

PROJECT SUMMARY

Summer Spectacular Shuttle

Date: December 2021
Applicant: Cameron Park Community Services District
Contact Person: Kimberly Vickers, Recreation Supervisor
Address: 2502 Country Club Drive, Cameron Park, CA 95682
Telephone: 530-677-2231
Email: kvickers@cameronpark.org

Project Description:

Cameron Park Community Services District is requesting funds from the Motor Vehicle Emission Reduction Projects grant to fund a shuttle to the annual Summer Spectacular in June 2022 and 2023 to reduce the number of cars traveling to Cameron Park Lake for the event, thus reducing air pollution.

Estimated Emission Reductions/Cost-Effectiveness

Useful Life of Project (years)	2 years
Total Lifetime Emissions Reduced (lbs. of ROG, NO _x , PM-10)	6
Cost-Effectiveness (total project costs)*	\$3,570
Cost-Effectiveness (AQMD Funded project costs)*	\$2,975

* See Attachment 3 for instructions

Budget Summary

	AB 2766 Funds	Matching Funds	In-Kind Match	Total Project Costs
Materials	\$1,458	\$0	\$0	\$1,458
Personnel	\$1,517	\$595	\$0	\$2,112
Other	\$0	\$0	\$0	\$0
TOTAL	\$2,975	\$595	\$0	\$3,570

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)	<ul style="list-style-type: none"> - Transportation contract with Buckeye Union School District for two buses <li style="padding-left: 20px;">Drivers' time = \$2,112 - Mileage (9 trips at 13.8 miles at two trips per hour) <li style="padding-left: 20px;">(248.4 miles x \$2.5/mile) x 2 years = \$1,378 - Miscellaneous expense for driver dinner (for two drivers x 2 years) = \$80 					\$3,570
Materials & Supplies						
Equipment Rental						
Other Costs						

PROJECT GRAND TOTAL: \$ 3,570

CONTENTS CHECKLIST

Applicant: Cameron Park Community Services District

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(*Must utilize April 2018 Emission Factors*)
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- Local TRPA Review (If Applicable) – Not applicable
- 2 Copies of Proposal

RESOLUTION NO. 2021-32
of the BOARD OF DIRECTORS of the
CAMERON PARK COMMUNITY SERVICES DISTRICT
December 16, 2021

**RESOLUTION AUTHORIZING SUBMISSION OF GRANT PROPOSAL FOR
AB 2766 MOTOR VEHICLE EMISSIONS REDUCTIONS GRANT, 2022-2023**

WHEREAS, the Summer Spectacular event continues to grow which creates air pollution from vehicle traffic; and

WHEREAS, the Cameron Park Community Services District (District) wishes to provide a free shuttle to the Cameron Park Lake for the Summer Spectacular event; and

WHEREAS, the District is eligible for AB 2766 Motor Vehicle Emissions Reductions Grant 2022-2023 offered by the El Dorado County Air Quality Management District.

NOW, THEREFORE, BE IT RESOLVED that District hereby:

1. Authorizes staff to submit a grant proposal to the El Dorado County Air Quality Management District for the AB 2766 Motor Vehicle Emissions Reductions Grant, 2022-2023, in the amount of \$2,975.
2. Authorizes a commitment of \$595 as matching funds for the grant proposal, which will be raised through ticket sales.

RESOLVED FURTHER, that staff be directed to file a copy of this Resolution with the El Dorado County Air Quality Management District as required by the grant procedures, and that staff is hereby authorized to take any and all actions necessary to be in compliance with the requirements of the grant.

PASSED AND ADOPTED by the Board of Directors of the Cameron Park Community Services District at a regularly scheduled meeting held on December 16, 2021 by the following vote of said Board:

AYES: EA, FC, SB, MS, EW

NOES:


ABSTAIN:

ABSENT:

ATTEST:



Director Eric Aiston, President
Board of Directors



Andre Pichly, General Manager
Secretary to the Board

Project Description

The Annual Summer Spectacular is the Cameron Park Community Services District's (CSD) largest event. Historically, it has been a daylong event that features a world class fireworks display over Cameron Park Lake, music, children's fun zone, food, beverages, and family friendly activities. The fireworks show is the best in El Dorado County and draws approximately 4,000 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 continue the successful shuttle service that has been offered for the past four years. Satellite parking will be available at the following locations:

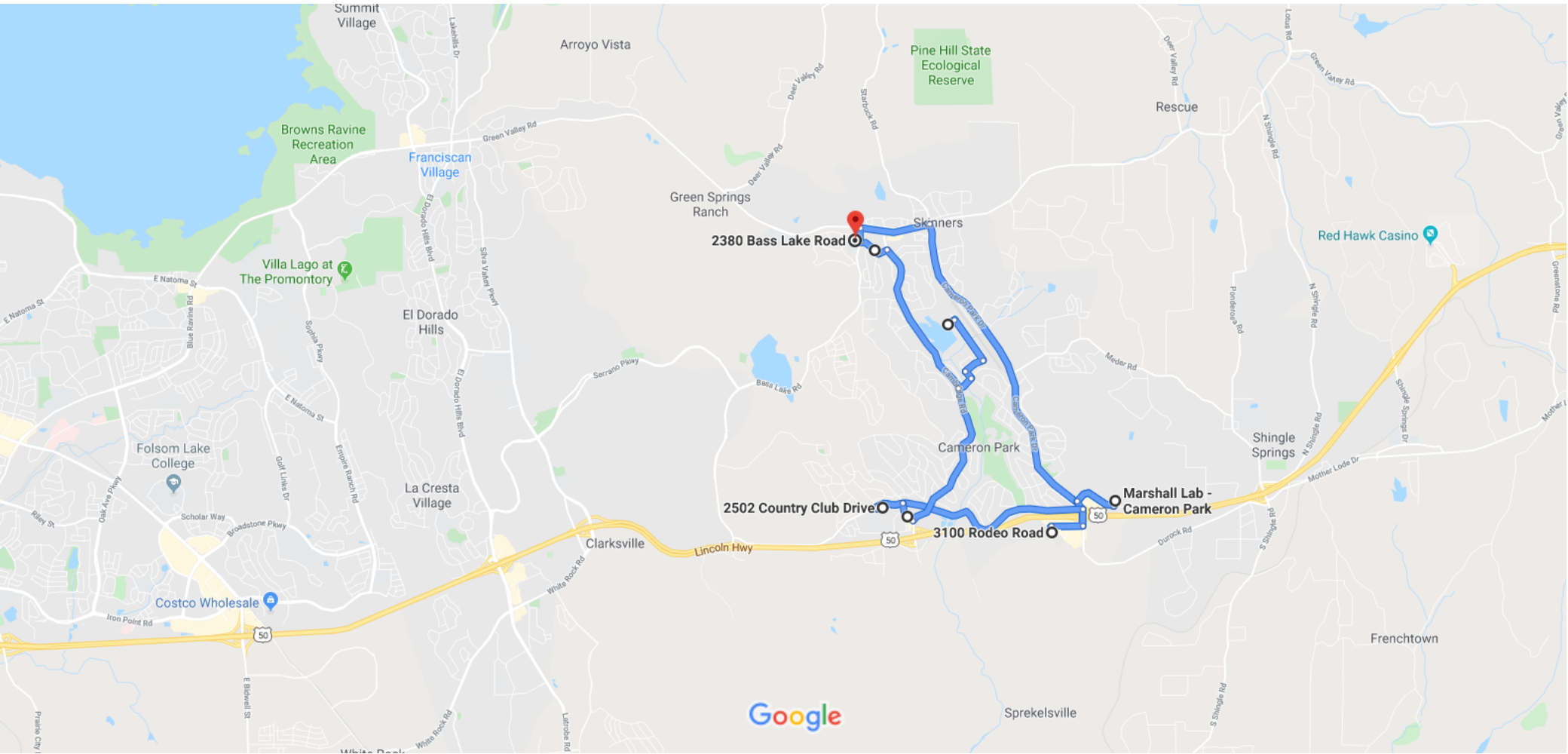
Green Valley Elementary School	2380 Bass Lake Road, Rescue
Marshall Medical Center	3581 Palmer Drive, Cameron Park
Light of the Hills Church	3100 Rodeo Road, Cameron Park
Cameron Park Community Services District	2502 Country Club Drive, Cameron Park

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 2:00 p.m. and ending at 11:00 p.m. to take guests to/from 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 15 miles each hour for 9 hours, totaling approximately 270 miles for the day.

An estimated 75 people per bus use this service each hour for a total of 1,350 people (75 people x 9 hours x 2 buses). Based on an average of three people per car, this reduces 450 cars traveling to Cameron Park Lake and travelling approximately a total of 6,210 miles (450 cars x 13.8 miles).

It is proposed that the Cameron Park CSD continue the shuttle service funded by AB 2766 Motor Vehicle Emissions Reductions Grant 2022-23.

Cameron Park Lake Summer Spectacular Shuttle 2020-21



Map data ©2019 1 mi

2380 Bass Lake Rd

Rescue, CA 95672

Project Organization/Background

Cameron Park Community Services District has experience working with grants, including receiving the AB 2766 Motor Vehicle Emissions Reductions Grant in past years. Other examples are California State Bond Act Funding for park improvement 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 for the AB 2766 Motor Vehicle Emissions Reductions Grant, requires background checks for bus drivers.

The Annual Summer Spectacular is the Cameron Park Community Services District's 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 family friendly activities. The fireworks show is the best in El Dorado County and draws over 4,000 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
Marshall Medical Center	3581 Palmer Drive, Cameron Park
Light of the Hills Church	3100 Rodeo Road, Cameron Park
Cameron Park Community Services District	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. In the past, these buses travel to the satellite parking lots once every hour starting at 2:00 pm and ending at 11:00 pm to take guests to/from 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 would travel approximately 13.8 miles each hour for 9 hours, totaling 248.4 miles for the day.

All advertisements 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:	\$2,452	MSRC Funding:	\$0
Moyer Funding:	0	CMAQ Funding:	\$0
Other County Funding:	\$490		
Capital Recovery Factor:	0.52	Annual Auto Trips Reduced:	1,024
Project Analysis Period:	Two Years	Annual Auto VMT Reduced:	3,754

Annual Operating Days (D):	1	Day
Daily Ridership (R):	1,350	Trips (riders)/day
Annual Van VMT:	248	Annual miles traveled
Adjustment (A):	0.83	Factor equals the portion of riders who are NOT shuttle-dependent
Replaced Auto Trip Length (L):	4.00	Miles in one direction of trip
Adjustment (AA):	.25	Factor equals the portion of riders who drive to the shuttle service
Auto Access Trip Length (LL):	5.00	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	0.584 grams/trip	0.191 grams	0.03 grams
NOx	0.298 per trip	0.217 per mile	0.63 per mile
PM2.5	0.003	0.094	0.04 mile

EMISSION REDUCTIONS

	Pounds per Year	Tons per Year
ROG	3	0
NOx	2	0
PM10	1	0
Total	6	0

COST-EFFECTIVENESS

Motor Vehicle Fees and/or Moyer Funds	\$251.27	\$502,546
CMAQ Funds	0	0
All Funding Sources	\$301.53	\$603,356 per ton

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 (per year) to provide a shuttle service for the Summer Spectacular.
2. Devise a 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 advertisements 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 attendees for feedback 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 CSD. The funding will not be attached to specific tasks.

Below is a breakdown of the annual costs:

Drivers' time – 22 hours x \$48/hour	\$1,056
Mileage (260 miles @ \$2.65)	689
Miscellaneous expense, driver dinner (for two drivers)	40
Total for one year	\$1,785
Total Project Budget	\$3,570
<i>Amount requested from grant (for two years)</i>	<i>\$2,975</i>
Matching amount from the Cameron Park CSD (16.66%)	\$595

Matching Funds

Funds from this grant will be matched with funding received from ticket sales for the Summer Spectacular. The District generates approximately \$20,000 from ticket sales to approximately 4,000 participants. The match of \$595 will be funded from the Summer Spectacular ticket sales/gate revenue. (See letter of commitment)



2502 Country Club Drive, Cameron Park, CA 95682
telephone (530) 677-2231 • fax (530) 677-2201 •
www.cameronpark.org

December 6, 2021

Air Quality Management District
330 Fair Lane
Placerville, CA 95667

To whom it may concern:

The Cameron Park Community Services District is committed to provide a match of \$595 (16.66% of project costs) for the Motor Vehicle Emission Reduction Project grant for calendar years 2022 and 2023. Match funds are generated from ticket sales to approximately 4,000 participants. Ticket sale revenues total approximately \$20,000 per year.

Sincerely,

Jill Ritzman
General Manager

Schedule of Deliveries/Self-Monitoring Program

The Cameron Park CSD 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 asked to keep count of the number of riders. The Cameron Park CSD 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>Date</i>	<i>Activity</i>
<i>June 25, 2022</i>	Summer Spectacular
<i>August 1, 2022</i>	Data collected from the Buckeye Union School District
<i>August 12, 2022</i>	Report created with calculations and comparisons
<i>September 12, 2022</i>	Report mailed to the El Dorado County Air Quality Management District