45	1

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- 12
- 13
- 14

Definitions/Glossary

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

QC Association Summary

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Metals

Prep Batch: 432079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-145333-1	SW-01	Total/NA	Water	200.8	
500-145333-2	SW-02	Total/NA	Water	200.8	
500-145333-3	SW-03	Total/NA	Water	200.8	
500-145333-4	SW-04	Total/NA	Water	200.8	
500-145333-5	SW-04/D	Total/NA	Water	200.8	
500-145333-6	DWME	Total/NA	Water	200.8	
500-145333-7	DWMR	Total/NA	Water	200.8	
MB 500-432079/1-A	Method Blank	Total/NA	Water	200.8	
LCS 500-432079/2-A	Lab Control Sample	Total/NA	Water	200.8	
500-145333-1 MS	SW-01	Total/NA	Water	200.8	
500-145333-1 MSD	SW-01	Total/NA	Water	200.8	
500-145333-1 DU	SW-01	Total/NA	Water	200.8	

Analysis Batch: 432289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-145333-1	SW-01	Total/NA	Water	200.8	432079
500-145333-2	SW-02	Total/NA	Water	200.8	432079
500-145333-3	SW-03	Total/NA	Water	200.8	432079
500-145333-4	SW-04	Total/NA	Water	200.8	432079
500-145333-5	SW-04/D	Total/NA	Water	200.8	432079
500-145333-6	DWME	Total/NA	Water	200.8	432079
500-145333-7	DWMR	Total/NA	Water	200.8	432079
MB 500-432079/1-A	Method Blank	Total/NA	Water	200.8	432079
LCS 500-432079/2-A	Lab Control Sample	Total/NA	Water	200.8	432079
500-145333-1 MS	SW-01	Total/NA	Water	200.8	432079
500-145333-1 MSD	SW-01	Total/NA	Water	200.8	432079
500-145333-1 DU	SW-01	Total/NA	Water	200.8	432079

QC Sample Results

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 500-432079/1-A
Matrix: Water
Analysis Batch: 432289

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432079

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00015		0.0010	0.00015	mg/L		05/14/18 08:31	05/14/18 16:56	1

Lab Sample ID: LCS 500-432079/2-A
Matrix: Water
Analysis Batch: 432289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432079

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	0.100	0.0962		mg/L		96	85 - 115

Lab Sample ID: 500-145333-1 MS
Matrix: Water
Analysis Batch: 432289

Client Sample ID: SW-01
Prep Type: Total/NA
Prep Batch: 432079

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	0.00075	J	0.100	0.0979		mg/L		97	70 - 130

Lab Sample ID: 500-145333-1 MSD
Matrix: Water
Analysis Batch: 432289

Client Sample ID: SW-01
Prep Type: Total/NA
Prep Batch: 432079

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	0.00075	J	0.100	0.0991		mg/L		98	70 - 130	1	20

Lab Sample ID: 500-145333-1 DU
Matrix: Water
Analysis Batch: 432289

Client Sample ID: SW-01
Prep Type: Total/NA
Prep Batch: 432079

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Arsenic	0.00075	J	0.000746	J	mg/L		0.8	20

Lab Chronicle

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Client Sample ID: SW-01

Date Collected: 05/10/18 11:46

Date Received: 05/11/18 09:10

Lab Sample ID: 500-145333-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			432079	05/14/18 08:31	SAH	TAL CHI
Total/NA	Analysis	200.8		1	432289	05/14/18 17:03	FXG	TAL CHI

Client Sample ID: SW-02

Date Collected: 05/10/18 11:55

Date Received: 05/11/18 09:10

Lab Sample ID: 500-145333-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			432079	05/14/18 08:31	SAH	TAL CHI
Total/NA	Analysis	200.8		1	432289	05/14/18 17:28	FXG	TAL CHI

Client Sample ID: SW-03

Date Collected: 05/10/18 11:58

Date Received: 05/11/18 09:10

Lab Sample ID: 500-145333-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			432079	05/14/18 08:31	SAH	TAL CHI
Total/NA	Analysis	200.8		1	432289	05/14/18 17:31	FXG	TAL CHI

Client Sample ID: SW-04

Date Collected: 05/10/18 12:02

Date Received: 05/11/18 09:10

Lab Sample ID: 500-145333-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			432079	05/14/18 08:31	SAH	TAL CHI
Total/NA	Analysis	200.8		1	432289	05/14/18 17:34	FXG	TAL CHI

Client Sample ID: SW-04/D

Date Collected: 05/10/18 12:02

Date Received: 05/11/18 09:10

Lab Sample ID: 500-145333-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			432079	05/14/18 08:31	SAH	TAL CHI
Total/NA	Analysis	200.8		1	432289	05/14/18 17:38	FXG	TAL CHI

Client Sample ID: DWME

Date Collected: 05/10/18 14:16

Date Received: 05/11/18 09:10

Lab Sample ID: 500-145333-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			432079	05/14/18 08:31	SAH	TAL CHI
Total/NA	Analysis	200.8		1	432289	05/14/18 17:41	FXG	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Client Sample ID: DWMR

Date Collected: 05/10/18 14:30

Date Received: 05/11/18 09:10

Lab Sample ID: 500-145333-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			432079	05/14/18 08:31	SAH	TAL CHI
Total/NA	Analysis	200.8		1	432289	05/14/18 17:45	FXG	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

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- 4
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- 10
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- 12
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- 14

Accreditation/Certification Summary

Client: Tyco Fire Protection Products
Project/Site: Surface Water Sampling

TestAmerica Job ID: 500-145333-1

Laboratory: TestAmerica Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Wisconsin	State Program	5	999580010	08-31-18

The following analytes are included in this report, but are not accredited/certified under this accreditation/certification:

Analysis Method	Prep Method	Matrix	Analyte
200.8	200.8	Water	Arsenic

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- 9
- 10
- 11
- 12
- 13
- 14

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional)
Contact: _____
Company: _____
Address: _____
Address: _____
Phone: _____
Fax: _____
E-Mail: _____

Bill To (optional)
Contact: _____
Company: _____
Address: _____
Address: _____
Phone: _____
Fax: _____
PO#/Reference# _____



Chain of Custody Record

Lab Job #: 500-145333

Chain of Custody Number: _____

Page _____ of _____

Temperature °C of Cooler: Unchilled

Client		Client Project #		Preservative		Parameter		Total As		ICP		Preservative Key	
<u>Tyco Fire Products</u>				<u>3</u>				<u>Total As</u>		<u>ICP</u>		1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other	
Project Name		Lab Project #		Date		Time		# of Containers		Matrix		Comments	
<u>Surface Water Sampling</u>													
Project Location/State		Lab PM		Date		Time		# of Containers		Matrix		Comments	
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix							
1	X	SW-01	5/10/18	1146	3	W	X						5 day TAT
2		SW-02	5/10/18	1155	1	W	X						
3		SW-03	5/10/18	1158	1	W	X						
4		SW-04	5/10/18	1202	1	W	X						
5		SW-04/D	5/10/18	1202	1	W	X						
6		DWME	5/10/18	1416	1	W	X						
7		DWMR	5/10/18	1730	1	W	X						

Turnaround Time Required (Business Days)

___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days ___ Other

Sample Disposal

Return to Client Disposal by Lab Archive for 6 Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By <u>[Signature]</u>	Company <u>Tyco</u>	Date <u>5/10/18</u>	Time <u>1444</u>	Received By <u>[Signature]</u>	Company <u>TA</u>	Date <u>05/11/18</u>	Time <u>0910</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier: _____
Shipped:
Hand Delivered: _____

Matrix Key

WW - Wastewater SE - Sediment
W - Water SO - Soil
S - Soil L - Leachate
SL - Sludge WI - Wipe
MS - Miscellaneous DW - Drinking Water
OL - Oil O - Other
A - Air

Client Comments

Lab Comments:

Login Sample Receipt Checklist

Client: Tyco Fire Protection Products

Job Number: 500-145333-1

Login Number: 145333

List Source: TestAmerica Chicago

List Number: 1

Creator: Kelsey, Shawn M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Sample Location	September-17	June-17	November-17	May-18
Upstream 1	0.00083	0.0011	0.00092	0.00075
Downstream 2	0.0011	0.0012	0.00092	0.00081
Downstream 2 Duplicate	0.0011	N/A	0.00094	N/A
Downstream 3	0.0011	0.0012	0.001	0.0011
Downstream 3 Duplicate	N/A	0.0011	N/A	N/A
Downstream 4	0.00093	0.0012	0.001	0.00095
Downstream 4 Duplicate	N/A	N/A	N/A	0.00098
Marinette City Intake (Green Bay)	0.0011	0.00077	0.00083	0.00077
Menominee City Intake (Green Bay)	0.0011	0.0012	0.001	0.00071
Field Blank	N/A	0.00015	N/A	N/A
Results in mg/L				