EXCELCHEM

Laboratories, Inc.

A Silver State Analytical Company

1135 W Sunset Boulevard Suite A Rocklin, CA 95765 Phone# 916-543-4445 Fax# 916-543-4449



ELAP Certificate No.: 2119

23 April 2019

Bill Taylor

Paradise Irrigation District

13888 Pine Needle Dr.

Magalia, CA 95954

RE: Camp Fire

Work order number: 1904092

Enclosed are the results of analyses for samples received by the laboratory on 04/16/19 12:45. All Quality Control results are within acceptable limits except where noted as a case narrative. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,

Joshua Cox, Lab Director

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TRAVEL BLANK	1904092-01	Water	04/15/19 00:00	04/16/19 12:45
8841 SKYWAY 1ST	1904092-02	Water	04/15/19 09:40	04/16/19 12:45
8841 SKYWAY 2ND	1904092-03	Water	04/15/19 09:55	04/16/19 12:45
6717 SKYWAY 1ST	1904092-04	Water	04/15/19 11:20	04/16/19 12:45
6717 SKYWAY 2ND	1904092-05	Water	04/15/19 11:25	04/16/19 12:45
6371 SKYWAY HYD 1ST	1904092-06	Water	04/15/19 11:35	04/16/19 12:45
6371 SKYWAY HYD 2ND	1904092-07	Water	04/15/19 11:40	04/16/19 12:45
6345 SKYWAY 1ST	1904092-08	Water	04/15/19 11:50	04/16/19 12:45
6345 SKYWAY 2ND	1904092-09	Water	04/15/19 11:55	04/16/19 12:45
7300 SKYWAY 1ST	1904092-10	Water	04/15/19 12:25	04/16/19 12:45
7300 SKYWAY 2ND	1904092-11	Water	04/15/19 12:35	04/16/19 12:45
7686 SKYWAY 1ST	1904092-12	Water	04/15/19 12:55	04/16/19 12:45
7686 SKYWAY 2ND	1904092-13	Water	04/15/19 13:00	04/16/19 12:45
8566 SKYWAY 1ST	1904092-14	Water	04/15/19 13:25	04/16/19 12:45
8566 SKYWAY 2ND	1904092-15	Water	04/15/19 13:30	04/16/19 12:45
8680 SKYWAY 1ST	1904092-16	Water	04/15/19 13:45	04/16/19 12:45
8680 SKYWAY 2ND	1904092-17	Water	04/15/19 14:00	04/16/19 12:45
8846 SKYWAY HYD 1ST	1904092-18	Water	04/15/19 14:05	04/16/19 12:45
8846 SKYWAY HYD 2ND	1904092-19	Water	04/15/19 14:10	04/16/19 12:45
8912 SKYWAY 1ST	1904092-20	Water	04/15/19 14:35	04/16/19 12:45
8912 SKYWAY 2ND	1904092-21	Water	04/15/19 14:45	04/16/19 12:45

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 1 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

TRAVEL BLANK 1904092-01 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds	-	2.5					EPA 524.2	
TBA	ND	2.5	ug/l "	A]D0181	04/17/19	04/17/19	EFA 324.2	
Methyl tert-Butyl Ether	ND	0.5	,,	,,	"	"	"	
Di-isopropyl ether	ND	0.5	,,	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	,,	,	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	,	"	"	"	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	
Vinyl chloride	ND	0.5	.,	"	"	"	"	Z-01
Chloromethane	ND	0.5					"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"		
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	ND	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Chloroform	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab

· CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 2 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

TRAVEL BLANK 1904092-01 (Water)

Volatile Organic Compounds by EPA 524.2	Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Terrachloroethene						-	-		
1,3-Dichloropropane ND	Volatile Organic Compounds by	EPA 524.2							
	Tetrachloroethene	ND	0.5	ug/l	A]D0181	04/17/19	04/17/19		
Chlorobezene ND	1,3-Dichloropropane	ND	0.5	"	"	"	"		
2-Hexanone	Chlorobenzene	ND	0.5	"	"	"	"	"	
Difference ND	2-Hexanone	ND	5.0	"	"	"	"	"	
Ethylbenzene	Dibromochloromethane	ND	0.5	"	"	"	"	"	
	Ethylbenzene	ND	0.5	"	"	"	"	"	
m.p-Xylene	1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
O-Sylene ND 0.5 " " " " " " " " " " " " " " " " " " "	m,p-Xylene	ND	0.5	"	"	"	"	"	
1,1,1,2-1etrachloroethane	o-Xylene	ND	0.5	"	"	"	"	"	
Styrene ND	1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
Bromober ND	Styrene	ND	0.5	"	"	"	"	"	
Isopropylenzene ND	Bromoform	ND	0.5	"	"	"	"	"	
Bromobenzene ND	Isopropylbenzene	ND	0.5	"	"	"	"	"	
1,1,2,2-Irichloropropane	Bromobenzene	ND	0.5	"	"	"	"	"	
1,2,5-11richloropropane	1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
n-Propylenzene ND 0.5 " " " " " " " 1,4-Dichlorobenzene ND 0.5 " " " " " " " " " " " " " " " " " " "	1,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
1,4-Dichlorobenzene	n-Propylbenzene	ND	0.5	"	"	"	"	"	
1,2-Dichorobenzene ND	1,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
2-Chlorotoluene ND 0.5 " " " " " " " " " " " " " " " " " " "	1,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
4-Chlorotoluene ND 0.5 " " " " " " " " " " tert-Butylbenzene ND 0.5 " " " " " " " " " " " " " " " " " " "	2-Chlorotoluene	ND	0.5	"	"	"	"	"	
1,3,5-1rimethylbenzene ND 0.5 " " " " " " " " " " 1,2,4-Trichlorobenzene ND 0.5 " " " " " " " " " " " " " " " " " " "	4-Chlorotoluene	ND	0.5	"	"	"	"	"	
1,2,4-Trichlorobenzene ND	1,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
1,2,4-Trichlorobenzene ND 0.5 " " " " " " " " " " " " " " " " " " "	tert-Butylbenzene	ND	0.5	"	"	"	"	"	
1,2,4-Trimethylbenzene ND 0.5 " " " " " " " " " " " " " " " " " " "	1,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
1,3-Dichlorobenzene ND 0.5 " " " " " " " " " " " " " " " " " " "	1,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
1,3-Dichlorobenzene ND 0.5 " " " " " " " " " " " " " " " " " " "	sec-Butylbenzene	ND	0.5	"	"	"	"	"	
4-Isopropyltotuene ND 0.5 " " " " " " " " " " 1,2-Dibromo-3-chloropropane ND 0.5 " " " " " " " " " " " " " " " " " " "	1,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
ND 0.5 " " " " " " " " " " " " "	4-Isopropyltoluene	ND	0.5	"	"	"	"	"	
1,2-Dibromo-3-chloropropane ND 0.5 " " " " " " " " " " " " " " " " " " "	n-Butylbenzene	ND	0.5	"	"	"	"	"	
Hexachlorobutadiene ND 0.5 " " " " " " " " " " " " " " " " " " "	1,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
Naphthalene ND 0.5 " " " " " " " " " " " " " " " " " " "	Hexachlorobutadiene	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene ND 0.5 "<	Naphthalene	ND	0.5	"	"	"	"	"	
Xylenes, total ND 1.0 " " " " " " " " " " " " " " " " " " "	1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Surrogate: Dibromofluoromethane 107 % % Recovery Limits 70-130 " Surrogate: Toluene-d8 99.8 % % Recovery Limits 70-130 "	Xylenes, total		1.0	"	"	"	"	"	
	Surrogate: Dibromofluoromethane	107 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene 95.0 % Recovery Limits 70-130 "	Surrogate: Toluene-d8	99.8 %	% Recovery Limits		70-130			"	
	Surrogate: 4-Bromofluorobenzene	95.0 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab

CSP

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 3 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8841 SKYWAY 1ST 1904092-02 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds	-	2.5			0.1/1.5/1.0	0.1/4.5/4.0	EPA 524.2	
TBA	ND	2.5	ug/l "	A]D0181	04/16/19	04/16/19	EFA 324.2	
Methyl tert-Butyl Ether	ND	0.5	,,	,,	"	"	"	
Di-isopropyl ether	ND	0.5	,,	,	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	,,	,	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	.,	,	"	"	"	
Dichlorodifluoromethane	ND	0.5	,,	"	"	"	"	
Vinyl chloride	ND	0.5	.,		"	"	"	Z-01
Chloromethane	ND	0.5		"			"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"		
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	ND	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	37.5	0.5	"	"	"	"	"	
Benzene	25.2	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	ND	0.5	"	"	"	"	"	
Toluene	2.7	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab

. 85

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 4 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8841 SKYWAY 1ST 1904092-02 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
					-	-		
Volatile Organic Compounds by	EPA 524.2							
Tetrachloroethene	ND	0.5	ug/l	A]D0181	04/16/19	04/16/19	EPA 524.2	
1,3-Dichloropropane	ND	0.5	"	"	"	"	"	
2-Hexanone	ND	5.0	"	"	"	"	"	
Chlorobenzene	ND	0.5	"	"	"	"	"	
Dibromochloromethane	ND	0.5	"	"	"	"	"	
Ethylbenzene	1.1	0.5	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
m,p-Xylene	0.5	0.5	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
Styrene	ND	0.5	"	"	"	"	"	
Bromoform	ND	0.5	"	"	"	"	"	
Isopropylbenzene	ND	0.5	"	"	"	"	"	
Bromobenzene	ND	0.5	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
n-Propylbenzene	ND	0.5	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
2-Chlorotoluene	ND	0.5	"	"	"	"	"	
4-Chlorotoluene	ND	0.5	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
tert-Butylbenzene	ND	0.5	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
sec-Butylbenzene	ND	0.5	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
4-Isopropyltoluene	ND	0.5	"	"	"	"	"	
n-Butylbenzene	ND	0.5	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
Hexachlorobutadiene	ND	0.5	"	"	"	"	"	
Naphthalene	0.6	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	103 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	97.4 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	99.5 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 5 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8841 SKYWAY 2ND 1904092-03 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds	-	2.5			0.1/1.5/1.0	0.1/4.5/4.0	EPA 524.2	
TBA	ND	2.5	ug/l "	A]D0181	04/16/19	04/16/19	EFA 324.2	
Methyl tert-Butyl Ether	ND	0.5	,,	,,	"	"	"	
Di-isopropyl ether	ND	0.5	,,	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	,,	,	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	,	"	"	"	
Dichlorodifluoromethane	ND	0.5	,,	"	"	"	"	
Vinyl chloride	ND	0.5	.,	"	"	"	"	Z-01
Chloromethane	ND	0.5					"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"		
Acetone	14.2	5.0	"	"	"	"	"	
Iodomethane	ND	0.5	"	"	"	"		
Carbon disulfide	ND	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	75.4	0.5	"	"	"	"	"	
Benzene	6.9	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	1.6	0.5	"	"	"	"	"	
Toluene	0.9	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab

· CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 6 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8841 SKYWAY 2ND 1904092-03 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by	FDA 524 2							
etrachloroethene	ND	0.5	ug/l	A]D0181	04/16/19	04/16/19	EPA 524.2	
,3-Dichloropropane	ND	0.5	ug/I "	"	04/10/17	"	"	
Chlorobenzene	ND	0.5	,,	"	"	"	"	
-Hexanone	ND	5.0	"	"	,,	"	"	
bibromochloromethane	ND	0.5	,,	,,	"	"	"	
thylbenzene	1.2	0.5	"	"	,,	"	"	
,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
ı,p-Xylene	ND	0.5	,,	"	"	"	"	
-Xylene	ND	0.5	,,	"	"	"	"	
,1,1,2-Tetrachloroethane	ND	0.5	,,	"	,,	"	"	
tyrene	ND ND	0.5	,,	"	"	,,	"	
romoform	ND	0.5	,,	"	"	,,	"	
sopropylbenzene	ND ND	0.5	,,	"	"	,,	"	
romobenzene	ND ND	0.5	,,	"	,,	,,	"	
,1,2,2-Tetrachloroethane	ND ND	0.5	,,	"	,,	,,	"	
	ND ND	0.5	,,	"	,,	,,	"	
2,3-Trichloropropane -Propylbenzene	ND ND	0.5	,,	"	,,	,,	"	
	ND ND	0.5	,,	"	"	,,	"	
4-Dichlorobenzene			,,	,,			"	
2-Dichlorobenzene	ND	0.5	,,	"	"		"	
-Chlorotoluene	ND	0.5	,,	"	,,		"	
-Chlorotoluene	ND	0.5	,,	"	"	"	"	
,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5					"	
2,4-Trichlorobenzene	ND	0.5	"	"	"	"		
,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ec-Butylbenzene	ND	0.5	"	"	"	"	"	
3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Isopropyltoluene	ND	0.5	"	"	"	"		
-Butylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"		
exachlorobutadiene	ND	0.5	"	"	"	"	"	
aphthalene	ND	0.5	"	"	"	"	"	
2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
ylenes, total	ND	1.0	"	"	"	"	"	
urrogate: Dibromofluoromethane	103 %	% Recovery Limits		70-130			"	
urrogate: Toluene-d8	97.4 %	% Recovery Limits		70-130			"	
ırrogate: 4-Bromofluorobenzene	98.6 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab

CSF

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 7 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

6717 SKYWAY 1ST 1904092-04 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds	-	2.5			0.4/4.5/4.0	0.1/1=/10	EPA 524.2	
TBA	ND	2.5	ug/l "	A]D0181	04/16/19	04/17/19	EFA 324.2	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	,,	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.5	"				"	
Vinyl chloride	ND	0.5		"	"	"	"	Z-01
Chloromethane	ND	0.5	"	"	"	"	"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"		
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	10.2	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	49.8	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	59.7	0.5	"	"	"	"	"	
Benzene	0.6	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	4.0	0.5	"	"	"	"	"	
Toluene	1.0	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab

· CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 8 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

6717 SKYWAY 1ST 1904092-04 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by							EPA 524.2	
etrachloroethene	ND	0.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
,3-Dichloropropane	ND	0.5	"	"	"	"	"	
hlorobenzene	ND	0.5	"	"	"	"	"	
-Hexanone	ND	5.0	"	"	"	"		
ibromochloromethane	ND	0.5	"	"	"	"	"	
thylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
ı,p-Xylene	ND	0.5	"	"	"	"	"	
-Xylene	ND	0.5	"	"	"	"	"	
1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
tyrene	ND	0.5	"	"	"	"	"	
romoform	ND	0.5	"	"	"	"	"	
sopropylbenzene	ND	0.5	"	"	"	"	"	
romobenzene	ND	0.5	"	"	"	"	"	
1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
-Propylbenzene	ND	0.5	"	"	"	"	"	
4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5	"	,,	"	"	"	
2,4-Trichlorobenzene	ND ND	0.5	,,	,,	,,	"	"	
	ND ND	0.5	,,	,,	"	"	"	
2,4-Trimethylbenzene			,,	,,	"		"	
ec-Butylbenzene	ND	0.5	"		"		"	
3-Dichlorobenzene	ND	0.5	,,	"	"	"	"	
-Isopropyltoluene	ND	0.5			"		"	
-Butylbenzene	ND	0.5	"	"		"		
2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
exachlorobutadiene	ND	0.5	"	"	"	"		
aphthalene	1.6	0.5	"	"	"	"	"	
2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
ylenes, total	ND	1.0	"	"	"	"	"	
urrogate: Dibromofluoromethane	102 %	% Recovery Limits		70-130			"	
urrogate: Toluene-d8	97.8 %	% Recovery Limits		70-130			"	
urrogate: 4-Bromofluorobenzene	98.6 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 9 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

6717 SKYWAY 2ND 1904092-05 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
7					*******	.,,		
Volatile Organic Compounds b	oy EPA 524.2							
TBA	ND	2.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	
Vinyl chloride	ND	0.5	"	"	"	"	"	Z-01
Chloromethane	ND	0.5	"	"	"	"	"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	5.8	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	28.3	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	2.1	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab

· CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 10 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

6717 SKYWAY 2ND 1904092-05 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
olatile Organic Compounds by								
etrachloroethene	ND	0.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
3-Dichloropropane	ND	0.5	"	"	"	"	"	
Thlorobenzene	ND	0.5	"	"	"	"	"	
-Hexanone	ND	5.0	"	"	"	"	"	
Dibromochloromethane	ND	0.5	"	"	"	"	"	
thylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
n,p-Xylene	ND	0.5	"	"	"	"	"	
,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
-Xylene	ND	0.5	"	"	"	"	"	
tyrene	ND	0.5	"	"	"	"	"	
romoform	ND	0.5	"	"	"	"	"	
sopropylbenzene	ND	0.5	"	"	"	"	"	
romobenzene	ND	0.5	"	"	"	"	"	
,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
-Propylbenzene	ND	0.5	"	"	"	"	"	
,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5	"	"	"	"	"	
,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ec-Butylbenzene	ND	0.5	"	"	"	"	"	
,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Isopropyltoluene	ND	0.5	"	"	"	"	"	
-Butylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
lexachlorobutadiene	ND	0.5	"	"	"	"	"	
laphthalene	ND	0.5	"	"	"	"	"	
2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Tylenes, total	ND	1.0	"	"	"	"	"	
urrogate: Dibromofluoromethane	104 %	% Recovery Limits		70-130			"	
urrogate: Toluene-d8	98.6 %	% Recovery Limits		70-130			"	
urrogate: 4-Bromofluorobenzene	97.1 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 11 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

6371 SKYWAY HYD 1ST 1904092-06 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
	ED4 5343							
Volatile Organic Compounds TBA	- -	2.5	Л	1300101	0.4/1.6/10	04/15/10	EPA 524.2	
	ND	2.5	ug/l "	A]D0181	04/16/19	04/17/19	L111 324.2	
Methyl tert-Butyl Ether	ND	0.5	"	,,	"		"	
Di-isopropyl ether	ND	0.5	"	,,	"		"	
Ethyl tert-Butyl Ether	ND	0.5	,,	,,	"		"	
Fert-Amyl Methyl Ether	ND	0.5	,,	,,			"	
Dichlorodifluoromethane	ND	0.5	,,	"	"	"	"	7.04
/inyl chloride	ND	0.5		"	"	"	"	Z-01
Chloromethane	ND	0.5	"				"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
cetone	ND	5.0	"	"	"	"	"	
odomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	ND	0.5	"	"	"	"	"	
rans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
is-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
,1-Dichloroethane	ND	0.5	"	"	"	"	"	
-Butanone	ND	5.0	"	"	"	"	"	
,2-Dichloropropane	ND	0.5	"	"	"	"	"	
,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	30.3	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
,2-Dichloroethane	ND	0.5	,,	,,	"	"	"	
richloroethene	ND	0.5	"	,,	"	"	"	
	ND	0.5	"	,,	,,	,,	"	
,1-Dichloropropene ,2-Dichloropropane	ND ND	0.5	"	,,	,,	,,	"	
			"	,,	"		"	
Dibromomethane	ND	0.5	,,	"	,,		"	
romodichloromethane	2.2	0.5	"	"	"	"	"	
oluene	ND	0.5						
is-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
-Methyl-2-pentanone	ND	5.0	"	"	"	"		
rans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab

· CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 12 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

6371 SKYWAY HYD 1ST 1904092-06 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
	ED4 5242							
Volatile Organic Compounds by Tetrachloroethene	ND	0.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
	ND ND	0.5	ug/i	A]D0181	04/16/19	04/1//19	"	
,3-Dichloropropane Chlorobenzene	ND ND	0.5	"	"	"	,,	"	
-Hexanone	ND ND	5.0	"	"	"	,	"	
-Hexanone Dibromochloromethane		0.5	"	"	"	,,	"	
Ethylbenzene	ND ND	0.5	,,	,,	,,	,	"	
•			"	,,	,,		"	
,2-Dibromoethane (EDB)	ND	0.5	,,	,,	,,		"	
n,p-Xylene	ND	0.5		"	,,		"	
-Xylene	ND ND	0.5	"	"	"	"	"	
,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	7.0
Styrene	ND	0.5	"	,,	,,		"	Z-01
Bromoform	ND	0.5	"	"	"		"	
sopropylbenzene	ND	0.5	"	"	"	"	"	
Bromobenzene	ND	0.5	"				"	
,1,2,2-Tetrachloroethane	ND	0.5		"	"	"		
,2,3-Trichloropropane	ND	0.5	"	"	"	"		
-Propylbenzene	ND	0.5	"	"	"	"		
,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
,2-Dichlorobenzene	ND	0.5	"	"	"	"		
-Chlorotoluene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5	"	"	"	"	"	
,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ec-Butylbenzene	ND	0.5	"	"	"	"	"	
,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Isopropyltoluene	ND	0.5	"	"	"	"	"	
-Butylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
Iexachlorobutadiene	ND	0.5	"	"	"	"	"	
Japhthalene	ND	0.5	"	"	"	"	"	
,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Kylenes, total	ND	1.0	"	"	"	"	"	
urrogate: Dibromofluoromethane	105 %	% Recovery Limits		70-130			"	
urrogate: Toluene-d8	98.2 %	% Recovery Limits		70-130			"	
urrogate: 4-Bromofluorobenzene	96.1 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab

CSF

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 13 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

6371 SKYWAY HYD 2ND 1904092-07 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds l	-							
ГВА	ND	2.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
ert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	
/inyl chloride	ND	0.5	"	"	"	"	"	Z-01
Chloromethane	ND	0.5	"	"	"	"	"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
richlorofluoromethane	ND	0.5	"	"	"	"	"	
otal Trihalomethanes	ND	0.5	"	"	"	"	"	
,1-Dichloroethene	ND	0.5	"	"	"	"	"	
richlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
cetone	ND	5.0	"	"	"	"	"	
odomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	ND	0.5	"	"	"	"	"	
rans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
is-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
,1-Dichloroethane	ND	0.5	"	"	"	"	"	
-Butanone	ND	5.0	"	"	"	"	"	
,2-Dichloropropane	ND	0.5	"	"	"	"	"	
,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	27.0	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
,2-Dichloroethane	ND	0.5	"	"	"	"	"	
richloroethene	ND	0.5	"	"	"	"	"	
,1-Dichloropropene	ND	0.5	"	"	"	"	"	
,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
romodichloromethane	2.1	0.5	"	"	"	"	"	
oluene	ND	0.5	"	,,	"	"	"	
is-1,3-Dichloropropene	ND	0.5	"	,,	"	"	"	
,1,2-Trichloroethane	ND ND	0.5	"	,,	"	"	"	
-Methyl-2-pentanone	ND	5.0	"	,,	"	"	"	
			"	,,	"	"	"	
rans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab

· CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 14 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

6371 SKYWAY HYD 2ND 1904092-07 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by	v EPA 524.2							
Tetrachloroethene	ND	0.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
1,3-Dichloropropane	ND	0.5	"	"	"	"	"	
Chlorobenzene	ND	0.5	"	"	"	"	"	
2-Hexanone	ND	5.0	"	"	"	"	"	
Dibromochloromethane	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
n,p-Xylene	ND	0.5	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
Styrene	ND	0.5	"	"	"	"	"	Z-01
Bromoform	ND	0.5	"	"	"	"	"	
sopropylbenzene	ND	0.5	"	"	"	"	"	
Bromobenzene	ND	0.5	"	"	"	"	"	
,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
-Propylbenzene	ND	0.5	"	"	"	"	"	
,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
2-Chlorotoluene	ND	0.5	"	"	"	"	"	
1-Chlorotoluene	ND	0.5	"	"	"	"	"	
,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5	"	"	"	"	"	
,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ec-Butylbenzene	ND	0.5	"	"	"	"	"	
,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Isopropyltoluene	ND	0.5	"	"	"	"	"	
n-Butylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
Hexachlorobutadiene	ND	0.5	"	"	"	"	"	
Vaphthalene	ND	0.5	"	"	"	"	"	
,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Kylenes, total	ND	1.0	"	"	"	"	"	
urrogate: Dibromofluoromethane	102 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	97.7 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	98.6 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 15 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

6345 SKYWAY 1ST 1904092-08 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds l	-	2.5					EPA 524.2	
TBA	ND	2.5	ug/l "	A]D0181	04/16/19	04/17/19	EFA 324.2	
Methyl tert-Butyl Ether	ND	0.5		"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5		"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"				"	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	
Vinyl chloride	ND	0.5	"	"	"	"	"	Z-01
Chloromethane	ND	0.5	"	"	"	"	"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"		
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	
odomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	2.0	0.5	"	"	"	"	"	
rans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
sis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	53.6	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
,1-Dichloropropene	ND	0.5	"	"	"	"	"	
,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	3.7	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
sis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
-Methyl-2-pentanone	ND	5.0	,,	"	"	"	"	
rans-1,3-Dichloropropene	ND ND	0.5	,,	"	"	"	"	

Excelchem Environmental Lab

. 85

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 16 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

6345 SKYWAY 1ST 1904092-08 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by	EPA 524.2							
etrachloroethene	ND	0.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
,3-Dichloropropane	ND	0.5	"	"	"	"	"	
Chlorobenzene	ND	0.5	"	"	"	"	"	
-Hexanone	ND	5.0	"	"	"	"	"	
Dibromochloromethane	ND	0.5	"	"	"	"	"	
thylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
ı,p-Xylene	ND	0.5	"	"	"	"	"	
-Xylene	ND	0.5	"	"	"	"	"	
,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
tyrene	ND	0.5	"	"	"	"	"	Z-01
Bromoform	ND	0.5	"	"	"	"	"	
sopropylbenzene	ND	0.5	"	"	"	"	"	
Bromobenzene	ND	0.5	"	"	"	"	"	
,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
-Propylbenzene	ND	0.5	"	"	"	"	"	
,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5	"	"	"	"	"	
,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ec-Butylbenzene	ND	0.5	"	"	"	"	"	
,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Isopropyltoluene	ND	0.5	"	"	"	"	"	
-Butylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromo-3-chloropropane	ND ND	0.5	"	"	"	"	"	
,z-Dibromo-3-emoropropane lexachlorobutadiene	ND ND	0.5	"	"	"	"	"	
Vaphthalene	ND ND	0.5	,,	"	"	"	"	
•	ND ND	0.5	,,	,,	"	"	"	
,2,3-Trichlorobenzene			"	"	"	"	"	
Xylenes, total urrogate: Dibromofluoromethane	ND 103 %	1.0 % Recovery Limits		70-130			"	
urrogate: Dioromojtuoromethane urrogate: Toluene-d8	98.2 %	% Recovery Limits % Recovery Limits		70-130 70-130			"	
urrogate: 10tuene-us urrogate: 4-Bromofluorobenzene	96.1 %	% Recovery Limits % Recovery Limits		70-130			"	

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 17 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

6345 SKYWAY 2ND 1904092-09 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
					- F	,		
Volatile Organic Compounds b	y EPA 524.2							
TBA	ND	2.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	
Vinyl chloride	ND	0.5	"	"	"	"	"	Z-01
Chloromethane	ND	0.5	"	"	"	"	"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	10.3	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	27.6	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	2.2	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

· CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 18 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

6345 SKYWAY 2ND 1904092-09 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
olatile Organic Compounds by	EDA 524 2							
etrachloroethene	ND	0.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
3-Dichloropropane	ND	0.5	ug/1	AJD0161	04/10/19	04/1//19	"	
hlorobenzene	ND ND	0.5	,,	"	"	"	"	
Hexanone	ND	5.0	,,	"	"	"	"	
ibromochloromethane	ND	0.5	,,	"	"	"	"	
thylbenzene	ND	0.5	"	"	"	"	"	
2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
,p-Xylene	ND	0.5	"	"	"	"	"	
Xylene	ND	0.5	"	"	"	"	"	
1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
yrene	ND	0.5	"	"	"	"	"	Z-01
romoform	ND	0.5	"	"	"	"	"	
opropylbenzene	ND	0.5	"	"	"	"	"	
romobenzene	ND	0.5	"	"	"	"	"	
1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
Propylbenzene	ND	0.5	"	"	"	"	"	
4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
Chlorotoluene	ND	0.5	"	"	"	"	"	
Chlorotoluene	ND	0.5	"	"	"	"	"	
3,5-Trimethylbenzene	ND	0.5	**	"	"	"	"	
rt-Butylbenzene	ND	0.5	"	"	"	"	"	
2,4-Trichlorobenzene	ND	0.5	**	"	"	"	"	
2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
c-Butylbenzene	ND	0.5	"	"	"	"	"	
3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
Isopropyltoluene	ND	0.5	"	"	"	"	"	
Butylbenzene	ND	0.5	"	"	"	"	"	
2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
exachlorobutadiene	ND	0.5	"	"	"	"	"	
aphthalene	ND	0.5	"	"	"	"	"	
2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
ylenes, total	ND	1.0	"	"	"	"	"	
urrogate: Dibromofluoromethane	105 %	% Recovery Limits		70-130			"	
urrogate: Toluene-d8	98.3 %	% Recovery Limits		70-130			"	
urrogate: 4-Bromofluorobenzene	96.2 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 19 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

7300 SKYWAY 1ST 1904092-10 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds	-	2.5					EPA 524.2	
TBA	ND	2.5	ug/l "	A]D0181	04/16/19	04/17/19	EFA 324.2	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	,,	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.5	"				"	
Vinyl chloride	ND	0.5		"	"	"	,,	Z-01
Chloromethane	ND	0.5	"	"	"	"	"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"		
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	ND	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	54.6	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab

. 8

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 20 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

7300 SKYWAY 1ST 1904092-10 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by	7 EPA 524 2							
Tetrachloroethene	ND	0.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
,3-Dichloropropane	ND	0.5	"	"	"	"	"	
Chlorobenzene	ND	0.5	"	"	"		"	
-Hexanone	ND	5.0	"	"	"	"	"	
Dibromochloromethane	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
n,p-Xylene	ND	0.5	"	"	"	"	"	
-Xylene	ND	0.5	"	"	"	"	"	
,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
Styrene	ND	0.5	"	"	"	"	"	Z-01
Bromoform	ND	0.5	"	"	"	"	"	
sopropylbenzene	ND	0.5	"	"	"	"	"	
Bromobenzene	ND	0.5	"	"	"	"	"	
,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
-Propylbenzene	ND	0.5	"	"	"	"	"	
,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5	"	"	"	"	"	
,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ec-Butylbenzene	ND	0.5	"	"	"	"	"	
,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Isopropyltoluene	ND	0.5	"	"	"	"	"	
-Butylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
Hexachlorobutadiene	ND	0.5	"	"	"	"	"	
Vaphthalene	ND	0.5	"	"	"	"	"	
,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Kylenes, total	ND	1.0	"	"	"	"	"	
urrogate: Dibromofluoromethane	105 %	% Recovery Limits		70-130			"	
'urrogate: Toluene-d8	97.3 %	% Recovery Limits		70-130			"	
urrogate: 4-Bromofluorobenzene	94.7 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 21 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

7300 SKYWAY 2ND 1904092-11 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds	- -	2.5					EPA 524.2	
TBA	ND	2.5	ug/l "	A]D0181	04/16/19	04/17/19	EFA 324.2	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	,,	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5		"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"				"	
Vinyl chloride	ND	0.5	"	"	"	"	"	Z-01
Dichlorodifluoromethane	ND	0.5	"	"	"	"		
Chloromethane	ND	0.5	"	"	"	"	"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"		
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	ND	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Chloroform	78.4	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	3.2	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
rans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab

, 87

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 22 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

7300 SKYWAY 2ND 1904092-11 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by	EPA 524.2							
Cetrachloroethene	ND	0.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
,3-Dichloropropane	ND	0.5	"	"	"	"	"	
-Hexanone	ND	5.0	"	"	"	"	"	
Chlorobenzene	ND	0.5	"	"	"	"	"	
Dibromochloromethane	ND	0.5	"	"	"	"	"	
,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
ı,p-Xylene	ND	0.5	"	"	"	"	"	
,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
-Xylene	ND	0.5	"	"	"	"	"	
tyrene	ND	0.5	"	"	"	"	"	Z-01
Bromoform	ND	0.5	"	"	"	"	"	
sopropylbenzene	ND	0.5	"	"	"	"	"	
Bromobenzene	ND	0.5	"	"	"	"	"	
,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Propylbenzene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5	"	"	"	"	"	
,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ec-Butylbenzene	ND	0.5	"	"	"	"	"	
,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Isopropyltoluene	ND	0.5	"	"	"	"	"	
-Butylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
Hexachlorobutadiene	ND	0.5	"	"	"	"	"	
Vaphthalene	ND	0.5	"	"	"	"	"	
,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Kylenes, total	ND	1.0	"	"	"	"	"	
urrogate: Dibromofluoromethane	104 %	% Recovery Limits		70-130			"	
urrogate: Toluene-d8	97.7 %	% Recovery Limits		70-130			"	
'urrogate: 4-Bromofluorobenzene	95.0 %	% Recovery Limits		70-130			,,	

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 23 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

7686 SKYWAY 1ST 1904092-12 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds	- -	2.5					EPA 524.2	
TBA	ND	2.5	ug/l "	A]D0181	04/16/19	04/17/19	EFA 324.2	
Methyl tert-Butyl Ether	ND	0.5	,,	"	"	"	"	
Di-isopropyl ether	ND	0.5	,,	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5		"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"				"	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	
Vinyl chloride	ND	0.5	"	"	"	"	"	Z-01
Chloromethane	ND	0.5	"	"	"	"	"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"		
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	11.4	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Chloroform	46.0	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	,,	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	3.3	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	,,	,,	"	"	"	
1,1,2-Trichloroethane	ND	0.5	,,	,,	"	"	"	
	ND	5.0	,,	,,	"	"	"	
4-Methyl-2-pentanone	ND ND	0.5	,,	,,	"	"	"	
rans-1,3-Dichloropropene	ND	0.5	•					

Excelchem Environmental Lab

. 85

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 24 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

7686 SKYWAY 1ST 1904092-12 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by	7 EPA 524 2							
Tetrachloroethene	ND	0.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
,3-Dichloropropane	ND	0.5	"	"	"	"	"	
Chlorobenzene	ND	0.5	"	"	"	"	"	
-Hexanone	ND	5.0	"	"	"	"	"	
Dibromochloromethane	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
n,p-Xylene	ND	0.5	"	"	"	"	"	
-Xylene	ND	0.5	"	"	"	"	"	
,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
Styrene	ND	0.5	"	"	"	"	"	Z-01
Bromoform	ND	0.5	"	"	"	"	"	
sopropylbenzene	ND	0.5	"	"	"	"	"	
Bromobenzene	ND	0.5	"	"	"	"	"	
,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
-Propylbenzene	ND	0.5	"	"	"	"	"	
,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5	"	"	"	"	"	
,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ec-Butylbenzene	ND	0.5	"	"	"	"	"	
,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Isopropyltoluene	ND	0.5	"	"	"	"	"	
-Butylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
Iexachlorobutadiene	ND	0.5	"	"	"	"	"	
Naphthalene	ND	0.5	"	"	"	"	"	
,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Kylenes, total	ND	1.0	"	"	"	"	"	
urrogate: Dibromofluoromethane	103 %	% Recovery Limits	<u> </u>	70-130			"	
'urrogate: Toluene-d8	98.3 %	% Recovery Limits		70-130			"	
'urrogate: 4-Bromofluorobenzene	96.1 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 25 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

7686 SKYWAY 2ND 1904092-13 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
,	- 3-2				- F	,		
Volatile Organic Compounds b	oy EPA 524.2							
TBA	ND	2.5	ug/l	A]D0181	04/17/19	04/17/19	EPA 524.2	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	
Vinyl chloride	ND	0.5	"	"	"	"	"	Z-01
Chloromethane	ND	0.5	"	"	"	"	"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	3.9	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	33.3	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	2.4	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	,,	"	"	"	

Excelchem Environmental Lab.

. 25

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 26 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

7686 SKYWAY 2ND 1904092-13 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by								
Tetrachloroethene	ND	0.5	ug/l	A]D0181	04/17/19	04/17/19	EPA 524.2	
1,3-Dichloropropane	ND	0.5	"	"	"	"	"	
Chlorobenzene	ND	0.5	"	"	"	"	"	
2-Hexanone	ND	5.0	"	"	"	"	"	
Dibromochloromethane	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
n,p-Xylene	ND	0.5	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
Styrene	ND	0.5	"	"	"	"	"	Z-01
Bromoform	ND	0.5	"	"	"	"	"	
sopropylbenzene	ND	0.5	"	"	"	"	"	
Bromobenzene	ND	0.5	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
n-Propylbenzene	ND	0.5	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
2-Chlorotoluene	ND	0.5	"	"	"	"	"	
4-Chlorotoluene	ND	0.5	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
sec-Butylbenzene	ND	0.5	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
4-Isopropyltoluene	ND	0.5	"	"	"	"	"	
n-Butylbenzene	ND	0.5	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
Hexachlorobutadiene	ND	0.5	"	"	"	"	"	
Naphthalene	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	107 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	101 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	95.6 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab.

CSP

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 27 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8566 SKYWAY 1ST 1904092-14 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds	- -	2.5					EPA 524.2	
TBA	ND	2.5	ug/l "	A]D0181	04/16/19	04/17/19	EPA 324.2	
Methyl tert-Butyl Ether	ND	0.5	,,	"	"	"	"	
Di-isopropyl ether	ND	0.5	,,	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.5	"				"	
Vinyl chloride	ND	0.5		"	"	"	"	Z-01
Chloromethane	ND	0.5	"	"	"	"	"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"		
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	0.8	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	39.0	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	2.5	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab

. 05

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 28 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8566 SKYWAY 1ST 1904092-14 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
$^{\prime}$ olatile Organic Compounds by	y EDA 524 2							
Tetrachloroethene	ND	0.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
,3-Dichloropropane	ND	0.5	ug/i	A]D0161	04/10/19	04/17/19	"	
Chlorobenzene	ND ND	0.5	,,	"	"	"	"	
2-Hexanone	ND ND	5.0	,,	"	"	"	"	
Dibromochloromethane	ND	0.5	,,	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
n,p-Xylene	ND	0.5	"	"	"	"	"	
1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
-Xylene	ND	0.5	"	"	"	"	"	
Styrene	ND	0.5	"	"	"	"	"	Z-01
Bromoform	ND	0.5	"	"	"	"	"	
sopropylbenzene	ND	0.5	"	"	"	"	"	
Bromobenzene	ND	0.5	"	"	"	"	"	
,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
-Propylbenzene	ND	0.5	"	"	"	"	"	
,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5	"	"	"	"	"	
,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ec-Butylbenzene	ND	0.5	"	"	"	"	"	
,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Isopropyltoluene	ND	0.5	"	"	"	"	"	
-Butylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
Iexachlorobutadiene	ND	0.5	"	"	"	"	"	
Japhthalene	ND	0.5	"	"	"	"	"	
,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Kylenes, total	ND	1.0	"	"	"	"	"	
urrogate: Dibromofluoromethane	106 %	% Recovery Limits		70-130			"	
urrogate: Toluene-d8	96.6 %	% Recovery Limits		70-130			"	
urrogate: 4-Bromofluorobenzene	95.1 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab.

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 29 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8566 SKYWAY 2ND 1904092-15 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds	-	2.5			0.1/1.5/1.0	0.1/4=/4.0	EPA 524.2	
TBA	ND	2.5	ug/l "	A]D0181	04/16/19	04/17/19	EFA 324.2	
Methyl tert-Butyl Ether	ND	0.5	,,	,,	"	"	"	
Di-isopropyl ether	ND	0.5	,,	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	,,	,	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	,	"	"	"	
Dichlorodifluoromethane	ND	0.5	,,	"	"	"	"	7.04
Vinyl chloride	ND	0.5	.,		"	"	"	Z-01
Chloromethane	ND	0.5		"			"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"		
Acetone	ND	5.0	"	"	"	"	"	
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	2.1	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	24.2	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Γrichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	2.0	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab

5 85

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 30 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8566 SKYWAY 2ND 1904092-15 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
	ED4 5242							
Volatile Organic Compounds by Tetrachloroethene	ND	0.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
	ND ND	0.5	ug/i	A]D0181	04/16/19	04/1//19	"	
,3-Dichloropropane Chlorobenzene	ND ND	0.5	"	"	"	,,	"	
-Hexanone	ND ND	5.0	"	"	"	,	"	
-riexanone Dibromochloromethane		0.5	"	"	,,	,,	"	
Ethylbenzene	ND ND	0.5	,,	,,	,,	,	"	
•			"	,,	,,		"	
,2-Dibromoethane (EDB)	ND	0.5	,,	,,	,,		"	
n,p-Xylene	ND	0.5		"	,,		"	
-Xylene	ND ND	0.5	"	"	"	"	"	
,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	7.0
Styrene	ND	0.5	"	,,	,,		"	Z-01
Bromoform	ND	0.5	"	"	"		"	
sopropylbenzene	ND	0.5	"	"	"	"	"	
Bromobenzene	ND	0.5	"				"	
,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"		
,2,3-Trichloropropane	ND	0.5		"	"	"		
-Propylbenzene	ND	0.5	"	"	"	"		
,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
,2-Dichlorobenzene	ND	0.5	"	"	"	"		
-Chlorotoluene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5	"	"	"	"	"	
,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ec-Butylbenzene	ND	0.5	"	"	"	"	"	
,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Isopropyltoluene	ND	0.5	"	"	"	"	"	
-Butylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
Hexachlorobutadiene	ND	0.5	"	"	"	"	"	
Japhthalene	ND	0.5	"	"	"	"	"	
,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Kylenes, total	ND	1.0	"	"	"	"	"	
urrogate: Dibromofluoromethane	103 %	% Recovery Limits		70-130			"	
urrogate: Toluene-d8	98.5 %	% Recovery Limits		70-130			"	
urrogate: 4-Bromofluorobenzene	96.7 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab

CSP

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 31 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8680 SKYWAY 1ST 1904092-16 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
					•			
Volatile Organic Compounds h	oy EPA 524.2							
TBA	ND	2.5	ug/l	A]D0181	04/17/19	04/17/19	EPA 524.2	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	
Vinyl chloride	ND	0.5	"	"	"	"	"	Z-01
Chloromethane	ND	0.5	"	"	"	"	"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	ND	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Chloroform	48.2	0.5	"	"	"	"	"	
Benzene	0.7	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	3.2	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

· CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 32 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8680 SKYWAY 1ST 1904092-16 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by	7 EPA 524 2							
Tetrachloroethene	ND	0.5	ug/l	A]D0181	04/17/19	04/17/19	EPA 524.2	
,3-Dichloropropane	ND	0.5	"	"	"	"	"	
Chlorobenzene	ND	0.5	"	"	"	"	"	
-Hexanone	ND	5.0	"	"	"	"	"	
Dibromochloromethane	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
n,p-Xylene	ND	0.5	"	"	"	"	"	
-Xylene	ND	0.5	"	"	"	"	"	
,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
Styrene	ND	0.5	"	"	"	"	"	Z-01
Bromoform	ND	0.5	"	"	"	"	"	
sopropylbenzene	ND	0.5	"	"	"	"	"	
Bromobenzene	ND	0.5	"	"	"	"	"	
,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
-Propylbenzene	ND	0.5	"	"	"	"	"	
,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5	"	"	"	"	"	
,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ec-Butylbenzene	ND	0.5	"	"	"	"	"	
,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Isopropyltoluene	ND	0.5	"	"	"	"	"	
-Butylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
Hexachlorobutadiene	ND	0.5	"	"	"	"	"	
Vaphthalene	ND	0.5	"	"	"	"	"	
,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Kylenes, total	ND	1.0	"	"	"	"	"	
urrogate: Dibromofluoromethane	106 %	% Recovery Limits		70-130			"	
'urrogate: Toluene-d8	98.8 %	% Recovery Limits		70-130			"	
urrogate: 4-Bromofluorobenzene	96.1 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 33 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8680 SKYWAY 2ND 1904092-17 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
	- 2				- F	,		
Volatile Organic Compounds b	y EPA 524.2							
TBA	ND	2.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	
Vinyl chloride	ND	0.5	"	"	"	"	"	Z-01
Chloromethane	ND	0.5	"	"	"	"	"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	1.6	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	31.8	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	2.3	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab

5 8

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 34 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8680 SKYWAY 2ND 1904092-17 (Water)

3-Dichloropropane ND	Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Etrachlorocthene ND									
Second Content	Volatile Organic Compounds by	EPA 524.2							
1,3-Dichoropropane ND	Tetrachloroethene	ND	0.5	_	-	04/16/19	04/17/19		
Chloroborace	1,3-Dichloropropane	ND	0.5	"	"	"	"		
Section ND	Chlorobenzene	ND	0.5	"	"	"	"		
Distromethoromethane ND	2-Hexanone	ND	5.0	"	"	"	"	"	
Carried Commonstance (EDB) ND	Dibromochloromethane	ND	0.5	"	"	"	"	"	
	Ethylbenzene	ND	0.5	"	"	"	"	"	
N. N. N. N. N. N. N. N.	1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
ND	m,p-Xylene	ND	0.5	"	"	"	"	"	
1,1,1,2 etrachloroethane ND	o-Xylene	ND	0.5	"	"	"	"	"	
Styrene ND 0.5	1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
Somonform ND	Styrene	ND	0.5	"	"	"	"	"	Z-01
Sorroptionizene ND	Bromoform	ND	0.5	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	Isopropylbenzene	ND	0.5	"	"	"	"	"	
1,1,2,2-1etrachforoethane	Bromobenzene	ND	0.5	"	"	"	"	"	
1,4,5 Firchloropropane ND	1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
1.4-Dichlorobenzene ND	1,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
1,4-Dichlorobenzene		ND	0.5	"	"	"	"	"	
C-Chlorotoluene	1,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
1-Chlorotoluene	1,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
A-Chlorotoluene	2-Chlorotoluene	ND	0.5	"	"	"	"	"	
1,3,5-1rimethylbenzene	4-Chlorotoluene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene ND 0.5 " " " " " " " " " " " " " " " " " " "	1,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
1,2,4-Trinchlorobenzene	-	ND	0.5	"	"	"	"	"	
1,2,4-Trimethylbenzene	-	ND	0.5	"	"	"	"	"	
ND 0.5 " " " " " " " " " " " " "				"	"	"	"	"	
1,3-Dichlorobenzene		ND	0.5	"	"	"	"	"	
14-Isopropyltoluene ND 0.5 " " " " " " " " " 14-Isopropyltoluene ND 0.5 " " " " " " " " " " 15-Isopropyltoluene ND 0.5 " " " " " " " " " " " " " " " " " " "	-	ND	0.5	"	"	"	"	"	
n-Butylbenzene ND 0.5 " " " " " " " " " 1,2-Dibromo-3-chloropropane ND 0.5 " " " " " " " " " " " " " " " " " " "		ND	0.5	"	"	"	"	"	
1,2-Dibromo-3-chloropropane		ND	0.5	"	"	"	"	"	
Hexachlorobutadiene ND 0.5 " " " " " " " " " " Naphthalene ND 0.5 " " " " " " " " " " " " " " " " " " "	-			"	"	"	"	"	
Naphthalene ND 0.5 " " " " " " " " " " " " " " " " " " "	Hexachlorobutadiene			"	"	"	"	"	
I,2,3-Trichlorobenzene ND 0.5 "<	Naphthalene			"	"	"	"	"	
Xylenes, total ND 1.0 " " " " " " " " " " " " " " " " " " "	1,2,3-Trichlorobenzene			"	"	"	"	"	
Surrogate: Dibromofluoromethane 104 % % Recovery Limits 70-130 " Surrogate: Toluene-d8 98.3 % % Recovery Limits 70-130 "				"	"	"	"	"	
	Surrogate: Dibromofluoromethane				70-130			"	
Surrogate: 4-Bromofluorobenzene 97.4 % Recovery Limits 70-130	Surrogate: Toluene-d8	98.3 %	% Recovery Limits		70-130			"	
	Surrogate: 4-Bromofluorobenzene	97.4 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lah.

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 35 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8846 SKYWAY HYD 1ST 1904092-18 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds	- -	2.5			0.1/1.5/1.0	0.1/4=/4.0	EPA 524.2	
TBA	ND	2.5	ug/l "	A]D0181	04/16/19	04/17/19	EFA 324.2	
Methyl tert-Butyl Ether	ND	0.5	,,	,,	"	"	"	
Di-isopropyl ether	ND	0.5	,,	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	,,	,	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	,	"	"	"	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	T 04
Vinyl chloride	ND	0.5	.,		"	"	"	Z-01
Chloromethane	ND	0.5		"			"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"		
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	ND	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	30.6	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	2.2	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab

, 05

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 36 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8846 SKYWAY HYD 1ST 1904092-18 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
/-l-4:l- O:- C	EDA 524.2							
Volatile Organic Compounds by Tetrachloroethene	ND	0.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
	ND ND	0.5	ug/I	A]D0181	04/16/19	04/1//19	"	
,3-Dichloropropane Chlorobenzene	ND ND	0.5	"	"	"	,,	"	
-Hexanone	ND ND	5.0	"	"	"	,	"	
-riexanone Dibromochloromethane		0.5	"	"	,,	,,	"	
	ND ND	0.5	"	,,	,,	,	"	
Ethylbenzene			,		,,		"	
,2-Dibromoethane (EDB)	ND	0.5	"	,,	,,		"	
n,p-Xylene	ND	0.5	"	"	,,		"	
,1,1,2-Tetrachloroethane	ND ND	0.5	"	"	"	"	"	
-Xylene	ND	0.5	"	"	"	"	"	7.0
Styrene	ND	0.5	"	,,	,,		,,	Z-01
Bromoform	ND	0.5	"	"	"		"	
sopropylbenzene	ND	0.5	"	"	"	"	"	
Bromobenzene	ND	0.5	"				,,	
,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"		
,2,3-Trichloropropane	ND	0.5		"	"	"		
-Propylbenzene	ND	0.5	"	"	"	"	"	
,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
,2-Dichlorobenzene	ND	0.5	"	"	"	"		
-Chlorotoluene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5	"	"	"	"	"	
,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ec-Butylbenzene	ND	0.5	"	"	"	"	"	
,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Isopropyltoluene	ND	0.5	"	"	"	"	"	
-Butylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
Mexachlorobutadiene	ND	0.5	"	"	"	"	"	
Japhthalene	ND	0.5	"	"	"	"	"	
,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Tylenes, total	ND	1.0	"	"	"	"	"	
urrogate: Dibromofluoromethane	105 %	% Recovery Limits		70-130			"	
urrogate: Toluene-d8	99.1 %	% Recovery Limits		70-130			"	
urrogate: 4-Bromofluorobenzene	96.9 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab

CSP

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 37 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8846 SKYWAY HYD 2ND 1904092-19 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds	- -	2.5					EPA 524.2	
TBA	ND	2.5	ug/l "	A]D0181	04/17/19	04/17/19	EFA 324.2	
Methyl tert-Butyl Ether	ND	0.5	,,	"	"	"	"	
Di-isopropyl ether	ND	0.5	,,	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	,,	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	
Vinyl chloride	ND	0.5	.,		"	"	"	Z-01
Chloromethane	ND	0.5		"			"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"		
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	ND	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	30.8	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	2.2	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
rans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab

. 85

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 38 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8846 SKYWAY HYD 2ND 1904092-19 (Water)

Volatile Organic Compounds by EPA 524.2	Notes
Tetrachloroethene ND 0.5 ug/l A D0181 04/1719 04/1719 EPA 524.2 1,3-Dichloropropane ND 0.5 " " " " " " " " " " " " " " " " " " "	
1,3-Dichloropropage ND	
Chlorobenzene ND	
2-Hexanone ND	
Dibromochloromethane ND	
Ethylbenzene ND	
Mp-Sylene	
O-Xylene ND 0.5 " " " " " " " " " " " " " " " " " " "	
1,1,1,2-1etrachloroethane	
Styrene ND 0.5 "	
Strong S	Z-01
Sopropythenzene ND	
Brombotenzene ND	
1,1,2,2-1etrachloroethane	
1,2,3-Trichloropropane	
1,4-Dichlorobenzene ND 0.5 "	
1,4-Dichlorobenzene ND 0.5 " " " " " " " " " " " " " " " " " " "	
1,2-Dichlorobenzene ND 0.5 " " " " " " " " " " " " " " " " " " "	
2-Chlorotoluene ND 0.5 " " " " " " " " " 1,3,5-Trimethylbenzene ND 0.5 " " " " " " " " " " " " " " " " " " "	
4-Chlorotoluene ND 0.5 " " " " " " " " " " tert-Butylbenzene ND 0.5 " " " " " " " " " " " " " " " " " " "	
1,3,5-Trimethylbenzene ND 0.5 " " " " " " " " " " " " " " " " " " "	
tert-Butylbenzene ND 0.5 " " " " " " " " " " 1,2,4-Trichlorobenzene ND 0.5 " " " " " " " " " " " " " " " " " " "	
1,2,4-Trichlorobenzene ND 0.5 " " " " " " " " " " " " " " " " " " "	
1,2,4-Trimethylbenzene ND 0.5 "<	
sec-Butylbenzene ND 0.5 "	
1,3-Dichlorobenzene ND 0.5 " <td></td>	
4-Isopropyltoluene ND 0.5 " " " " " " " " " " 1,2-Dibromo-3-chloropropane ND 0.5 " " " " " " " " " " " " " " " " " " "	
n-Butylbenzene ND 0.5 "	
1,2-Dibromo-3-chloropropane ND 0.5 " " " " " " " " " " " " " " " " " " "	
Hexachlorobutadiene ND 0.5 "	
Naphthalene ND 0.5 "	
1,2,3-Trichlorobenzene ND 0.5 "<	
Xylenes, total ND 1.0 " " " " " "	
Surrogate: Toluene-d8 98.6 % % Recovery Limits 70-130 "	
Surrogate: 4-Bromofluorobenzene 97.4 % % Recovery Limits 70-130 "	

Excelchem Environmental Lab.

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 39 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8912 SKYWAY 1ST 1904092-20 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds	- -	2.5					EPA 524.2	
TBA	ND	2.5	ug/l "	A]D0181	04/16/19	04/17/19	EFA 324.2	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5		"	"	"	"	
Γert-Amyl Methyl Ether	ND	0.5	"				"	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	
Vinyl chloride	ND	0.5	"	"	"	"	"	Z-01
Chloromethane	ND	0.5	"	"	"	"	"	
Bromomethane	ND	0.5	"	"	"	"		
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	
odomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	2.4	0.5	"	"	"	"	"	
rans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
eis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Chloroform	37.5	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Frichloroethene	ND	0.5	"	"	"	"	"	
,1-Dichloropropene	ND	0.5	"	"	"	"	"	
,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	,,	,,	"	"	"	
Bromodichloromethane	2.6	0.5	,,	"	"	"	"	
Foluene	ND	0.5	,,	,,	"	"	"	
sis-1,3-Dichloropropene	ND ND	0.5	,,	,,	"	"	"	
			,,	,,	"	"	"	
,1,2-Trichloroethane	ND ND	0.5	,,	,,	"	"	"	
l-Methyl-2-pentanone	ND	5.0	.,	,,	,,		"	
rans-1,3-Dichloropropene	ND	0.5	"	"	"	.,		

Excelchem Environmental Lab

· CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 40 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8912 SKYWAY 1ST 1904092-20 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
olatile Organic Compounds by	EPA 524.2							
etrachloroethene	ND	0.5	ug/l	A]D0181	04/16/19	04/17/19	EPA 524.2	
,3-Dichloropropane	ND	0.5	"	"	"	"	"	
Chlorobenzene	ND	0.5	"	"	"	"	"	
-Hexanone	ND	5.0	"	"	"	"	"	
Dibromochloromethane	ND	0.5	"	"	"	"	"	
thylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
n,p-Xylene	ND	0.5	"	"	"	"	"	
-Xylene	ND	0.5	"	"	"	"	"	
,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
tyrene	ND	0.5	"	"	"	"	"	Z-01
Bromoform	ND	0.5	"	"	"	"	"	
sopropylbenzene	ND	0.5	"	"	"	"	"	
Bromobenzene	ND	0.5	"	"	"	"	"	
,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
-Propylbenzene	ND	0.5	"	"	"	"	"	
,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
-Chlorotoluene	ND	0.5	"	"	"	"	"	
,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5	"	"	"	"	"	
,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ec-Butylbenzene	ND	0.5	"	"	"	"	"	
,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
-Isopropyltoluene	ND	0.5	"	"	"	"	"	
-Butylbenzene	ND	0.5	"	"	"	"	"	
,2-Dibromo-3-chloropropane	ND ND	0.5	"	"	"	,,	"	
exachlorobutadiene	ND ND	0.5	"	"	"	"	"	
Taphthalene	ND ND	0.5	,,	"	"	"	"	
•	ND ND	0.5	,,	,,	"	"	"	
,2,3-Trichlorobenzene		0.5 1.0	"	"	"	"	"	
Cylenes, total urrogate: Dibromofluoromethane	ND 106 %	% Recovery Limits		70-130			"	
urrogate: Toluene-d8	97.8 %	% Recovery Limits		70-130 70-130			"	
urrogate: 10tuene-us	97.4 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 41 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8912 SKYWAY 2ND 1904092-21 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
	- 9-55-5				- F	,		
Volatile Organic Compounds h	oy EPA 524.2							
TBA	ND	2.5	ug/l	A]D0181	04/17/19	04/17/19	EPA 524.2	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	
Vinyl chloride	ND	0.5	"	"	"	"	"	Z-01
Chloromethane	ND	0.5	"	"	"	"	"	
Bromomethane	ND	0.5	"	"	"	"	"	
Chloroethane	ND	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	
Total Trihalomethanes	ND	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	
Methylene chloride	ND	3.0	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	
Iodomethane	ND	0.5	"	"	"	"	"	
Carbon disulfide	1.4	0.5	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	
2-Butanone	ND	5.0	"	"	"	"	"	
2,2-Dichloropropane	ND	0.5	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	
Carbon tetrachloride	ND	0.5	"	"	"	"	"	
Bromochloromethane	ND	0.5	"	"	"	"	"	
Chloroform	31.5	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	
Trichloroethene	ND	0.5	"	"	"	"	"	
1,1-Dichloropropene	ND	0.5	"	"	"	"	"	
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	
Dibromomethane	ND	0.5	"	"	"	"	"	
Bromodichloromethane	2.2	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

. 85

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 42 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

8912 SKYWAY 2ND 1904092-21 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by								
Tetrachloroethene	ND	0.5	ug/l	A]D0181	04/17/19	04/17/19	EPA 524.2	
1,3-Dichloropropane	ND	0.5	"	"	"	"	"	
Chlorobenzene	ND	0.5	"	"	"	"	"	
2-Hexanone	ND	5.0	"	"	"	"	"	
Dibromochloromethane	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
n,p-Xylene	ND	0.5	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
Styrene	ND	0.5	"	"	"	"	"	Z-01
Bromoform	ND	0.5	"	"	"	"	"	
sopropylbenzene	ND	0.5	"	"	"	"	"	
Bromobenzene	ND	0.5	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	
n-Propylbenzene	ND	0.5	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
2-Chlorotoluene	ND	0.5	"	"	"	"	"	
1-Chlorotoluene	ND	0.5	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	
ert-Butylbenzene	ND	0.5	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	
sec-Butylbenzene	ND	0.5	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.5	"	"	"	"	"	
4-Isopropyltoluene	ND	0.5	"	"	"	"	"	
n-Butylbenzene	ND	0.5	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	
Hexachlorobutadiene	ND	0.5	"	"	"	"	"	
Naphthalene	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	108 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	99.1 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	97.5 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 43 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch AlD0181 - EPA 524.2

lank (A]D0181-BLK1)				Prepared & Anal	yzed: 04/16/19	
urrogate: Dibromofluoromethane	12.7		ug/l	12.5	102	70-130
urrogate: Toluene-d8	12.4		"	12.5	99.3	70-130
urrogate: 4-Bromofluorobenzene	12.4		"	12.5	99.0	70-130
BA	ND	2.5	"			
lethyl tert-Butyl Ether	ND	0.5	"			
i-isopropyl ether	ND	0.5	"			
hyl tert-Butyl Ether	ND	0.5	"			
ert-Amyl Methyl Ether	ND	0.5	"			
inyl chloride	ND	0.5	"			
chlorodifluoromethane	ND	0.5	"			
hloromethane	ND	0.5	"			
romomethane	ND	0.5	"			
hloroethane	ND	0.5	"			
richlorofluoromethane	ND	0.5	"			
1-Dichloroethene	ND	0.5	"			
otal Trihalomethanes	ND	0.5	"			
richlorotrifluoroethane	ND	1.0	"			
cetone	ND	5.0	"			
ethylene chloride	ND	3.0	"			
domethane	ND	0.5	"			
arbon disulfide	ND	0.5	"			
ans-1,2-Dichloroethene	ND	0.5	"			
1-Dichloroethane	ND	0.5	"			
s-1,2-Dichloroethene	ND	0.5	"			
Butanone	ND	5.0	"			
2-Dichloropropane	ND	0.5	"			
1,1-Trichloroethane	ND	0.5	"			
romochloromethane	ND	0.5	"			
arbon tetrachloride	ND	0.5	"			
nloroform	ND	0.5	"			
enzene	ND	0.5	"			
2-Dichloroethane	ND	0.5	"			
ichloroethene	ND	0.5	"			
I-Dichloropropene	ND	0.5	"			
2-Dichloropropane	ND	0.5	"			
ibromomethane	ND	0.5	"			
romodichloromethane	ND	0.5	"			
bluene	ND	0.5	"			
s-1,3-Dichloropropene	ND	0.5	"			

Excelchem Environmental Lab.

CSP

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 44 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch A]D0181 - EPA 524.2

Blank (A]D0181-BLK1)				Prepared & Analyzed: 04/16/19
1,1,2-Trichloroethane	ND	0.5	ug/l	
4-Methyl-2-pentanone	ND	5.0	"	
trans-1,3-Dichloropropene	ND	0.5	"	
Tetrachloroethene	ND	0.5	"	
1,3-Dichloropropane	ND	0.5	"	
2-Hexanone	ND	5.0	"	
Chlorobenzene	ND	0.5	"	
Dibromochloromethane	ND	0.5	"	
Ethylbenzene	ND	0.5	"	
,2-Dibromoethane (EDB)	ND	0.5	"	
n,p-Xylene	ND	0.5	"	
o-Xylene	ND	0.5	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	
Styrene	ND	0.5	"	
Bromoform	ND	0.5	"	
sopropylbenzene	ND	0.5	"	
Bromobenzene	ND	0.5	"	
,1,2,2-Tetrachloroethane	ND	0.5	"	
,2,3-Trichloropropane	ND	0.5	"	
,4-Dichlorobenzene	ND	0.5	"	
-Propylbenzene	ND	0.5	"	
-Chlorotoluene	ND	0.5	"	
,2-Dichlorobenzene	ND	0.5	"	
-Chlorotoluene	ND	0.5	"	
,3,5-Trimethylbenzene	ND	0.5	"	
ert-Butylbenzene	ND	0.5	"	
,2,4-Trichlorobenzene	ND	0.5	"	
,2,4-Trimethylbenzene	ND	0.5	"	
ec-Butylbenzene	ND	0.5	"	
,3-Dichlorobenzene	ND	0.5	"	
-Isopropyltoluene	ND	0.5	"	
-Butylbenzene	ND	0.5	"	
,2-Dibromo-3-chloropropane	ND	0.5	"	
Hexachlorobutadiene	ND	0.5	"	
Naphthalene	ND	0.5	"	
1,2,3-Trichlorobenzene	ND	0.5	"	
Kylenes, total	ND	1.0	"	

Excelchem Environmental Lab.

Q ST

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 45 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

		Reporting		Spike	Source		%REC Limits		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch A]D0181 - EPA 524.2

Blank (A]D0181-BLK2)				Prepared & Anal	yzed: 04/17/19		
Surrogate: Dibromofluoromethane	13.3		ug/l	12.5	107	70-130	
Gurrogate: Toluene-d8	12.5		"	12.5	100	70-130	
urrogate: 4-Bromofluorobenzene	11.8		"	12.5	94.4	70-130	
BA	ND	2.5	"				
hyl tert-Butyl Ether	ND	0.5	"				
sopropyl ether	ND	0.5	"				
l tert-Butyl Ether	ND	0.5	"				
Amyl Methyl Ether	ND	0.5	"				
lorodifluoromethane	ND	0.5	"				
yl chloride	ND	0.5	"				
oromethane	ND	0.5	"				
nomethane	ND	0.5	"				
roethane	ND	0.5	"				
lorofluoromethane	ND	0.5	"				
pichloroethene	ND	0.5	"				
l Trihalomethanes	ND	0.5	"				
orotrifluoroethane	ND	1.0	"				
ne	ND	5.0	"				
lene chloride	ND	3.0	"				
ethane	ND	0.5	"				
n disulfide	ND	0.5	"				
,2-Dichloroethene	ND	0.5	"				
-Dichloroethene	ND	0.5	"				
ichloroethane	ND	0.5	"				
nnone	ND	5.0	"				
chloropropane	ND	0.5	"				
Trichloroethane	ND	0.5	"				
ochloromethane	ND	0.5	"				
n tetrachloride	ND	0.5	"				
oform	ND	0.5	"				
ene	ND	0.5	"				
Dichloroethane	ND	0.5	"				
loroethene	ND	0.5	"				
ichloropropene	ND	0.5	"				
Dichloropropane	ND	0.5	"				
momethane	ND	0.5	"				
nodichloromethane	ND	0.5	"				
ene	ND	0.5	"				
3-Dichloropropene	ND	0.5	"				

Excelchem Environmental Lab

CSP

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 46 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

										1
		Reporting		Spike	Source		%REC		RPD	1
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch A]D0181 - EPA 524.2

Blank (A]D0181-BLK2)				Prepared & Analyzed: 04/17/19
1,1,2-Trichloroethane	ND	0.5	ug/l	
4-Methyl-2-pentanone	ND	5.0	"	
trans-1,3-Dichloropropene	ND	0.5	"	
Tetrachloroethene	ND	0.5	"	
1,3-Dichloropropane	ND	0.5	"	
2-Hexanone	ND	5.0	"	
Chlorobenzene	ND	0.5	"	
Dibromochloromethane	ND	0.5	"	
,2-Dibromoethane (EDB)	ND	0.5	"	
Ethylbenzene	ND	0.5	"	
n,p-Xylene	ND	0.5	"	
o-Xylene	ND	0.5	"	
,1,1,2-Tetrachloroethane	ND	0.5	"	
Styrene	ND	0.5	"	
Bromoform	ND	0.5	"	
sopropylbenzene	ND	0.5	"	
Bromobenzene	ND	0.5	"	
,1,2,2-Tetrachloroethane	ND	0.5	"	
,2,3-Trichloropropane	ND	0.5	"	
-Propylbenzene	ND	0.5	"	
,4-Dichlorobenzene	ND	0.5	"	
-Chlorotoluene	ND	0.5	"	
,2-Dichlorobenzene	ND	0.5	"	
-Chlorotoluene	ND	0.5	"	
,3,5-Trimethylbenzene	ND	0.5	"	
,2,4-Trichlorobenzene	ND	0.5	"	
ert-Butylbenzene	ND	0.5	"	
,2,4-Trimethylbenzene	ND	0.5	"	
ec-Butylbenzene	ND	0.5	"	
,3-Dichlorobenzene	ND	0.5	"	
-Isopropyltoluene	ND	0.5	"	
-Butylbenzene	ND	0.5	"	
,2-Dibromo-3-chloropropane	ND	0.5	"	
Hexachlorobutadiene	ND	0.5	"	
Naphthalene	ND	0.5	"	
1,2,3-Trichlorobenzene	ND	0.5	"	
Kylenes, total	ND	1.0	"	

Excelchem Environmental Lab

CSP

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 47 of 52

١	Paradise Irrigation District	Project:	Camp Fire	
١	13888 Pine Needle Dr.	Project Number:	[none]	Date Reported:
l	Magalia, CA 95954	Project Manager:	Bill Taylor	04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch A]D0181 - EPA 524.2

LCS (A]D0181-BS1)				Prepared & Ana	lyzed: 04/16/19	
Surrogate: Dibromofluoromethane	12.8		ug/l	12.5	102	70-130
Surrogate: Toluene-d8	12.5		"	12.5	100	70-130
Surrogate: 4-Bromofluorobenzene	12.4		"	12.5	99.6	70-130
1,1-Dichloroethene	23.4	0.5	"	20.0	117	80-120
Benzene	22.0	0.5	"	20.0	110	80-120
Trichloroethene	22.4	0.5	"	20.0	112	80-120
Toluene	21.4	0.5	"	20.0	107	80-120
Chlorobenzene	21.6	0.5	"	20.0	108	80-120

Excelchem Environmental Lab

CSP

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 48 of 52

Paradise Irrigation District	Project:	Camp Fire	
13888 Pine Needle Dr.	Project Number:	[none]	Date Reported:
Magalia, CA 95954	Project Manager:	Bill Taylor	04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch A]D0181 - EPA 524.2

LCS (A]D0181-BS2)				Prepared & Ana	lyzed: 04/17/19		
Surrogate: Dibromofluoromethane	12.9		ug/l	12.5	103	70-130	
Surrogate: Toluene-d8	12.4		"	12.5	99.4	70-130	
urrogate: 4-Bromofluorobenzene	12.2		"	12.5	97.8	70-130	
1-Dichloroethene	22.3	0.5	"	20.0	111	80-120	
nzene	22.5	0.5	"	20.0	113	80-120	
chloroethene	22.4	0.5	"	20.0	112	80-120	
uene	22.1	0.5	"	20.0	110	80-120	
orobenzene	22.0	0.5	"	20.0	110	80-120	

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 49 of 52

Paradise Irrigation District	Project:	Camp Fire	
13888 Pine Needle Dr.	Project Number:	[none]	Date Reported:
Magalia, CA 95954	Project Manager:	Bill Taylor	04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

		Reporting	***	Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch A]D0181 - EPA 524.2

LCS Dup (A]D0181-BSD1)				Prepared & Ana	lyzed: 04/16/19			
Surrogate: Dibromofluoromethane	12.4		ug/l	12.5	98.9	70-130		
Surrogate: Toluene-d8	12.5		"	12.5	100	70-130		
Surrogate: 4-Bromofluorobenzene	12.5		"	12.5	99.8	70-130		
1,1-Dichloroethene	22.7	0.5	"	20.0	114	80-120	3.03	15
Benzene	22.1	0.5	"	20.0	110	80-120	0.318	15
Trichloroethene	22.4	0.5	"	20.0	112	80-120	0.312	15
Toluene	21.7	0.5	"	20.0	108	80-120	1.20	15
Chlorobenzene	21.7	0.5	"	20.0	108	80-120	0.370	15

Excelchem Environmental Lab.

CSP

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 50 of 52

Paradise Irrigation District	Project:	Camp Fire	
13888 Pine Needle Dr.	Project Number:	[none]	Date Reported:
Magalia, CA 95954	Project Manager:	Bill Taylor	04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

		Reporting	***	Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch A|D0181 - EPA 524.2

LCS Dup (A]D0181-BSD2)				Prepared & Ana	lyzed: 04/17/19			
Surrogate: Dibromofluoromethane	13.0		ug/l	12.5	104	70-130		
Surrogate: Toluene-d8	12.6		"	12.5	100	70-130		
Surrogate: 4-Bromofluorobenzene	12.5		"	12.5	99.8	70-130		
1,1-Dichloroethene	23.5	0.5	"	20.0	118	80-120	5.45	15
Benzene	22.4	0.5	"	20.0	112	80-120	0.489	15
Trichloroethene	22.3	0.5	"	20.0	111	80-120	0.492	15
Toluene	22.0	0.5	"	20.0	110	80-120	0.363	15
Chlorobenzene	21.9	0.5	"	20.0	109	80-120	0.593	15

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 51 of 52

Paradise Irrigation District	Project:	Camp Fire	
13888 Pine Needle Dr.	Project Number:	[none]	Date Reported:
Magalia, CA 95954	Project Manager:	Bill Taylor	04/23/19 11:26

Notes and Definitions

Z-01 Sample was preserved with HCl, a known interferent of this analyte. Results may be affected.

ND Analyte not detected at reporting limit.

NR Not reported

Excelchem Environmental Lab

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative Page 52 of 52

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

Excelchem Environmental Labs	n abs		Ph: 916	Rocklin, Ph: 916-543-4445	Rocklin, CA 95765 916-543-4445 Fx: 916-543-4449	13-4449	웃	CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST	Y RECORD AN	D ANALYSIS R	EQUES
Project Manager: Laura Capra	pra	Bill Taylor			20		Electroni × .PDF	Electronic Data Deliverables Request X	quest	Email Address: lcapra@paradiseirrig	s: iseirrigation.com
Company/Address: Paradise Irrigation District 13888 Pine Needle Dr Magalia, Ca 95954	radise Irriga Magalia, C	tion District a 95954			Fax#	3	1 de 6	Other (please specify)		Employ (What adiscilling	Schille and L. Coll.
							ANAL	ANALYSIS REQUEST		Page	of P
Project Number/P.O#:				1	Project Name:Camp Fire	Camp Fire			Wet		Bin#
Project Location: PARADISE	ADISE				Sampler Name and Signature	and Signature:			. Ud		Work Order
	Sampling	g	Container	er	Method Preserved	Matrix					
Sample	Date T	Time	ss		OTHER)	OTTL			<		•
		VOA	SLEEVE 1L GLAS PLASTIC	Tedlar or : Canister n	HCI HNO ₃ ICE NONE (WATER SOIL AIR	524.2		Metals = Metals =	Metals =	LAB USE
TRAVEL BLANK	4/15/2019	×				×	×		_		
8841 SKYWAY 1ST 4	4/15/2019 940	40 ×				×	×				
8841 SKYWAY 2ND 4	4/15/2019	955 x				×	×				
6717 SKYWAY 1ST 4	4/15/2019 /	/20 x				×	×				
6717 SKYWAY 2ND 4	4/15/2019 //.	/25 ×				×	×			,	6)43
6371 SKYWAY HYD 14	4/15/2019 //	135 X				×	×				
6371 SKYWAY HYD 24	4/15/2019	140 X				×	×		*.		9
6345 SKYWAY 1ST 4	4/15/2019 //	X 025				×	×				
6345 SKYWAY 2ND 4	4/15/2019 / (×				×	×			0 3	
7300 SKYWAY 1ST 4	4/15/2019 /23	×				×	×				9
7300 SKYWAY 2ND 4	4/15/2019	235 x				×	×		81		
7686 SKYWÁY 1ST 4	4/15/2019	×				×	×				
Relinquished by:(sign and print)	and print)			Time R	Received by	by:(sign and print)	_Z D	Remarks/Condition of Sample	nple:	£	
Jam A	1	=	16/9/00	10000	1/2	Executive	3	5 Day	terparocol		1904092
Relinquished by: (sign and print)	and print)	D	\top	Time R	Received by Laboratory:	Laborato	de hem			BIN A	A I B
34/104/	Kcelcher	1/01/4		12:45	2		7	110:		1	

Excelchem Environmental Lah.

CS

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

	93934	V							-	ject				Dili Tayloi							-			.3/19 11.2
		Relinquished, by:(sign and print)		91/2 SKYWAY 2ND	8112 SKYWAY 1ST	8846 SKYWAY HYD	8846 SKYWAY HYD	8680 SKYWAY 2ND	8680 SKYWAY 1ST	8566 SKYWAY 2ND	8566 SKYWAY 1ST	7686 SKYWAY 2ND		Sample ID		,	Project Location: PARADISE		Project Number/P.O#:		Company/Address: Paradise Irrigation District 13888 Pine Needle Dr Magalia, Ca 95954		Project Manager: Laura Capra Bill Taylor	Excelchem Environmental Labs
Sign of the state	sign and armit	sign and print		4/15/2019	4/15/2019	24/15/2019	14/15/2019	4/15/2019 i Ya	4/15/2019	4/15/2019	4/15/2019	4/15/2019		Date	Sam		RADISE				aradise Irr Magalia		ıra Capra	abs
				1995	Jan	14/0	1408	i ya	1345	_/	132	1350		Time	Sampling						igation Dis 1, Ca 959		Bill Taylo	
4/16/19	4- 6 C		\perp	×	×	×	×	×	×	×	×,	×		VOA							strict 54			
0/10	Date	Date	+-	+-	-	-	-	-		-	-	-		SLEEVE 1L GLASS	8									무
-	5	+	+-	+	\vdash	-	-	-		-	\vdash			PLASTIC	Container									11:
12:45	Cy3%	Time												Tedlar or SUMMA Canister number	ner .			4						1135 W. Sunset Blvd. Suite A Rocklin, CA 95765 Ph: 916-543-4445 Fx: 916-543-4
(sign	Re N	₽ e												HCI	ъ_		Sam		Proj		Fax#		င္သ	္က e
(sign fand pjint) EXCC	evi N	Received by:(sign and print)		_										HNO₃	Method Preserved		Sampler Name and Signature:		Project Name:Camp Fire		#		530-521-6109	A 95765 Fx: 916-543-4449
SE.	8	<u>e</u>	+	+-	-	-	-	-		_	-	-	-	ICE NONE / OTHER	18 g		ame a		ame:				6109	55 16-54
NXI	E 3	V:(sign	+	×	×	×	×	×	×	×	×	×		WATER	-		S bu		Cam					3-44
1/8	Excelchen Laboratory	n and p	+	T	\vdash	\vdash	\vdash	\vdash			\vdash	\vdash		SOIL	Matrix		gnatu		p Fire		4			49
J E	toy	orint)												AIR	₹.		<u>a</u>		Φ					
elch			1	×	×	×	×	×	×	×	×	×		524.2						AN		×	E E	
Exceldrum Bill To		7	+-	-	-		-	-	_	-	-	-	_							ANALYSIS REQUEST	Other (please specify)	.PDF Geotracker (Global ID)	Electronic Data Deliverables Request:	본
=		Remarks/Condition of Sample:	+	+	\vdash	\vdash	+-	\vdash	-	\vdash	\vdash	-				7				SY	(ple	trac	lic D	1
8		arks			-															S	ease sp	<u>e</u>	ata	P
		S -	+		_	\vdash	\vdash	\vdash	\vdash	\vdash	-	_	\vdash							E	pecify)	Globa	Deli	표
	,	<u>a</u>																		E		<u></u>	/era	2
		o L		_																PST			bles	ST
	N	Sa _	+	+-	-	-	-	-	-	-	╀	-	_										Re	음
	_	릛	+	+-	+-	\vdash	to.	\vdash	-	\vdash	+	+-	-										ques	~
	>	" -	+	+	\vdash	\vdash	+	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash										7	
	1																							8
	\																		_					召
	T	\vdash	1	+-			╀	-	_	-	-	-	-	Metals =			\dashv	_ _	-		ı	1		A
	7	\vdash	+	+	\vdash	+	+	+-	-	\vdash	\vdash	\vdash	-	Metals =			\dashv	Total	Wet			19 10	ш	8
	\	\vdash	+	+-	1 4 4	-	+	+	\vdash	\vdash	\vdash	\vdash	\vdash	Wictais –					_			taylo	mai	≥
1 1	,	′ -	\top	T	T	1	\dagger	\vdash	\vdash	T	T	T											A	
																				Pac		lcapra@parac btaylor@parac	Email Address	
				1		1		1												e		dise	Š	Sis
	9	-	+-	+-	+	+	-	+	-	-	-	-	-							N		irrig		70
	10			100				-								5			B	읔		ation		E E
	1904092		4											LAB USE		Work Order:		Due Date:	Bin#	10		capra@paradiseirrigation.com otaylor@paradiseirrigation.com		CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Excelchem Environmental Lab

CSP

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Paradise Irrigation DistrictProject:Camp Fire13888 Pine Needle Dr.Project Number:[none]Date Reported:Magalia, CA 95954Project Manager:Bill Taylor04/23/19 11:26

Sample Integrity
Date Received: 4/16/2019

WORK ORDER:

1904092

Section 1 - Sample Arrival Info.

Sample Transport: **EXCELCHEM Courier**

Transported In:

Ice Chest

Describe type of packing materials: N/A

Has chilling process begun? Yes

Samples Received: On Ice

Temperature of Samples (°C): 9.4 Ice Chest Temperature(s) (°C): 9.6

Section 2 – Bottle/Analysis Info.				
-	Yes	No	N/A	Comments
Did all bottles arrive unbroken and intact?	X	I	I	-
Did all bottle labels agree with COC?	Х			-
Were correct containers used for the tests requested?	X		Page 1	-
Were correct preservations used for the tests requested?	X			-
Was a sufficient amount of sample sent for tests indicated?	X		1.	-
Were bubbles present in VOA Vials?: (Volatile Methods Only)	X			-

Unused Summa#:	***************************************
Cleaning Summa#:	enis ,
Regulator#:	

Section 4 – COC Info.							
	Completed	l Info	From	Completed			
	Yes	No	Comment		Yes	No	Comments
Was COC Received	×		-	Analysis Requested	х		
Date Sampled	x		-	Samples arrived within holding time	х		-
Time Sampled	X		-	Any hold times less than 72 hrs.		х	-
Sample ID	х		-	Client Name	х		-
Rush TAT	X	**	-5 day	Address/Telephone #	х		-

Section 5 – Comments / Discrepance	eies		
Was Client notified of discrepancies:	N/A	Notified by: N/A	
Explanations / Comments:			
E .			
1 54			2 *
/		Marie Control of the	

Samples Labeled by: BIN:	RL A1B	,	Filled out by:	Rachele Lang		Date: 4/16/2019 Time: 17:08
COC Scanned/Attached by:	RL	1				
Sample labels reviewed by:	RL					

Excelchem Environmental Lab.

CSF

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative

Page 3 of 3