



October 1, 2019

Paradise Irrigation District
6332 Clark Road
Paradise, CA 95969

Lab ID : CH 1978465
Customer : 7-5855

Laboratory Report

Introduction: This report package contains total of 7 pages divided into 3 sections:

Case Narrative (2 pages) : An overview of the work performed at FGL.
Sample Results (4 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:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
Kitchen 0410007-AAE-A	09/19/2019	09/19/2019	CH 1978465-001	DW
Gym 0410007-AAE-C	09/19/2019	09/19/2019	CH 1978465-003	DW
D.F. Near 102 0410007-AAE-D	09/19/2019	09/19/2019	CH 1978465-004	DW
D.F. Near 201 0410007-AAE-E	09/19/2019	09/19/2019	CH 1978465-005	DW

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	09/23/2019:214878 All analysis quality controls are within established criteria.
	09/25/2019:215038 All analysis quality controls are within established criteria.
	09/23/2019:210939 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.
	09/25/2019:211068 All preparation quality controls are within established criteria.

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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: 2019-10-01



INORGANIC CHEMICALS ANALYSIS

Date of Report : October 01, 2019 Sample ID : CH 1978465-001
 Laboratory Name : **FGL Environmental** Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2019-10-01
 Sampled On : 09/19/2019-04:46
 Received On : 09/19/2019-10:02 Sampler : Laura Capra
 Completed On : 09/23/2019 Employed By : Paradise Irrigation

System Name : PARADISE IRRIGATION DISTRICT Number : 0410007-AAE- **EDT**
A

Name Or Number of Sample Source : **Paradise Intermediat-Kitchen**

User ID	: BUG	Station Number	: 0410007-AAE-A
Date/Time of Sample	: 1909190446 YYMMDDTTTT	Laboratory Code	: 5 8 6 7
Submitted By	: FGL Environmental	Phone #	: (805) 392-2000

REGULATED INORGANIC

MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
15	ug/L	Lead	01051	ND	5

MCL - Maximum Contaminant Level, DLR -Detection Limit for Reporting Purpose, ND - Not Detected at or above DLR



INORGANIC CHEMICALS ANALYSIS

Date of Report : October 01, 2019 Sample ID : CH 1978465-003
 Laboratory Name : **FGL Environmental** Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2019-10-01
 Sampled On : 09/19/2019-04:49
 Received On : 09/19/2019-10:02 Sampler : Laura Capra
 Completed On : 09/25/2019 Employed By : Paradise Irrigation

System Name : PARADISE IRRIGATION DISTRICT Number : 0410007-AAE- EDT
C

Name Or Number of Sample Source : **Paradise Intermediat-Gym**

User ID	: BUG	Station Number	: 0410007-AAE-C
Date/Time of Sample	: 1909190449 YYMMDDTTTT	Laboratory Code	: 5 8 6 7
Submitted By	: FGL Environmental	Phone #	: (805) 392-2000

REGULATED INORGANIC

MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
15	ug/L	Lead	01051	ND	5

MCL - Maximum Contaminant Level, DLR -Detection Limit for Reporting Purpose, ND - Not Detected at or above DLR



INORGANIC CHEMICALS ANALYSIS

Date of Report : October 01, 2019 Sample ID : CH 1978465-004
 Laboratory Name : **FGL Environmental** Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2019-10-01
 Sampled On : 09/19/2019-04:53
 Received On : 09/19/2019-10:02 Sampler : Laura Capra
 Completed On : 09/23/2019 Employed By : Paradise Irrigation

System Name : PARADISE IRRIGATION DISTRICT Number : 0410007-AAE- **EDT**
D

Name Or Number of Sample Source : **Paradise Intermediat-D.F. near 102**

User ID	: BUG	Station Number	: 0410007-AAE-D
Date/Time of Sample	: 1909190453 YYMMDDTTT	Laboratory Code	: 5 8 6 7
Submitted By	: FGL Environmental	Phone #	: (805) 392-2000

REGULATED INORGANIC

MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
15	ug/L	Lead	01051	ND	5

MCL - Maximum Contaminant Level,

DLR -Detection Limit for Reporting Purpose,

ND - Not Detected at or above DLR



INORGANIC CHEMICALS ANALYSIS

Date of Report : October 01, 2019 Sample ID : CH 1978465-005
 Laboratory Name : **FGL Environmental** Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2019-10-01
 Sampled On : 09/19/2019-04:55
 Received On : 09/19/2019-10:02 Sampler : Laura Capra
 Completed On : 09/23/2019 Employed By : Paradise Irrigation

System Name : PARADISE IRRIGATION DISTRICT Number : 0410007-AAE- **EDT**
E

Name Or Number of Sample Source : **Paradise Intermediat-D.F. near 201**

User ID	: BUG	Station Number	: 0410007-AAE-E
Date/Time of Sample	: 1909190455 YYMMDDTTTT	Laboratory Code	: 5 8 6 7
Submitted By	: FGL Environmental	Phone #	: (805) 392-2000

REGULATED INORGANIC

MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
15	ug/L	Lead	01051	ND	5

MCL - Maximum Contaminant Level,

DLR -Detection Limit for Reporting Purpose,

ND - Not Detected at or above DLR



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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Lead	200.8	(CC 1983243-001)	MS	ug/L	5.000	75.2 %	75-125	
			MSD	ug/L	5.000	76.3 %	75-125	
			MSRPD	ug/L	5.000	1.3%	≤20	
		(CH 1978465-004)	MS	ug/L	5.000	73.8 %	75-125	435
			MSD	ug/L	5.000	74.2 %	75-125	435
			MSRPD	ug/L	5.000	0.6%	≤20	
	200.8	09/23/19:214878EMM	CCV	ppb	50.00	90.4 %	90-110	
			CCB	ppb		-0.023	0.5	
			CCV	ppb	50.00	90.6 %	90-110	
			CCB	ppb		-0.024	0.5	
	200.8	(CC 1983287-002)	MS	ug/L	5.000	106 %	75-125	
			MSD	ug/L	5.000	106 %	75-125	
			MSRPD	ug/L	5.000	0.5%	≤20	
	200.8	09/25/19:215038AC	CCV	ppb	120.0	98.4 %	90-110	
			CCB	ppb		-0.004	0.5	
			CCV	ppb	120.0	98.8 %	90-110	
CCB			ppb		-0.008	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.							

