



*City of Tempe*  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: [www.tempe.gov](http://www.tempe.gov)

July 03, 2017

Justin Bern  
City of Tempe Lead & Copper  
P.O. Box 5002  
Tempe, AZ 85280  
TEL: (480) 350-2860  
FAX (480) 350-2677

RE: ADEQ School Lead Initiative

Order No.: 1706183

Dear Justin Bern:

City of Tempe received 4 sample(s) on 06/22/2017 for the analyses presented in the following report.

Justin Bern  
Quality Officer  
6600 S Price Rd  
Tempe, AZ 85283

Lab license #AZ0055



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## Analytical Report

(base report)

WO#: 1706183

Date Reported: 07/03/2017

**CLIENT:** City of Tempe Lead & Copper  
**Matrix:** DRINKING WATER  
**Lab ID:** 1706183-001A  
**Project:** ADEQ School Lead Initiative  
**Client Sample ID** Carminati 11-04-P3-1

**Tag Number:**  
**Collection Date:** 06/20/2017 5:01:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
METALS BY ICP/MS					E200.8	E200.8 Analyst: MK
Lead	8.4	1.0		µg/L	1	06/26/2017 12:41:39 PM

<b>Qualifiers:</b>	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
	ND	Not Detected at the Reporting Limit	PL	Permit Limit
	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as specified at testcode



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## Analytical Report

(base report)

WO#: 1706183

Date Reported: 07/03/2017

**CLIENT:** City of Tempe Lead & Copper

**Tag Number:**

**Matrix:** DRINKING WATER

**Collection Date:** 06/20/2017 5:06:00 AM

**Lab ID:** 1706183-002A

**Project:** ADEQ School Lead Initiative

**Client Sample ID** Carminati 11-04-P3-2

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
METALS BY ICP/MS					E200.8	E200.8 Analyst: MK
Lead	2.0	1.0		µg/L	1	06/26/2017 12:54:09 PM

**Qualifiers:**

H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
RL Reporting Detection Limit

M Manual Integration used to determine area response  
PL Permit Limit  
W Sample container temperature is out of limit as specified at testcode



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## Analytical Report

(base report)

WO#: 1706183

Date Reported: 07/03/2017

**CLIENT:** City of Tempe Lead & Copper

**Tag Number:**

**Matrix:** DRINKING WATER

**Collection Date:** 06/21/2017 4:59:00 AM

**Lab ID:** 1706183-003A

**Project:** ADEQ School Lead Initiative

**Client Sample ID** Carminati 11-04-P3-3

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
METALS BY ICP/MS					E200.8	E200.8 Analyst: MK
Lead	7.4	1.0		µg/L	1	06/26/2017 12:58:13 PM

<b>Qualifiers:</b>	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
	ND	Not Detected at the Reporting Limit	PL	Permit Limit
	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as specified at testcode



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## Analytical Report

(base report)

WO#: 1706183

Date Reported: 07/03/2017

**CLIENT:** City of Tempe Lead & Copper  
**Matrix:** DRINKING WATER  
**Lab ID:** 1706183-004A  
**Project:** ADEQ School Lead Initiative  
**Client Sample ID** Carminati 11-04-P4

**Tag Number:**  
**Collection Date:** 06/21/2017 5:02:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
METALS BY ICP/MS					E200.8	E200.8 Analyst: MK
Lead	6.4	1.0		µg/L	1	06/26/2017 1:02:02 PM

<b>Qualifiers:</b>	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
	ND	Not Detected at the Reporting Limit	PL	Permit Limit
	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as specified at testcode



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## QC SUMMARY REPORT

WO#: 1706183

03-Jul-17

**Client:** City of Tempe Lead & Copper

**Project:** ADEQ School Lead Initiative

**BatchID:** 1009

Sample ID	MB-1009	SampType:	MBLK	TestCode:	200.8	Units:	µg/L	Prep Date:	06/26/2017	RunNo:	12644			
Client ID:	PBW	Batch ID:	1009	TestNo:	E200.8	E200.8		Analysis Date:	06/26/2017	SeqNo:	147467			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	ND	1.0												
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Sample ID	LCS-1009	SampType:	LCS	TestCode:	200.8	Units:	µg/L	Prep Date:	06/26/2017	RunNo:	12644			
Client ID:	LCSW	Batch ID:	1009	TestNo:	E200.8	E200.8		Analysis Date:	06/26/2017	SeqNo:	147470			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	100	1.0	100.0	0	101	85	115							
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Sample ID	1706183-001AMS	SampType:	MS	TestCode:	200.8	Units:	µg/L	Prep Date:	06/26/2017	RunNo:	12644			
Client ID:	Carminati 11-04-P3-	Batch ID:	1009	TestNo:	E200.8	E200.8		Analysis Date:	06/26/2017	SeqNo:	147476			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	100	1.0	100.0	8.382	95.2	70	130							
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Sample ID	1706183-001AMSD	SampType:	MSD	TestCode:	200.8	Units:	µg/L	Prep Date:	06/26/2017	RunNo:	12644			
Client ID:	Carminati 11-04-P3-	Batch ID:	1009	TestNo:	E200.8	E200.8		Analysis Date:	06/26/2017	SeqNo:	147477			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	110	1.0	100.0	8.382	97.5	70	130	103.6	2.20	20				
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**Qualifiers:** H Holding times for preparation or analysis exceeded  
RL Reporting Detection Limit

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W Sample container temperature is out of limit as specified at testcode

ND Not Detected at the Reporting Limit



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## QC SUMMARY REPORT

WO#: 1706183

03-Jul-17

**Client:** City of Tempe Lead & Copper  
**Project:** ADEQ School Lead Initiative

**BatchID:** 1009

Sample ID	1706184-003AMS	SampType:	MS	TestCode:	200.8	Units:	µg/L	Prep Date:	06/26/2017	RunNo:	12644		
Client ID:	ZZZZZZ	Batch ID:	1009	TestNo:	E200.8	E200.8		Analysis Date:	06/26/2017	SeqNo:	147484		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		120		1.0	100.0	14.13	110	70	130				

Sample ID	1706184-003AMSD	SampType:	MSD	TestCode:	200.8	Units:	µg/L	Prep Date:	06/26/2017	RunNo:	12644		
Client ID:	ZZZZZZ	Batch ID:	1009	TestNo:	E200.8	E200.8		Analysis Date:	06/26/2017	SeqNo:	147485		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		120		1.0	100.0	14.13	110	70	130	124.2	0.322	20	

**Qualifiers:** H Holding times for preparation or analysis exceeded  
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