

January 4, 2019

City of Gridley-DW
 685 Kentucky Street
 Gridley, CA 95948

Lab ID : CH 1890538
 Customer : 7-3092

Laboratory Report

Introduction: This report package contains total of 6 pages divided into 3 sections:

- Case Narrative (2 pages) : An overview of the work performed at FGL.
- Sample Results (3 pages) : Results for each sample submitted.
- Quality Control (1 page) : Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples: *ESPERANZA AULT. EDU.*

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
Classroom #1	12/27/2018	12/27/2018	CH 1890538-001	DW
Class Room #2	12/27/2018	12/27/2018	CH 1890538-002	DW
Staff Lounge	12/27/2018	12/27/2018	CH 1890538-003	DW

*0410004-AAF-1
AAF-L
AAF-C*

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.8	01/02/2019:218933 All analysis quality controls are within established criteria.
	01/02/2019:215302 All preparation quality controls are within established criteria, except: The following note applies to Lead: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

January 4, 2019
City of Gridley-DW

Lab ID : CH 1890538
Customer : 7-3092

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By Kelly A. Dunnahoo, B.S.



Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2019-01-07



January 4, 2019

Lab ID : CH 1890538-001

Customer ID : 7-3092

City of Gridley-DW

685 Kentucky Street

Gridley, CA 95948

Sampled On : December 27, 2018-09:08

Sampled By : Jerry Cox

Received On : December 27, 2018-14:30

Matrix : Drinking Water

Description : Classroom #1

Project : Esperanza Alt. Edu.

Sample Result - Copper/Lead

Constituent	Result	DLR	Units	AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Metals, Total								
Lead	ND	5	ug/L	15	200.8	01/02/19:215302	200.8	01/02/19:218933

ND = Non-Detected. DLR = Detection Level for Purposes of Reporting. AL = Action Level.



January 4, 2019

City of Gridley-DW
685 Kentucky Street
Gridley, CA 95948

Lab ID : CH 1890538-002
Customer ID : 7-3092

Sampled On : December 27, 2018-09:10
Sampled By : Jerry Cox
Received On : December 27, 2018-14:30
Matrix : Drinking Water

Description : Class Room #2
Project : Esperanza Alt. Edu.

Sample Result - Copper/Lead

Constituent	Result	DLR	Units	AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Metals, Total								
Lead	ND	5	ug/L	15	200.8	01/02/19:215302	200.8	01/02/19:218933

ND = Non-Detected. DLR = Detection Level for Purposes of Reporting. AL = Action Level.



January 4, 2019

Lab ID : CH 1890538-003

Customer ID : 7-3092

City of Gridley-DW
685 Kentucky Street
Gridley, CA 95948

Sampled On : December 27, 2018-09:12

Sampled By : Jerry Cox

Received On : December 27, 2018-14:30

Matrix : Drinking Water

Description : Staff Lounge

Project : Esperanza Alt. Edu.

Sample Result - Copper/Lead

Constituent	Result	DLR	Units	AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Metals, Total								
Lead	ND	5	ug/L	15	200.8	01/02/19:215302	200.8	01/02/19:218933

ND = Non-Detected. DLR = Detection Level for Purposes of Reporting. AL = Action Level.

January 4, 2019
City of Gridley-DW

Lab ID : CH 1890538
Customer : 7-3092

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Lead	200.8	(CH 1890536-001)	MS	ug/L	5.000	169 %	75-125	435
			MSD	ug/L	5.000	163 %	75-125	435
			MSRPD	ug/L	5.000	3.5%	≤20	
		(CH 1890538-003)	MS	ug/L	5.000	99.6 %	75-125	
			MSD	ug/L	5.000	115 %	75-125	
			MSRPD	ug/L	5.000	10.8%	≤20	
	200.8	01/02/19:218933AC	CCV	ppb	120.0	94.1 %	90-110	
			CCB	ppb		0.01	0.5	
			CCV	ppb	120.0	95.0 %	90-110	
			CCB	ppb		0.019	0.5	
			CCV	ppb	120.0	97.3 %	90-110	
			CCB	ppb		0.023	0.5	
			CCV	ppb	120.0	97.5 %	90-110	
			CCB	ppb		0.012	0.5	
Definition								
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.								
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.								
MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.								
MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.								
MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.								
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.								
Explanation								
435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.								