

**First
Environmental
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

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

July 25, 2016

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

Project ID: Jefferson 05-3600-26
First Environmental File ID: 16-4054
Date Received: July 21, 2016

Dear Mr. Roger Genschoreck:

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

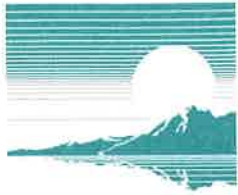
All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003811: effective 02/17/2016 through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



Stan Zaworski
Project Manager



Case Narrative

WIGHT & COMPANY

Lab File ID: **16-4054**

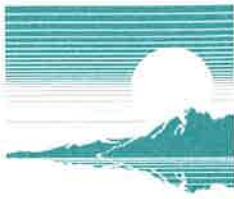
Project ID: **Jefferson 05-3600-26**

Date Received: **July 21, 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
16-4054-001	J-MA Meter	7/21/2016
16-4054-002	J-MB Meter	7/21/2016
16-4054-003	J-1A Fountain	7/21/2016
16-4054-004	J-1B Fountain	7/21/2016
16-4054-005	J-2A Fountain	7/21/2016
16-4054-006	J-2B Fountain	7/21/2016
16-4054-007	J-3A Fountain	7/21/2016
16-4054-008	J-3B Fountain	7/21/2016
16-4054-009	J-4A Fountain	7/21/2016
16-4054-010	J-4B Fountain	7/21/2016
16-4054-011	J-5A Fountain	7/21/2016
16-4054-012	J-5B Fountain	7/21/2016
16-4054-013	J-6A Fountain	7/21/2016
16-4054-014	J-6B Fountain	7/21/2016
16-4054-015	J-7A Fountain	7/21/2016
16-4054-016	J-7BA Fountain	7/21/2016
16-4054-017	J-8A Fountain	7/21/2016
16-4054-018	J-8B Fountain	7/21/2016
16-4054-019	J-9A Fountain	7/21/2016
16-4054-020	J-9B Fountain	7/21/2016
16-4054-021	J-10A Fountain	7/21/2016
16-4054-022	J-10B Fountain	7/21/2016
16-4054-023	J-11A Fountain	7/21/2016
16-4054-024	J-11B Fountain	7/21/2016
16-4054-025	J-12A Fountain	7/21/2016



Case Narrative

WIGHT & COMPANY

Lab File ID: **16-4054**

Project ID: **Jefferson 05-3600-26**

Date Received: **July 21, 2016**

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

16-4054-026	J-12B Fountain	7/21/2016
16-4054-027	J-13A Fountain	7/21/2016
16-4054-028	J-13B Fountain	7/21/2016
16-4054-029	J-14A Fountain	7/21/2016
16-4054-030	J-14B Fountain	7/21/2016
16-4054-031	J-15A Fountain	7/21/2016
16-4054-032	J-15B Fountain	7/21/2016
16-4054-033	J-16A Meter 2	7/21/2016
16-4054-034	J-16B Meter 2	7/21/2016
16-4054-035	J-17A Fountain	7/21/2016
16-4054-036	J-17B Fountain	7/21/2016
16-4054-037	J-18A Fountain	7/21/2016
16-4054-038	J-18B Fountain	7/21/2016

Sample Batch Comments:

Time of sample collection was not provided.

Method Comments

Lab Number	Sample ID	Comments:
16-4054-033	J-16A Meter 2	<i>Total Metals</i> Sample result was confirmed by re-analysis.
16-4054-034	J-16B Meter 2	<i>Total Metals</i> Sample result was confirmed by re-analysis.



Case Narrative

WIGHT & COMPANY

Lab File ID: **16-4054**

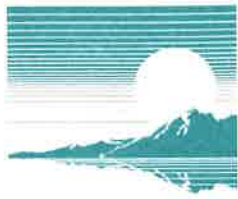
Project ID: **Jefferson 05-3600-26**

Date Received: **July 21, 2016**

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

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.



Analytical Report

Client: WIGHT & COMPANY
Project ID: Jefferson 05-3600-26

Date Received: 07/21/16
Date Reported: 07/25/16

Lab No:	Sample ID:	Analyte	Result	R.L.	Units	Flags
Total Metals		Method: 200.7R4.4	Preparation Method 200.7W			
16-4054-001	J-MA Meter		Date Collected: 07/21/16	Time Collected:		
Analysis Date:	07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-002	J-MB Meter		Date Collected: 07/21/16	Time Collected:		
Analysis Date:	07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-003	J-1A Fountain		Date Collected: 07/21/16	Time Collected:		
Analysis Date:	07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-004	J-1B Fountain		Date Collected: 07/21/16	Time Collected:		
Analysis Date:	07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-005	J-2A Fountain		Date Collected: 07/21/16	Time Collected:		
Analysis Date:	07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-006	J-2B Fountain		Date Collected: 07/21/16	Time Collected:		
Analysis Date:	07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-007	J-3A Fountain		Date Collected: 07/21/16	Time Collected:		
Analysis Date:	07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-008	J-3B Fountain		Date Collected: 07/21/16	Time Collected:		
Analysis Date:	07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-009	J-4A Fountain		Date Collected: 07/21/16	Time Collected:		
Analysis Date:	07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-010	J-4B Fountain		Date Collected: 07/21/16	Time Collected:		
Analysis Date:	07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	

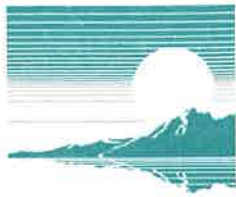


Analytical Report

Client: WIGHT & COMPANY
Project ID: Jefferson 05-3600-26

Date Received: 07/21/16
Date Reported: 07/25/16

Lab No:	Sample ID:	Analyte	Result	R.L.	Units	Flags
16-4054-011	J-5A Fountain		Date Collected: 07/21/16	Time Collected:		
	Analysis Date: 07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-012	J-5B Fountain		Date Collected: 07/21/16	Time Collected:		
	Analysis Date: 07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-013	J-6A Fountain		Date Collected: 07/21/16	Time Collected:		
	Analysis Date: 07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-014	J-6B Fountain		Date Collected: 07/21/16	Time Collected:		
	Analysis Date: 07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-015	J-7A Fountain		Date Collected: 07/21/16	Time Collected:		
	Analysis Date: 07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-016	J-7BA Fountain		Date Collected: 07/21/16	Time Collected:		
	Analysis Date: 07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-017	J-8A Fountain		Date Collected: 07/21/16	Time Collected:		
	Analysis Date: 07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-018	J-8B Fountain		Date Collected: 07/21/16	Time Collected:		
	Analysis Date: 07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-019	J-9A Fountain		Date Collected: 07/21/16	Time Collected:		
	Analysis Date: 07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	
16-4054-020	J-9B Fountain		Date Collected: 07/21/16	Time Collected:		
	Analysis Date: 07/22/16			Preparation Date: 07/21/16		
		Lead	<0.005	0.005	mg/L	



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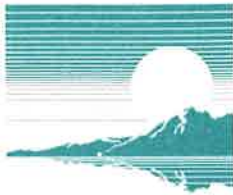
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: WIGHT & COMPANY
Project ID: Jefferson 05-3600-26

Date Received: 07/21/16
Date Reported: 07/25/16

Lab No:	Sample ID:	Analyte	Result	R.L.	Units	Flags
16-4054-021 Analysis Date: 07/22/16	J-10A Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	
16-4054-022 Analysis Date: 07/22/16	J-10B Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	
16-4054-023 Analysis Date: 07/22/16	J-11A Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	
16-4054-024 Analysis Date: 07/22/16	J-11B Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	
16-4054-025 Analysis Date: 07/22/16	J-12A Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	
16-4054-026 Analysis Date: 07/22/16	J-12B Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	
16-4054-027 Analysis Date: 07/22/16	J-13A Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	
16-4054-028 Analysis Date: 07/22/16	J-13B Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	
16-4054-029 Analysis Date: 07/22/16	J-14A Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	
16-4054-030 Analysis Date: 07/22/16	J-14B Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	



Analytical Report

Client: WIGHT & COMPANY
Project ID: Jefferson 05-3600-26

Date Received: 07/21/16
Date Reported: 07/25/16

Lab No:	Sample ID:	Analyte	Result	R.L.	Units	Flags
16-4054-031 Analysis Date: 07/22/16	J-15A Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	
16-4054-032 Analysis Date: 07/22/16	J-15B Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	
16-4054-033 Analysis Date: 07/22/16	J-16A Meter 2		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	0.017	0.005	mg/L	
16-4054-034 Analysis Date: 07/22/16	J-16B Meter 2		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	0.056	0.005	mg/L	
16-4054-035 Analysis Date: 07/22/16	J-17A Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	
16-4054-036 Analysis Date: 07/22/16	J-17B Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	
16-4054-037 Analysis Date: 07/22/16	J-18A Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	
16-4054-038 Analysis Date: 07/22/16	J-18B Fountain		Date Collected: 07/21/16 Time Collected: Preparation Date: 07/21/16			
		Lead	<0.005	0.005	mg/L	



First Environmental Laboratories, Inc.

First Environmental Laboratories
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 Naperville, Illinois 60563
 Phone: (630) 778-1200 • Fax: (630) 778-1233
 E-mail: firstinfo@firstenv.com
 IEPA Certification #100292

CHAIN OF CUSTODY RECORD

Company Name: WIGHT & Co.
 Street Address: 7580 N. FROSTBEE RD
 City: DARIEN State: IL Zip: 60561
 Phone: 630-969-7000 e-mail: R.GENSCHBACHER@WIGHTCO.COM
 Send Report To: ROGER GENSCHBACHER
 Sampled By: RS

Project I.D.: JEFFERSON

P.O. #: 05-3600-26

Date/Time Taken	Sample Description	Matrix	Matrix Codes: S = Soil W = Water O = Other	Comments	Lab I.D.
7/21/16	I-HA METER	WATER			16-4054-001
	I-MB "				002
	I-1A FOUNTAIN				003
	I-1B				004
	I-2A				005
	I-2B				006
	I-3A				007
	I-3B				008
	I-4A				009
	I-4B				010
	I-5A				011
	I-5B				012

LEAD

Hold - Do Not Analyze

Analyses

FOR LAB USE ONLY:

Cooler Temperature: 0-1-6°C Yes No
 Received within 6 hrs. of collection: Yes No
 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. 1ST DRAW
B. 2ND DRAW

Relinquished By: RA [Signature] Date/Time: 7/21/16
 Relinquished By: _____ Date/Time: _____
 Received By: DG [Signature] Date/Time: 7/21/16 1100
 Received By: _____ Date/Time: _____



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 1600 Shore Road, Suite D
 Naperville, Illinois 60563
 Phone: (630) 778-1200 • Fax: (630) 778-1233
 E-mail: firstinfo@firstenv.com
 IEPA Certification #100292

CHAIN OF CUSTODY RECORD

Company Name: WELCH & CO

Street Address:

City:

State:

Zip:

Phone:

e-mail:

Send Report To:

Sampled By: RB

Project ID: JEFFERSON

PO #: 05-3600-26

Matrix Codes: S = Soil W = Water O = Other

Date/Time Taken	Sample Description	Matrix	Analyses	Comments	Lab I.D.
7/21/16	I-6A FERRARI	WATER X	LEAD		14-4054-013
	I-6B				014
	I-7A				015
	I-7B				016
	I-8A				017
	I-8B				018
	I-9A				019
	I-9B				020
	I-10A				021
	I-10B				022
	I-11A				023
	I-11B				024

FOR LAB USE ONLY:

Cooler Temperature: 0.1-6°C Yes No No NA °C
 Received within 6 hrs. of collection: _____
 Ice Present: Yes No No _____

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

Program: TACO CCDD NPDES LUST

Notes and Special Instructions:

A. 1ST DRAW
B. 2ND DRAW

Relinquished By: R Stumbach Date/Time: 7/21/16 Received By: RB Date/Time: 7/21/16 1100

Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____



First Environmental Laboratories, Inc.

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 1600 Shore Road, Suite D
 Naperville, Illinois 60563
 Phone: (630) 778-1200 • Fax: (630) 778-1233
 E-mail: firstenv@firstenv.com
 IEPA Certification #100292

CHAIN OF CUSTODY RECORD

Company Name: WIGGAT & CO
 Street Address: _____
 City: _____ State: _____ Zip: _____
 Phone: _____ e-mail: _____
 Send Report To: _____
 Sampled By: RG

Project I.D.: JEFFERSON
 P.O. #: 05-3600-26

Date/Time Taken	Sample Description	Matrix	Matrix Codes: S = Soil W = Water O = Other	Analyses	Comments	Lab I.D.
J-12 A	EQUINA	WATER		LEAD		16-4054-025
J-12 B						026
J-13 A						027
J-13 B						028
J-14 A						029
J-14 B						030
J-15 A						031
J-15 B				Hold - Do Not Analyze		032
J-16 A	METER 2					033
J-16 B	METER 2					034
J-17 A	EQUINA					035
J-17 B						036

FOR LAB USE ONLY:
 Cooler Temperature: 0.1-6°C Yes NA No 9C
 Refrigerator Temperature: _____ °C
 Received within 6 hrs. of collection: _____
 Ice Present: Yes No No _____
 5035 Vials Frozen: Yes No No _____
 Freezer Temperature: _____ °C

Sample Refrigerated: Yes No No 9C
 Refrigerator Temperature: _____ °C
 Program: TACO CCDD NPDES LUST
 Notes and Special Instructions: A- 1ST DRAW
B- 2ND DRAW

Relinquished By: R. Henschel Date/Time: 2/21/16
 Relinquished By: _____ Date/Time: _____
 Received By: D. [Signature] Date/Time: 2/24/16
 Received By: _____ Date/Time: _____



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 1600 Shore Road, Suite D
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 Phone: (630) 778-1200 • Fax: (630) 778-1233
 E-mail: firstinfo@firstenv.com
 IEPA Certification #100292

CHAIN OF CUSTODY RECORD

Company Name: WILLET & Co

Street Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ e-mail: _____

Send Report To: _____

Sampled By: RC

Project ID: JEFFERSON

P.O. #: 05-3652-26

Date/Time Taken	Sample Description	Matrix	Analyses										Comments	Lab I.D.		
<u>7/21/16</u>	<u>I-18A FOUNTAIN</u>	<u>WATER</u>	<u>X</u>													<u>16-4084-037</u>
	<u>I-18B</u>	<u>I</u>	<u>X</u>													<u>038</u>

FOR LAB USE ONLY:
 Cooler Temperature: 0-1-6°C Yes ___ No ___ N/A °C
 Refrigerator Temperature: _____ °C
 5035 Vials Frozen: Yes ___ No ___
 Ice Present: Yes ___ No ___
 Freezer Temperature: _____ °C

Sample Refrigerated: Yes ___ No
 Refrigerator Temperature: _____ °C
 Program: TACO CCDD NPDES LUST
 Notes and Special Instructions: A. 1st DRAW
B. 2nd DRAW

Relinquished By: R. Hemchandra Date/Time: 7/21/16 Received By: [Signature] Date/Time: 7/21/16 11:00
 Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____