



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

April 24, 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.: 1704182

Dear Justin Bern:

City of Tempe received 16 sample(s) on 04/17/2017 for the analyses presented in the following report.

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

Lab license #AZ0055



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

## Case Narrative

WO#: 1704182  
Date: 04/24/2017

---

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

---

This report in its entirety consists of the documents listed below. All documents contain the City of Tempe Work Order Number assigned to this report.

1. Paginated Report including: Case Narrative, Analytical Results and Applicable Quality Control Summary Reports.
2. A Cover Letter that immediately precedes the Paginated Report.
3. Copies of the Chain of Custody Documents supplied with this sample set.

Any comments or problems with the analytical events associated with this report are noted below.



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

**CLIENT:** City of Tempe Lead & Copper  
**Matrix:** DRINKING WATER  
**Lab ID:** 1704182-001A  
**Project:** ADEQ School Lead Initiative  
**Client Sample ID** Kyrene Elementary District\_Kyrene Altadena\_1st Conf - 1st Draw

**Tag Number:**

**Collection Date:** 04/14/2017 8:40:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
METALS BY ICP/MS					E200.8	E200.8 Analyst: MK
Lead	ND	1.0		µg/L	1	04/20/2017 1:54:11 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



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

**CLIENT:** City of Tempe Lead & Copper  
**Matrix:** DRINKING WATER  
**Lab ID:** 1704182-002A  
**Project:** ADEQ School Lead Initiative  
**Client Sample ID** Kyrene Elementary District\_Kyrene Altadena\_2nd Conf - Flush

**Tag Number:**

**Collection Date:** 04/14/2017 8:42:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
METALS BY ICP/MS					E200.8	E200.8 Analyst: MK
Lead	ND	1.0		µg/L	1	04/20/2017 2:06:27 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



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

**CLIENT:** City of Tempe Lead & Copper  
**Matrix:** DRINKING WATER  
**Lab ID:** 1704182-003A  
**Project:** ADEQ School Lead Initiative  
**Client Sample ID** Kyrene Elementary District\_Kyrene Altadena\_3rd Conf - 1st Draw Day 2

**Tag Number:**

**Collection Date:** 04/15/2017 8:27:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
METALS BY ICP/MS					E200.8	E200.8 Analyst: MK
Lead	ND	1.0		µg/L	1	04/20/2017 2:10:29 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



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

---

<b>CLIENT:</b>	City of Tempe Lead & Copper	<b>Tag Number:</b>	
<b>Matrix:</b>	DRINKING WATER	<b>Collection Date:</b>	04/14/2017 8:57:00 AM
<b>Lab ID:</b>	1704182-004A		
<b>Project:</b>	ADEQ School Lead Initiative		
<b>Client Sample ID</b>	Kyrene Elementary District_Kyrene Altadena_4 screening		

---

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>METALS BY ICP/MS</b>				<b>E200.8</b>	<b>E200.8</b>	Analyst: <b>MK</b>
Lead	1.5	1.0		µg/L	1	04/20/2017 2:22:36 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



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

---

<b>CLIENT:</b>	City of Tempe Lead & Copper	<b>Tag Number:</b>	
<b>Matrix:</b>	DRINKING WATER	<b>Collection Date:</b>	04/14/2017 9:05:00 AM
<b>Lab ID:</b>	1704182-005A		
<b>Project:</b>	ADEQ School Lead Initiative		
<b>Client Sample ID</b>	Kyrene Elementary District_Kyrene Altadena_5 screening		

---

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>METALS BY ICP/MS</b>				<b>E200.8</b>	<b>E200.8</b>	Analyst: <b>MK</b>
Lead	ND	1.0		µg/L	1	04/20/2017 2:26:38 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



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

**CLIENT:** City of Tempe Lead & Copper  
**Matrix:** DRINKING WATER  
**Lab ID:** 1704182-006A  
**Project:** ADEQ School Lead Initiative  
**Client Sample ID** Kyrene Elementary District\_Kyrene Altadena\_6 screening

**Tag Number:**

**Collection Date:** 04/14/2017 9:06:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
METALS BY ICP/MS					E200.8	E200.8 Analyst: MK
Lead	ND	1.0		µg/L	1	04/20/2017 2:30:26 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





City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

**CLIENT:** City of Tempe Lead & Copper  
**Matrix:** DRINKING WATER  
**Lab ID:** 1704182-007A  
**Project:** ADEQ School Lead Initiative  
**Client Sample ID** Kyrene Elementary District\_Kyrene Altadena\_7 screening

**Tag Number:**

**Collection Date:** 04/14/2017 9:10:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
METALS BY ICP/MS					E200.8	E200.8 Analyst: MK
Lead	ND	1.0		µg/L	1	04/20/2017 2:34:25 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



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

**CLIENT:** City of Tempe Lead & Copper  
**Matrix:** DRINKING WATER  
**Lab ID:** 1704182-008A  
**Project:** ADEQ School Lead Initiative  
**Client Sample ID** Kyrene Elementary District\_Kyrene Altadena\_8 screening

**Tag Number:**

**Collection Date:** 04/14/2017 9:19:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
METALS BY ICP/MS					E200.8	E200.8 Analyst: MK
Lead	ND	1.0		µg/L	1	04/20/2017 2:38:27 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



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

**CLIENT:** City of Tempe Lead & Copper  
**Matrix:** DRINKING WATER  
**Lab ID:** 1704182-009A  
**Project:** ADEQ School Lead Initiative  
**Client Sample ID** Kyrene Elementary District\_Kyrene Altadena\_9 screening

**Tag Number:**

**Collection Date:** 04/14/2017 9:22:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
METALS BY ICP/MS					E200.8	E200.8 Analyst: MK
Lead	ND	1.0		µg/L	1	04/20/2017 2:42:24 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



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

**CLIENT:** City of Tempe Lead & Copper  
**Matrix:** DRINKING WATER  
**Lab ID:** 1704182-010A  
**Project:** ADEQ School Lead Initiative  
**Client Sample ID** Kyrene Elementary District\_Kyrene Altadena\_10 screening

**Tag Number:**

**Collection Date:** 04/14/2017 9:27:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
METALS BY ICP/MS					E200.8	E200.8 Analyst: MK
Lead	ND	1.0		µg/L	1	04/20/2017 2:46:12 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



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

---

<b>CLIENT:</b>	City of Tempe Lead & Copper	<b>Tag Number:</b>	
<b>Matrix:</b>	DRINKING WATER	<b>Collection Date:</b>	04/14/2017 9:34:00 AM
<b>Lab ID:</b>	1704182-011A		
<b>Project:</b>	ADEQ School Lead Initiative		
<b>Client Sample ID</b>	Kyrene Elementary District_Kyrene Altadena_11 screening		

---

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>METALS BY ICP/MS</b>				<b>E200.8</b>	<b>E200.8</b>	Analyst: <b>MK</b>
Lead	ND	1.0		µg/L	1	04/20/2017 2:50:11 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



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

---

<b>CLIENT:</b>	City of Tempe Lead & Copper	<b>Tag Number:</b>	
<b>Matrix:</b>	DRINKING WATER	<b>Collection Date:</b>	04/14/2017 9:36:00 AM
<b>Lab ID:</b>	1704182-012A		
<b>Project:</b>	ADEQ School Lead Initiative		
<b>Client Sample ID</b>	Kyrene Elementary District_Kyrene Altadena_12 screening		

---

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>METALS BY ICP/MS</b>				<b>E200.8</b>	<b>E200.8</b>	Analyst: <b>MK</b>
Lead	ND	1.0		µg/L	1	04/20/2017 3:11:00 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



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

---

<b>CLIENT:</b>	City of Tempe Lead & Copper	<b>Tag Number:</b>	
<b>Matrix:</b>	DRINKING WATER	<b>Collection Date:</b>	04/14/2017 9:43:00 AM
<b>Lab ID:</b>	1704182-013A		
<b>Project:</b>	ADEQ School Lead Initiative		
<b>Client Sample ID</b>	Kyrene Elementary District_Kyrene Altadena_13 screening		

---

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>METALS BY ICP/MS</b>				<b>E200.8</b>	<b>E200.8</b>	Analyst: <b>MK</b>
Lead	ND	1.0		µg/L	1	04/20/2017 3:14:48 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



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

---

<b>CLIENT:</b>	City of Tempe Lead & Copper	<b>Tag Number:</b>	
<b>Matrix:</b>	DRINKING WATER	<b>Collection Date:</b>	04/14/2017 9:44:00 AM
<b>Lab ID:</b>	1704182-014A		
<b>Project:</b>	ADEQ School Lead Initiative		
<b>Client Sample ID</b>	Kyrene Elementary District_Kyrene Altadena_14 screening		

---

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>METALS BY ICP/MS</b>				<b>E200.8</b>	<b>E200.8</b>	Analyst: <b>MK</b>
Lead	ND	1.0		µg/L	1	04/20/2017 3:19:00 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





City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

---

<b>CLIENT:</b>	City of Tempe Lead & Copper	<b>Tag Number:</b>	
<b>Matrix:</b>	DRINKING WATER	<b>Collection Date:</b>	04/14/2017 9:53:00 AM
<b>Lab ID:</b>	1704182-015A		
<b>Project:</b>	ADEQ School Lead Initiative		
<b>Client Sample ID</b>	Kyrene Elementary District_Kyrene Altadena_15 screening		

---

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>METALS BY ICP/MS</b>				<b>E200.8</b>	<b>E200.8</b>	Analyst: <b>MK</b>
Lead	ND	1.0		µg/L	1	04/21/2017 7:54:51 AM

---

<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



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## Analytical Report

(base report)

WO#: 1704182

Date Reported: 04/24/2017

---

<b>CLIENT:</b>	City of Tempe Lead & Copper	<b>Tag Number:</b>	
<b>Matrix:</b>	DRINKING WATER	<b>Collection Date:</b>	04/14/2017 9:56:00 AM
<b>Lab ID:</b>	1704182-016A		
<b>Project:</b>	ADEQ School Lead Initiative		
<b>Client Sample ID</b>	Kyrene Elementary District_Kyrene Altadena_16 screening		

---

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
METALS BY ICP/MS				E200.8	E200.8	Analyst: MK
Lead	1.4	1.0		µg/L	1	04/21/2017 7:58:59 AM

---

<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



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## QC SUMMARY REPORT

WO#: 1704182

24-Apr-17

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

**BatchID:** 970

Sample ID	MB-970	SampType:	MBLK	TestCode:	200.8	Units:	µg/L	Prep Date:	04/18/2017	RunNo:	12285			
Client ID:	PBW	Batch ID:	970	TestNo:	E200.8	E200.8		Analysis Date:	04/20/2017	SeqNo:	143262			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	ND	1.0												
------	----	-----	--	--	--	--	--	--	--	--	--	--	--	--

Sample ID	LCS-970	SampType:	LCS	TestCode:	200.8	Units:	µg/L	Prep Date:	04/18/2017	RunNo:	12285			
Client ID:	LCSW	Batch ID:	970	TestNo:	E200.8	E200.8		Analysis Date:	04/20/2017	SeqNo:	143265			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	99	1.0	100.0	0	98.9	85	115							
------	----	-----	-------	---	------	----	-----	--	--	--	--	--	--	--

Sample ID	1704182-001AMS	SampType:	MS	TestCode:	200.8	Units:	µg/L	Prep Date:	04/18/2017	RunNo:	12285			
Client ID:	Kyrene Elementary	Batch ID:	970	TestNo:	E200.8	E200.8		Analysis Date:	04/20/2017	SeqNo:	143267			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	100	1.0	100.0	0	103	70	130							
------	-----	-----	-------	---	-----	----	-----	--	--	--	--	--	--	--

Sample ID	1704182-001AMSD	SampType:	MSD	TestCode:	200.8	Units:	µg/L	Prep Date:	04/18/2017	RunNo:	12285			
Client ID:	Kyrene Elementary	Batch ID:	970	TestNo:	E200.8	E200.8		Analysis Date:	04/20/2017	SeqNo:	143268			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	100	1.0	100.0	0	102	70	130	102.8	0.390	20				
------	-----	-----	-------	---	-----	----	-----	-------	-------	----	--	--	--	--

**Qualifiers:**

H Holding times for preparation or analysis exceeded  
RL Reporting Detection Limit

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

ND Not Detected at the Reporting Limit



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## QC SUMMARY REPORT

WO#: 1704182

24-Apr-17

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

**Project:** ADEQ School Lead Initiative

**BatchID:** 970

Sample ID	1704182-011AMS	SampType:	MS	TestCode:	200.8	Units:	µg/L	Prep Date:	04/18/2017	RunNo:	12285		
Client ID:	Kyrene Elementary	Batch ID:	970	TestNo:	E200.8	E200.8		Analysis Date:	04/20/2017	SeqNo:	143279		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		100		1.0	100.0	0	103	70	130				

Sample ID	1704182-011AMSD	SampType: MSD	TestCode: 200.8	Units: µg/L	Prep Date: 04/18/2017	RunNo: 12285					
Client ID: Kyrene Elementary	Batch ID: 970	TestNo: E200.8	E200.8	Analysis Date: 04/20/2017	SeqNo: 143280						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	100	1.0	100.0	0	103	70	130	102.9	0.0972	20	

**Qualifiers:**

H Holding times for preparation or analysis exceeded  
RL Reporting Detection Limit

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

ND Not Detected at the Reporting Limit



City of Tempe  
6600 S Price Rd  
Tempe, AZ 85283  
TEL: 4803502855 FAX: 4803502677  
Website: www.tempe.gov

## QC SUMMARY REPORT

WO#: 1704182

24-Apr-17

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

**BatchID:** 971

Sample ID <b>MB-971</b>	SampType: <b>MBLK</b>	TestCode: <b>200.8</b>	Units: <b>µg/L</b>	Prep Date: <b>04/18/2017</b>	RunNo: <b>12287</b>
Client ID: <b>PBW</b>	Batch ID: <b>971</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>04/21/2017</b>	SeqNo: <b>143326</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 1.0

Sample ID <b>LCS-971</b>	SampType: <b>LCS</b>	TestCode: <b>200.8</b>	Units: <b>µg/L</b>	Prep Date: <b>04/18/2017</b>	RunNo: <b>12287</b>
Client ID: <b>LCSW</b>	Batch ID: <b>971</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>04/21/2017</b>	SeqNo: <b>143329</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 99 1.0 100.0 0 99.2 85 115

Sample ID <b>1704181-003AMS</b>	SampType: <b>MS</b>	TestCode: <b>200.8</b>	Units: <b>µg/L</b>	Prep Date: <b>04/18/2017</b>	RunNo: <b>12287</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>971</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>04/21/2017</b>	SeqNo: <b>143333</b>
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 70 130

Sample ID <b>1704181-003AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>200.8</b>	Units: <b>µg/L</b>	Prep Date: <b>04/18/2017</b>	RunNo: <b>12287</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>971</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>04/21/2017</b>	SeqNo: <b>143334</b>
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 70 130 100.9 0.198 20

**Qualifiers:**

H Holding times for preparation or analysis exceeded  
RL Reporting Detection Limit

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

ND Not Detected at the Reporting Limit