

# **Northern Sonoma County Air Pollution Control District**

## **AB 617 Community Air Protection Program Implementation Grant Report**

**Grant # G23-CAPP-22 (Year 7)**

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

**Submitted to the California Air Resources Board on:  
July 31, 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](mailto:Andrea.Juarez@arb.ca.gov)

### District Grant Liaison:

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

## II. Costs Associated with Specific Tasks

*\* All District staff time is donated and not included in reported expenditures.*

*\* Reporting period of June 15, 2024, to July 31, 2025, indicated in orange, below.*

Work Task Description	Completed
Initial District Resolution for CAP participation.	06/06/2018
Grant G23-CAPP-22 executed <b>(\$31,915.00)</b> .	11/22/2023
Grant G23-CAPP-22 funds received:	
- First disbursement <b>(\$25,266.04)</b>	10/11/2024
- Second disbursement <b>(\$ 6,648.96)</b>	03/08/2024
1. Media release tool (Meltwater) <b>(\$4,000.00)</b>	09/23/2024
2. Annual license for three Clarity PM-2.5 sensors with meteorology. <b>(\$8,212.50)</b>	11/05/2024
3. Web site PDF and media ADA remediation <b>(\$9,117.00)</b>	08/29/2024
4. New District mini grant program launched. <b>(\$10,000</b> ear-marked for funds to be awarded.	10/28/2024

5. Public Outreach Event at District Office	11/13/2024
6. Three mini-grant projects awarded <b>\$2,000</b> each ( <b>\$6,000</b> ).	2/3/2025 3/19/2025 4/21/2025
7. CTR Mail campaign. Created Phase-1 letter and report forms. Mail campaign to print, stuff, and post via USPS. Two mail out events: Initial with reporting form ( <b>\$656.21</b> ) Reminder/final notice ( <b>\$288.14</b> ) <b>Total \$944.35</b>	5/19/2025 7/10/2025
8. CTR Database Integration with NSCAPCD stationary source database and for CEIDARS data format compatibility ( <b>\$2,098.60</b> ).	7/18/2025
Grant G23-CAPP-22 funds liquidated to date: <b>(\$4,000.00 + \$8,212.50 + \$9,117.00 + \$6,000 + \$944.35 + \$2,098.60 = \$30,372.45)</b>	7/31/2025
Grant G23-CAPP-22 anticipated date for liquidation of remaining funds <b>\$1,542.55</b> .	6/30/2026
Grant G23-CAPP-22 fund liquidation and final report date.	6/30/2028

### III. How Grant is Being Utilized

For Year 7, the District elected to:

- 1) improve its ability to perform media releases and provide air quality advisories;
- 2) implement a community air sensor program for PM-2.5 with meteorology instrumentation;
- 3) offer a new community mini grant program;
- 4) remediate all District web site PDFs and media to accessibility standards with certification;
- 5) host a community outreach event at the new District office;
- 6) develop and launch a community mini grant program;
- 7) develop and launch mail campaign for emission reporting; and
- 8) develop District database integration for Phase-1 Criteria and Toxics Reporting (CTR).

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 events, 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” for a year. Meltwater is a media platform that maintains current media POCs based on geography and topic across all media platforms and languages and includes a mail tool for sending out the media messages. This media tool has been most useful in practice for advertising District and CARB incentive and grant programs and advisories during wildfire smoke events.
2. Clarity Community Sensors 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 and PSPS 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](https://airnow.gov) and [fire.airnow.gov](https://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.
3. Web Site Accessibility Updates. Making a website ADA accessible is an ethical and legal duty that provides several benefits, including reaching a wider audience by allowing people with disabilities to use the site effectively, improving the website's SEO ranking, enhancing user experience for everyone, reducing the risk of legal issues, and positively impacting District image by demonstrating a commitment to inclusivity. The District web site contained approximately 730 legacy PDFs and media files that did not meet current accessibility requirements. To remediate this, the District contracted the “accessiBe” company remediation service to remediate all PDF documents and media and to provide UA and WCAG certificates of compliance. “UA” meets the standards Universal Accessibility and “WCAG” meets the standards of Web Content Accessibility Guidelines. In addition, the District contracted for one year of file remediation service for all future documents that will be created and/or placed on the web site during the upcoming year.
4. Community Mini Grant. Pursuant to multiple public comments at District meetings and Board direction, the District created a community “mini-grant” program. The program focuses on the core tenet of AB617 that is direct community engagement and leadership in identifying and reducing air pollution at a local level. To implement this Program, the District created a funding application and agreement and translated the documents into




Spanish. The District added a new section to its web site for the Program and implemented an announcement campaign via the District's email list server, web site, social media, and public open house event. The mini grant program opened October 28, 2024. Grant amounts are up to **\$2,000** each, and **\$10,000** has been earmarked for this inaugural launch of the Program. The community mini grant program is on the District web site at: <https://nosocoair.org/incentives/>.

5. Community Engagement. District outreach for these community programs is supported through the District web site, mailing lists, social media accounts, and media releases. Guided by a core tenet of the AB 617 CAP Program, the NSCAPCD created a public event outside of its regularly scheduled meetings to provide public information about District programs and to highlight what the District does; provide (bilingual) information about AQI; include a display of a monitor and sensor; and to promote the District's community incentive programs including FARMER/Moyer, community sensor program, and community mini-grant program. The "open house" event was held November 13, 2024, and four District employees and various Board members attended the event including a multi-lingual District employee.

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/>.

6. Community Mini Grant Projects Underway. Three community grants (item #4, above) contracts have been executed with awards of **\$2,000** each since the last annual report. These include two projects by Sonoma County Regional Parks to switch from gas powered commercial landscape equipment to electric equipment for use at county park lands and one project by Climate Action Healdsburg to produce signage and education materials for an anti-idling campaign. These projects are underway, and their final information will be provided after their close-out in an upcoming report.

Some initial photo documentation for these projects is provided, below.

Sonoma County Regional Parks	Sonoma County Regional Parks	Climate Action Healdsburg
		

7. 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.

8. Emissions Data Reporting. The CTR rule contemplates that CARB will have a reporting system for industry to report into and the Districts will QA/QC the industry-submitted data in this system. This system was also to be available to the public to provide online data access and query tools. Emissions data is submitted based on eligibility criteria for four phases spanning a four-year period (2025-2029) and thereafter every facility reports every year. Unfortunately, CARB’s system (EMPI) is not yet available which put an unanticipated burden onto NSCAPCD to collect the industry data and format it into CTR’s

specific CEIDARS format. To facilitate this data collection in a relatively short time frame, the District chose to develop a series of database modules to compliment its existing stationary source database. The District's stationary source database tracks general facility and permit information and permit fee invoicing; it does not contain emissions information among several other CTR-required data fields. The newly developed modules (**\$2,098.60**) required over 25 hours of professional development and were integral to NSCAPCD being able to format and report the requisite Phase-1 data on schedule. This type of database development will continue to support implementation of the remaining reporting phases and represents a long-term asset for managing and reporting emissions data for the District.

## **V. Grant Funds Remaining and Expended**

As noted in the table above in Section II, the total grant funding amount for Year 7 is **\$31,915** and at the end of this reporting period, the District has expended **\$30,372.45** of the total Year 7 grant funds: **\$4,000** for media outreach project; **\$8,212.50** for community sensor project; **\$9,117** for web site ADA remediation; **\$6,000** for mini grant program; **\$944.35** for emissions data collection campaign; and **\$2,098.60** for emissions data reporting. The remaining balance of funds **\$1,542.55** are anticipated to be expended by 6/30/2026, well before the June 30, 2028, liquidation deadline. The **\$1,542.55** balance will likely be spent on additional mini grant projects or emissions reporting database development, TBD.

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**

See Attachments below for documentation of paid products and services described in this report through the end of this reporting period. Remaining invoice information will be provided in the final report.

- A) Media service
- B) Community air sensor program
- C) Remediation of all District web site PDFs and media to accessibility standards
- D) Emissions data collection mail campaign
- E) Emissions data reporting database modules

**Attachment A: Meltwater Media Service**



# Invoice

<b>Bill To</b> Northern Sonoma County Air Pollution Control District Robert Bamford 625 Center Street Healdsburg CA 95448
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Date	08/29/2024
Invoice #	IN-S151-573114
Rep	Alex Philip
Due Date	09/12/2024
PO #	

Start Date	End Date	Ordered By	Memo
08/28/2024	08/27/2025	Robert Bamford	
Quantity	Description	Tax Rate	
1	Media Intelligence Essentials L1		
		<b>Total Amount Due</b>	4,000.00 USD 4,000.00

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: PO 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 +1-980-225-7930 [invoice.na@meltwaternews.com](mailto: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

Clarity Movement Co.  
PO Box 2051  
La Mesa, CA 91943  
<https://www.clarity.io/>



### ADDRESS

North Sonoma County Air  
Pollution Control District  
625 Center St, Healdsburg, CA  
95448

### SHIP TO

North Sonoma County Air  
Pollution Control District  
625 Center St, Healdsburg,  
CA 95448

QUOTE # 2870

DATE 11/05/2024

ACTIVITY	QTY	RATE	AMOUNT
<b>Clarity Data License Renewal</b> PM2.5, NO2 Data License Renewal 1-Year Term: 04-Dec-2024 to 03-Dec-2025	3	1,400.00	4,200.00T
Related Devices: AXXRRCYF, APGFL6TY, AXXMG9XW			
<b>Wind Integration</b> 1-Year Wind Data Subscription License: 04-Dec- 2024 to 03-Dec-2025	3	1,100.00	3,300.00T
Related Devices: MYFC3KKK, MY99F3FW, MYJ3YY3G			

- Written acceptance or submitted purchase order of this quote incorporates by reference, acceptance of the Clarity's Terms of Use and Service agreement.  
- For new orders, unless otherwise stated, per the Terms of Use and Service, license 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.  
- Shipping is an estimate only and subject to change.  
- 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.  
- All inquiries including POs, please email [orders@clarity.io](mailto:orders@clarity.io).

SUBTOTAL 7,500.00  
TAX 712.50  
TOTAL **USD 8,212.50**

Accepted By

Accepted Date

## Attachment C: Web Site Accessibility Remediation with Certification (1 of 2)

Docusign Envelope ID: 22748523-451A-454E-AED0-561F5013344E



### Quote for NOSOCOIR

Issued on: **Aug 23, 2024**  
This quote is valid until: **Aug 30, 2024**

Payment Period: Other

Product/Service	Service	Quantity	Additional Information	Pricing
accessiServices	<input checked="" type="checkbox"/> File Remediation	735.00	PDFs	\$7,717.50
	<input checked="" type="checkbox"/> Media Remediation	1.00	7 minutes	\$350.00
Total for accessiServices:				\$8,067.50
Subtotal:				8067.5

Discount Rate:

Grand Total After Discount ("Fees"):

8067.5

Discount rate applied based on current price list for the domains and accessiServices listed in the proposal and does not include new domains and/or accessiServices not specifically listed in this proposal, which will be priced as agreed between the parties.

This discount is limited to:

The Fees are subject to sales tax and any other taxes in accordance with the terms of service available at: <https://accessibe.com/terms-of-service-the-TOS>.

This quote is governed by and subject to the TOS. We reserve the right, at our sole discretion, to update the Subscription Fees, at any time, and will notify you if such an update may affect your existing Subscription Plan upon its renewal.

#### Payment Terms:

Subscription period: **other** If Other, please describe: **One-time non-subscription**  
Payment method: **Credit Card** If Other, please describe:  
Billing Contact Name:  
Billing Contact email:  
Billing Address:

#### For further questions, please contact us via:

Online chat at our website - <https://accessibe.com>

Email - [support@accessibe.com](mailto:support@accessibe.com)

DocuSigned by:

accessiBe Signature

Jessica Robertson

26169DF4CB734DD...

Signed by:

Customer Signature

Robert Bamford

580742FF9BB0454...

Best regards,

Shoya Clough, Account Executive

#### Annex B - accessiServices description

##### Files and Media Accessibility Service

The Services are accessibility remediation services and do not include an upload of the remediated files/media to Customer's website.

Customer must send accessiBe the relevant final files that it wishes to be made accessible. accessiBe will not remediate files that are not sent to accessiBe and which are not specified in this proposal.

The files will be made accessible on an as is basis. accessiBe does not modify or alter the text, branding, graphic design, etc. of the files. If the customer wishes to modify or alter those, Customer must provide accessiBe with alternative text for visual files (i.e., pictures, graphs, etc.) prior to accessiBe commencing the Services on such files. If Customer chooses not to provide an alternative text, accessiBe shall provide the alternative text to the best of its ability/understanding, however accessiBe cannot and does not guarantee that such alternative text will fit Customer's needs or requirements.

Scanned Files: Customer acknowledges and agrees that according to the WCAG 2.0 scanned text messages may not be added to accessible files. If scanned files or scanned text images are provided to accessiBe by Customer, then accessiBe will remediate them using full alternative text.

## Attachment C: Web Site Accessibility Remediation with Certification (2 of 2)

Docusign Envelope ID: 98F44480-3335-4CA5-A7F6-D66EE7FD08A1



### Quote for NOSOCOIR

Issued on: **Aug 23, 2024**  
This quote is valid until: **Aug 30, 2024**

Payment Period: Annually

Product/Service	Service	Quantity	Additional Information	Pricing
accessiServices	<input checked="" type="checkbox"/> File Remediation	100.00	PDF	\$1,050.00
Total for accessiServices:				\$1,050.00
Subtotal:				\$1,050

Discount Rate:	
Grand Total After Discount ("Fees"):	\$1,050

Discount rate applied based on current price list for the domains and accessiServices listed in the proposal and does not include new domains and/or accessiServices not specifically listed in this proposal, which will be priced as agreed between the parties.

This discount is limited to: **Aug 30, 2024**

The Fees are subject to sales tax and any other taxes in accordance with the terms of service available at: <https://accessibe.com/terms-of-service> (the "TOS").

This quote is governed by and subject to the TOS. We reserve the right, at our sole discretion, to update the Subscription Fees, at any time, and will notify you if such an update may affect your existing Subscription Plan upon its renewal.

#### Payment Terms:

Subscription period: **Annually** If Other, please describe: \_\_\_\_\_  
Payment method: **Credit Card** If Other, please describe: \_\_\_\_\_  
Billing Contact Name: \_\_\_\_\_  
Billing Contact email: \_\_\_\_\_  
Billing Address: \_\_\_\_\_

#### For further questions, please contact us via:

Online chat at our website – <https://accessibe.com>

Email – [support@accessibe.com](mailto:support@accessibe.com)

DocuSigned by:  
accessiBe Signature  
*Jessica Robertson*  
2C1C9DF4CB734DD...

Signed by:  
Customer Signature  
*Robert Bamford*  
380742FF9880454...

Best regards,  
**Shoya Clough**, Account Executive

#### Files and Media Accessibility Service

The Services are accessibility remediation services and do not include an upload of the remediated files/media to Customer's website.

Customer must send accessiBe the relevant final files that it wishes to be made accessible. accessiBe will not remediate files that are not sent to accessiBe and which are not specified in this proposal.

The files will be made accessible on an as is basis. accessiBe does not modify or alter the text, branding, graphic design, etc. of the files. If the customer wishes to modify or alter those, Customer must provide accessiBe with alternative text for visual files (i.e., pictures, graphs, etc.) prior to accessiBe commencing the Services on such files. If Customer chooses not to provide an alternative text, accessiBe shall provide the alternative text to the best of its ability/understanding, however accessiBe cannot and does not guarantee that such alternative text will fit Customer's needs or requirements.

Scanned Files: Customer acknowledges and agrees that according to the WCAG 2.0 scanned text messages may not be added to accessible files. If scanned files or scanned text images are provided to accessiBe by Customer, then accessiBe will remediate them using full alternative text.

Attachment D: Emissions Data Collection Campaign (1 of 2)



455 Tesconi Cir  
Santa Rosa, CA 95401  
(707) 578-8700

# Invoice

Date	Invoice #
5/19/2025	12306

RECEIVED  
MAY 21 2025

Bill To
NORTHERN SONOMA COUNTY AIR POLLUTION 625 CENTER ST HEALDSBURG, CA 95448

P.O. Number	Terms	Rep	Job Number	Job Description
ROBERT BAMF...	Net 10	AR	51121	PHASE 1 LETTER
Quantity	Item Code	Description	Price Each	Amount
166	POST1	POSTAGE - FIRST CLASS	0.69	114.54
1	LISTSET	SET-UP DATABASE	25.00	25.00
166	FOLD2	FOLD 2 PAGES	0.048	7.97
2	INKSET	INKJET SET-UP	20.00	40.00
1	INK	INKJET ARTWORK ON #10 ENVELOPES IN 1/0 BLACK	63.00	63.00T
1	INK	INKJET ARTWORK ON #9 ENVELOPES IN 1/0 BLACK	44.00	44.00T
166	INK1	INKJET ADDRESS (1-999)	0.045	7.47
166	INS3H	INSERT (3) BY HAND	0.18	29.88
166	PREPMM	MAIL MERGE MATCHING	0.085	14.11
166	MS	METER/SEAL MAILPIECE	0.04	6.64
166	BAGL	SORT & BAG LOCAL MAIL	0.03012	5.00
1	DEL	POSTAL REPORT/DELIVER TO POST OFFICE FOR ENTRY	20.00	20.00
2	PROOF	SET-UP/PROVIDE PROOFS	40.00	80.00T
166	DIGITAL	4/4 COLOR 60# TEXT 8.5X11 PERSONALIZED LETTER	0.495	82.17T
166	DIGITAL	4/4-COLOR 60# TEXT 8.5X11 PERSONALIZED FORMS	0.495	82.17T
		9.75% Healdsburg	9.75%	34.26
Thank you for your business! Note: All invoices over 30 days will accrue 1.5% charge per month.			<b>Total</b>	\$656.21
			<b>Payments/Credits</b>	\$0.00
			<b>Balance Due</b>	\$656.21

**Attachment D: Emissions Data Collection Campaign (2 of 2)**



**455 Tesconi Cir  
Santa Rosa, CA 95401  
(707) 578-8700**

# Invoice

Date	Invoice #
7/10/2025	13286

Bill To
NORTHERN SONOMA COUNTY AIR POLLUTION 625 CENTER ST HEALDSBURG, CA 95448

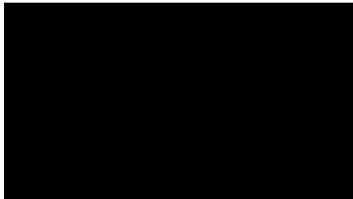
P.O. Number	Terms	Rep	Job Number	Job Description
ROBERT BAMF...	Net 10	AR	52012	PHASE 2 LETTER
Quantity	Item Code	Description	Price Each	Amount
57	POST1	POSTAGE - FIRST CLASS	0.69	39.33
1	LISTSET	SET-UP DATABASE	25.00	25.00
57	FOLD2	FOLD 2 PAGES	0.08772	5.00
2	INKSET	INKJET SET-UP	20.00	40.00
1	INK	INKJET ARTWORK ON #10 ENVELOPES IN 1/0 BLACK	37.00	37.00T
1	INK	INKJET ARTWORK ON #9 ENVELOPES IN 1/0 BLACK	26.00	26.00T
57	INK1	INKJET ADDRESS (1-999)	0.08772	5.00
57	INS2H	INSERT (2) BY HAND	0.16	9.12
57	PREFMM	MAIL MERGE MATCHING	0.08772	5.00
57	MS	METER/SEAL MAILPIECE	0.08772	5.00
57	BAGL	SORT & BAG LOCAL MAIL	0.08722	4.97
1	DEL	POSTAL REPORT/DELIVER TO POST OFFICE FOR ENTRY	20.00	20.00
1	PROOF	SET-UP/PROVIDE PROOFS	25.00	25.00T
57	DIGITAL	4/4 COLOR 60# TEXT 8.5X11 PERSONALIZED LETTER	0.525	29.93T
		10.0% Santa Rosa	10.00%	11.79
Thank you for your business! Note: All invoices over 30 days will accrue 1.5% charge per month.			<b>Total</b>	\$288.14
			<b>Payments/Credits</b>	\$0.00
			<b>Balance Due</b>	\$288.14

## Attachment E: Emissions Data Reporting Database (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/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 Reporting Database (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

\$266.90

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

\$2,098.60

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