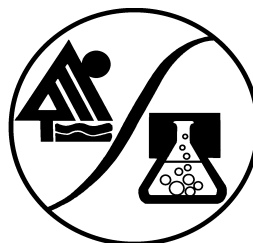


EXCELCHEM
Laboratories, Inc.
A Silver State Analytical Company
1135 W Sunset Boulevard
Suite A
Rocklin, CA 95765
Phone# 916-543-4445
Fax# 916-543-4449



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,

A handwritten signature in black ink, appearing to read 'JC' or similar, with a long horizontal stroke extending to the left.

Joshua Cox, Lab Director

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

TRAVEL BLANK 1904092-01 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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	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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

TRAVEL BLANK 1904092-01 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
m,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	"	"	"	"	"	
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	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	99.8 %	% Recovery Limits		70-130				"
Surrogate: 4-Bromofluorobenzene	95.0 %	% Recovery Limits		70-130				"

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8841 SKYWAY 1ST 1904092-02 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	04/16/19	04/16/19	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	"	"	"	"	"	
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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8841 SKYWAY 1ST 1904092-02 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8841 SKYWAY 2ND 1904092-03 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	04/16/19	04/16/19	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	"	"	"	"	"	
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	"	"	"	"	"	

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8841 SKYWAY 2ND 1904092-03 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	04/16/19	04/16/19	EPA 524.2	
1,3-Dichloropropane	ND	0.5	"	"	"	"	"	
Chlorobenzene	ND	0.5	"	"	"	"	"	
2-Hexanone	ND	5.0	"	"	"	"	"	
Dibromochloromethane	ND	0.5	"	"	"	"	"	
Ethylbenzene	1.2	0.5	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
m,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	"	"	"	"	"	
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	ND	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	98.6 %	% Recovery Limits		70-130				"

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

6717 SKYWAY 1ST 1904092-04 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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	10.2	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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

6717 SKYWAY 1ST 1904092-04 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
m,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	"	"	"	"	"	
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	1.6	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	102 %	% Recovery Limits		70-130				"
Surrogate: Toluene-d8	97.8 %	% Recovery Limits		70-130				"
Surrogate: 4-Bromofluorobenzene	98.6 %	% Recovery Limits		70-130				"

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

6717 SKYWAY 2ND 1904092-05 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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	"	"	"	"	"	

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

6717 SKYWAY 2ND 1904092-05 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	0.5	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
o-Xylene	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	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	104 %	% Recovery Limits		70-130				"
Surrogate: Toluene-d8	98.6 %	% Recovery Limits		70-130				"
Surrogate: 4-Bromofluorobenzene	97.1 %	% Recovery Limits		70-130				"

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

6371 SKYWAY HYD 1ST 1904092-06 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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	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	30.3	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	2.2	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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

6371 SKYWAY HYD 1ST 1904092-06 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
m,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	"	"	"	"	"	
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	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	105 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	98.2 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	96.1 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

6371 SKYWAY HYD 2ND 1904092-07 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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	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	27.0	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	2.1	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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

6371 SKYWAY HYD 2ND 1904092-07 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
m,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	"	"	"	"	"	
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	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: 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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

6345 SKYWAY 1ST 1904092-08 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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	2.0	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	53.6	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	3.7	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	"	"	"	"	"	

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

6345 SKYWAY 1ST
1904092-08 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
m,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	"	"	"	"	"	
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	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	103 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	98.2 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	96.1 %	% Recovery Limits		70-130			"	

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

6345 SKYWAY 2ND 1904092-09 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

6345 SKYWAY 2ND 1904092-09 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
m,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	"	"	"	"	"	
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	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	105 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	98.3 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	96.2 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

7300 SKYWAY 1ST 1904092-10 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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	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	"	"	"	"	"	

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

7300 SKYWAY 1ST
1904092-10 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
m,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	"	"	"	"	"	
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	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	105 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	97.3 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	94.7 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

7300 SKYWAY 2ND 1904092-11 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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	"	"	"	"	"	
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	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

7300 SKYWAY 2ND 1904092-11 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	04/16/19	04/17/19	EPA 524.2	
1,3-Dichloropropane	ND	0.5	"	"	"	"	"	
2-Hexanone	ND	5.0	"	"	"	"	"	
Chlorobenzene	ND	0.5	"	"	"	"	"	
Dibromochloromethane	ND	0.5	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	0.5	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Styrene	ND	0.5	"	"	"	"	"	Z-01
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	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.5	"	"	"	"	"	
n-Propylbenzene	ND	0.5	"	"	"	"	"	
2-Chlorotoluene	ND	0.5	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	
4-Chlorotoluene	ND	0.5	"	"	"	"	"	
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	"	"	"	"	"	
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	104 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	97.7 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	95.0 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

7686 SKYWAY 1ST 1904092-12 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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	"	"	"	"	"	
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	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

7686 SKYWAY 1ST 1904092-12 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
m,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	"	"	"	"	"	
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	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	103 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	98.3 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	96.1 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

7686 SKYWAY 2ND 1904092-13 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

7686 SKYWAY 2ND 1904092-13 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
m,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	"	"	"	"	"	
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	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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8566 SKYWAY 1ST 1904092-14 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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	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.

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

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8566 SKYWAY 1ST 1904092-14 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	0.5	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Styrene	ND	0.5	"	"	"	"	"	Z-01
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	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	106 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	96.6 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	95.1 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8566 SKYWAY 2ND 1904092-15 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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	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	"	"	"	"	"	
Trichloroethene	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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8566 SKYWAY 2ND 1904092-15 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
m,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	"	"	"	"	"	
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	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	103 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	98.5 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	96.7 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8680 SKYWAY 1ST 1904092-16 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8680 SKYWAY 1ST 1904092-16 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
m,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	"	"	"	"	"	
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	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	106 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	98.8 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	96.1 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8680 SKYWAY 2ND 1904092-17 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8680 SKYWAY 2ND 1904092-17 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
m,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	"	"	"	"	"	
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	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	104 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	98.3 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	97.4 %	% Recovery Limits		70-130			"	

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8846 SKYWAY HYD 1ST 1904092-18 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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	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	"	"	"	"	"	

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8846 SKYWAY HYD 1ST 1904092-18 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	0.5	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Styrene	ND	0.5	"	"	"	"	"	Z-01
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	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	105 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	99.1 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	96.9 %	% Recovery Limits		70-130			"	

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8846 SKYWAY HYD 2ND 1904092-19 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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	"	"	"	"	"	
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	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8846 SKYWAY HYD 2ND 1904092-19 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
m,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	"	"	"	"	"	
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	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	106 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	98.6 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	97.4 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8912 SKYWAY 1ST 1904092-20 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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	2.4	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	37.5	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	2.6	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	"	"	"	"	"	

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8912 SKYWAY 1ST 1904092-20 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	
m,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	"	"	"	"	"	
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	ND	0.5	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	106 %	% Recovery Limits		70-130			"	
Surrogate: Toluene-d8	97.8 %	% Recovery Limits		70-130			"	
Surrogate: 4-Bromofluorobenzene	97.4 %	% Recovery Limits		70-130			"	

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8912 SKYWAY 2ND 1904092-21 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

TBA	ND	2.5	ug/l	AJD0181	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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

8912 SKYWAY 2ND 1904092-21 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Volatile Organic Compounds by EPA 524.2

Tetrachloroethene	ND	0.5	ug/l	AJD0181	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	"	"	"	"	"	
m,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	"	"	"	"	"	
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	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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A|D0181 - EPA 524.2

Blank (A|D0181-BLK1)

Prepared & Analyzed: 04/16/19

Surrogate: Dibromofluoromethane	12.7		ug/l	12.5		102	70-130			
Surrogate: Toluene-d8	12.4		"	12.5		99.3	70-130			
Surrogate: 4-Bromofluorobenzene	12.4		"	12.5		99.0	70-130			
TBA	ND	2.5	"							
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	"							
Dichlorodifluoromethane	ND	0.5	"							
Chloromethane	ND	0.5	"							
Bromomethane	ND	0.5	"							
Chloroethane	ND	0.5	"							
Trichlorofluoromethane	ND	0.5	"							
1,1-Dichloroethene	ND	0.5	"							
Total Trihalomethanes	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	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-Dichloropropene	ND	0.5	"							
Dibromomethane	ND	0.5	"							
Bromodichloromethane	ND	0.5	"							
Toluene	ND	0.5	"							
cis-1,3-Dichloropropene	ND	0.5	"							

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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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	"
1,2-Dibromoethane (EDB)	ND	0.5	"
m,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	"
Isopropylbenzene	ND	0.5	"
Bromobenzene	ND	0.5	"
1,1,2,2-Tetrachloroethane	ND	0.5	"
1,2,3-Trichloropropane	ND	0.5	"
1,4-Dichlorobenzene	ND	0.5	"
n-Propylbenzene	ND	0.5	"
2-Chlorotoluene	ND	0.5	"
1,2-Dichlorobenzene	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	ND	0.5	"
1,2,3-Trichlorobenzene	ND	0.5	"
Xylenes, total	ND	1.0	"

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A|D0181 - EPA 524.2

Blank (A|D0181-BLK2)

Prepared & Analyzed: 04/17/19

Surrogate: Dibromofluoromethane	13.3		ug/l	12.5		107	70-130			
Surrogate: Toluene-d8	12.5		"	12.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	11.8		"	12.5		94.4	70-130			
TBA	ND	2.5	"							
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	"							
Chloromethane	ND	0.5	"							
Bromomethane	ND	0.5	"							
Chloroethane	ND	0.5	"							
Trichlorofluoromethane	ND	0.5	"							
1,1-Dichloroethene	ND	0.5	"							
Total Trihalomethanes	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	"							
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	"							

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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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	"
1,2-Dibromoethane (EDB)	ND	0.5	"
Ethylbenzene	ND	0.5	"
m,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	"
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	"
2-Chlorotoluene	ND	0.5	"
1,2-Dichlorobenzene	ND	0.5	"
4-Chlorotoluene	ND	0.5	"
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	"
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	"

Excelchem Environmental Lab.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A|D0181 - EPA 524.2

LCS (A|D0181-BS1)

Prepared & Analyzed: 04/16/19

<i>Surrogate: Dibromofluoromethane</i>	<i>12.8</i>		<i>ug/l</i>	<i>12.5</i>		<i>102</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>12.5</i>		<i>"</i>	<i>12.5</i>		<i>100</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>12.4</i>		<i>"</i>	<i>12.5</i>		<i>99.6</i>	<i>70-130</i>			
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.

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A|D0181 - EPA 524.2

LCS (A|D0181-BS2)

Prepared & Analyzed: 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			
Surrogate: 4-Bromofluorobenzene	12.2		"	12.5		97.8	70-130			
1,1-Dichloroethene	22.3	0.5	"	20.0		111	80-120			
Benzene	22.5	0.5	"	20.0		113	80-120			
Trichloroethene	22.4	0.5	"	20.0		112	80-120			
Toluene	22.1	0.5	"	20.0		110	80-120			
Chlorobenzene	22.0	0.5	"	20.0		110	80-120			

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Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A|D0181 - EPA 524.2

LCS Dup (A|D0181-BSD1)

Prepared & Analyzed: 04/16/19

<i>Surrogate: Dibromofluoromethane</i>	<i>12.4</i>		<i>ug/l</i>	<i>12.5</i>		<i>98.9</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>12.5</i>		<i>"</i>	<i>12.5</i>		<i>100</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>12.5</i>		<i>"</i>	<i>12.5</i>		<i>99.8</i>	<i>70-130</i>			
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.

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

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

Volatile Organic Compounds by EPA 524.2 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A|D0181 - EPA 524.2

LCS Dup (A|D0181-BSD2)

Prepared & Analyzed: 04/17/19

<i>Surrogate: Dibromofluoromethane</i>	<i>13.0</i>		<i>ug/l</i>	<i>12.5</i>		<i>104</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>12.6</i>		<i>"</i>	<i>12.5</i>		<i>100</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>12.5</i>		<i>"</i>	<i>12.5</i>		<i>99.8</i>	<i>70-130</i>			
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.

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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.



Laboratory Representative

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Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

Excelchem Environmental Labs						1135 W. Sunset Blvd., Suite A Rocklin, CA 95765 PH: 916-543-4445 FX: 916-543-4449															
Project Manager: Laura Capra Bill Taylor																					
Company/Address: Paradise Irrigation District 13888 Pine Needle Dr. Magalia, Ca 95954						Fax # _____															
Project Number/P.O#:						Project Name: Camp Fire															
Project Location: PARADISE						Sampler Name and Signature: _____															
Sample ID	Date	Time	Sampling Container	Method Preserved	Matrix	ANALYSIS REQUEST										Page 1 of 2					
						VOA	SLEEVE	1L GLASS	PLASTIC	Tedlar or SUMMA Canister number	HCl	HNO ₃	ICE	NONE (OTHER)	WATER	SOIL	AIR	524.2	Metals =	Metals =	Metals =
TRAVEL BLANK	4/15/2019		X																		
8841 SKYWAY 1ST	4/15/2019	9:40	X						X												
8841 SKYWAY 2ND	4/15/2019	9:55	X						X												
6717 SKYWAY 1ST	4/15/2019	11:20	X						X												
6717 SKYWAY 2ND	4/15/2019	11:25	X						X												
6371 SKYWAY HYD	4/15/2019	11:35	X						X												
6371 SKYWAY 1ST	4/15/2019	11:40	X						X												
6345 SKYWAY 1ST	4/15/2019	11:50	X						X												
6345 SKYWAY 2ND	4/15/2019	11:55	X						X												
7300 SKYWAY 1ST	4/15/2019	12:05	X						X												
7300 SKYWAY 2ND	4/15/2019	12:15	X						X												
7696 SKYWAY 1ST	4/15/2019	12:35	X						X												
Relinquished by: [Signature] (sign and print)						Date	Time	Received by: [Signature] (sign and print)	Remarks/Condition of Sample: 5 Day turnaround										BIN 1904092		
Reinquinshed by: [Signature] (sign and print)						Date	Time	Received by Laboratory: [Signature] (sign and print)	BIN To: _____										BIN A1B _____		

Laboratory Representative

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 11:26

Excelchem Environmental Labs										1135 W. Sunset Blvd Suite A Rocklin, CA 95765 Ph: 916-543-4445 Fax: 916-543-4449		CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST			
Project Manager: Laura Capra Bill Taylor										530-521-6109		Electronic Data Deliverables Request:			
Company/Address: Paradise Irrigation District 13888 Pine Needle Dr. Magalia, Ca 95954										Fax #		<input checked="" type="checkbox"/> .PDF <input type="checkbox"/> Geotracker (Global ID) <input type="checkbox"/> Other (please specify)			
Project Number/P.O#:										Project Name: Camp Fire		Email Address: lcapra@paradiseirrigation.com btaylor@paradiseirrigation.com			
Project Location: PARADISE										Sampler Name and Signature:		ANALYSIS REQUEST			
Sample ID	Sampling Date	Time	Container			Method Preserved		Matrix		<div> <div>VOA</div> <div>SLEEVE</div> <div>1L GLASS</div> <div>PLASTIC</div> <div>Tedlar or SUMMA Canister number</div> </div>					
			HCI	HNO ₃	ICE	NONE / OTHER	WATER	SOIL	AIR	524.2					
7686 SKYWAY ZND	4/15/2019	1300	X					X							
8566 SKYWAY 1ST	4/15/2019	1305	X					X							
8566 SKYWAY ZND	4/15/2019	1300	X					X							
8680 SKYWAY 1ST	4/15/2019	1305	X					X							
8680 SKYWAY ZND	4/15/2019	1400	X					X							
8846 SKYWAY HYD	4/15/2019	1405	X					X							
8846 SKYWAY HYD	4/15/2019	1410	X					X							
8812 SKYWAY 1ST	4/15/2019	1405	X					X							
8812 SKYWAY ZND	4/15/2019	1415	X					X							

Relinquished by: (sign and print) *[Signature]*

Date: 4/16/19 Time: 12:45

Received by: (sign and print) *[Signature]* Excelchem

Date: 4/16/19 Time: 12:45

Received by Laboratory: *[Signature]* Excelchem

Date: 4/16/19 Time: 12:45

Remarks/Condition of Sample: 5 17-1 TAT 1904092

Project Location: PARADISE

Project Number/P.O#:

Project Name: Camp Fire

Sampler Name and Signature:

Project Number/P.O#:

Project Name: Camp Fire

Sampler Name and Signature:

Project Location: PARADISE

Project Number/P.O#:

Project Name: Camp Fire

Sampler Name and Signature:

Project Number/P.O#:

Project Name: Camp Fire

Sampler Name and Signature:

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire
Project Number: [none]
Project Manager: Bill Taylor

Date Reported:
04/23/19 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			-
Did all bottle labels agree with COC?	X			-
Were correct containers used for the tests requested?	X			-
Were correct preservations used for the tests requested?	X			-
Was a sufficient amount of sample sent for tests indicated?	X			-
Were bubbles present in VOA Vials?: (Volatile Methods Only)	X			-

Section 3 – Summa/Flow regulator Info.

Used Summa#:	N/A
Unused Summa#:	
Cleaning Summa#:	
Regulator#:	
Was there any visual damage to summa canisters or flow regulators? Explain.	

Section 4 – COC Info.

	Completed		Info From	Comment	Completed		Comments
	Yes	No			Yes	No	
Was COC Received	X			-	X		-
Date Sampled	X			-	X		-
Time Sampled	X			-		X	-
Sample ID	X			-	X		-
Rush TAT	X		-5 day	-	X		-

Section 5 – Comments / Discrepancies

Was Client notified of discrepancies: **N/A**

Notified by: **N/A**

Explanations / Comments:

Samples Labeled by:	RL
BIN:	A1B
COC Scanned/Attached by:	RL
Sample labels reviewed by:	RL

Filled out by: **Rachele Lang**

Date: 4/16/2019

Time: 17:08