



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

April 07, 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.: 1704042

Dear Justin Bern:

City of Tempe received 5 sample(s) on 04/05/2017 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

Case Narrative

WO#: 1704042
Date: 04/07/2017

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#: **1704042**

Date Reported: **04/07/2017**

CLIENT:	City of Tempe Lead & Copper	Tag Number:	
Matrix:	DRINKING WATER	Collection Date:	04/05/2017 7:28:00 AM
Lab ID:	1704042-001A		
Project:	ADEQ School Lead Initiative		
Client Sample ID	TUHSD_Tempe_High_School_1020-01A		

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	04/06/2017 2:41:55 PM

Qualifiers:	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#: **1704042**

Date Reported: **04/07/2017**

CLIENT:	City of Tempe Lead & Copper	Tag Number:	
Matrix:	DRINKING WATER	Collection Date:	04/05/2017 7:31:00 AM
Lab ID:	1704042-002A		
Project:	ADEQ School Lead Initiative		
Client Sample ID	TUHSD_Tempe_High_School_1020-01A (First Draw)		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
METALS BY ICP/MS				E200.8	E200.8	Analyst: MK
Lead	1.7	1.0		µg/L	1	04/06/2017 2:54:26 PM

Qualifiers:	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#: **1704042**

Date Reported: **04/07/2017**

CLIENT:	City of Tempe Lead & Copper	Tag Number:	
Matrix:	DRINKING WATER	Collection Date:	04/05/2017 7:32:00 AM
Lab ID:	1704042-003A		
Project:	ADEQ School Lead Initiative		
Client Sample ID	TUHSD_Tempe_High_School_1020-01A (1 min)		

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	04/06/2017 2:58:21 PM

Qualifiers:	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#: **1704042**

Date Reported: **04/07/2017**

CLIENT:	City of Tempe Lead & Copper	Tag Number:	
Matrix:	DRINKING WATER	Collection Date:	04/05/2017 7:38:00 AM
Lab ID:	1704042-004A		
Project:	ADEQ School Lead Initiative		
Client Sample ID	TUHSD_Tempe_High_School_1016-02A (First Draw)		

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	04/06/2017 3:02:16 PM

Qualifiers:	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#: **1704042**

Date Reported: **04/07/2017**

CLIENT:	City of Tempe Lead & Copper	Tag Number:	
Matrix:	DRINKING WATER	Collection Date:	04/05/2017 7:39:00 AM
Lab ID:	1704042-005A		
Project:	ADEQ School Lead Initiative		
Client Sample ID	TUHSD_Tempe_High_School_1016-02A (1 min)		

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	04/06/2017 3:06:05 PM

Qualifiers:	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#: 1704042

07-Apr-17

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

BatchID: 960

Sample ID	MB-960	SampType:	MBLK	TestCode:	200.8	Units:	µg/L	Prep Date:	04/06/2017	RunNo:	12181			
Client ID:	PBW	Batch ID:	960	TestNo:	E200.8	E200.8		Analysis Date:	04/06/2017	SeqNo:	142040			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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

Sample ID	LCS-960	SampType:	LCS	TestCode:	200.8	Units:	µg/L	Prep Date:	04/06/2017	RunNo:	12181			
Client ID:	LCSW	Batch ID:	960	TestNo:	E200.8	E200.8		Analysis Date:	04/06/2017	SeqNo:	142043			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	100	1.0	100.0	0	104	85	115							
------	-----	-----	-------	---	-----	----	-----	--	--	--	--	--	--	--

Sample ID	1704042-001AMS	SampType:	MS	TestCode:	200.8	Units:	µg/L	Prep Date:	04/06/2017	RunNo:	12181			
Client ID:	TUHSD_Tempe_Hig	Batch ID:	960	TestNo:	E200.8	E200.8		Analysis Date:	04/06/2017	SeqNo:	142047			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	110	1.0	100.0	0	108	70	130							
------	-----	-----	-------	---	-----	----	-----	--	--	--	--	--	--	--

Sample ID	1704042-001AMSD	SampType:	MSD	TestCode:	200.8	Units:	µg/L	Prep Date:	04/06/2017	RunNo:	12181			
Client ID:	TUHSD_Tempe_Hig	Batch ID:	960	TestNo:	E200.8	E200.8		Analysis Date:	04/06/2017	SeqNo:	142048			
Analyte		Result		PQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	110	1.0	100.0	0	108	70	130	107.5	0.741	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