



**First
Environmental
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

July 18, 2016

Mr. Roger Genschoreck
WIGHT & COMPANY
2500 N. Frontage Rd.
Darien, IL 60561

Project ID: MURPHY PO# 05-3600-26
First Environmental File ID: 16-3875
Date Received: July 14, 2016

Dear Mr. Roger Genschoreck:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003811: effective 02/17/2016 through 02/28/2017.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Lorrie Walker
Project Manager



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Case Narrative

WIGHT & COMPANY

Lab File ID: **16-3875**

Project ID: **MURPHY PO# 05-3600-26**

Date Received: **July 14, 2016**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

Laboratory Sample ID	Client Sample Identifier	Date/Time Collected
16-3875-001	M-MA METER	7/14/2016
16-3875-002	M-MB METER	7/14/2016
16-3875-003	M-1A FOUNTAIN	7/14/2016
16-3875-004	M-1B FOUNTAIN	7/14/2016
16-3875-005	M-2A ROOM 118	7/14/2016
16-3875-006	M-2B ROOM 118	7/14/2016
16-3875-007	M-3A FOUNTAIN	7/14/2016
16-3875-008	M-3B FOUNTAIN	7/14/2016
16-3875-009	M-4A FOUNTAIN	7/14/2016
16-3875-010	M-4B FOUNTAIN	7/14/2016
16-3875-011	M-5A FOUNTAIN	7/14/2016
16-3875-012	M-5B FOUNTAIN	7/14/2016
16-3875-013	M-6A FOUNTAIN	7/14/2016
16-3875-014	M-6B FOUNTAIN	7/14/2016
16-3875-015	M-7A FOUNTAIN	7/14/2016
16-3875-016	M-7B FOUNTAIN	7/14/2016
16-3875-017	M-8A ROOM 106	7/14/2016
16-3875-018	M-8B ROOM 106	7/14/2016
16-3875-019	M-9A FOUNTAIN	7/14/2016
16-3875-020	M-9B FOUNTAIN	7/14/2016

Sample Batch Comments:

Time of sample collection was not provided.



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Case Narrative

WIGHT & COMPANY

Lab File ID: **16-3875**

Project ID: **MURPHY PO# 05-3600-26**

Date Received: **July 14, 2016**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Method Comments

Lab Number	Sample ID	Comments:
16-3875-001	M-MA METER	<i>Total Metals</i> Positive Pb result confirmed by duplicate analysis.

The following is a definition of flags that may be used in this report:

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L	LCS recovery outside control limits.
C	Sample received in an improper container for this test.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	P	Chemical preservation pH adjusted in lab.
E	Estimated result; concentration exceeds calibration range.	Q	Result was determined by a GC/MS database search.
G	Surrogate recovery outside control limits.	S	Analysis was subcontracted to another laboratory.
H	Analysis or extraction holding time exceeded.	W	Reporting limit elevated due to sample matrix.
J	Estimated result; concentration is less than routine RL but greater than MDL.	N	Analyte is not part of our NELAC accreditation or accreditation may not be available for this parameter.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.



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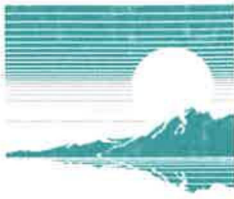
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: WIGHT & COMPANY
Project ID: MURPHY PO# 05-3600-26

Date Received: 07/14/16
Date Reported: 07/18/16

Lab No:	Sample ID:	Analyte	Result	R.L.	Units	Flags
Total Metals		Method: 200.7R4.4	Preparation Method 200.7W			
16-3875-001	M-MA METER	Date Collected: 07/14/16	Time Collected:			
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
	Lead		0.011	0.005	mg/L	
16-3875-002	M-MB METER	Date Collected: 07/14/16	Time Collected:			
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
	Lead		< 0.005	0.005	mg/L	
16-3875-003	M-1A FOUNTAIN	Date Collected: 07/14/16	Time Collected:			
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
	Lead		< 0.005	0.005	mg/L	
16-3875-004	M-1B FOUNTAIN	Date Collected: 07/14/16	Time Collected:			
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
	Lead		< 0.005	0.005	mg/L	
16-3875-005	M-2A ROOM 118	Date Collected: 07/14/16	Time Collected:			
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
	Lead		< 0.005	0.005	mg/L	
16-3875-006	M-2B ROOM 118	Date Collected: 07/14/16	Time Collected:			
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
	Lead		< 0.005	0.005	mg/L	
16-3875-007	M-3A FOUNTAIN	Date Collected: 07/14/16	Time Collected:			
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
	Lead		< 0.005	0.005	mg/L	
16-3875-008	M-3B FOUNTAIN	Date Collected: 07/14/16	Time Collected:			
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
	Lead		< 0.005	0.005	mg/L	
16-3875-009	M-4A FOUNTAIN	Date Collected: 07/14/16	Time Collected:			
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
	Lead		< 0.005	0.005	mg/L	
16-3875-010	M-4B FOUNTAIN	Date Collected: 07/14/16	Time Collected:			
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
	Lead		< 0.005	0.005	mg/L	



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Analytical Report

Client: WIGHT & COMPANY
Project ID: MURPHY PO# 05-3600-26

Date Received: 07/14/16
Date Reported: 07/18/16

Lab No:	Sample ID:	Analyte	Result	R.L.	Units	Flags
16-3875-011	M-5A FOUNTAIN		Date Collected: 07/14/16	Time Collected:		
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
		Lead	<0.005	0.005	mg/L	
16-3875-012	M-5B FOUNTAIN		Date Collected: 07/14/16	Time Collected:		
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
		Lead	<0.005	0.005	mg/L	
16-3875-013	M-6A FOUNTAIN		Date Collected: 07/14/16	Time Collected:		
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
		Lead	<0.005	0.005	mg/L	
16-3875-014	M-6B FOUNTAIN		Date Collected: 07/14/16	Time Collected:		
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
		Lead	<0.005	0.005	mg/L	
16-3875-015	M-7A FOUNTAIN		Date Collected: 07/14/16	Time Collected:		
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
		Lead	<0.005	0.005	mg/L	
16-3875-016	M-7B FOUNTAIN		Date Collected: 07/14/16	Time Collected:		
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
		Lead	<0.005	0.005	mg/L	
16-3875-017	M-8A ROOM 106		Date Collected: 07/14/16	Time Collected:		
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
		Lead	<0.005	0.005	mg/L	
16-3875-018	M-8B ROOM 106		Date Collected: 07/14/16	Time Collected:		
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
		Lead	<0.005	0.005	mg/L	
16-3875-019	M-9A FOUNTAIN		Date Collected: 07/14/16	Time Collected:		
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
		Lead	<0.005	0.005	mg/L	
16-3875-020	M-9B FOUNTAIN		Date Collected: 07/14/16	Time Collected:		
Analysis Date:	07/16/16			Preparation Date: 07/15/16		
		Lead	<0.005	0.005	mg/L	



CHAIN OF CUSTODY RECORD

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First Environmental Laboratories

1600 Shore Road, Suite D

Naperville, Illinois 60563

Phone: (630) 778-1200 • Fax: (630) 778-1233

E-mail: firstinfo@firstenv.com

IEPA Certification #100292

Company Name: WIGHT & COStreet Address: 2500 N. FRONTAGE RDCity: DARIENState: IL Zip: 60561Phone: 630-969-7000 e-mail: RGENSCHORECK@WIGHTCO.COMSend Report To: ROGER GENSCHORECKSampled By: R GENSCHORECK

Analyses

Date/Time Taken	Sample Description	Matrix	LEAD	Hold - Do Not Analyze	Comments	Lab I.D.
7/14/16	M-MA METER	WATER	X			16-3875-001
	M-MB METER					002
	M-1A FOUNTAIN					003
	M-1B "					004
	M-2A ROOM 118					005
	M-2B " "					006
	M-3A FOUNTAIN					007
	M-3B					008
	M-4A					009
	M-4B					010
	M-5A					011
	M-5B					012

FOR LAB USE ONLY:

Cooler Temperature: 0.1-6°C Yes ___ No ___ N/A °C

Received within 6 hrs. of collection: _____

Ice Present: Yes ___ No ___

Sample Refrigerated: Yes ___ No ✓

Refrigerator Temperature: _____ °C

5035 Vials Frozen: Yes ___ No ___

Freezer Temperature: _____ °C

Program: ☐ TACO ☐ CCDD ☐ NPDES ☐ LUSTNotes and Special Instructions: A - DESIGNATES 1ST DRAWR DESIGNATES 2ND DRAWRelinquished By: R HinchoutDate/Time: 7/14 10:50Received By: RaDate/Time: 7/14/161050

Relinquished By: _____

Date/Time: _____

Received By: _____

Date/Time: _____



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E-mail: firstinfo@firstenv.com
IEPA Certification #100292

CHAIN OF CUSTODY RECORD

Page 2 of 2 pgs

Company Name: WIGHT & CO
Street Address: 2500 N. FRONTAGE RD
City: _____ State: _____ Zip: _____
Phone: _____ e-mail: _____
Send Report To: _____
Sampled By: _____

Analyses

Project I.D.: <u>MURPHY</u>			Analyses										Comments	Lab I.D.
P.O. #: <u>05-3600-26</u>														
Matrix Codes: S = Soil W = Water O = Other														
Date/Time Taken	Sample Description	Matrix	LEAD											
7/14/16	M-6A FOUNTAIN	WATER	X											16-3875-013
	M-6B "													014
	M-7A "													015
	M-7B "													016
	M-8A ROOM 106													017
	M-8B "													018
	M-9A FOUNTAIN													019
	M-9B "													020

FOR LAB USE ONLY:

Cooler Temperature: 0.1-6°C Yes ___ No ___ N/A °C
Received within 6 hrs. of collection: _____
Ice Present: Yes ___ No ___

Sample Refrigerated: Yes ___ No ___
Refrigerator Temperature: _____ °C
5035 Vials Frozen: Yes ___ No ___
Freezer Temperature: _____ °C

Program: ☐ TACO ☐ CCDD ☐ NPDES ☐ LUST

Notes and Special Instructions: A- FIRST DRAW
B- 2ND DRAW

Relinquished By: R. Amcharov Date/Time: 7/14 1050 Received By: D. G. Date/Time: 7/14/16 1050
Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____