

Northern Sonoma County Air Pollution Control District

AB 617 Community Air Protection Program Implementation Grant Report

Grant # G22-CAPP-22 (Year 6)

Reporting period of June 15, 2024, through July 31, 2025
and
Final Report

**Submitted to the California Air Resources Board on:
August 5, 2025**

I. Contact Information

California Air Resources Board Project Liaison:

Andrea Juarez
California Air Resources Board
Office of Community Air Protection
1001 I Street.
Sacramento, CA 95814
E-Mail: Andrea.Juarez@arb.ca.gov

District Grant Liaison:

Robert Bamford
Northern Sonoma County Air Pollution Control District
650 Center Street
Healdsburg, CA 95448
Phone: 707-433-5911
E-Mail: Robert.Bamford@sonoma-county.org

II. Costs Associated with Specific Tasks

Reporting period of June 15, 2024, through July 31, 2025.

* All District staff time is donated and does not use grant funds.

* Yellow table fields, below, indicate work since last annual report period.

Work Task	Completed
Initial District Resolution for CAP participation.	6/6/2018
Grant G22-CAPP-22 executed.	8/10/2022
Grant G22-CAPP-22 funds received. (\$15,430)	11/28/2022
1. Media Release tool (Meltwater) (\$9,000)	8/1/2023
2. Annual license for three Clarity PM-2.5 sensors with meteorology. (\$4,087.50)	12/18/2023
3. Sponsor of Earth Day Event with an event booth for public outreach. (\$1,000)	1/12/2024

4. Translation Projects (\$1,075.60) - Office Directory Sign: \$40.00 - Community Mini Grant application and contract: \$686.60 - Open Burning permit and checklist: \$349.00	8/9/2024 11/14/2024 3/3/2025
5. Community Emissions Data Collection and Reporting (\$266.90)	7/18/2025
ALL FUNDS LIQUIDATED: \$9,000 + \$4,087.50 + \$1,000 + \$1,075.60 + \$266.90 = \$15,430	7/18/2025

III. How Grant is Being Utilized

For Year 6, the District elected to improve its ability to perform media releases and provide air quality advisories; to implement a community air sensor project; to sponsor and attend a community outreach event; expand access to District programs for Spanish language constituents; and to facilitate emissions data collection. The NSCAPCD was not selected by CARB for a community project, nor does it have a disadvantaged community.

IV. Summary of Work Completed

1. Media Release Project. There is a general expectation by the public that air districts will provide media releases and advisories during wildfire and significant air quality events, and broadly announce grants and incentives programs. This is challenging as media points of contact (POC) change often and simply establishing and maintaining a relevant and current list of print, online, television, radio, and multi-lingual media contacts is difficult and time consuming. For this project, the District licensed “Meltwater” a media platform that maintains current media POCs based on geography, and by topic(s) across all media platforms and languages and includes a mail tool for sending out the media messages and air quality advisories.
2. Community Air Monitoring project. The District deployed three “Clarity” brand PM-2.5 sensors with meteorological equipment alongside the District’s three PM-10 monitors. These three sites cover the populated communities of the District: Healdsburg, Guerneville, and Cloverdale. These sensors are more robust than the Purple Air brand sensors in that they are specifically calibrated to a location and do not rely on outlet power to remain operable and to collect data, which is very useful during wildfire events when power is shutdown. The Clarity sensors are paired with meteorological equipment that provides pollution wind roses that measure the concentration and direction that PM-2.5 pollution comes from in real time. These (3) sensors are now available on the airnow.gov and fire.airnow.gov sites, which is a new option for Clarity sensors. These instruments and their software tools help the District forecast smoke events, create air quality advisories, determine permissible burn days, and create long term PM-2.5 trends to assist with District planning and rulemaking activities. For this project, the NSCAPCD provided 50% match funds for the sensors.

3. Community Outreach Event (January 12, 2024). Guided by a core tenet of the AB 617 CAP Program, and under direction from the District Board, the NSCAPCD sponsored and participated in a public Earth Day event to provide public information about District programs and to highlight what the District does; provide (bilingual) information about AQI; include displays of a monitor and sensor; and to promote the District's community sensor program. Three District employees attended the event at the District booth, including a multi-lingual District employee.
4. Translation Projects. As part of this grant funding, the District is having key District documents and materials professionally translated to create Spanish language versions. After English, Spanish is the second most prevalent language in Sonoma County. These translations engender community engagement and access to District programs and incentives and assist with compliance of Open Burn permit and District rules. These translations were performed and funded in three "batches" as follows:
 - Batch #1 project was translated August 9, 2024 (**\$40.00**), to create a large format bilingual directory sign for the District office entrance to assist guests.
 - Batch #2 documents were translated November 14, 2024 (**\$686.60**), and include the CAP Mini Grant Program [application and funding contract](#) that currently resides in the "[Incentives](#)" section of the District's web site.
 - Batch #3 documents were translated March 3, 2025 (**\$349.00**), and include the translated [Open Burn Program Introduction and Checklist](#) and [Open Burn Permit](#) that currently reside in the "[Open Burn Permits](#)" section of the District's web site.
5. Community Emissions Data Collection. A pillar of the AB 617 Program is the collection of, and community access to, emissions data from permitted facilities. Pursuant to CARB's Criteria and Toxics Reporting Rule (CTR), permitted facilities must submit annual emissions reports to CARB through their local air district to CARB's "EMPI" system, a publicly accessible emissions data repository and query tool. Somewhat unique to NSCAPCD, it is in attainment for all state and federal ambient air quality standards and its minor sources have not previously had systematic annual reporting requirements. Furthermore, CTR requires specific facility and equipment information not typically contained in a permit. This required a comprehensive outreach campaign to help educate and assist approximately 166 applicable first-time small business reporters.

CTR "phases" in minor sources with the first phase reporting due August 1, 2025. To help CARB and industry to be successful, the NSCAPCD crafted and mailed an initial introduction to CTR letter with a custom-made reporting form and a second reminder, or final notice, letter. For the initial letter campaign, 166 businesses were included (**\$656.21**) and for the follow-up/final letter campaign 57 businesses were included (**\$288.14**). In conjunction with this outreach effort, NSCAPCD also conducted extensive phone call outreach for follow-up and technical support to finalize the reporting data for the Phase-1 reports. NSCAPCD was able to collect the information and submit the data set to CARB by the August 1, 2025, Phase-1 CTR deadline. Of note, a portion of these expenditures in the amount of **\$266.90** was paid with Year 6 funds, which liquidated the balance of the grant funds.

Community Engagement. District outreach for these community programs are supported through the District web site, mailing lists, and social media accounts. The District was a sponsor and booth participant at the 2024 Earth Day event attended by approximately 4,000 people. Public participation has also occurred at General Board meetings with specific requests for District support and funding of local air pollution reduction initiatives. Program input has been provided on an ongoing basis by the Sonoma County Department of Emergency Management, Sonoma County Health Department, Communities Organized to Prepare for Emergencies (COPE), the District web site, and other community feedback. The District has a permanent section on its web site for CAP at <https://nosocoair.org/about/activities/> . Furthermore, community engagement was enhanced by translating documents for District incentive and permit programs and with an outreach campaign to provide education and to collect emissions data from small businesses required to report in Phase-1 of CARB’s Criteria and Toxics Reporting rule by August 1, 2025.

V. Grant Funds Remaining and Expended

The total grant funding amount for Year 6 is **\$15,430** and the District expended all these funds by July 18, 2025, well before the June 30, 2027 liquidation deadline, as follows (and as outlined in the table above): **\$9,000** for media outreach project; **\$4,087.50** for community sensor project; **\$1,000** for community outreach event; **\$1,075.60** for professional English to Spanish translations; and **\$266.90** for emissions data collection. Of note, no jobs were created with these CAPP funds and NSCAPCD population is less than 50,000 people.

VI. Summary of Reimbursement(s) Requested

- No remaining project reimbursements.

VII. Itemized Invoice Information

Itemized invoice information is provided in Attachments A-E, below, for documentation of paid products and services described in this report for this grant.

1. Attachment A: Media Release Project (Meltwater)
2. Attachment B: Community Air Monitoring Project (Clarity)
3. Attachment C: Community Outreach Event (Earth Day)
4. Attachment D: English to Spanish Translation Projects (Communications Bridge)
5. Attachment E: Emissions Data Collection (Database Development)

Attachment A: Meltwater Media Service

VID: 127581

Invoice

Bill To
Northern Sonoma County Air Pollution Control District Robert Bamford 150 Matheson Street Healdsburg CA 95448

Date	07/20/2023
Invoice #	IN-S151-556951
Rep	Connor Whalen
Due Date	08/03/2023
PO #	

Start Date	End Date	Ordered By	Memo
07/18/2023	07/17/2024	Robert Bamford	
Quantity	Description	Tax Rate	
1	Media Relations Platform		
1	Media Intelligence Essentials L1		
		Total Amount Due	\$,000.00 USD \$,000.00

PAYMENTS VIA STANDARD MAIL
Payable to: Meltwater News US Inc
Dept LA 23721
Pasadena, CA 91185-3721

For Courier Deposits (Fed EX, UPS, etc.): *Deposits received by courier may not post same day
Remit to:
Meltwater News US Inc: P O BOX Number: 23721, 14005 Live Oak Ave
Irwindale, CA 91706-1300

FOR ELECTRONIC (WIRE) PAYMENTS:
HSBC
601 Montgomery St, #108, San Francisco, CA, 94105
Account No.: 267083700
ABA (for wire transfer): 021001088
Routing (for ACH): 122240861
SWIFT Code (for international payments): MRMDUS33
Benefit of Meltwater News US Inc.

Please reference "Meltwater" and invoice number on all documents
For billing inquiries please contact our Accounts Receivable department:
Tel +1-700-162-3738 invoice.na@meltwaternews.com

As per Meltwater Standard Terms and Conditions use of any Purchase Order Number on this invoice is for payment purposes only.

Attachment B: Clarity Sensors (50% funded by CAP with 50% match by NSCAPCD)**Clarity Movement Co.**

808 Gilman Street
Berkeley, CA 94710

**INVOICE****BILL TO**

North Sonoma County Air
Pollution Control District
150 Matheson Street
Healdsburg, CA 95448 USA

SHIP TO

North Sonoma County Air
Pollution Control District
150 Matheson Street
Healdsburg, CA 95448 USA

INVOICE # W384598**DATE** 12/07/2023**DUE DATE** 12/07/2023**TERMS** Due on receipt

ACTIVITY	QTY	RATE	AMOUNT
Clarity Data License Renewal PM2.5 & NO2 Data License Renewal 1-Year Term: 3-Dec-2023 to 3-Dec-2024	3	1,400.00	4,200.00T
Wind Integration 1-Year Wind Data Subscription License: includes hardware, application software, and expert support service	3	1,100.00	3,300.00T
<hr/>			
Renewal for the following subscriptions: SDV3J3K33 SDDY8IM28 SD1PF3AKZ	SUBTOTAL		7,500.00
	TAX		675.00
	TOTAL		8,175.00
	BALANCE DUE		USD 8,175.00

Remit ACH / Wire payments to:

Bank: Bank of America, NA
Bank Address: 222 Broadway, New York, NY 10038, USA
Bank ABA/Routing Number: 026009593
Bank SWIFT Code: BOFAUS3N
Beneficiary Name: Clarity Movement Co.
Beneficiary Address: 808 Gilman Street, Berkeley, CA 94710, USA
Beneficiary Account Number: 325133132753
Account Type: Business Checking

Send Check payments to:

Clarity Movement Co.
500 Westover Dr #20316
Sanford, NC 27330

- For new orders, unless otherwise stated, per the Terms of Use and Service, subscription starts 45 days after the hardware delivery.
- For new orders, unless otherwise stated, prepayment is required to initiate shipment and hardware is shipped from Taiwan.
- Certain U.S. customers are subject to Sales Tax based on the shipping/billing address. Some may be required to remit Sales / Local Tax even if Clarity does not collect it.

Attachment C: Public Outreach Event - Earth Day

From: Judy Fujita <judy.fujita@gmail.com>
Sent: Friday, January 12, 2024 2:05 PM
To: Robert Bamford <Robert.Bamford@sonoma-county.org>
Subject: Thank you for your pledge

Dear Mr. Bamford:

On behalf of Climate Action Healdsburg and the City of Healdsburg, I extend our deepest gratitude for the Northern Sonoma County Air Pollution Control District's generous pledge of \$1000.00 in support of this year's Earth Day Climate Fest. We are excited about the positive impact we can create with your support.

I am pleased to share some exciting updates about this year's Fest. We are working diligently to enhance the experience by offering more booths from a wider variety of participants, providing more opportunities for interaction, expanding activities for children and introducing a Street Transit Fair. This year we will also have food and live music. The Fest will also feature a Community Bike Ride, a Community Fun Run and various activities throughout the weekend, making it a comprehensive and engaging event for the community.

Climate Action Healdsburg is currently under the fiscal sponsorship of 350 Bay Area, a 501 (c)(3) organization. Their EIN is 47-2407547. All donations to 350 Bay Area are fully tax-deductible, and no goods or services will be provided in consideration of your contribution.

To ensure the accurate processing of your contribution, please make your check payable to 350 Bay Area and include Climate Fest on the memo line. Kindly send the check to:

350 Bay Area
c/o Judy Fujita
717 Brown Street
Healdsburg, CA 95448

Your generosity and dedication to our shared vision of a sustainable and resilient future are truly appreciated. We look forward to celebrating the Earth Day Climate Fest with you and the entire community.

Judy Fujita
Chair, Earth Day Climate Fest and treasurer for Climate Action Healdsburg





Attachment D: English to Spanish Translations (1 of 3)

INVOICE

The Communication Bridge LLC julieburns1217@gmail.com
1217 Sunset Ave
Santa Rosa 95407



Bill to
Robert Bamford
NOSAIR

Ship to
Robert Bamford
NOSAIR

Invoice details
Invoice no.: 1015
Invoice date: 08/09/2024
Due date: 09/08/2024

#	Product or service	Description	Qty	Rate	Amount
1.	Spanish translation	Office directory, minimum fee	1	\$40.00	\$40.00

Total \$40.00

Ways to pay



Make checks payable to: The Communication Bridge LLC

Pay invoice

View invoice online
Scan code or go to the link below to view the invoice online
[View invoice](#)



Attachment D: English to Spanish Translations (2 of 3)

INVOICE

The Communication Bridge LLC julieburns1217@gmail.com
1217 Sunset Ave
Santa Rosa 95407



Bill to
Robert Bamford
NOSAIR

Ship to
Robert Bamford
NOSAIR

Invoice details
Invoice no.: 1084
Terms: Net 30
Invoice date: 11/14/2024
Due date: 12/14/2024

#	Product or service	Description	Qty	Rate	Amount
1.	Spanish translation	Use Agreement AB 167	3433	\$0.20	\$686.60

Total \$686.60

Ways to pay

BANK

Make checks payable to: The Communication Bridge LLC

Pay invoice

View invoice online
Scan code or go to the link below to view the invoice online
[View invoice](#)



Attachment D: English to Spanish Translations (3 of 3)

INVOICE

The Communication Bridge LLC
1217 Sunset Ave
Santa Rosa 95407

julieburns1217@gmail.com
+1 (707) 548-1985



Bill to
Robert Bamford
NOSAIR

Ship to
Robert Bamford
NOSAIR

Invoice details

Invoice no.: 1114
Terms: Net 30
Invoice date: 03/03/2025
Due date: 04/02/2025

#	Product or service	Description	Qty	Rate	Amount
1.	Spanish translation	Open Burn checklist	579	\$0.20	\$115.80
2.	Spanish translation	Burn permit	966	\$0.20	\$193.20
3.	Spanish translation	Burn permit PPT, min fee	1	\$40.00	\$40.00

Total **\$349.00**

Ways to pay

BANK

Please make checks payable to: The Communication Bridge LLC

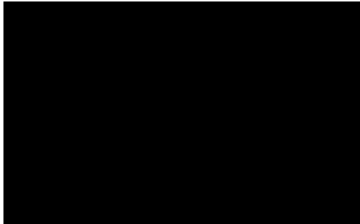
[View and pay](#)

Attachment E: Emissions Data Collection - Database Development (1 of 2)

Invoice 2628
for 7/1/2025 – 7/15/2025

July 18, 2025

Terms: due and payable



Northern Sonoma County APCD
625 Center Street
Healdsburg CA 95448

Hours			<u>Description</u>
<u>Date</u>	<u>Worked</u>	<u>Billed</u>	
7/1/2025	1.3	1.3	CTR File Upload database with Craig Tallman: Phone meeting with Craig discuss production version location and related files; pollutants logic
7/3/2025	4.8	4.8	Session with Craig: Prep for production release network location, incl. identifying primary data source files and supporting files program file format with stacked categories, incl. shifting column titles per category, and ceidars header row Analysis of pollutant calculations
7/3/2025	1.0	0.0	Travel
7/4/2025	0.3	0.3	Test remote login permissions for new CTR directories; email results to Craig
7/8/2025	1.5	1.5	Programming column headers for each section Analysis for emissions calculations Phone meeting with Craig: Project review and discuss remote permissions for new CTR directory
7/9/2025	1.4	1.4	Populate fields with CTR data Analysis of emissions calculation logic and lookup syntax

Attachment E: Emissions Data Collection - Database Development (2 of 2)

7/10/2025	4.8	4.8	Session with Craig: analysis of emissions calculation Program two new tables with raw factors (once for CO; second for NO x, ROG, PM); program function to look up raw factors; program function to calculate final factor
7/10/2025	1.0	0.0	Travel
7/11/2025	1.6	1.6	email response to help desk for macro error condition Testing various suggestions and submitting results
7/13/2025	0.7	0.7	Macro error condition: importing into other database version and testing
7/14/2025	3.5	3.5	Macro error condition: research and review for support ticket Programming: expanding one EMS record per pollutant Phone meeting with Craig: discuss data logic
7/15/2025	5.0	5.0	Session with Craig: Meeting with Mark Madden: macro error condition Programming: populating remainder of Emissions Factor table; test functions to calculate raw factors and final factors; populating calculated fields for expanded EMS records
7/15/2025	1.0	0.0	Travel
<hr/>			
	27.9	24.9	billed hours
			@ \$95.00
			\$2,365.50

NSCAPCD - CPF
 DEPT: 66120600
 FUND: 77306
 ACCOUNT: 52162
 USER CODE: G22-CAPP22

\$266.90

NSCAPCD - CPF
 DEPT: 66120600
 FUND: 77306
 ACCOUNT: 52162
 USER CODE: G23-CAPP22

\$2,098.60