



December 18, 2015

Air Quality Management District  
330 Fair Lane  
Placerville, CA 95667

Attention: Mr. Adam Baughman

Dear Mr. Baughman:

The Cameron Park Community Services District is excited to submit this proposal for the Motor Vehicle Emission Reduction Project 2016 & 2017 (AB 2766). This grant will provide two buses as a free shuttle service to the Cameron Park flagship event, Summer Spectacular. This event offers residents and visitors an exciting opportunity to celebrate an early 4<sup>th</sup> of July experience full of fireworks, entertainment and family fun. Attendance is in excess of 6,000 annually and serves all ages and demographics.

This is an authorization letter for the Cameron Park Community Services District to submit a proposal for this grant.

A resolution will be provided no later than January 21, 2016, following the Board of Directors' meeting. The Board of Directors have supported grant submittals as a high priority for the District. The grant administrator will be:

Mary Cahill, General Manager  
Cameron Park Community Services District  
(530) 677-2231  
[mcahill@cameronpark.org](mailto:mcahill@cameronpark.org)

Sincerely,

Greg Stanton, President  
Board of Directors  
Cameron Park Community Services District

cc: Mary Cahill, General Manager

2502 Country Club Drive  
Cameron Park, CA 95682  
(530) 677-2231 / (530) 677-2201 (f)  
[www.cameronpark.org](http://www.cameronpark.org)

# PROJECT SUMMARY

**Applicant:** Cameron Park Community Services District  
**Contact Person:** Mary Cahill, General Manager  
**Address:** 2502 Country Club Drive, Cameron Park, CA 95682  
**Telephone:** 530-677-2231 **FAX:** 530-677-2201  
**Email:** admin@cameronpark.org

**Project Description: Summer Spectacular Shuttle**

Funds from this grant would be used to provide a shuttle to the annual Summer Spectacular to reduce the number of cars traveling to Cameron Park Lake for the event, thus reducing air pollution.

<b>Estimated Emission Reductions/Cost-Effectiveness</b>	
Useful Life of Project (years)	2 years
Total Lifetime Emissions Reduced (lbs. of ROG, NOx, PM-10)	3.02
Cost-Effectiveness (total project costs)*	\$3,315.00
Cost-Effectiveness (AQMD Funded project costs)*	\$2,762.50

\* See Attachment 3 for instructions

<b>Budget Summary</b>	<b>AB 2766 Funds</b>	<b>Matching Funds</b>	<b>In-Kind Match</b>	<b>Total Project Costs</b>
Materials	\$	\$	\$	\$
Personnel	\$	\$	\$	\$
Other	\$2,762.50	\$552.50	\$	\$3,315.00
<b>TOTAL</b>	<b>\$2,762.50</b>	<b>\$552.50</b>	<b>\$</b>	<b>\$3,315.00</b>

## BUDGET ITEMIZATION

Expand Table as necessary to itemize all expenditures

Line Item	Title/Classification	No. Of Hours	Salary Rate	Benefit %	Total	Total Costs
	Contracts (removal, transportation, disposal)				Transportation contract with Buckeye Union School District for two buses Drivers' time (21.5 hours x \$45/hour) x 2 years = \$1,935 Mileage (10 trips at 13 miles at two trips per hour) (260 miles x \$2.5/mile) x 2 years = 1,300 Miscellaneous expense for driver dinner (for two drivers x 2 years) = 80	\$3,315.00
	Materials & Supplies					
	Equipment Rental					
	Other Costs					

**PROJECT GRAND TOTAL: \$ 3,315.00**

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Applicant: Cameron Park Community Services District

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*(Must utilize May 2013 Emission Factors)*
- Work Statement – page 7
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- Schedule of Deliveries/Self-Monitoring Program – page 10
- Local TRPA Review (If Applicable) – Not applicable
- 2 Copies of Proposal –



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## Project Description

The Annual Summer Spectacular is the Cameron Park Community Services District's (CSD) largest event. It is a daylong event that features a world class fireworks display over Cameron Park Lake, music, children's fun zone, food, beverages, crafts and commercial vendors, contests and the swim lagoon is open for swimming. The fireworks show is the best in El Dorado County and draws approximately 6,500 people from the local community as well as from the Sacramento Region.

Since parking has been a continuing challenge with this event, we would like to offer shuttle service. Satellite parking will be available at the following locations:

- Green Valley Elementary School – 2380 Bass Lake Road, Rescue (estimated location)
- Bel Air – 3510 Palmer Road, Cameron Park
- Burke Junction – 3300 Coach Lane, Shingle Springs
- Cameron Park Community Services District Office – 2502 Country Club Drive, Cameron Park

The Cameron Park CSD will contract with Buckeye Union School District for two school buses annually. The Buckeye Union School District adheres to the El Dorado County Office of Education regarding qualifications for buses and drivers. These buses will travel to the satellite parking lots once every hour starting at 1:00 p.m. and ending at 11:00 p.m. to take guests to the Cameron Park Lake. The drop-off location for Cameron Park Lake is 3221 Baron Court. Each bus seats up to 84 people. The buses will travel approximately 13 miles each hour for 10 hours, totaling 260 miles for the day.

It is estimated that 75 people will utilize the bus service each hour for a total of 1,500 people (75 people x 10 hours x 2 buses). If there are an average of three people per car, this will reduce 500 cars traveling to Cameron Park Lake and travelling approximately a total of 6,500 miles (500 cars x 13 miles).

## Project Organization/Background

Cameron Park Community Services District has experienced working with grants. Many examples include California State Bond Act Funding for Parks Projects of which the audits were in compliance. Contractors meet state requirements, including all prevailing wage requirements. Services contracts include all requirements including W-9 and certification of background and customer satisfaction. Additionally the Buckeye Union School District, who would be the contractor in this instance requires background checks for bus drivers.

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All advertisement regarding the shuttle will include acknowledgement that this project was funded by Air Quality Management District with AB 2766 funds.

# Shuttle Services

Subcategory: (4c) Transit Operations (new service, shuttles, fuel subsidies)

**Air District Name:** El Dorado County AQMD  
**Local Government:** Cameron Park Community Services District  
**Project Name:** Summer Spectacular Shuttle - AQMD Verification  
**Description:** Provide a shuttle service to the annual Summer Spectacular at Cameron Park Lake to reduce the number of cars traveling to this event and air pollution.  
**(Issues/Comments) Implementing Agency:** Cameron Park Community Services District  
**Private Agency:** No

## FUNDING

MV Fees Funding:	\$2,762.50	MSRC Funding:	\$0
Moyer Funding:	0	CMAQ Funding:	\$0
Other County Funding:	\$552.50		
Capital Recovery Factor:	0.52	Annual Auto Trips Reduced:	\$136.50
Project Analysis Period:	Two Years	Annual Auto VMT Reduced:	\$1,774.50

Annual Operating Days (D):	1	Day
Daily Ridership (R):	1,500	Trips (riders)/day
Annual Van VMT:	260	Annual miles traveled
Adjustment (A):	0.91	Factor equals the portion of riders who are NOT shuttle-dependent
Replaced Auto Trip Length (L):	13	Miles in one direction of trip
Adjustment (AA):	.9	Factor equals the portion of riders who drive to the shuttle service
Auto Access Trip Length (LL):	13	Miles in one direction of trip

## EMISSION FACTORS (using Table 1 of the Emission Factor Tables, May, 2013)

Auto Trip End Factors		Auto VMT Factors	Van VMT Factors
ROG	0.15 grams/trip	0.191 grams	0.03 grams
NOx	3.55 per trip	0.217 per mile	0.63 per mile
PM2.5	0.03	0.094	0.04 mile

## EMISSION REDUCTIONS

	Pounds per Year	Tons per Year
ROG	.77	.0004
NOx	1.56	.0008
PM10	.35	.0002
Total	2.68	.0014

## COST-EFFECTIVENESS

Motor Vehicle Fees and/or Moyer Funds	\$237.83	\$475,660
CMAQ Funds	0	0
All Funding Sources	\$285.40	\$570,800



## **Work Statement**

The following are the tasks related to this project.

### **Prior to the Summer Spectacular**

1. Establish contract with Buckeye Union School District for two buses to provide a shuttle for the Summer Spectacular.
2. Devise of schedule of pick-up/departure times for the buses.
3. Advertise the shuttle service via newsletter, articles in local news media, website, flyers, at community meetings, and other venues.
4. All advertisement regarding the shuttle will include acknowledgement that this project was funded by Air Quality Management District with AB 2766 funds.
5. Follow up with the Buckeye Union School District to verify and confirm shuttle route and times.

### **The Day of the Event**

1. Post signs at the satellite parking locations of the schedule of pick-up times.
2. Post a sign at the final destination with a schedule of departure times.
3. Have the bus drivers track the number of people who utilize the shuttle service.

### **After the Event**

1. Obtain from Buckeye Union School District the number of people who utilized the shuttle service.
2. Ask the residents for feed-back on the shuttle service.
3. Calculate the cost effectiveness and emission reductions to those on the grant proposal.
4. Prepare a report of these measures and submit to the El Dorado County Air Quality Management District.

## Funding Request/Breakdown of Cost

The funding requested from this grant will be used to contract with Buckeye Union School District for two buses annually for two years. The source of funding will be grant funds with a match from the Cameron Park Community Services District (CPCSD). The funding will not be attached to specific tasks.

Below is a breakdown of the annual costs.

Drivers' time – 21.5 hours x \$45/hour =	\$967.50
Mileage (10 trips at 13 miles at two trips per hour) 260 miles x \$2.5/mile =	650.00
Miscellaneous expense for driver dinner (for two drivers) =	<u>40.00</u>
	\$1,657.50
Amount requested from grant	\$2,762.50
Matching amount from the CPCSD	<u>\$552.50</u>
Total cost of the project for two years	\$3,315.00

## Matching Funds

Funds from this grant will be matched with funding received from ticket sales for the Summer Spectacular. In the past tickets have sold for:

Advanced Sales Tickets	\$3
Tickets at the Gate	\$5

At the November 18, 2015, CPCSD Board of Directors' meeting, these amounts were increased \$1 each. The match of \$552.50 annually will be funded from the Summer Spectacular gate revenue and general fund monies. (See letter of commitment.)



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330 Fair Lane  
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Attention: Mr. Adam Baughman

Dear Mr. Baughman:

The Cameron Park Community Services District (CPCSD) is committed to match the funds received from the Motor Vehicle Emission Reduction Project 2016 & 217 (AB 2766) grant for the calendar years 2016 and 2017.

Matching funds will come from tickets sales for the Summer Spectacular. In the past, tickets have sold for:

Advanced Sales Tickets	\$3
Tickets at the Gate	\$5

At the November 18, 2015, CPCSD Board of Directors' meeting, these amounts were increased \$1 each. The match of \$552.50 annually will be funded from the Summer Spectacular gate revenue and general fund monies.

Sincerely,

Mary Cahill, General Manager  
Cameron Park Community Services District

## **Schedule of Deliveries/Self-Monitoring Program**

The Cameron Park Community Services District (CPCSD) will be contracting with the Buckeye Union School District for two of their buses to transport attendees to the annual Summer Spectacular. As part of the contract, the bus drivers will be required to keep count of the number of riders. The CPCSD will collect this information from the Buckeye Union School District after the event.

This information will be used to calculate and compare the information in the grant proposal. A report will be created with this information and submitted to the El Dorado County Air Quality Management District.

### **Timeline**

<i>Due Date</i>	<i>Activity</i>
<i>June 25, 2016</i>	Summer Spectacular
<i>July 8, 2016</i>	Data collected from the Buckeye Union School District
<i>July 15, 2016</i>	Report created with calculations and comparisons
<i>August 1, 2016</i>	Report mailed to the El Dorado County Air Quality Management District