

AMADOR AIR DISTRICT BOARD OF DIRECTORS

810 Court Street, Jackson, California 95642

AGENDA

Tuesday, January 16, 2018 at 1:30 p.m.

Please Note: All Air District Board meetings are recorded.

Anyone who wishes to address the Board must speak from the podium and should print their name on the Board Meeting Speaker list, which is located on the podium. The Clerk will collect the list at the end of the meeting. If you are disabled and need a disability-related modification or accommodation to participate in this meeting, please contact the Clerk of the Board, at 209-257-0112 or 209-257-0116 (fax). Requests must be made as early as possible and at least one-full business day before the start of the meeting.

Determination of a Quorum:

Pledge of Allegiance:

Approval of Agenda: Approval of the agenda for this date; any and all off-agenda items must be approved by the Board (pursuant to §54954.2 of the Government Code).

Public Matters Not on the Agenda: Discussion items only, no action to be taken. Any person may address the Board at this time upon any subject within the jurisdiction of the Amador Air District Board of Directors; however, any matter that requires action may be referred to staff and/or a committee for a report and recommendation for possible action at a subsequent Board meeting. **Please note - there is a five (5) minute limit per topic.**

Administrative Matters:

1. **Minutes:** Review and approval of the October 17, 2017 Board Minutes as presented or revised. Action
2. **Election of Officers for 2018 (Chair and Vice Chair):** Action
3. **Approval of Meeting Schedule for 2018:** Action
4. **Rules Update – Presentation by Mr. Ray Kapahi:** Discussion and Possible Action
5. **Electric Vehicle Charging Stations:** Discussion and Possible Action
6. **Smoke Reduction Bin Program (Pine Needle Bins):** Discussion and Possible Action
7. **Draft Reserve Policy for Amador Air District:** Discussion and Possible Action
8. **City of Jackson CCAD Special Request:** Discussion and Possible Action
9. **APCO's Update:** Informational only, no action to be taken.
 - CEIDARS Request from California Air Resources Board (CARB)
 - Woodstove Change-Out Program
 - CCAD Program
 - Financials through January 11, 2018

Correspondence:

- Letter from Mr. Steve Cannon with AAD Response

Adjournment: Until March 20, 2018 at 1:30pm

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**ADMINISTRATIVE MATTERS
ITEM 1**

Minutes

Amador Air District Board of Directors Meeting

Summary Minutes

Meeting was partially recorded in the Amador County Board of Supervisors Chambers
810 Court Street, Jackson, California
1:30 p. m. October 17, 2017

Determination of a Quorum

DRAFT

Present on Roll Call:

Pat Crew	Amador County District 1, Supervisor
Richard Forster	Amador County District 2, Supervisor
Lynn Morgan	Amador County District 3, Supervisor (Chair)
Frank Axe	Amador County District 4, Supervisor
Brian Oneto	Amador County District 5, Supervisor (Vice Chair)
Bob Stimpson	City of Jackson, Councilman
Thomas Reed	City of Ione, Councilman
Robin Peters	City of Sutter Creek, Councilman

Absent on Roll Call:

Jon Colburn	City of Plymouth, Councilman
Michael Vasquez	City of Amador City, Councilman

Staff/Others:

Jim McHargue, APCO
Matt Peterson, Air Quality Specialist
Herminia Perry, Clerk of the Board
Paul Molinelli Sr., ACES Waste Services
Dominic Moreno, Sutter Creek Fire Chief

NOTE: These minutes remain in *Draft* form until approved by Minute Order at the next regular meeting of the Board of Directors. Any packets prepared by Staff are hereby incorporated into these minutes by reference as though set forth in full. Any staff report, recommended findings, mitigation measures, conditions, or recommendations which are referred to by Board members in their decisions which are contained in the staff reports are part of these minutes by reference only. Any written material, petitions, packets, or comments received at the hearing also become a part of these minutes by reference.

At 1:36 p.m. Chair Morgan called the meeting to order. It was determined that there was a quorum for business.

Pledge of Allegiance: Chair Morgan led the Board and staff in the Pledge of Allegiance.

Approval of Agenda: Approval of the agenda for this date; any and all off agenda items must be approved by the Board (pursuant to §54954.2 of the Government Code).	
Motion:	It was moved by <u>Director Forster</u> , seconded by <u>Director Peters</u> , and unanimously carried to approve the agenda for this date. Vote 8-0 Absent: Directors Colburn and Vasquez

Public Matters Not on the Agenda: Discussion items only; no action to be taken. Any person may address the Board at this time upon any subject within the jurisdiction of the Amador Air District Board of Directors; however, any matter that requires action may be referred to staff and/or a committee for a report and recommendation for possible action at a subsequent Board meeting. Please note - there is a five (5) minute limit per topic	
Administrative Matters	
1.	Minutes: Review and approval of the August 15, 2017 Board Minutes: Approved with revisions on page 2, item number 4 and on page 3, item number 5 (Smoke Reduction Bin Program). Motion: It was moved by <u>Director Crew</u> , seconded by <u>Director Peters</u> , and unanimously carried to approve the minutes for this date. Vote 8-0 Absent: Directors Colburn and Vasquez
2.	Electric Vehicle Charging Stations: Discussion and Possible Action APCO McHargue opened the discussion on the potential of bringing a pilot program for the installation of electric vehicle charging stations within Amador County. Staff was advised to do further research by reaching out to the Chamber of Commerce and Amador Council of Tourism (Maureen Funk) to gather interest within the County. Other potential locations could be the Imperial Hotel in Amador City, new hotel in Lone (future development), Castle Oaks Golf Course, and outside incorporated areas such as Buckhorn, Pine Grove, Mace Meadows, and Volcano. No formal motion was made. Staff was instructed to continue development of pilot program which would start with five units, one within each of the incorporated cities. Absent: Directors Colburn and Vasquez
3.	Smoke Reduction Bin Program (Pine Needle Bins): Discussion and Possible Action APCO McHargue is seeking from the Board to provide staff with direction on the long-term plans for the Smoke Reduction Bin Program. This program has provided a noticeable reduction in smoke complaints/burning in the upcountry areas but has also provided a fair share of troubles with the misuse of the bins by residents, commercial landscapers, and/or clean up companies. This has resulted in an increase of service frequency by the waste hauler, which has caused rapid expenditure of our budget. The green waste processing facility has reached its capacity and cannot accept the District's material. Staff did look into taking the green waste to a facility in Sacramento but the cost of that would be significantly higher. Because of this, our program was dramatically reduced in August and terminated early at the end of September. Dominic Moreno with Sutter Creek Fire spoke to the benefits of having this program.

	<p>Paul Molinelli, Sr. spoke about the cost of taking the green waste to Sacramento which would be around \$39.00 a ton. Currently, at Vicini's it's around \$17.00/ton. Mr. Molinelli, Sr. also mentioned that ACES had a meeting with Vicini's to discuss the at capacity issue for concerns on ACES green waste. It was said that Vicini's does have capacity for green waste but does not want pine needles.</p> <p>No formal motion for this agenda item. Staff was directed to bring back to our next meeting information on cost of continuing the program more neighborhood oriented, cost of just having the program one week in the fall/spring, and talk to the Vicini's to verify if they will continue to take the material.</p> <p>Absent: Directors Colburn and Vasquez</p>
<p>4.</p>	<p>Appropriate Reserves for a Special District: Discussion and Possible Action At our August 15, 2017 meeting, staff was directed to research what an appropriate level of cash reserves for a District like ours would be.</p> <p>No formal motion for this agenda item. Staff was directed to look into our cash flow, revenue flow, and legal costs and based on that bring back to our next meeting a recommendation on an appropriate reserve policy for District.</p> <p>Absent: Directors Colburn and Vasquez</p>
<p>5.</p>	<p>APCO Update: Informational only, no action to be taken.</p> <p>Logo: New logo design was presented and received positive feedback from the Board of Directors.</p> <p>Rules Update: Memo from Ray Kapahi included a chronological update regarding the District's Rules. An Ad Hoc Committee including Chair Morgan and Director Peters was created to discuss the status of the Rules Update in a meeting with Mr. Kapahi and APCO McHargue.</p> <p>Woodstove Change-Out Program: Eight installations have been completed, list of 25 participants is full, all slots are approved and in the works. A total of \$15,533.00 has been paid. Very successful program.</p> <p>City County Agency Diesel (CCAD) Program: In second year of program. If necessary, we will bring back to our next meeting in January.</p> <p>Financials through October 12, 2017: Informational purpose only.</p>
<p>Correspondence</p>	
<p>Adjournment:</p>	<p>At 3:00pm the meeting was adjourned until January 16, 2018 at 1:30 pm</p>

ADMINISTRATIVE MATTERS

ITEM 2

Election of Officers for 2018

Amador Air District

Memorandum

January 16, 2018

To: Board of Directors

From: Jim McHargue, Air Pollution Control Officer

Subject: Election of Officers for 2018 (Chair and Vice Chair)

The Board of Directors for the Amador Air District is an independent board from the Board of Supervisors and city governments. As such it is not required that the elected board officers for the District be the same as the Board of Supervisors or any other board.

The current terms for Chairman and Vice Chairman of the Amador Air District Board of Directors expire this month.

The Board needs to fill these vacancies for Calendar Year 2018. The new appointees will serve until the election of new officers at the first meeting in 2019.

Recommendation: Please select and appoint a Board Chairman and Vice Chairman for calendar year 2018.

ADMINISTRATIVE MATTERS
ITEM 3

**Approval of Meeting Schedule
for 2018**

Amador Air District

Memorandum

January 16, 2018

To: Board of Directors

From: Jim McHargue, Air Pollution Control Officer

Subject: Approval of Meeting Schedule for 2018

I am requesting Board approval for the Calendar Year 2018 meeting schedule.

I have selected meeting dates for the remainder of 2018 and our first meeting in 2019 for your consideration. I have indicated key items for those meetings.

They are scheduled for the third Tuesday of the month.

Meetings are held at the County Administration Building in the Board Chambers.

The meeting time is 1:30 p.m.

Proposed For 2018	Expected Key Actions
March 20 th	Proposed FY 2018-2019 budget
May 15 th	Public Hearing for the Proposed FY 2018 - 2019 budget
June 19 th	If needed
August 21 st	Adoption of the Final FY 2018 - 2019 Budget, State subvention request
October 16 th	Ongoing Programs
January 15, 2019	Elect Chair & Vice Chair, set meeting schedule for 2019

Recommendation: Board approval of the proposed meeting schedule as presented or amended.

ADMINISTRATIVE MATTERS

ITEM 4

**Rules Update – Presentation by
Mr. Ray Kapahi**

Amador Air District

Memorandum

January 16, 2018

To: Board of Directors

From: Jim McHargue, Air Pollution Control Officer

Subject: Rules Update – Presentation by Mr. Ray Kapahi

At the October 17, 2017, meeting of the Amador Air District's Board of Directors an ad-hoc committee was formed to meet and discuss the rules update project that has been in progress since 2010. Director Peters was unable to attend the ad-hoc committee meeting, however Director Morgan and APCO McHargue met with Mr. Ray Kapahi to discuss the rules update, budget expended and work product received. The following is a summary of some of the steps in the rules update project:

1. At the April 16, 2013 meeting of the Board of Directors a budget of between \$17,250 and \$21,000 was approved for Mr. Kapahi to proceed with the rules update project.
2. At the March 15, 2016, meeting of the Board of Directors, Mr. Kapahi gave an update on the rules update project and indicated a completion timeline of Fall/Winter 2016.
3. Based upon the memo/report Mr. Kapahi sent on June 30, 2017, staff was concerned the rules update was not completed to the satisfaction or expectation of the District.
4. Staff raised these concerns with Mr. Kapahi and he provided additional information on 9/18/17, however staff still believed the work product was lacking.
5. On October 6, 2017, Mr. Kapahi provided a more comprehensive memo/report, however it still lacked a redline rules update as promised in 2013.
6. On 11/14/17 Mr. Kapahi emailed the redline markup version of the rules update which staff is currently reviewing. From 4/16/13 through today, the District has been invoiced and paid \$16,237.20 to Mr. Kapahi.

Today Mr. Kapahi will present an overview of his redline updates to the District rules and discuss his project including the various work products delivered and the budget expended on this project. Mr. Kapahi will also discuss what work remains to be completed and the necessary steps in the process of having the Board approve changes to the rules. Mr. Kapahi will provide the District with the estimated cost to complete this project.

There is currently \$4,762.80 remaining on Mr. Kapahi's budget for this project, however it should be noted that the District paid \$5,292,50 to Mr. Kapahi in 2011 and 2013 for rules update work prior to the budget approval on 4/16/13.

Recommendation: Receive Mr. Kapahi's presentation and consider approval of the budget and remaining steps in the rules update project.

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**ADMINISTRATIVE MATTERS
ITEM 5**

Electric Vehicle Charging Stations

Amador Air District

Memorandum

January 16, 2018

To: Board of Directors

From: Jim McHargue, Air Pollution Control Officer

Subject: Electric Vehicle Charging Stations

After the October 17, 2017, meeting of the Amador Air District's Board of Directors and in response to direction to staff, the following was completed:

1. A letter was mailed to each incorporated city in the county and a follow up visit was made to each city regarding interest in a proposed Air District Electric Vehicle Charging Station grant program.
2. Calaveras County Air Pollution Control District was followed up with to see what is available for electric vehicle charging stations on the Highway 4 corridor.
3. Personal visits have been made to Imperial Hotel in Amador City, Castle Oaks Golf Course in Lone, Amador Council of Tourism, new hotel in Rancho Murieta, Lone Plaza Market, Taste Restaurant and the Amador County Transportation Commission.
4. The Air Pollution Control Officer has scheduled a presentation to Amador County Chamber of Commerce to discuss the proposed EVCS grant program on January 19, 2018 at 8:30 a.m.
5. Tesla has been contacted regarding their Tesla Partners Program in which they provide a dual tesla charger/traditional charger at no cost to select businesses.

As a result of the above-referenced staff follow ups, there has been interest in a proposed Amador Air District Electric Vehicle Charging Station grant program from cities of Amador City, Sutter Creek and Lone.

Staff recommends the District proceed with an initial pilot project consisting of the three cities. The program will grant 100% of the cost of the purchase and installation of an electric vehicle charging station up to a maximum of \$5,000. The grant recipient will sign a waiver releasing the Amador Air District of all liability and responsibility for the electric vehicle charging station and ongoing costs, maintenance and repairs. The grant recipient will submit a request for reimbursement including invoices and proof of payment upon completion of the electric vehicle charging station installation.

Recommendation: Authorize staff to proceed with a pilot electric vehicle charging station grant reimbursement program for 100% of purchase and installation up to \$5,000 maximum after the completion of the grantee's installation and with proper documentation provided to the District. The total pilot project budget will be \$15,000.

ADMINISTRATIVE MATTERS

ITEM 6

**Smoke Reduction Bin Program
(Pine Needle Bins)**

Amador Air District

Memorandum

January 16, 2018

To: Board of Directors

From: Jim McHargue, Air Pollution Control Officer

Subject: Smoke Reduction Bin Program (Pine Needle Bins)

In 2014, an ad-hoc committee of the Amador Air District's Board of Directors met to discuss potential programs that could be developed in an effort to draw down the District's growing cash reserve. One program discussed and approved by the full Board of Directors was the Smoke Reduction Bin Program (pine needle bins.) The program was expanded from its original \$40,000 annual budget to \$70,000 in 2015 and has operated at the \$70,000 annual budget amount until this year. The Vicini Brothers Green Waste Recycling Facility, the local processing facility where all material is taken, has experienced an overload of pine needles because of the program and requested the District end deliveries from the program in August of this year. This resulted in a shortened year for the program, which was terminated in September.

In addition, District staff has experienced illegal dumping of unauthorized materials in the bins and county residents have reported that professional landscapers/yard maintenance companies have been utilizing the bins for materials generated as a result of their business activities. Staff has considered the use of game cameras to identify these offenders, however at the District's current staffing levels there is not time to conduct a daily review of hours of bin video. Also, if offenders are identified it is not clear that they could be legally prosecuted even with video evidence.

As of January 2018, staff has been informed by Vicini Brother's Green Waste Recycling Facility that they can no longer accept ANY pine needles from the District's pine needle bin program. ACES has negotiated green waste disposal at Sierra Wood Waste in Sacramento, however the per ton disposal cost is \$38.00/ton (more than twice the current disposal cost.) ACES will still charge the haul charge to service the pine needle bins, however they have offered to waive the transfer charge from Buena Vista to the Sierra Wood Waste facility.

Recommendation:

1. Provide staff with the desired budget that will be allocated to the Smoke Reduction Bin Program for the 2018 season.
2. Authorize staff to manage the program appropriately within the allowed budget. In the event the budget is reduced, staff will need to reduce and/or eliminate bin locations.

ADMINISTRATIVE MATTERS
ITEM 7

**Draft Reserve Policy for
Amador Air District**

Amador Air District

Memorandum

January 16, 2018

To: Board of Directors

From: Jim McHargue, Air Pollution Control Officer

Subject: Draft Reserve Policy for Amador Air District

The Amador Air District is a special district in the County of Amador whose mission is to protect public health and the environment from the impacts of adverse air quality. The District is governed by a ten-member board of directors responsible for the fiscal oversight of the District's budget and long-term planning. One component of the fiscal oversight is a clear written policy on the maintenance of a prudent and appropriate cash reserve to protect the District during times of budgetary instability. It is the policy of the Amador Air District to maintain a cash reserve of:

- A. Not less than 25% of a three-year average, for the most recent three-year period, of the operating budget of the District. In the event the cash reserve of the District falls below the 25% level, an emergency meeting of the Board of Directors will be called within 30 days of determining the low cash reserve for making modifications to the current budget's expenditure plan. The Board will reduce the current budget expenditures in a manner consistent with maintaining the 25% cash reserve.
- B. Not more than 200% of a three-year average, for the most recent three-year period, of the operating budget of the District. In the event the cash reserve of the District exceeds the 200% level, an emergency meeting of the Board of Directors will be called within 30 days of determining the high cash reserve for making modifications to the current budget's expenditure plan. The Board will designate an amount of the budget, necessary to bring the cash reserve down to the desired range, for a specific expenditure purpose and will encumber funds until funds have been expended for the designated purpose.

Recommendation: Approval of the draft Amador Air District Cash Reserve policy.

ADMINISTRATIVE MATTERS
ITEM 8

**City of Jackson CCAD Special
Request**

Amador Air District

Memorandum

January 16, 2018

To: Board of Directors

From: Jim McHargue, Air Pollution Control Officer

Subject: City of Jackson CCAD Special Request

In 2015, the Air District's Board of Directors approved the City, County, Agency, Diesel Engine Replacement Program (CCAD.) The program provides grants to cities, counties or agencies within the County of Amador to replace an old non-EPA compliant diesel engine with a new Tier 4 Final status engine.

The City of Jackson was interested in obtaining a chipper for its Public Works crews, however the city did not have an old non-EPA compliant engine to offer as replacement so the project did not come to fruition. Separately, the city's Fire Department requested grant assistance with purchasing an air compressor for their fire department. Although the Fire Department did not have an old non-EPA engine to offer for replacement, as a compromise Air District staff granted approximately \$9,000 for their new air compressor. This was a good faith effort on the part of the Air District to provide assistance to the city even though they did not meet the requirements of the program.

Air District Board Director Stimpson, from City of Jackson, has requested special consideration from the Air District Board of Directors for grant assistance for a chipper to be used by the City's Public Works crew. This chipper will reduce the dump truck haul loads the City currently is required to perform; and a result will reduce adverse air quality impacts.

Recommendation: Consideration of the Director Stimpson's request and provide direction to staff regarding this matter.

ADMINISTRATIVE MATTERS

ITEM 9

APCO Update:

- CEIDARS Request from California Air Resources Board
 - Woodstove Change-Out Program
 - CCAD Program
 - Financials through January 11, 2018

Request from CARB to AAD:

<u>Request Date:</u>	<u>Information Requested</u>
April 05, 2016	CARB staff concluded that facilities in Amador County are not subject to non-vehicular source fees, because Amador County remains unclassified for the State PM10 standard.
November 28, 2016	New request from Todd Dooley at CARB on Buena Vista Biomass Plant (BVBP)
November 30, 2016 (x2)	More requests on BVBP 
December 02, 2016	
January 05, 2017	
February 28, 2017	
March 06, 2017	
March 08, 2017	
April 11, 2017	Todd Dooley requests Ampine Info.
April 17, 2017	More requests on Ampine
April 18, 2017	More requests on Ampine
May 1, 2017	Todd Dooley sends fee invoice (\$196,812) to Ampine but to wrong address.
May 30, 2017	AAD provides correct address for Ampine
June 02, 2017	Jim requests Todd Dooley to stop further invoices and brings Ray Kapahi as an intermediary
June 15, 2017	Continued requests from Todd Dooley at ARB on all Amador Sources. 
June 16 through September 18, 2017	
September 18, 2017	
September 21 - 22, 2017	
September 28, 2017	
October 03, 2017	
October 11, 2017	
October 12 through November 8, 2017	
November 7, 2017	

California Emission Inventory Development and Reporting System (CEIDARS):

The California Air Resources Board (CARB) has collected information on emissions from air pollution sources since 1969. This information is periodically compiled by State and local air pollution control agencies to create an emission inventory --- an important building block in the development of the State's air pollution control program.

The staff at CARB compiles data to create the criteria pollutant emission inventory which includes information on the emissions of reactive organic gases (ROG), oxides of nitrogen (NO_x), oxides of sulfur (SO_x), carbon monoxide (CO), and particulate matter (PM₁₀). Data is gathered on an ongoing basis and stored in the California Emission Inventory Development and Reporting System (CEIDARS). A summary of the criteria pollutant inventory is published annually. The California emission inventory contains information on the following air pollution sources:

- *Stationary Sources* - approximately 13,000 individual facilities, called point sources. Point sources are fixed pollution sources such as electric power plants and refineries. There are also about 135 aggregated point source categories. These categories estimate emissions for the non-point source stationary sources;
- *Area-Wide Sources* - approximately 80 source categories. An area-wide source category is made up of sources of pollution mainly linked to the activity of people. Examples of these sources include consumer products and architectural coatings used in a region; and
- *Mobile Sources* - all on-road vehicles such as automobiles and trucks; off-road vehicles such as trains, ships, aircraft; and farm equipment.

The principal agencies contributing data to the stationary and area-wide source inventory are CARB and the California air pollution control and air quality management districts. CARB, the California Department of Transportation (CALTRANS), and regional transportation agencies are the principal agencies involved in developing the mobile source inventory.

The information represented in the California emission inventory is a snap-shot of a variety of dynamic and variable processes. As such, the emission inventory can only represent an estimate of what is actually occurring. Due to the importance of the inventory in air quality planning and management, CARB and local air pollution control agencies are working together to further refine estimation methods to improve the inventory.

CEIDARS 2.5 Database Structure

This page last reviewed March 13, 2013

This document specifies the logical design of the CEIDARS database. It consists of two parts: 1) [a description of the basic data tables and their contents](#) and 2) [a specification of the relationships between the tables](#). Together they constitute the logical schema for CEIDARS.

DATABASE TABLES

The CEIDARS database consists of two categories of information: [source information](#) and [utility information](#). Source information includes the basic inventory information generated and collected on all point and area sources. Utility information generally includes auxiliary data, which helps categorize and further define the source information. Used together, CEIDARS is capable of generating complex reports based on a multitude of category and source selection criteria.

Source Information

Source information contains the basic data on the facilities, stacks, devices, and processes that emit criteria pollutants into the air. There are two types of sources: point and area. Point sources are generally large sources that are individually identified in the database and have fixed locations, such as power plants or steel mills. Area sources are generally small sources that individually emit small quantities of pollutants but collectively result in significant emissions. Examples of area sources are smaller plants not accounted for in the point source inventory, and sources of emissions occurring over broad geographic locations, such as pesticide usage, applications of architectural coatings, and motor vehicle activity.

Information generated and collected for point and area sources are stored in the tables listed below.

- **FACILITY** - This table contains the name, address and UTM of each emitting facility in CEIDARS. A combination of the county ID, the facility ID, the airbasin code and the district code uniquely identifies a facility. These four fields together form the primary key for the table.
- **STACK** - This table contains the pertinent stack parameters for all the facilities which have stacks. These parameters include stack height, flow rate, diameter, temperature and UTM coordinates of each stack. Not all facilities have stacks. The primary key for the stack table consists of the county ID, facility ID, airbasin code, district code, and the stack ID.

- **DEVICE** - This table contains the information identifying each device in a facility which has emitting processes. Each facility identified in the database should have one or more devices. Data stored in this table includes local device name, permit ID, and number of devices represented. The primary key to the device table is the county ID, facility ID, airbasin code, district code and the device ID.
- **PROCESS** - This table identifies all processes, which emit pollutants. For point sources, each device identified in the database has one or more emitting processes. For area sources, each category of emissions is identified as a process. This file includes such processing information as monthly thruput, process rate, process descriptions, operating cycles, and stack ID if the emissions from the process are vented to a stack. Processes and devices may emit pollutants directly to the ambient environment or they may be vented to a stack. Several devices and many processes may be vented to a single stack. The primary key to this table is the county ID, facility ID, air basin code, district code, device ID and the process ID.
- **EMISSION** - This table contains the actual emissions for each emitting process. Each process emits one or more pollutants. For each pollutant emitted, the table carries information on the emission factors used, amounts emitted, methods of calculation and types and efficiency of control equipment used. The primary key to this table is the county ID, facility ID, air basin code, district code, device ID, process ID and the pollutant ID.
- **EXCESS** - This table records the unplanned excess emissions, which may result from breakdowns, variances, or unusual occurrences. The primary key to this table is the county ID, facility ID, air basin code, district code, device ID, process ID, the pollutant ID, along with the type, year and quarter of the excess emissions.

Detailed listings and descriptions of data fields for each of these tables are contained in the [CEIDARS Data Dictionary](#).

Utility Information

Beyond the six tables above which carries the basic inventory data from the various sources in the state, there is a host of other tables which supplement the basic inventory data. These are used to help categorize the sources, define the codes used, forecast future scenarios, and assist in quality assurance. Listed below are brief descriptions of some of the more significant tables:

- **COABDIS** - This table contains the county ID and names of all counties in California, the airbasin codes and names, and all district codes and names.
- **POLLUTANT** - This table lists all the pollutants maintained in CEIDARS. It shows the pollutant long and short names by pollutant ID. For criteria pollutants, this pollutant ID is the EPA SAROAD code. For toxics, it is generally the Chemical Abstract Service (CAS) identification number, unless one has not yet been assigned -- in which case, a four digit ARB pollutant ID is used.
- **SCC** - This table contains the Source Classification Codes and the descriptions of what they mean. It also contains codes to characterize process, entrainment and materials, and dimensions.
- **SIC** - This table contains the Standard Industrial Classification codes along with their descriptions. Additionally, it contains codes characterizing the activity and subactivity.
- **CATEGORY** - This table contains all combinations of SCC and SIC used in CEIDARS. Each combination provides a grouping that is useful for categorizing the sources and

provides flexibility in reporting. For example, forecasting is performed based on the growth and control categories defined by the combination of SCC and SIC. Other groupings are used for producing summary reports. It also contains the fractions for reactive organics and profiles for particulates and organic categories. The CATEGORY table also provides a pointer to ARB's new Emission Inventory Code (EIC) categorization scheme.

- **EIC** - This table lists ARB's new Emission Inventory Codes (EIC). Each fourteen digit EIC is composed of four parts. The first part is a three-digit code pointing to the summary category. The second part is a three-digit code pointing to the source category. The third part is a four-digit code pointing to the materials description. And the last part is another four-digit code pointing to a subcategory.

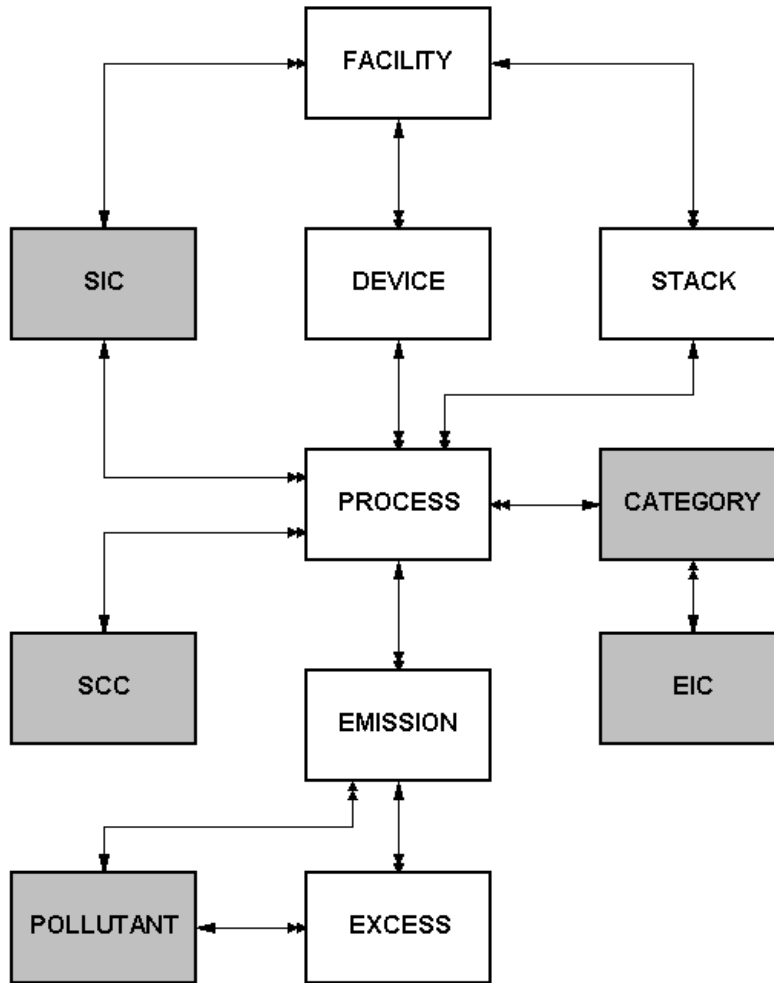
In addition to these utility information tables, there are numerous others, which serve primarily to provide additional information, and to describe the codes used in the other tables. A description of these tables and their contents are listed in the [CEIDARS Data Dictionary](#).

RELATIONSHIP BETWEEN TABLES

In order to be useful, records in tables must be able to be joined together in a meaningful way. That is why the logical schema must also specify the relationship between tables and paths for joining them.

The figure below is a data structure diagram, which illustrates the relationships between the various CEIDARS tables. (Only the primary tables are shown -- otherwise the diagram would be too busy and confusing.) The clear boxes are the source information tables, the shaded boxes are the utility tables, and the lines between them shows their relationship with one another.

CEIDARS II
Database Structure



The arrowheads on the relationship lines show whether the relationships between records are one-to-one, one-to-many or many-to-many. For example, the line between the FACILITY table and the DEVICE table has a single arrowhead at the FACILITY table and a double arrowhead at the DEVICE table: this means that a single facility may have multiple devices, and conversely, a specific device can be located in only one facility.

Relationships between tables are also implied in the [CEIDARS Data Dictionary](#) where the domain for a field in a table is another table.

Amador Air District

Memorandum

January 16, 2018

To: Board of Directors

From: Jim McHargue, Air Pollution Control Officer

Subject: Woodstove Change-Out Program

As of January 09, 2018, the Amador Air District has paid a total of \$44,838.43 to 23 participants for our Woodstove Change-Out program, which was launched July 01, 2017.

Participant 24 & 25 are in the pipeline and should be finalized in the next couple of weeks.

CCAD 2016/2017/2018 Distributions:

AGENCY:	EQUIPMENT PURCHASED:	DISTRICT CONTRIBUTION:
Amador Water Agency	Generator – 2014 Cummins Doosan Generator Set with a 173hp - Tier 4 Final	\$25,000.00
City of Sutter Creek	Jet-N-Vac Hydro Vacuum Sewer Cleaning Trailer	\$25,000.00
Amador County Public Works	Air Compressor – 185 CFM Airman 100 psi Air Compressor 49hp unit.	\$15,719.40
City of Ione	Generator – Magnum MMG451F4 Tier 4 Final Diesel Generator, Mounted on single axle trailer.	\$25,000.00
City of Jackson – Fire Department	22kw Generac Generator	\$6,402.75

TOTAL PAID: \$97,122.15

PROJECT IN PROGRESS:		
Amador Regional Sanitation Authority (ARSA)	Irrigation Pump	\$25,000.00
Amador Water Agency	Generator	\$25,000.00

TOTAL INCLUDING IN PROGRESS: \$147,122.15

REMAINING MONEY IN BUDGET:	
	\$21,877.85

Amador Air District
Balance Sheet
As of January 10, 2018

	<u>Jan 10, 18</u>
ASSETS	
Current Assets	
Checking/Savings	
AAD Bank 101735	726,611.58
Total Checking/Savings	726,611.58
Other Current Assets	
101002 Petty Cash	200.00
Total Other Current Assets	200.00
Total Current Assets	726,811.58
Fixed Assets	
150630 Equipment	25,537.48
Total Fixed Assets	25,537.48
TOTAL ASSETS	<u>752,349.06</u>
LIABILITIES & EQUITY	
Equity	
Retained Earnings	674,766.89
Net Income	77,582.17
Total Equity	752,349.06
TOTAL LIABILITIES & EQUITY	<u>752,349.06</u>

Amador Air District Custom Summary Report July 1, 2017 through January 11, 2018

	<u>Jul 1, '17 - Jan 11, 18</u>
Income	
42145 Burn Permits	13,010.00
44100 Interest	2,630.07
45070 DMV Fees	113,670.94
45460 ARB Subvention	47,250.41
46940 Permits & Emission Fees	
46940 PERP	14,781.31
46940 Vapor Recovery / Nozzles	7,892.42
46940 Permits & Emission Fees - Other	92,202.55
Total 46940 Permits & Emission Fees	<u>114,876.28</u>
47890 Miscellaneous	
47890 Authority to Construct	2,881.96
47890 Change of Ownership	411.84
47890 Vehicle Lease to WM	900.00
Total 47890 Miscellaneous	<u>4,193.80</u>
Total Income	<u>295,631.50</u>
Gross Profit	295,631.50
Expense	
50100 Salaries	51,817.25
50121 Cell Phone Stipend	225.00
50300 Retirement	5,180.39
50304 PERS Misc. Unfund Lia.	5,386.32
50310 FICA/Medicare Tax	3,914.27
50400 Employee Group Insurance	26.40
50500 Worker's compensation	652.95
51200 Communications	1,440.20
51700 Maintenance - Equipment	51.00
51760 Maintenance - Licensing	585.82
52200 Office Expenses	817.50
52211 GSA Cost Allocation	794.00
52300 Professional Services	50,062.30
52500 Rent/Lease of Equipment	346.57
52600 Rents, Leases	7,308.63
52900 GSA and In County Travel	758.95
52910 Meetings & Training	148.50
54120 Community Projects	43,694.85
54712 Business Projects	44,838.43
Total Expense	<u>218,049.33</u>
Net Income	<u><u>77,582.17</u></u>

Amador Air District

Revenue & Expenses Budget vs. Actual

July 1, 2017 through January 11, 2018

	Jul 1, '17 - Jan 1...	Budget	\$ Over Budget	% of Budget
Income				
201002 NSF pass through	0.00	0.00	0.00	0.0%
42145 Burn Permits	13,010.00	0.00	13,010.00	100.0%
44100 Interest	2,630.07	0.00	2,630.07	100.0%
45070 DMV Fees	113,670.94	0.00	113,670.94	100.0%
45240 Carl Moyer Program Funds	0.00	0.00	0.00	0.0%
45460 ARB Subvention	47,250.41	0.00	47,250.41	100.0%
45461 Lower Emission School Bus	0.00	0.00	0.00	0.0%
45490 State Mandated	0.00	0.00	0.00	0.0%
46021 Local Funding	0.00	0.00	0.00	0.0%
46940 Permits & Emission Fees				
46940 PERP	14,781.31	0.00	14,781.31	100.0%
46940 Title V Fees	0.00	0.00	0.00	0.0%
46940 Vapor Recovery / Nozzles	7,892.42	0.00	7,892.42	100.0%
46940 Permits & Emission Fees - Other	92,202.55	0.00	92,202.55	100.0%
Total 46940 Permits & Emission Fees	114,876.28	0.00	114,876.28	100.0%
47890 Miscellaneous				
47890 Authority to Construct	2,881.96	0.00	2,881.96	100.0%
47890 Change of Ownership	411.84	0.00	411.84	100.0%
47890 Engineer Fees	0.00	0.00	0.00	0.0%
47890 Fines	0.00	0.00	0.00	0.0%
47890 Vehicle Lease to WM	900.00	0.00	900.00	100.0%
47890 Miscellaneous - Other	0.00	0.00	0.00	0.0%
Total 47890 Miscellaneous	4,193.80	0.00	4,193.80	100.0%
Total Income	295,631.50	0.00	295,631.50	100.0%
Cost of Goods Sold				
Cost of Goods Sold	0.00	0.00	0.00	0.0%
Total COGS	0.00	0.00	0.00	0.0%
Gross Profit	295,631.50	0.00	295,631.50	100.0%
Expense				
50100 Salaries	51,817.25	0.00	51,817.25	100.0%
50121 Cell Phone Stipend	225.00	0.00	225.00	100.0%
50300 Retirement	5,180.39	0.00	5,180.39	100.0%
50304 PERS Misc. Unfund Lia.	5,386.32	0.00	5,386.32	100.0%
50310 FICA/Medicare Tax	3,914.27	0.00	3,914.27	100.0%
50400 Employee Group Insurance	26.40	0.00	26.40	100.0%
50500 Worker's compensation	652.95	0.00	652.95	100.0%
51110 Protective Clothing	0.00	0.00	0.00	0.0%
51200 Communications	1,440.20	0.00	1,440.20	100.0%
51700 Maintenance - Equipment	51.00	0.00	51.00	100.0%
51760 Maintenance - Licensing	585.82	0.00	585.82	100.0%
52000 Memberships	0.00	0.00	0.00	0.0%
52200 Office Expenses	817.50	0.00	817.50	100.0%
52211 GSA Cost Allocation	794.00	0.00	794.00	100.0%
52300 Professional Services	50,062.30	0.00	50,062.30	100.0%
52380 Hearing Board	0.00	0.00	0.00	0.0%
52400 Publications/Legal Notcei	0.00	0.00	0.00	0.0%
52500 Rent/Lease of Equipment	346.57	0.00	346.57	100.0%
52600 Rents, Leases	7,308.63	0.00	7,308.63	100.0%
52800 Special Departmental Exp	0.00	0.00	0.00	0.0%
52803 Lwr Emiss School Bus P	0.00	0.00	0.00	0.0%
52815 Air Resources Board Fees	0.00	0.00	0.00	0.0%
52824 Biomass Grant	0.00	0.00	0.00	0.0%
52900 GSA and In County Travel	758.95	0.00	758.95	100.0%
52910 Meetings & Training	148.50	0.00	148.50	100.0%
53000 Utilities	0.00	0.00	0.00	0.0%
54120 Community Projects	43,694.85	0.00	43,694.85	100.0%
54711 DMV Fee Grants	0.00	0.00	0.00	0.0%
54712 Business Projects	44,838.43	0.00	44,838.43	100.0%
54715 Carl Moyer Fund Grants	0.00	0.00	0.00	0.0%
56200 Fixed Assets - Equipment	0.00	0.00	0.00	0.0%

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January 11, 2018

Cash Basis

Amador Air District
Revenue & Expenses Budget vs. Actual
July 1, 2017 through January 11, 2018

	<u>Jul 1, '17 - Jan 1...</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
58900 CAPCOW	0.00	0.00	0.00	0.0%
59500 Contingencies	0.00	0.00	0.00	0.0%
Bad Debt	0.00	0.00	0.00	0.0%
Payroll Expenses	0.00	0.00	0.00	0.0%
Reconciliation Discrepancies	0.00	0.00	0.00	0.0%
Total Expense	<u>218,049.33</u>	<u>0.00</u>	<u>218,049.33</u>	<u>100.0%</u>
Net Income	<u>77,582.17</u>	<u>0.00</u>	<u>77,582.17</u>	<u>100.0%</u>

Amador Air District Expenses by Vendor Detail July 1, 2017 through January 11, 2018

Type	Date	Memo	Account	Paid Amount	Balance	Open Balance
A & B Stoves						
Bill	09/05/2017	James (Jim) Y...	54712 Business Pr...	2,000.00	2,000.00	
Bill	10/24/2017	Luke & Shanno...	54712 Business Pr...	1,909.68	3,909.68	
Bill	10/24/2017	Joseph Justice	54712 Business Pr...	1,864.20	5,773.88	
Bill	12/11/2017	Woodstove Ch...	54712 Business Pr...	2,000.00	7,773.88	
Bill	12/11/2017	Woodstove Ch...	54712 Business Pr...	2,000.00	9,773.88	
Bill	01/09/2018	Application #21	54712 Business Pr...	2,000.00	11,773.88	
Total A & B Stoves				11,773.88	11,773.88	0.00
Aces Waste Services						
Bill	07/06/2017	Pine Acres #66...	54120 Community ...	2,765.68	2,765.68	
Bill	07/06/2017	Silver Drive #6...	54120 Community ...	5,385.15	8,150.83	
Bill	07/06/2017	Sutter Creek F...	54120 Community ...	1,108.28	9,259.11	
Bill	07/06/2017	Lockwood FS #...	54120 Community ...	1,164.21	10,423.32	
Bill	07/06/2017	Amador Ave (...)	54120 Community ...	1,723.70	12,147.02	
Bill	07/06/2017	Burnt Cedar (N...	54120 Community ...	218.29	12,365.31	
Bill	08/02/2017	Neighborhood ...	54120 Community ...	833.37	13,198.68	
Bill	08/02/2017	Sutter Creek Fi...	54120 Community ...	1,092.30	14,290.98	
Bill	08/02/2017	Lockwood Fire ...	54120 Community ...	1,952.02	16,243.00	
Bill	08/02/2017	Pine Acres	54120 Community ...	2,999.44	19,242.44	
Bill	08/02/2017	Silver Drive x2	54120 Community ...	6,022.67	25,265.11	
Bill	09/05/2017	Sutter Creek Fi...	54120 Community ...	881.83	26,146.94	
Bill	09/05/2017	Lockwood Fire ...	54120 Community ...	1,502.01	27,648.95	
Bill	09/05/2017	Pine Acres	54120 Community ...	1,614.05	29,263.00	
Bill	09/05/2017	Silver Drive	54120 Community ...	3,776.88	33,039.88	
Bill	09/05/2017	Williams Road ...	54120 Community ...	1,381.31	34,421.19	
Bill	10/10/2017	Neighborhood ...	54120 Community ...	277.28	34,698.47	
Bill	10/10/2017	Neighborhood ...	54120 Community ...	1,096.04	35,794.51	
Bill	10/10/2017	Sutter Creek Fi...	54120 Community ...	867.89	36,662.40	
Bill	10/10/2017	Lockwood Fire ...	54120 Community ...	1,461.89	38,124.29	
Bill	10/10/2017	27160 Silver Dr...	54120 Community ...	2,987.02	41,111.31	
Bill	10/10/2017	Pine Acres Co...	54120 Community ...	1,378.76	42,490.07	
Bill	11/09/2017	Neighborhood ...	54120 Community ...	22.27	42,512.34	
Bill	11/09/2017	Sutter Creek Fi...	54120 Community ...	7.65	42,519.99	
Bill	11/09/2017	Lockwood Fire ...	54120 Community ...	14.45	42,534.44	
Bill	11/09/2017	Silver Drive	54120 Community ...	110.50	42,644.94	
Bill	11/09/2017	Pine Acres	54120 Community ...	40.46	42,685.40	
Total Aces Waste Services				42,685.40	42,685.40	0.00
Alliant Insurance Services, Inc.						
Bill	07/06/2017	17-18 SPIP Pr...	52300 Professional ...	639.20	639.20	
Bill	09/12/2017	SLIP - Special ...	52300 Professional ...	1,713.05	2,352.25	
Total Alliant Insurance Services, Inc.				2,352.25	2,352.25	0.00
Amador County - Waste Management						
Bill	10/10/2017	Jim's Salary - ...	52300 Professional ...	16,649.34	16,649.34	
Bill	01/09/2018	July-Aug-Sept ...	52300 Professional ...	15,102.68	31,752.02	
Total Amador County - Waste Management				31,752.02	31,752.02	0.00
AT & T						
Bill	07/06/2017	June 2017 Billing	51200 Communicati...	152.01	152.01	
Bill	08/01/2017	July 2017 Billing	51200 Communicati...	176.49	328.50	
Bill	09/05/2017	August 2017 Bi...	51200 Communicati...	179.23	507.73	
Bill	10/10/2017	Sept. 2017	51200 Communicati...	176.86	684.59	
Bill	11/02/2017	Oct. 22, 2017 ...	51200 Communicati...	178.07	862.66	
Bill	12/05/2017	Nov. 2017 Billing	51200 Communicati...	177.91	1,040.57	
Bill	01/03/2018	Dec. 22, 2017 ...	51200 Communicati...	177.87	1,218.44	
Total AT & T				1,218.44	1,218.44	0.00
Board of Equalization						
Bill	09/11/2017	Use Tax FYE 0...	54120 Community ...	95.43	95.43	
Total Board of Equalization				95.43	95.43	0.00
CCAD						
Bill	08/07/2017	City County Ag...	52300 Professional ...	4.53	4.53	
Total CCAD				4.53	4.53	0.00
Cell Phone						

Amador Air District Expenses by Vendor Detail July 1, 2017 through January 11, 2018

Type	Date	Memo	Account	Paid Amount	Balance	Open Balance
Bill	08/07/2017	June 2017	50121 Cell Phone S...	45.00	45.00	
Bill	09/11/2017	July 2017	50121 Cell Phone S...	45.00	90.00	
Bill	10/10/2017	Aug. 2017	50121 Cell Phone S...	45.00	135.00	
Bill	11/02/2017	Sept. 2017	50121 Cell Phone S...	45.00	180.00	
Bill	12/06/2017	October 2017	50121 Cell Phone S...	45.00	225.00	
Total Cell Phone				225.00	225.00	0.00
FICA/MEDICARE						
Bill	08/07/2017	June 2017	50310 FICA/Medica...	776.41	776.41	
Bill	09/11/2017	July 2017	50310 FICA/Medica...	776.41	1,552.82	
Bill	10/10/2017	Aug. 2017	50310 FICA/Medica...	776.41	2,329.23	
Bill	11/02/2017	Sept. 2017	50310 FICA/Medica...	792.52	3,121.75	
Bill	12/06/2017	October 2017	50310 FICA/Medica...	792.52	3,914.27	
Total FICA/MEDICARE				3,914.27	3,914.27	0.00
Group Insurance						
Bill	08/07/2017		50400 Employee Gr...	5.28	5.28	
Bill	09/11/2017	July 2017	50400 Employee Gr...	5.28	10.56	
Bill	10/10/2017	Aug. 2017	50400 Employee Gr...	5.28	15.84	
Bill	11/02/2017	Sept. 2017	50400 Employee Gr...	5.28	21.12	
Bill	12/06/2017	October 2017	50400 Employee Gr...	5.28	26.40	
Total Group Insurance				26.40	26.40	0.00
GSA - Cost Allocation						
Bill	08/18/2017	July 2017 Billing	52211 GSA Cost All...	397.00	397.00	
Bill	11/02/2017	GSA Support C...	52211 GSA Cost All...	397.00	794.00	
Total GSA - Cost Allocation				794.00	794.00	0.00
GSA - CPP						
Bill	07/18/2017	June 2017 Billing	52500 Rent/Lease ...	49.61	49.61	
Bill	09/20/2017	August 2017	52500 Rent/Lease ...	156.45	206.06	
Bill	11/02/2017	GSA Support C...	52500 Rent/Lease ...	85.22	291.28	
Bill	12/06/2017	October 2017 -...	52500 Rent/Lease ...	55.29	346.57	
Total GSA - CPP				346.57	346.57	0.00
GSA - Fuel						
Bill	07/18/2017	Ford Escape	52900 GSA and In ...	123.87	123.87	
Bill	07/18/2017	Jeep Patriot	52900 GSA and In ...	44.70	168.57	
Bill	08/17/2017	Ford Escape	52900 GSA and In ...	57.35	225.92	
Bill	08/17/2017	Jeep Patriot	52900 GSA and In ...	55.79	281.71	
Bill	10/10/2017	Ford Escape_A...	52900 GSA and In ...	90.61	372.32	
Bill	10/10/2017	Jeep Patriot_A...	52900 GSA and In ...	25.07	397.39	
Bill	10/19/2017	Ford Escape	52900 GSA and In ...	103.89	501.28	
Bill	10/19/2017	Jeep Patriot	52900 GSA and In ...	38.75	540.03	
Bill	11/20/2017	Ford Escape	52900 GSA and In ...	66.90	606.93	
Bill	11/20/2017	Jeep Patriot	52900 GSA and In ...	59.56	666.49	
Bill	12/20/2017	Ford Escape F...	52900 GSA and In ...	76.09	742.58	
Bill	12/20/2017	Jeep Patriot Fuel	52900 GSA and In ...	16.37	758.95	
Total GSA - Fuel				758.95	758.95	0.00
GSA - Office Supplies						
Bill	07/18/2017	Copy Paper (C...	52200 Office Expen...	25.26	25.26	
Bill	07/18/2017	Postage (2016 ...	52200 Office Expen...	63.78	89.04	
Bill	08/18/2017	July 2017 Billing	52200 Office Expen...	18.77	107.81	
Bill	09/20/2017	August 2017_P...	52200 Office Expen...	27.55	135.36	
Bill	10/19/2017	Postage	52200 Office Expen...	18.77	154.13	
Bill	11/20/2017	Postage	52200 Office Expen...	19.48	173.61	
Bill	12/20/2017	Postage	52200 Office Expen...	18.77	192.38	
Total GSA - Office Supplies				192.38	192.38	0.00
Herminia Perry						
Bill	09/20/2017	LCW Training ...	52910 Meetings & T...	67.00	67.00	
Bill	11/13/2017	CSDA - Unders...	52910 Meetings & T...	40.00	107.00	
Bill	11/13/2017	Travel cost	52910 Meetings & T...	41.50	148.50	
Total Herminia Perry				148.50	148.50	0.00
IT Communications						
Bill	08/07/2017	June 2017 - Ph...	51200 Communicati...	62.23	62.23	

Amador Air District Expenses by Vendor Detail July 1, 2017 through January 11, 2018

Type	Date	Memo	Account	Paid Amount	Balance	Open Balance
Bill	11/02/2017	Journal Entry 0...	51200 Communicati...	159.53	221.76	
Total IT Communications				221.76	221.76	0.00
IT Support						
Bill	08/07/2017	June 2017 - Te...	51760 Maintenance...	290.95	290.95	
Bill	11/02/2017	Tech Cost Matr...	51760 Maintenance...	294.87	585.82	
Total IT Support				585.82	585.82	0.00
L & M Automotive & Towing						
Bill	12/11/2017	Ford Escape O...	51700 Maintenance...	51.00	51.00	
Total L & M Automotive & Towing				51.00	51.00	0.00
Myron Corporation						
Bill	09/05/2017	2018 Yearly Po...	54120 Community ...	914.02	914.02	
Total Myron Corporation				914.02	914.02	0.00
Office Depot						
Bill	10/10/2017	Office Supplies	52200 Office Expen...	57.18	57.18	
Bill	11/02/2017	Office Supplies	52200 Office Expen...	67.94	125.12	
Total Office Depot				125.12	125.12	0.00
PERS Misc. Unfund Liability						
Bill	09/11/2017	July 2017	50304 PERS Misc. ...	1,346.58	1,346.58	
Bill	10/10/2017	Aug. 2017	50304 PERS Misc. ...	1,346.58	2,693.16	
Bill	11/02/2017	Sept. 2017	50304 PERS Misc. ...	1,346.58	4,039.74	
Bill	12/06/2017	October 2017	50304 PERS Misc. ...	1,346.58	5,386.32	
Total PERS Misc. Unfund Liability				5,386.32	5,386.32	0.00
Public Works						
Bill	09/07/2017	April 2017	52600 Rents, Leases	812.07	812.07	
Bill	09/07/2017	May 2017	52600 Rents, Leases	812.07	1,624.14	
Bill	09/07/2017	June 2017	52600 Rents, Leases	812.07	2,436.21	
Bill	10/10/2017	Rent Lease - J...	52600 Rents, Leases	2,436.21	4,872.42	
Bill	01/09/2018	Space Rental f...	52600 Rents, Leases	2,436.21	7,308.63	
Total Public Works				7,308.63	7,308.63	0.00
Ray Kapahi						
Bill	07/06/2017	Engineering Re...	52300 Professional ...	5,850.00	5,850.00	
Bill	07/06/2017	District Rule R...	52300 Professional ...	2,790.00	8,640.00	
Bill	09/07/2017	Develop CEID...	52300 Professional ...	3,060.00	11,700.00	
Bill	09/07/2017	Site visit on 7-1...	52300 Professional ...	561.00	12,261.00	
Bill	11/02/2017	Invoice #728	52300 Professional ...	3,692.50	15,953.50	
Total Ray Kapahi				15,953.50	15,953.50	0.00
Retirement						
Bill	08/07/2017	June 2017	50300 Retirement	1,869.35	1,869.35	
Bill	09/11/2017	July 2017	50300 Retirement	818.46	2,687.81	
Bill	10/10/2017	Aug. 2017	50300 Retirement	818.46	3,506.27	
Bill	11/02/2017	Sept. 2017	50300 Retirement	837.06	4,343.33	
Bill	12/06/2017		50300 Retirement	837.06	5,180.39	
Total Retirement				5,180.39	5,180.39	0.00
Salaries						
Bill	08/07/2017	June 2017	50100 Salaries	10,279.23	10,279.23	
Bill	09/11/2017	July 2017	50100 Salaries	10,279.24	20,558.47	
Bill	10/10/2017	Aug. 2017	50100 Salaries	10,279.24	30,837.71	
Bill	11/02/2017	Sept. 2017	50100 Salaries	10,489.77	41,327.48	
Bill	12/06/2017	October 2017	50100 Salaries	10,489.77	51,817.25	
Total Salaries				51,817.25	51,817.25	0.00
Sierra Hearth & Home						
Bill	07/18/2017	Woodstove Ch...	54712 Business Pr...	2,000.00	2,000.00	
Bill	08/03/2017	Woodstove Ch...	54712 Business Pr...	2,000.00	4,000.00	
Bill	09/05/2017	Woodstove Ch...	54712 Business Pr...	2,000.00	6,000.00	
Bill	09/12/2017	Woodstove Ch...	54712 Business Pr...	2,000.00	8,000.00	
Bill	09/12/2017	Woodstove Ch...	54712 Business Pr...	2,000.00	10,000.00	
Bill	10/03/2017	Woodstove Ch...	54712 Business Pr...	1,533.79	11,533.79	
Bill	10/03/2017	Woodstove Ch...	54712 Business Pr...	2,000.00	13,533.79	

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January 11, 2018
Cash Basis

Amador Air District Expenses by Vendor Detail July 1, 2017 through January 11, 2018

Type	Date	Memo	Account	Paid Amount	Balance	Open Balance
Bill	10/19/2017	Woodstove Ch...	54712 Business Pr...	2,000.00	15,533.79	
Bill	11/09/2017	Melissa Engelb...	54712 Business Pr...	2,000.00	17,533.79	
Bill	11/09/2017	Daniel & Susan...	54712 Business Pr...	2,000.00	19,533.79	
Bill	11/09/2017	Charles Copela...	54712 Business Pr...	2,000.00	21,533.79	
Bill	11/14/2017	Leslye Viscarra...	54712 Business Pr...	1,530.76	23,064.55	
Bill	11/14/2017	Amy McCuan_...	54712 Business Pr...	2,000.00	25,064.55	
Bill	11/14/2017	Mike Moran_A...	54712 Business Pr...	2,000.00	27,064.55	
Bill	12/05/2017	Woodstove Ch...	54712 Business Pr...	2,000.00	29,064.55	
Bill	12/21/2017	Woodstove Ch...	54712 Business Pr...	2,000.00	31,064.55	
Bill	12/21/2017	Woodstove Ch...	54712 Business Pr...	2,000.00	33,064.55	
Total Sierra Hearth & Home				33,064.55	33,064.55	0.00
Travis Branco Designs						
Bill	08/03/2017	AAD Logo_50...	52200 Office Expen...	250.00	250.00	
Bill	09/20/2017	Final Payment ...	52200 Office Expen...	250.00	500.00	
Total Travis Branco Designs				500.00	500.00	0.00
Worker's Comp						
Bill	08/07/2017	June 2017	50500 Worker's co...	24.68	24.68	
Bill	11/02/2017	Sept. 2017	50500 Worker's co...	628.27	652.95	
Total Worker's Comp				652.95	652.95	0.00
TOTAL				218,049.33	218,049.33	0.00

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CORRESPONDENCE

RECEIVED

Foothill Resource Management

Steve Q. Cannon, RPF #2316

DEC 14 2017

Board of Directors
Amador Air District
810 Court Street
Jackson, CA 95642

AMADOR AIR DISTRICT

10 December 2012

Dear Board,

I am very irritated by the way that the Air District is being managed. There are a number of issues that your board must address and I will list them below.

1. I called the Burn Day Information Line today, Sunday December 10, 2017, and I heard the recording that because the State Air Resource Board considers the atmospheric conditions to have poor air quality, today is NOT a permissible burn day. The situation was the same yesterday and also on Friday, December 8.

The fact is that from Daffodil Hill, near where I live, I could see all the way to Sacramento and beyond for the last three days. Also, the current weather conditions are that the wind is from the West Southwest and is at 5 mph. This means that any smoke generated here in Amador County will be carried to the northeast. What's to the northeast? The El Dorado National Forest and unpopulated areas where the smoke will disperse and not affect the San Joaquin Air Basin.

2. The Air District website does not list the directors of the Amador Air District. Nor does it inform the public when meetings of the Amador Air District occur. It also does not list agendas and past minutes of the Amador Air District.

As a director of the Amador Resource Conservation District, another Special District like the Amador Air District, I know that these failures are not acceptable under the laws of the State of California. The Ralph Brown Act requires transparency in government and your board needs to have your staff correct these inadequacies. If you'd like some advice on how this can be done, our ARCD district manager could help you out. Just give me a call and I'll put our District Manager in contact with your staff.

3. I get the distinct impression that the Amador Air District Staff is not actually managing the resource that they've been given the charge to manage. The evidence for this is that the recording states that "due to poor air quality the California Air Resource Board has declared Sunday December 10 as a no burn day". It is therefore obvious that the staff of the Amador Air District is not doing any atmospheric evaluations to come to a decision.

Is this because the State of California Air Resources Board does not allow the local air districts to make their own decisions? If this is the case, then what is the purpose of having a local air district? Might we save some money at the county level by eliminating the district? On the other hand, if the district DOES have the ability (and it should, in my opinion) to make decisions based upon local observations, then why are we subject to blind acceptance of an entity that has no knowledge of what's going on here in Amador County?

4. And then there is the continued idiocy of the "4 foot by 4 foot" pile size. I've asked the question before and the directors agreed with me – if I have a 20 foot diameter pile and I'm feeding a 4 foot by 4 foot pile, why is there a limitation on the size of the pile I'm burning? The same amount of particulate matter is going to go into the atmosphere if I burn the 20 foot diameter pile all at once versus feeding it into a 4 foot by 4 foot pile. This is a clear example of some person's lack of common sense. And also, is that 4 foot by 4 foot pile limited to 4 feet tall? You don't say that on your recording, so could I have a 4 foot by 4 foot by 10 foot tall

pile? And if you did limit the height of the pile to 4 feet, the original question about feeding a pile from another larger pile comes back to haunt your decision making rationale.

You, the board of the Amador Air District, are "Government". As such, you are responsible to your constituents to be rational, logical, fair, accountable and informative. I believe this firmly because as a director of the Amador Resource Conservation District since 1998, I conduct myself and our district with those standards. I challenge your board to do the same, because I don't think it's happening right now.

I would like to attend a meeting of the Board of the Amador Air District to get answers to these questions and concerns. Please have your staff contact me and let me know when your board meets.

Sincerely,

A handwritten signature in blue ink, appearing to read "Steve Cannon", with a long horizontal flourish extending to the right.

Steve Q. Cannon
Registered Professional Forester #2316



AMADOR AIR DISTRICT

January 03, 2018

Mr. Steve Q. Cannon
RPF #2316



Dear Mr. Cannon:

Thank you for your letter. You stated you are "...very irritated by the way that the Air District is being managed." I wish you would have taken time to call us and/or stopped by the office to speak with me prior to becoming irritated so that I could address your concerns.

The Amador Air District is a public health agency. Our mission is to protect public health and the environment from the impacts of adverse air quality. We are always interested in providing the best service possible to the residents of Amador County, and we appreciate feedback and input so we can strive to make changes and improvements, when necessary. You have listed four items in your letter. Items #1 and #3 appear related to burn day status as determined by the California Air Resources Board (CARB.)

CARB Meteorologists send a small plane out of Columbia Airport in Tuolumne County early every morning to collect data from atmospheric soundings, which relates to forecasted weather conditions. What they are looking for is the movement of air sufficient to prevent smoke from outdoor burning settling at low levels and adversely impacting air quality. It should be noted that fire safety as it relates to defensible space and role outdoor burning plays, is the mission of the fire agencies and not the primary mission of the Air District. Our mission is first and foremost air quality, however we do work cooperatively with all agencies, especially the fire agencies.

The Amador Air District is required to comply with California Health and Safety Code section 41862. Burning on Nonburning Days: A district may issue a permit to authorize agricultural burning on days designated by the state board pursuant to Section 41855 as nonburning days when denial of such a permit would threaten imminent and substantial economic loss. Therefore, you can see local authority on overriding CARB determined burn days is limited. There must be imminent AND substantial economic loss. Regardless of what we may perceive the local atmospheric conditions to be, we must comply with state law.

Under item #3 in your letter you state, "...Air District staff is not actually managing the resources that they've been given the charge to manage." I would argue the opposite, we are charged with preserving and protecting air quality (air is our resource) and by complying with CARB's burn day determinations we are, in fact, preserving and protecting air quality. And, it's not just air quality, but the impact of air quality on people especially those with compromised respiratory systems including the elderly and the very young. Therefore, air quality can appear to be good, but sensitive receptors such as the ones I have listed can be adversely affected.

Regarding your item #2, I believe the District does conduct all business in accordance with Brown Act requirements. I do not believe failure to list the Board of Directors names or past agendas or minutes is a violation of the Brown Act; however, I will look into this matter further. It may improve our customer service to have these items on the District's webpage and we will consider those as we look to improve our web presence in the near future. The Air District is a transparent governmental organization and I agree with your assessment that this may be an opportunity to improve our customer service as it pertains to our webpage.

Your item #4, "continued idiocy of the 4 foot by 4 foot pile size." You have supported the rationale for the 4' X 4' X 4' pile size per Amador Air District rule 311.5 when you describe feeding a smaller pile from a larger pile. The smaller pile is much easier to manage than a larger pile and can be burned with careful attention in preventing an escape burn. It should be noted that with a proper burn permit a larger pile can be burned and you are not limited to a 4' X 4' X 4' pile size. We simply ask that you come into the office to obtain a burn permit from the District for \$30 for one year and we have recently decreased the cost of a two-year permit to \$50. This reduction in the two-year burn permit in a day and time when costs are continually increasing has been appreciated and well-received by our customers.

I will conclude this response by thanking you for your letter and the concerns you have raised. It is only by constructive criticism that we can take an honest look and see where improvement is needed. You have made some valid points and we will take those to heart. Please do not hesitate to contact me, preferably before becoming irritated, so that we can discuss your concerns. I encourage you to attend our next Board meeting on January 16, 2018, at 1:30 p.m. in the Board of Supervisors Chambers at 810 Court Street, Jackson, CA 95642.

Staff at the Amador Air District works hard to conduct the business of the District; while representing the interests of all members of the community. Thank you again for your input and I hope this information has been helpful to you.

Sincerely,



Jim McHargue, R.E.H.S
Air Pollution Control Officer