

July 18, 2016

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

Project ID: WILLOW CREEK PO# 05-3600-26

ie Walker

First Environmental File ID: 16-3877

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

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

## **Case Narrative**

**WIGHT & COMPANY** 

Lab File ID: 16-3877

Project ID: WILLOW CREEK 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
16-3877-001	WC-MA METER	7/13/2016
16-3877-002	WC-MB METER	7/13/2016
16-3877-003	WC-1A FOUNTAIN	7/13/2016
16-3877-004	WC-1B FOUNTAIN	7/13/2016
16-3877-005	WC-2A FOUNTAIN	7/13/2016
16-3877-006	WC-2B FOUNTAIN	7/13/2016
16-3877-007	WC-3A FOUNTAIN	7/13/2016
16-3877-008	WC-3B FOUNTAIN	7/13/2016
16-3877-009	WC-4A FOUNTAIN	7/13/2016
16-3877-010	WC-4B FOUNTAIN	7/13/2016
16-3877-011	WC-5A FOUNTAIN	7/13/2016
16-3877-012	WC-5B FOUNTAIN	7/13/2016
16-3877-013	WC-6A FOUNTAIN	7/13/2016
16-3877-014	WC-6B FOUNTAIN	7/13/2016
16-3877-015	WC-7A FOUNTAIN	7/13/2016
16-3877-016	WC-7B FOUNTAIN	7/13/2016
16-3877-017	WC-8A FOUNTAIN	7/13/2016
16-3877-018	WC-8B FOUNTAIN	7/13/2016
16-3877-019	WC-9A FOUNTAIN	7/13/2016
16-3877-020	WC-9B FOUNTAIN	7/13/2016
16-3877-021	WC-10A FOUNTAIN	7/13/2016
16-3877-022	WC-10B FOUNTAIN	7/13/2016

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#### **Case Narrative**

**WIGHT & COMPANY** 

Lab File ID: 16-3877

Project ID: WILLOW CREEK 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.

#### **Sample Batch Comments:**

Time of sample collection was not provided.

#### **Method Comments**

Lab Number

Sample ID

Comments:

16-3877-001

WC-MA METER

**Total Metals** 

Positive Pb result confirmed by duplicate analysis.

16-3877-002

WC-MB METER

Total Metals

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.
С	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.
Ė	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.
Н	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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# **Analytical Report**

Client: WIGHT & COMPANY

Project ID: WILLOW CREEK PO# 05-3600-26

Date Received: 07

07/14/16

**Date Reported:** 07/18/16

Lab No:	Sample ID:	Analyte		Result	R.L.	Units	Flags
Total Metals		M	ethod: 200.7R4.4	Preparatio	on Method	200.7W	
16-3877-001 Analysis Date:	WC-MA MET 07/15/16	ER	Date Collected: 07/13/1		Collected: n Date: 07/1	5/16	
		Lead		0.104	0.005	mg/L	
16-3877-002 Analysis Date:	WC-MB MET 07/15/16		Date Collected: 07/13/1	Preparatio	Collected: n Date: 07/1		
		Lead		0.175		mg/L	
16-3877-003 Analysis Date:	WC-1A FOUN 07/15/16	NTAIN Lead	Date Collected: 07/13/1		Collected: n Date: 07/1 0.005		
16-3877-004 Analysis Date:	WC-1B FOUN 07/15/16		Date Collected: 07/13/1	Preparatio	Collected: on Date: 07/1		**********
		Lead	*************************************	< 0.005	0.005	mg/L	
16-3877-005 Analysis Date:	WC-2A FOUN 07/15/16		Date Collected: 07/13/1	Preparatio	Collected: on Date: 07/1		
		Lead		< 0.005	0.005	mg/L	*************
16-3877-006 Analysis Date:	WC-2B FOUN 07/15/16	NTAIN	Date Collected: 07/13/1	Preparatio	Collected: on Date: 07/1		
	va.v.v.	Lead		< 0.005	0.005	mg/L	
16-3877-007 Analysis Date:	WC-3A FOUR 07/15/16	NTAIN	Date Collected: 07/13/1	Preparatio	Collected: on Date: 07/1	5/16	
		Lead		< 0.005	0.005	mg/L	
16-3877-008 Analysis Date:	WC-3B FOUN 07/15/16	NTAIN	Date Collected: 07/13/1		Collected: on Date: 07/1	5/16	
		Lead		< 0.005	0.005	mg/L	
16-3877-009 Analysis Date:	WC-4A FOUR 07/15/16	NTAIN	Date Collected: 07/13/1		Collected: on Date: 07/1	5/16	
		Lead		< 0.005	0.005	mg/L	-000 ( CO
16-3877-010 Analysis Date:	WC-4B FOUR 07/15/16	NTAIN	Date Collected: 07/13/1		Collected: on Date: 07/1	5/16	
		Lead		< 0.005	0.005	mg/L	



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# **Analytical Report**

Client:

WIGHT & COMPANY

Project ID: WILLOW CREEK PO# 05-3600-26

Date Received:

07/14/16

Date Reported: 07/18/16

Lab No:	Sample ID:	Analyte		Result	R.L.	Units	Flags
16-3877-011	WC-5A FOU	NTAIN	Date Collected: 07/13/16		Collected:		
Analysis Date:	07/15/16			_	n Date: 07/1	5/16	
	_	Lead		< 0.005	0.005	mg/L	
16-3877-012	WC-5B FOUR	NTAIN	Date Collected: 07/13/16	Time (	Collected:		
Analysis Date:	07/15/16			Preparation	n Date: 07/1	5/16	
		Lead		< 0.005	0.005	mg/L	
16-3877-013	WC-6A FOU	NTAIN	Date Collected: 07/13/10	5 Time	Collected:		
Analysis Date:	07/15/16			Preparation	n Date: 07/1	5/16	
		Lead		< 0.005	0.005	mg/L	
16-3877-014	WC-6B FOU	NTAIN	Date Collected: 07/13/10	Time (	Collected:		
Analysis Date:	07/15/16			Preparatio	n Date: 07/1	5/16	
		Lead		< 0.005	0.005	mg/L	
16-3877-015	WC-7A FOU	NTAIN	Date Collected: 07/13/10	5 Time	Collected:		
Analysis Date:	07/15/16			Preparatio	n Date: 07/1	5/16	
		Lead		< 0.005	0.005	mg/L	
16-3877-016	WC-7B FOU	NTAIN	Date Collected: 07/13/1	5 Time	Collected:		
Analysis Date:	07/15/16			Preparatio	n Date: 07/1	5/16	
		Lead		< 0.005	0.005	mg/L	
16-3877-017	WC-8A FOU	NTAIN	Date Collected: 07/13/1	5 Time	Collected:		
Analysis Date:	07/15/16			Preparatio	n Date: 07/1	5/16	
		Lead		< 0.005	0.005	mg/L	
16-3877-018	WC-8B FOU	NTAIN	Date Collected: 07/13/1	6 Time	Collected:		
Analysis Date:	07/15/16			Preparatio	n Date: 07/1	5/16	
		Lead		< 0.005	0.005	mg/L	
16-3877-019	WC-9A FOU	NTAIN	Date Collected: 07/13/1	6 Time	Collected:		
Analysis Date:	07/15/16			Preparatio	n Date: 07/1	5/16	
-		Lead		< 0.005	0.005	mg/L	
16-3877-020	WC-9B FOU	NTAIN	Date Collected: 07/13/1	6 Time	Collected:		
Analysis Date:	07/15/16			Preparatio	on Date: 07/1	5/16	
		Lead		< 0.005	0.005	mg/L	



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# **Analytical Report**

Client:

**WIGHT & COMPANY** 

Date Received:

07/14/16

Project ID:

WILLOW CREEK PO# 05-3600-26

Date Reported: 07/18/16

Lab No:	Sample II	): Analyte		Result	R.L.	Units	Flags
16-3877-021	WC-10A	FOUNTAIN	Date Collected: 07/13/16	Time (	Collected:		
Analysis Date:	07/15/16			Preparation	n Date: 07/1	5/16	
		Lead		< 0.005	0.005	mg/L	
16-3877-022	WC-10B	FOUNTAIN	Date Collected: 07/13/16	Time (	Collected:		
Analysis Date:	07/15/16			Preparation	Date: 07/1	5/16	
		Lead		< 0.005	0.005	mg/L	

## CHAIN OF CUSTODY RECORD

Page 1 of 2 pgs



## 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:	WIG	H7 0	£ C0	MPA	4		-		
Street Address:	2500	No 1	RON	JTAG	E	ROA	0		
City: DA	RIGN	100	75.1		State:	14	Zip:	6050	61
Phone 630-9	69-7000	e-mail:	RGEI	NSCH	ORG	Jeke	DWI	GHTCO	CON
Send Report To:	ROG 6	R G	=NSCI	HORE	=				
Sampled By:	R.GA	NSCHO	PREC	t	1. 11170				10

Date/Time Taken	Sample Description	Matr	ix			- 1	1 1		PAR THE	Comments	Lab I.D.
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## CHAIN OF CUSTODY RECORD

Page 2 of  $Z_{pgs}$ 

	First Environmental
1 2	Laboratories, Inc.

## First Environmental Laboratories

1600 Shore Road, Suite D Naperville, Illinois 60563

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

E-mail: firstinfo@firstenv.com

Company Name:	WI	GHT	& COMPL	NY	Episonouviä mit
Street Address:	2500	N.	FRONTAG	I ROAD	and Australian and
City: DAR	CEN	IN THE		State: /L	Zip: 6056/
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