



Serving Sutter and Yuba Counties

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www.fraqmd.org

Christopher D. Brown, AICP
Air Pollution Control Officer

Final Report: Community Air Protection Program
Grant Agreement G18-CAPP-9
Fiscal Year 2018-2019

1. Report Number – 2
2. Title – Community Air Protection Program Annual Report
3. Name of Grantee – Feather River Air Quality Management District
4. Date of Submission – May 4, 2021
5. Grant Number – G18-CAPP-9
6. Costs associated with specific tasks –
 - A. District staff hours \$18,027.75 -
Staff hours worked on the program from FY19/20 in addition to the hours reported already were 20.75 hours @ \$87 per hour. Staff hours from 7/1/2020 to 12/31/2020 was 180.25 hours @ \$90 per hour . The District staff time working under this grant in 2020 included the following tasks:
 - i. Work on the emissions reporting regulation, including time spent as part of the working group, providing comments to CARB staff, and reviewing documents.
 - ii. Work on the Expedited BARCT Schedule rule amendments including time spent as part of the working group, Board approval of the rule amendment, SIP submittal, and outreach.
 - iii. Community outreach, FRAQMD Board meetings, and social media.
 - iv. Administrative time and costs, including time management, recordkeeping, and billing.
 - B. STI Contract – Forecasting service for disadvantaged communities paid 6/1/2020 to 12/31/2020 \$34,466.14
7. How grant is being used to meet the goals of Assembly Bill 617 – the FRAQMD staff have used the AB 617 grant to improve forecasting capabilities in the district where a large portion of the populations is part of a disadvantaged or low income community. The improvements provide better information to the communities about current and forecasted emissions. The forecasting service enabled better meteorological forecasting capabilities and potential

smoke impacts from the fires. This grant has also been used for District staff to participate in both the Emissions Inventory and BARCT working groups led by CARB. Participation on these groups included the review of draft documents, providing comments and feedback, and updating District management. The District adopted amendments to Rule 3.22 in accordance with the Expedited BARCT Schedule in August 2020 and submitted the amended Rule to CARB and EPA as a SIP amendment.

8. Summary of work completed and in progress since the last progress report – Expedited BARCT Rule Amendment was adopted by Board in August 2020 and submitted to CARB and EPA as a SIP amendment. Forecasting and outreach through 2020 wildfire season. Public outreach at Board meetings and grant workshops.

9. Grant funds remaining and expended – The District received \$90,634 and has expended \$91,042.62 for a remaining balance of 0.

10. Expenditure summary showing all Community Air Protection Program Implementation Funds for which reimbursement is being request –

Description	Cost
FRAQMD Staff Hours FY 19/20 19.25 hours @ \$87 per hour	\$1,805.25
FRAQMD Staff Hours FY 20/21 180.25 hours @ \$90 per hour	\$16,222.50
STI Contract Forecasting Services	\$34,466.14
Total Report 2 Expenses	\$52,493.89
Report 1 Expenses (<i>up to 5/31/2020</i>)	\$38,548.73
Total Grant Expenses	\$91,042.62

The District accrued expenses prior to receiving the grant funds and thus incurred negative interest in FY 18/19 and 19/20. The total interest earned over the contract period was \$-0.26.

Attachments:

Staff hours summaries
STI invoices

**Total Recap
2019-2020**

	July	%	Aug	%	Sept	%	Oct	%	Nov	%	Dec	%	Jan	%	Feb	%	March	%	April	%	May	%	June	%	Total	%
Administrative	144.50	18%	180.25	17%	153.75	17%	150.25	17%	166.50	17%	151.25	17%	132.75	17%	191.25	16%	190.50	17%	162.50	17%	222.00	17%	164.50	17%	2010.00	17%
Stationary Source	348.25	43%	447.00	42%	327.25	40%	291.25	38%	291.00	37%	405.00	38%	403.25	39%	544.00	40%	398.75	39%	352.00	39%	503.00	39%	436.00	39%	4746.75	39%
Hot Spots	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Rule Development	0.00	0%	8.50	0%	6.00	0%	0.00	0%	1.50	0%	11.00	0%	0.50	0%	1.00	0%	0.00	0%	2.25	0%	0.00	0%	1.00	0%	31.75	0%
CCAA	76.75	9%	102.75	9%	89.25	10%	94.75	10%	79.00	10%	57.25	9%	76.00	9%	108.75	9%	77.00	9%	72.75	9%	110.75	9%	83.50	9%	1028.50	9%
FCAA	2.00	0%	4.00	0%	10.00	1%	8.50	1%	10.50	1%	11.00	1%	11.25	1%	4.00	1%	18.75	1%	44.00	1%	11.50	1%	32.50	1%	168.00	1%
AB617	7.00	1%	1.50	0%	9.00	1%	17.50	1%	10.25	1%	5.75	1%	4.50	1%	11.50	1%	3.00	1%	16.25	1%	21.50	1%	19.25	1%	127.00	1%
Admin AB923	0.00	0%	8.00	0%	2.50	0%	9.00	1%	10.50	1%	1.00	1%	0.75	0%	5.00	0%	1.00	0%	2.75	0%	4.25	0%	2.75	0%	47.50	0%
Moyer	14.00	2%	21.00	2%	11.00	2%	13.00	2%	10.25	1%	18.50	2%	23.50	2%	40.75	2%	44.75	2%	31.75	2%	38.00	2%	19.50	2%	286.00	2%
Woodstove	10.25	1%	3.00	1%	3.50	1%	6.00	1%	8.00	1%	12.25	1%	7.00	1%	0.25	1%	3.50	1%	1.25	1%	8.50	1%	12.50	1%	76.00	1%
DMV	2.50	0%	8.75	1%	4.00	1%	10.00	1%	15.00	1%	1.00	1%	2.25	1%	6.75	1%	1.75	1%	0.75	1%	6.75	1%	6.50	1%	66.00	1%
AB 197	26.00	3%	45.75	4%	50.00	4%	0.00	3%	10.00	3%	0.00	2%	0.25	2%	0.00	2%	0.00	2%	0.00	1%	0.50	1%	0.00	1%	132.50	1%
FARMER	22.00	3%	34.75	3%	28.50	3%	29.00	3%	41.25	3%	45.25	4%	29.75	4%	54.50	4%	39.50	4%	37.50	4%	52.25	4%	23.50	4%	437.75	4%
AB 134	18.00	2%	13.50	2%	11.25	2%	7.00	1%	23.00	2%	0.00	1%	1.50	1%	32.00	1%	43.75	2%	11.75	2%	22.75	2%	5.00	2%	189.50	2%
Other Grant Programs	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.50	0%	0.50	0%
Indirect Source	9.00	1%	4.00	1%	4.75	1%	11.50	1%	14.50	1%	19.50	1%	10.00	1%	36.50	1%	5.50	1%	8.50	1%	13.50	1%	10.00	1%	147.25	1%
Open Burn	130.75	16%	197.00	17%	180.00	18%	245.50	20%	273.75	22%	133.50	21%	167.75	21%	288.75	21%	239.75	21%	249.75	22%	278.25	22%	199.75	21%	2584.50	21%
Total Hours Worked	811.00	100%	1079.75	100%	890.75	100%	893.25	100%	965.00	100%	872.25	100%	871.00	100%	1325.00	100%	1067.50	100%	993.75	100%	1293.50	100%	1016.75	100%	12079.50	100%
Time Off	151.50		127.50		75.00		61.50		235.50		250.50		253.50		94.75		60.50		132.50		114.00		109.00		1665.75	
Total	962.50		1207.25		965.75		954.75		1200.50		1122.75		1124.50		1419.75		1128.00		1126.25		1407.50		1125.75		13745.25	
O/T Hours	1.00		3.25		1.00		5.75		0.50		2.75		4.50		19.75		8.00		6.25		7.50		0.75		61.00	

T_Name	U_Name	TS_Date	TS_Hours	TS_Hourly_Rate	TS_Hourly_Billable	FANum	Description	GT_Grant_Number
AB617	Sondra Spaethe	07/09/2020	1	90	90	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	07/20/2020	1	90	90	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	07/20/2020	3	90	270	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	07/22/2020	2	90	180	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	07/23/2020	3	90	270	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	08/11/2020	4	90	360	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	08/28/2020	1	90	90	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	09/01/2020	2	90	180	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	09/02/2020	1	90	90	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	09/03/2020	1	90	90	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	09/03/2020	1.5	90	135	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	09/04/2020	1	90	90	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	09/11/2020	0.5	90	45	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	11/05/2020	3	90	270	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	11/12/2020	4	90	360	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	11/16/2020	5	90	450	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	11/19/2020	4	90	360	2020-015	Year 2 CAP	G18-MCAP-16
AB617	Sondra Spaethe	12/17/2020	1	90	90	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	12/08/2020	0.5	90	45	2020-006	Community Air	G18-CAAP-9
AB617	Sondra Spaethe	12/10/2020	1	90	90	2020-006	Community Air	G18-CAAP-9

40.5

Total Recap
2020-2021

	July	%	Aug	%	Sept	%	Oct	%	Nov	%	Dec	%	Jan	%	Feb	%	March	%	April	%	May	%	June	%	Total	%
Administrative	190.75	18%	243.50	19%	210.25	20%	274.50	20%	200.25	21%	192.50	21%	301.50	22%	251.75	22%	271.50	23%	0.00	23%	0.00	23%	0.00	23%	2136.50	23%
Stationary Source	452.75	43%	588.75	45%	559.75	49%	563.50	47%	278.25	45%	278.00	43%	540.50	44%	491.75	44%	466.50	44%	0.00	44%	0.00	44%	0.00	44%	4219.75	44%
Hot Spots	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Rule Development	1.75	0%	0.00	0%	0.00	0%	1.00	0%	0.00	0%	1.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	3.75	0%
CCAA	60.50	6%	84.75	6%	63.75	6%	84.25	6%	52.00	6%	37.75	6%	69.50	6%	64.50	6%	48.75	6%	0.00	6%	0.00	6%	0.00	6%	565.75	6%
FCAA	9.50	1%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	9.50	0%
AB617	52.25	5%	37.00	4%	1.25	3%	5.25	2%	16.75	2%	27.25	2%	7.00	2%	2.00	2%	3.50	2%	0.00	2%	0.00	2%	0.00	2%	152.25	2%
Admin AB923	0.50	0%	1.75	0%	0.50	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	2.75	0%
Moyer	15.75	2%	8.00	1%	1.25	1%	1.50	1%	1.00	1%	0.50	0%	2.00	0%	2.00	0%	0.25	0%	0.00	0%	0.00	0%	0.00	0%	32.25	0%
Woodstove	35.25	3%	7.00	2%	2.00	1%	4.25	1%	3.50	1%	1.75	1%	0.50	1%	0.50	1%	0.00	1%	0.00	1%	0.00	1%	0.00	1%	54.75	1%
DMV	2.50	0%	0.50	0%	0.50	0%	0.50	0%	0.50	0%	0.00	0%	1.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	5.50	0%
AB 197	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
FARMER	22.00	2%	10.50	1%	0.75	1%	5.50	1%	1.50	1%	2.00	1%	0.00	1%	1.00	1%	1.50	0%	0.00	0%	0.00	0%	0.00	0%	44.75	0%
AB 134	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1.50	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1.50	0%
Other Grant Programs	0.00	0%	0.50	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.50	0%
Indirect Source	3.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	3.00	0%
Open Burn	196.75	19%	273.50	20%	161.75	19%	337.75	21%	295.50	23%	296.75	25%	260.00	24%	210.50	24%	219.75	24%	0.00	24%	0.00	24%	0.00	24%	2252.25	24%
Total Hours Worked	1043.25	100%	1255.75	100%	1001.75	100%	1278.00	100%	849.25	100%	839.00	100%	1182.00	100%	1024.00	100%	1011.75	100%	0.00	100%	0.00	100%	0.00	100%	9484.75	100%
Time Off	144.00		148.00		119.25		122.75		277.50		287.50		222.00		100.25		110.50		0.00		0.00		0.00		1531.75	
Total	1187.25		1403.75		1121.00		1400.75		1126.75		1126.50		1404.00		1124.25		1122.25		0.00		0.00		0.00		11016.50	
O/T Hours	3.25		3.75		1.00		0.75		6.75		6.00		4.00		4.25		3.50		0.00		0.00		0.00		33.25	



Sonoma Technology, Inc.

Invoice Number 0200229
Invoice Date May 05, 2020
Project 919055
Contract 2019-03

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Feather River Air Quality Management District
541 Washington Avenue
Yuba City, CA 95991

Feather River AQMD Forecasting 2019-2020

Professional Services Through 04/25/2020

STI Project Manager: Patrick H. Zahn

Table with 4 columns: Task, Current Hours, Rate, Current Amount. Includes rows for Associate Staff 5, 7, 10, 11 and a Subtotal for Task: 02 Forecast Operations.

Contract Value 49,000.00 Billing To Date 23,525.61

Invoice Reviewed and Approved By: Hilary R. Hafner Patrick H. Zahn

Please Remit Payment to:
Sonoma Technology, Inc.
1450 N. McDowell Blvd., Suite 200
Petaluma, CA 94954-6515

Contact Us:
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Sonoma Technology, Inc.

Invoice Number 0200307
Invoice Date June 15, 2020
Project 919055
Contract 2019-03

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Feather River Air Quality Management District
541 Washington Avenue
Yuba City, CA 95991

Feather River AQMD Forecasting 2019-2020

Professional Services Through 05/30/2020

STI Project Manager: Patrick H. Zahn

Table with 4 columns: Description, Current Hours, Rate, Current Amount. Rows include Task: 01 Forecast tool development, Professional Services, Associate Staff 7, Subtotal Task: 01, Task: 02 Forecast Operations, Professional Services, Associate Staff 5, 7, 11, Cost Recovery, Subtotal Task: 02, and Invoice Total 4,183.98.

Contract Value 49,000.00 Billing To Date 27,709.59

Invoice Reviewed and Approved By: Hilary R. Hafner Patrick H. Zahn

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Sonoma Technology, Inc.

Invoice Number 0200442
Invoice Date August 07, 2020
Project 919055
Contract 2019-03

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Feather River Air Quality Management District
541 Washington Avenue
Yuba City, CA 95991

Feather River AQMD Forecasting 2019-2020

Professional Services Through 07/25/2020

STI Project Manager: Patrick H. Zahn

Table with 4 columns: Task, Current Hours, Rate, Current Amount. Includes rows for Associate Staff 5, 7, 11, Cost Recovery, and Subtotal Task: 02 Forecast Operations. Invoice Total is 3,831.12.

Contract Value 49,000.00 Billing To Date 35,181.28

Invoice Reviewed and Approved By: Hilary R. Hafner Patrick H. Zahn

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Sonoma Technology, Inc.

Invoice Number 0200518
Invoice Date September 03, 2020
Project 919055
Contract 2019-03

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Feather River Air Quality Management District
541 Washington Avenue
Yuba City, CA 95991

Feather River AQMD Forecasting 2019-2021

Professional Services Through 08/29/2020

STI Project Manager: Patrick H. Zahn

Table with 4 columns: Description, Current Hours, Rate, Current Amount. Includes rows for Associate Staff 5, 11, 4, Senior Staff 4, Cost Recovery, and Subtotal Task: 02 Forecast Operations. Invoice Total is 5,591.43.

Contract Value 52,000.00 Billing To Date 40,772.71

Invoice Reviewed and Approved By: Hilary R. Hafner Patrick H. Zahn

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Sonoma Technology, Inc.

Invoice Number 0200637
Invoice Date October 08, 2020
Project 919055
Contract 2019-03

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Feather River Air Quality Management District
541 Washington Avenue
Yuba City, CA 95991

Feather River AQMD Forecasting 2019-2021

Professional Services Through 09/26/2020

STI Project Manager: Patrick H. Zahn

Table with 4 columns: Description, Current Hours, Rate, Current Amount. Includes rows for Task: 02 Forecast Operations, Task: 03 Risk booking for Year 2, and Invoice Total.

Contract Value 52,000.00 Billing To Date 45,434.24

Invoice Reviewed and Approved By: Hilary R. Hafner Patrick H. Zahn

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Sonoma Technology, Inc.

Invoice Number 0200714
Invoice Date November 11, 2020
Project 919055
Contract 2019-03

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Feather River Air Quality Management District
541 Washington Avenue
Yuba City, CA 95991

Feather River AQMD Forecasting 2019-2021

Professional Services Through 10/31/2020

STI Project Manager: Patrick H. Zahn

Table with columns: Current Hours, Rate, Current Amount. Rows include Task: 02 Forecast Operations, Professional Services, Associate Staff 5, Associate Staff 11, Cost Recovery, Subtotal Task: 02 Forecast Operations, Task: 03 Forecast Operations 2020-2021, Professional Services, Associate Staff 5, Associate Staff 11, Senior Staff 4, Subtotal Task: 03 Forecast Operations 2020-2021, Invoice Total.

Contract Value 52,000.00 Billing To Date 51,532.80

Invoice Reviewed and Approved By: Hilary R. Hafner Patrick H. Zahn

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Sonoma Technology, Inc.

Invoice Number 0200784
Invoice Date December 10, 2020
Project 919055
Contract 2019-04

Page 1 of 1

Feather River Air Quality Management District
541 Washington Avenue
Yuba City, CA 95991

Feather River AQMD Forecasting 2019-2021

Professional Services Through 11/28/2020

STI Project Manager: Patrick H. Zahn

Current Hours Rate Current Amount

Task: 03 Forecast Operations 2020-2021

Professional Services

Table with 4 columns: Staff Level, Current Hours, Rate, Current Amount. Rows include Associate Staff 5, Associate Staff 11, and Senior Staff 4.

Subtotal Task: 03 Forecast Operations 2020-2021 3,074.62

Invoice Total 3,074.62

Contract Value 98,000.00 Billing To Date 54,607.42

Invoice Reviewed and Approved By: Hilary R. Hafner Patrick H. Zahn

Please Remit Payment to: Sonoma Technology, Inc. 1450 N. McDowell Blvd., Suite 200 Petaluma, CA 94954-6515

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