

January 30, 2019

**Paradise Irrigation District**  
 6332 Clark Road  
 Paradise, CA 95969

Lab ID : CH 1970673  
 Customer : 7-5855

### Laboratory Report

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

Case Narrative	(1 pages) : An overview of the work performed at FGL.
Sample Results	(1 page) : 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
6225 Lancaster	01/23/2019	01/23/2019	CH 1970673-001	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:

### Organic QC

524.2	01/27/2019:201311 All analysis quality controls are within established criteria.
	01/27/2019:200989 All preparation quality controls are within established criteria, except: The following note applies to Benzene: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

**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

Reviewed and  
Approved By

**Kelly A. Dunnahoo, B.S.**



Digitally signed by Kelly A. Dunnahoo, B.S.  
 Title: Laboratory Director  
 Date: 2019-01-30

January 30, 2019

Lab ID : CH 1970673-001

Customer ID : 7-5855

**Paradise Irrigation District**

6332 Clark Road

Paradise, CA 95969

Sampled On : January 23, 2019-13:15

Sampled By : Laura Capra

Received On : January 23, 2019-14:05

Matrix : Drinking Water

Description : 6225 Lancaster

Project : Camp Fire

**Sample Result - Organic**

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>EPA 524.2</b>								
4-Bromofluorobenzene <sup>‡</sup>	110	70-130	%	1	524.2	01/27/19:200989	524.2	01/27/19:201311
1,2-Dichlorobenzene-d4 <sup>‡</sup>	104	70-130	%		524.2	01/27/19:200989	524.2	01/27/19:201311
Benzene	2.5	0.5	ug/L		524.2	01/27/19:200989	524.2	01/27/19:201311

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. \* PQL adjusted for dilution.

MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

January 30, 2019  
**Paradise Irrigation District**

Lab ID : CH 1970673  
 Customer : 7-5855

**Quality Control - Organic**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Organic</b> 1,2-Dichlorobenzene-d4	524.2	01/27/19:200989VRG (SP 1901084-001)	Blank	ug/L	10.00	103 %	70-130	
			MS	ug/L	10.00	111 %	70-130	
			MSD	ug/L	10.00	110 %	70-130	
			MSRPD	ug/L	10.00	0.6%	≤20	
	524.2	01/27/19:201311VRG	CCV	ug/L	10.00	110 %	70-130	
4-Bromofluorobenzene	524.2	01/27/19:200989VRG (SP 1901084-001)	Blank	ug/L	10.00	111 %	70-130	
			MS	ug/L	10.00	110 %	70-130	
			MSD	ug/L	10.00	110 %	70-130	
			MSRPD	ug/L	10.00	0.7%	≤30	
4-Bromofluorobenzene (BFB)	524.2	01/27/19:201311VRG	CCV	ug/L	10.00	111 %	70-130	
Benzene	524.2	01/27/19:200989VRG (SP 1901084-001)	Blank	ug/L		ND	<0.5	435
			MS	ug/L	10.00	163 %	12-158	
			MSD	ug/L	10.00	139 %	12-158	
			MSRPD	ug/L	10.00	16.2%	≤36	
	524.2	01/27/19:201311VRG	CCV	ug/L	10.00	117 %	70-130	
<b>Definition</b> CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria. Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples. 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. ND : Non-detect - Result was below the DQO listed for the analyte. DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.								
<b>Explanation</b> 435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.								