



CITY OF PIEDMONT

Park Commission Agenda
Wednesday, December 1, 2021
5:30 p.m.

Via Teleconference

COVID 19 ADVISORY NOTICE

In a continuing effort to reduce the public health effects of COVID 19, the Park Commission meeting will not be physically open to the public and Commissioners may be teleconferencing into the meeting via ZOOM Teleconference, pursuant to the provisions of Government Code 54953.

To maximize public safety while still maintaining transparency and public access, members of the public can participate in the meeting in several ways:

- Computer or smart phone: Click on <https://piedmont-ca.gov.zoom.us/j/88376825636>
- Computer or smart phone: Click on https://piedmont.ca.gov/government/meeting_videos and select the Park Commission meeting
- Telephone: Dial (669) 900-9128 and enter webinar/meeting number 883-7682-5636
- Television: Watch on KCOM, Comcast Channel 27 or AT&T UVerse Channel 99

To participate in the meeting by providing public comment, members of the public may use the ZOOM platform to make live, verbal public comments. To speak to the Commission, click the "Raise Your Hand" button when the item on which you would like to comment is called. If you are connected to the meeting by phone, please dial *9. When it is your turn to speak, the moderator will call your name and unmute your line, at which point you will have three minutes to address the Commission. After the allotted time, you will then be re-muted. Instructions of how to "Raise Your Hand" is available at <https://support.zoom.us/hc/en-us/articles/205566129%0D-Raise-Hand-In-Webinar>

Any member of the public who needs accommodations should email the City Clerk at cityclerk@piedmont.ca.gov or call (510) 420-3040 who will make their best efforts to provide reasonable accommodations to provide as much accessibility as possible while also maintaining public safety in accordance with the City procedure for resolving reasonable accommodation requests. Information about reasonable accommodations is available on the City website at <https://piedmont.ca.gov>.

Call to Order

Pledge of Allegiance

Public Forum

This is an opportunity for members of the audience to speak on an item not on the agenda.

Regular Agenda

1. Update on Public Electric Vehicle Charging Town Hall Meeting
2. Update on Highland-Guilford Steps and Handrail Project

3. Update on Drought Response in Parks and Open Spaces
4. Update on Tree Removal for the Construction of the San Carlos Avenue Retaining Wall Improvement Project
5. Update on EBMUD Pipeline Replacement Project on Manor Drive
6. Monthly Maintenance Report: Park, Open Space, and Street Tree Update for the Month of November 2021

Announcements, old business and consideration of future agenda items

Adjourn

Materials related to an item on this agenda submitted to the Park Commission are available for public inspection in the Public Works Department during normal business hours.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk at (510) 420-3040. Notification at least two business days preceding the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting. [28 CFR 35.102-35.104 ADA Title II]

In accordance with G.C. Sec. 54954.2(a) this notice and agenda were posted on the City Hall bulletin board and also in the Piedmont Police Department on November 24, 2021.

City of Piedmont

Public Electric Vehicle Charging Stations

Town Hall

November 22, 2021



Agenda

- Overview of Public EV Charging Program in Piedmont
- Overview of Alameda County Incentive Project
- Question & Answer Session





Overview of Public EV Charging Program

- Goals of the program:
 - Reduce greenhouse gas (GHG) emissions
 - Meet transportation sector objectives outlined in the Piedmont Climate Action Plan (CAP) 2.0
 - Adhere to Sustainability Policy outlined in the Piedmont General Plan

Piedmont Climate Action Plan 2.0



CITY OF PIEDMONT GENERAL PLAN

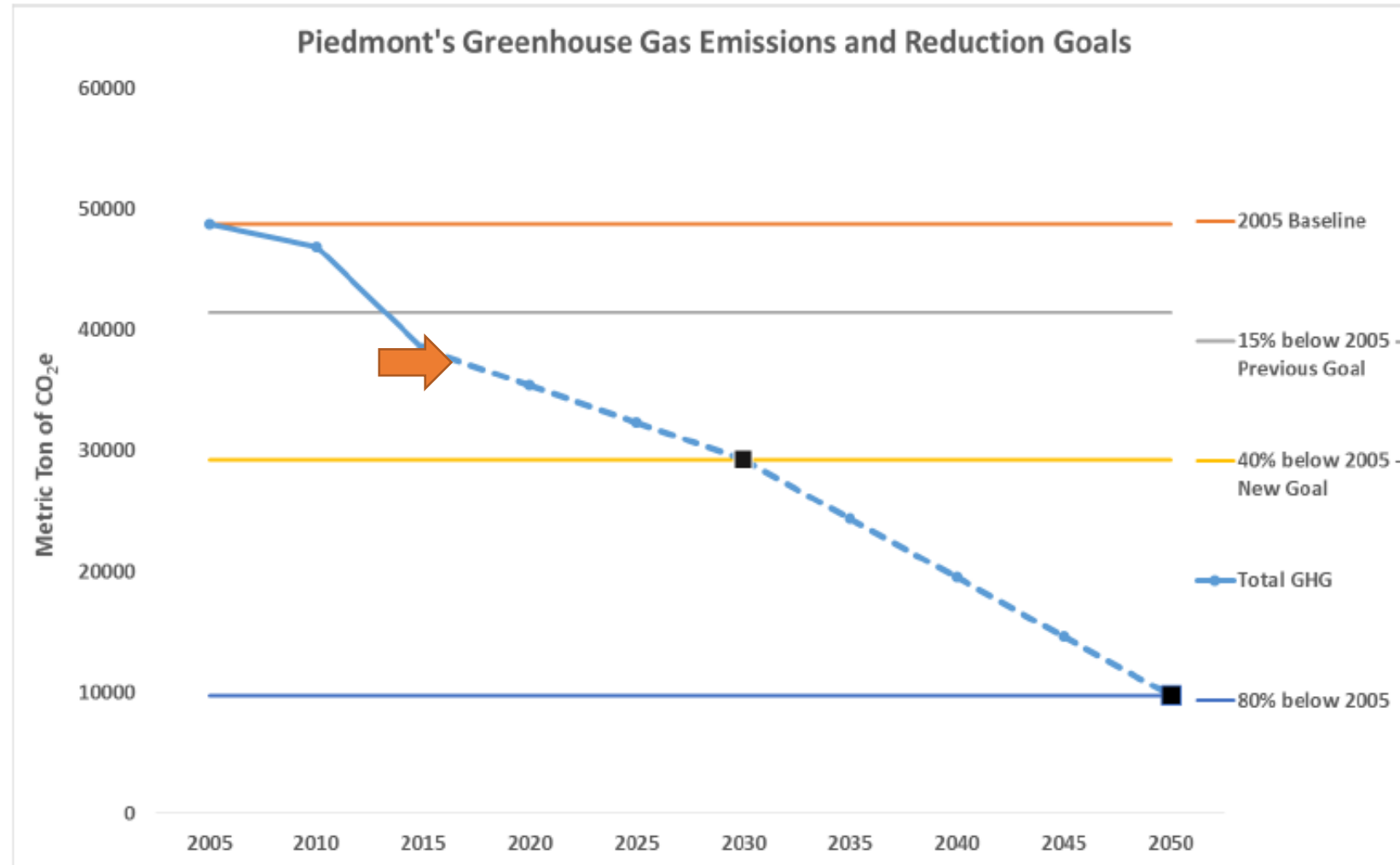
Adopted
April 6, 2009

Amended February 18, 2020



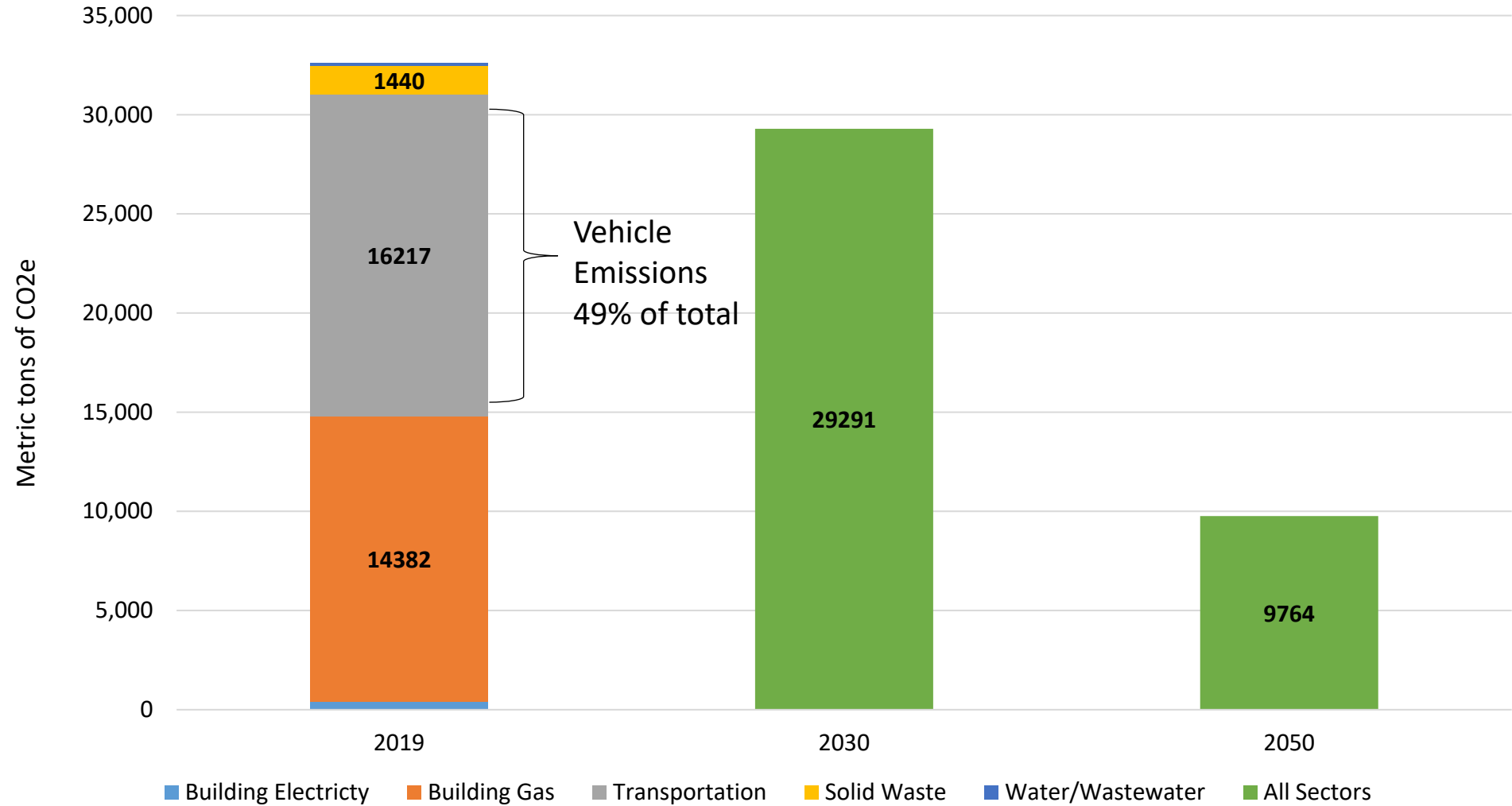


CAP 2.0 Emissions Reduction Goals





2019 Emissions vs. 2030 and 2050 Emissions Goals





Piedmont must reduce vehicle emissions

- Piedmont's CAP 2.0 outlines the City's strategy to encourage and deploy EV usage across the City
 - Support adoption of EVs and the growth of EV charging stations (CAP 2.0 Measure T-4.1)
 - 2030 Goal: 50% EV adoption
 - 2050 Goal: 100% EV ownership





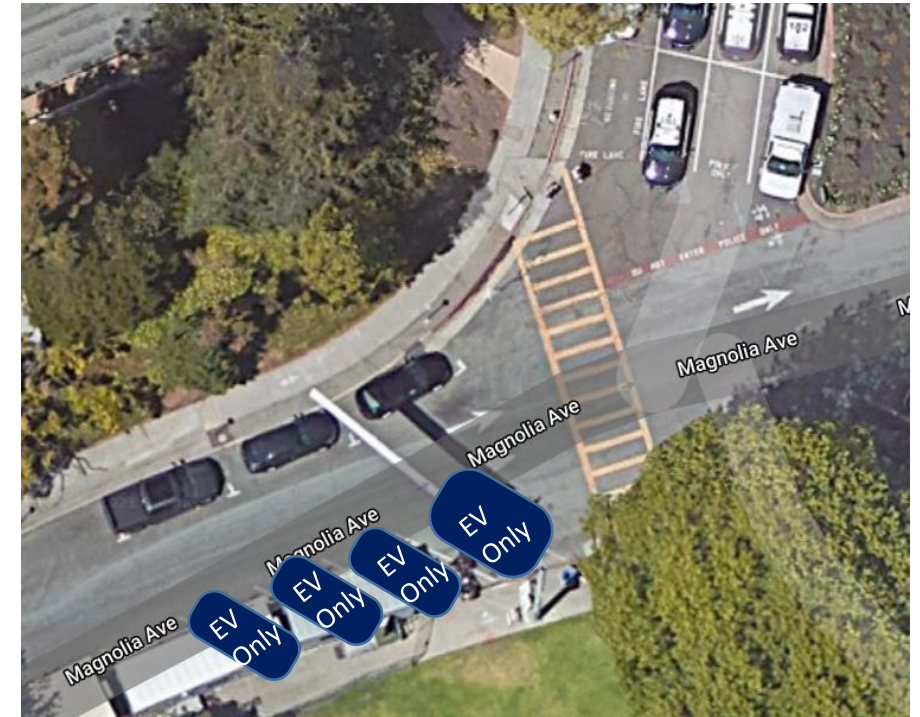
Timeline of EV Charging Program Development

April 2009	City adopts General Plan which includes Transportation Element and Natural Resources and Sustainability Element that encourages the adoption of alternative fuel vehicles and low-emission vehicles
March 2010	City adopts Climate Action Plan (CAP) which includes a Transportation and Land Use Strategy, with specific objectives to reduce vehicle emissions and trips
March 2018	City adopts CAP 2.0 which sets forth objectives to accelerate the adoption of EVs
March 2020	Staff investigates potential EV charging locations through EBCE pilot program
July 2020	Staff brings forth concept of EV charging station pilot program to Park Commission
June 2021	Staff brings forth an agreement with EBCE to install two dual-port EV DC Fast Charging Stations on Bonita Avenue to City Council
October 2021	Staff returns to City Council to address concerns pertaining to Bonita Avenue location and proposes an agreement with EBCE to install four single-port or two dual-port EV DC Fast Charging Stations on Magnolia Avenue; Council approves plan.



Planned Magnolia Avenue Charging Stations

- EBCE responsible for the installation, maintenance, and operation
- EBCE will fund project up to \$306,660
- 4 single-port (or 2 dual-port) EV fast charging stations (Level 3)
- 5 total parking spaces to account for ADA requirements
- Spaces allotted 90-minute parking limit
- Spaces must be EV-only 24/7
- Driver will be assigned a \$/kilowatt hour (kWh) charging rate
- PD will enforce spots consistent with other restricted parking spots in the City

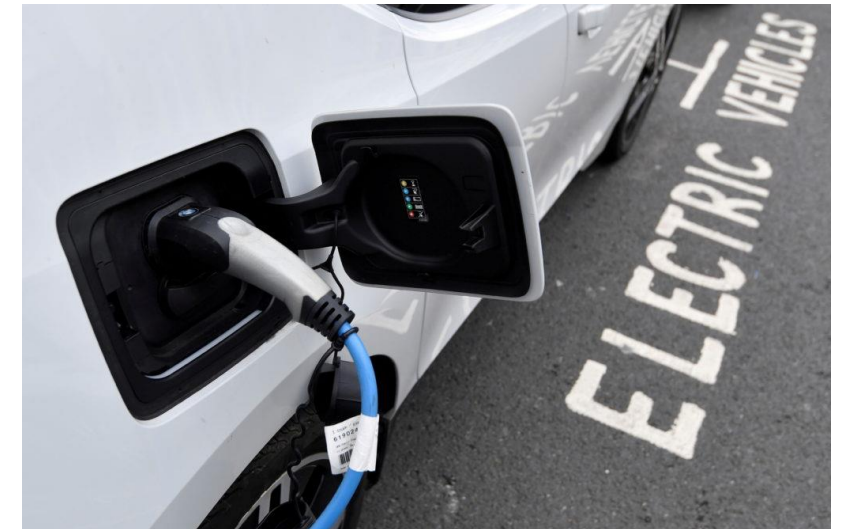


- Construction to begin by April 2022
- Chargers operational by July 2022



Looking ahead...

- Additional spaces being considered for public EV charging stations in advance of new grant
- Governor Newsom issued an executive order requiring sales of all new passenger vehicles to be zero-emissions by 2035
- U.S. Infrastructure Bill provides \$7.5 billion to build out a national network of EV charging infrastructure



Next set of Public EV Charging Stations in Piedmont:

Alameda County Incentive Project





Alameda County Incentive Project Overview

- Alameda County Incentive Project is the 12th incentive project launching under the California Electric Vehicle Infrastructure Project (CALeVIP)
 - Funded by the California Energy Commission's Clean Transportation Program and presented in partnership with EBCE
- Promotes easy access to zero-emission vehicle infrastructure for the purchase and installation of eligible EV chargers in Alameda County



Implemented by CSE for the
California Energy Commission



The Alameda County Incentive Project is presented in partnership with East Bay Community Energy (EBCE).





About the Project

- Project offers **\$17.3M** in incentives for publicly accessible DC fast and Level 2 charging infrastructure
- Incentive applications will be approved on a first come, first serve basis starting **December 1, 2021**
- Host sites must be **publicly accessible** and EV charging infrastructure must be shared
 - Single-family residences and assigned parking EV charging installations are NOT eligible
- A portion of available rebate funding will be dedicated to disadvantaged communities (DACs) / low-income communities (LICs) and [multi-unit dwelling hotspots \(MUD Hotspots\)](#).
 - A minimum of 50% of funding is required to be invested in DAC/LIC applications in the county. This minimum investment is by technology type (DCFC, Level 2)
 - A minimum of 50% of DCFC funding is required to be invested in MUD Hotspots. This minimum investment is by technology type (DCFC)





ACIP MUD Hotspot Map

- ▼ The blue shaded areas are considered MUD Hotspots. 50% of all DCFC incentives will be reserved for projects located within these 607 views

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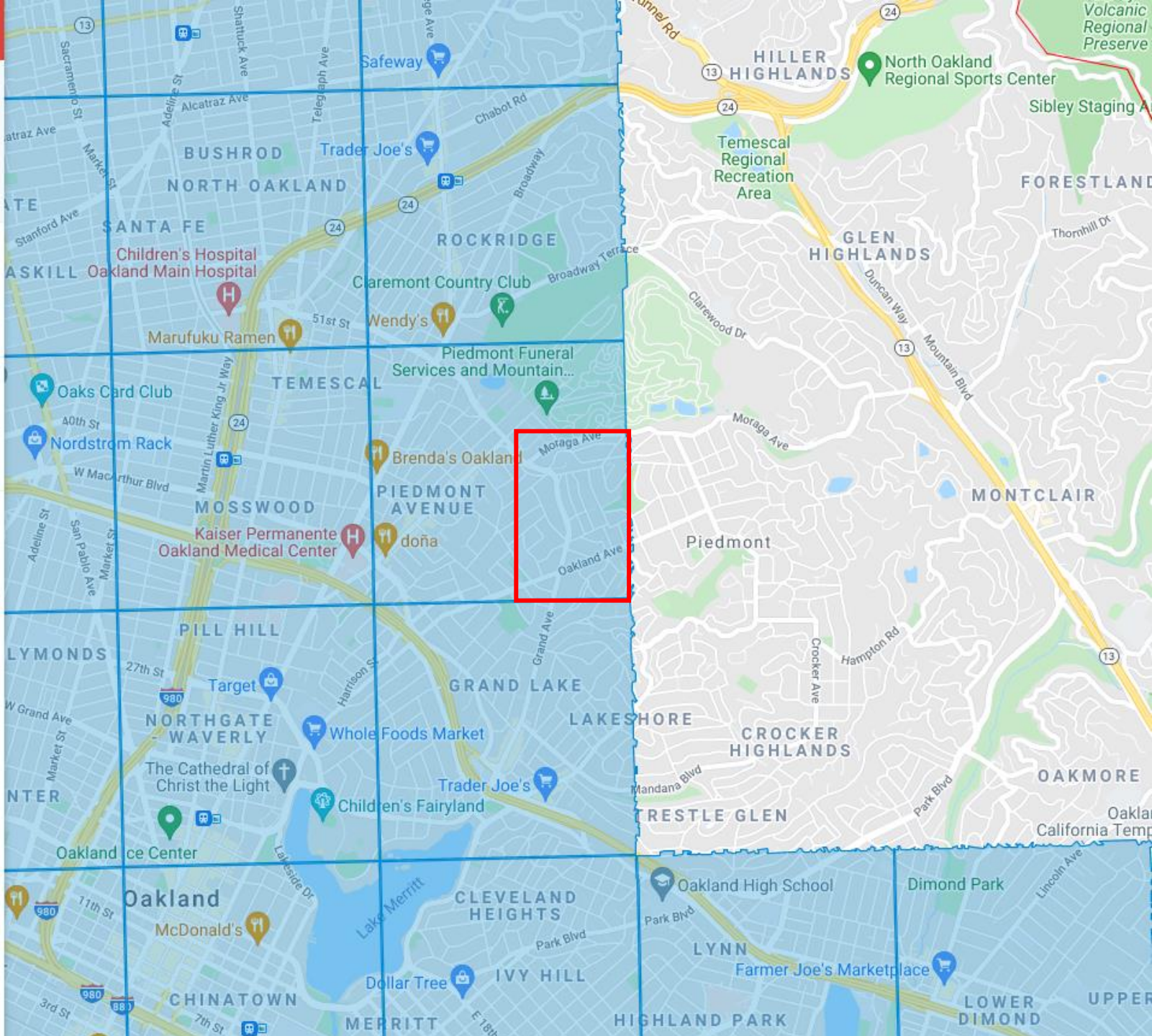
☒ MUD Hotspots

▼ All items

☒ Program Boundary (Alameda County)

Alameda County

For the purposes of the Project, MUD Hotspots are defined as a square mile with a higher density of multifamily properties (5+ units) than in other areas of a community.





Project Target Audiences

- Commercial / Retail (public, shared use)
- Workplace (public or private, must be shared use)
- Multi-Unit Dwellings (public or private, must be shared use among tenants / visitors)
- Light-duty fleet (public or private, must be shared use)
- Public facilities including schools (must be shared use)
- Curbside charging (must be shared use and located adjacent/same block to commercial/retail)










Project Eligible Chargers: Level 2 and Level 3

- **Level 2:** designed to provide anywhere from 3 kW to 19 kW of power, translating to an output of 18-28 miles of range per hour, capable of charging the average EV in around 8 hours
- **Level 3/DC Fast Chargers:** capable of an output of up to 350kW depending on the manufacturer and vehicle type, which can fill an average EV battery to 80% in 20-40 minutes, and 100% in 60-90 minutes



Types of EV Charging Infrastructure

SLOW	FASTER	FASTEST
Level 1 (L1) 2-5 miles of range per 1 hour of charging	Level 2 (L2) 10-20 miles of range per 1 hour of charging	DC Fast Charging (DCFC) 60-80 miles of range per 20 mins. of charging
 J1772 connector	 J1772 connector	 CCS connector
		 CHAdeMO connector
		 Tesla connector



Online community EV Survey

- Piedmonsters are invited to share their input and suggestions on EVs through an online survey
- The survey will take 10-20 minutes to complete
- All questions are option, and your responses will remain anonymous
- The survey will be open until Friday, November 26



Piedmont Electric Vehicle Community Survey

Electric Vehicles (EVs) are automobiles propelled by one or more electric motors, using energy stored in batteries. The City of Piedmont is developing strategies to make it easier for those who live and work in Piedmont to own or use EVs. This includes installing public EV Charging Stations in Piedmont. The goal of this survey is for the City to better understand Piedmonsters EV charging needs and preferences. While there are currently no public EV charging stations in Piedmont, the City Council approved an agreement with East Bay Community Energy (EBCE) to install four DCFC stations on Magnolia Avenue near the Exedra Plaza during their October 18th meeting. By completing the survey, you can help prioritize the installation of the next group of EV chargers. EV chargers will benefit Piedmonsters and advance the goals of the Piedmont Climate Action Plan 2.0. If you have any questions, please contact Sustainability Program Manager, Alyssa Dykman (adykman@piedmont.ca.gov)

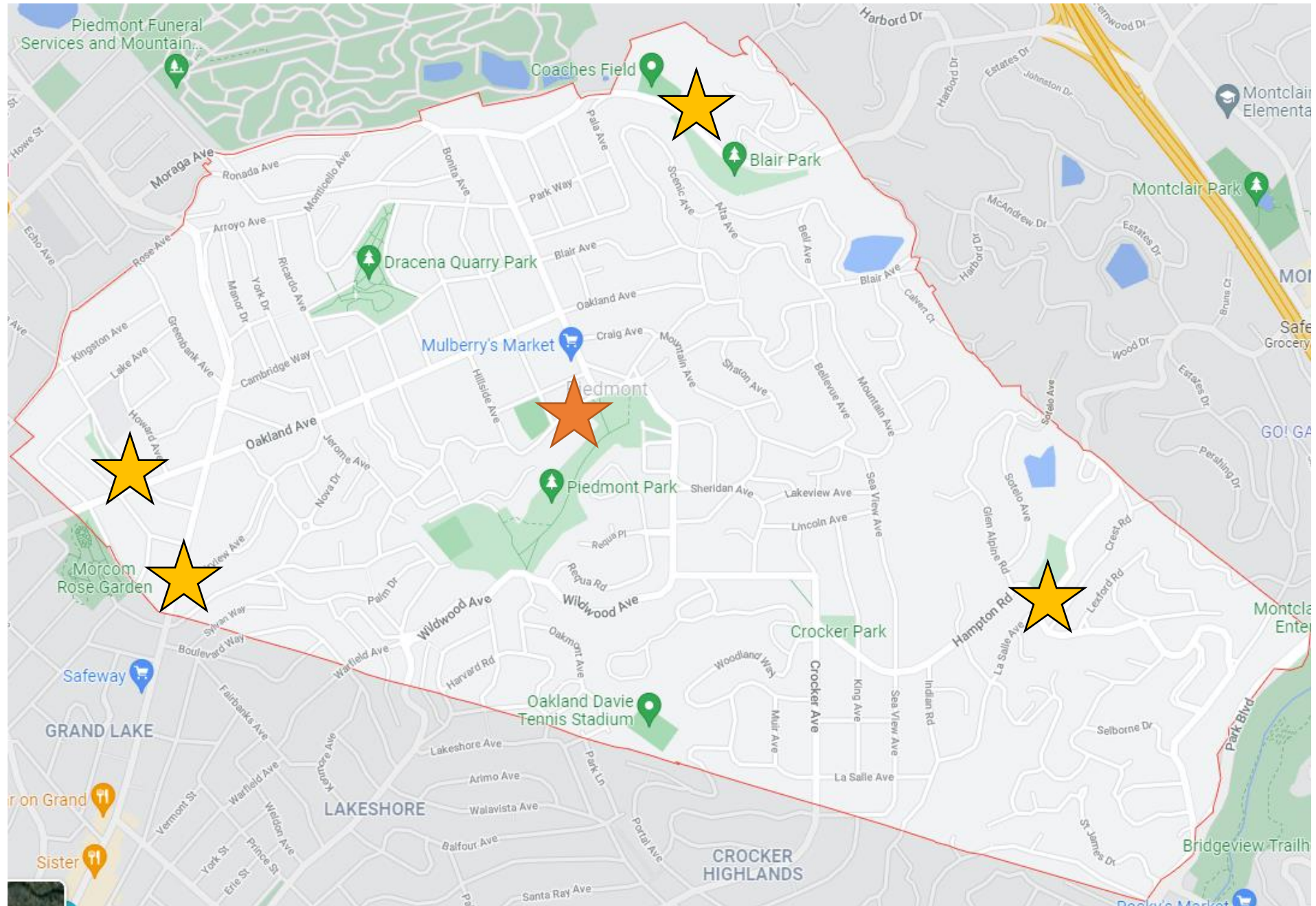
[Sign in to Google](#) to save your progress. [Learn more](#)





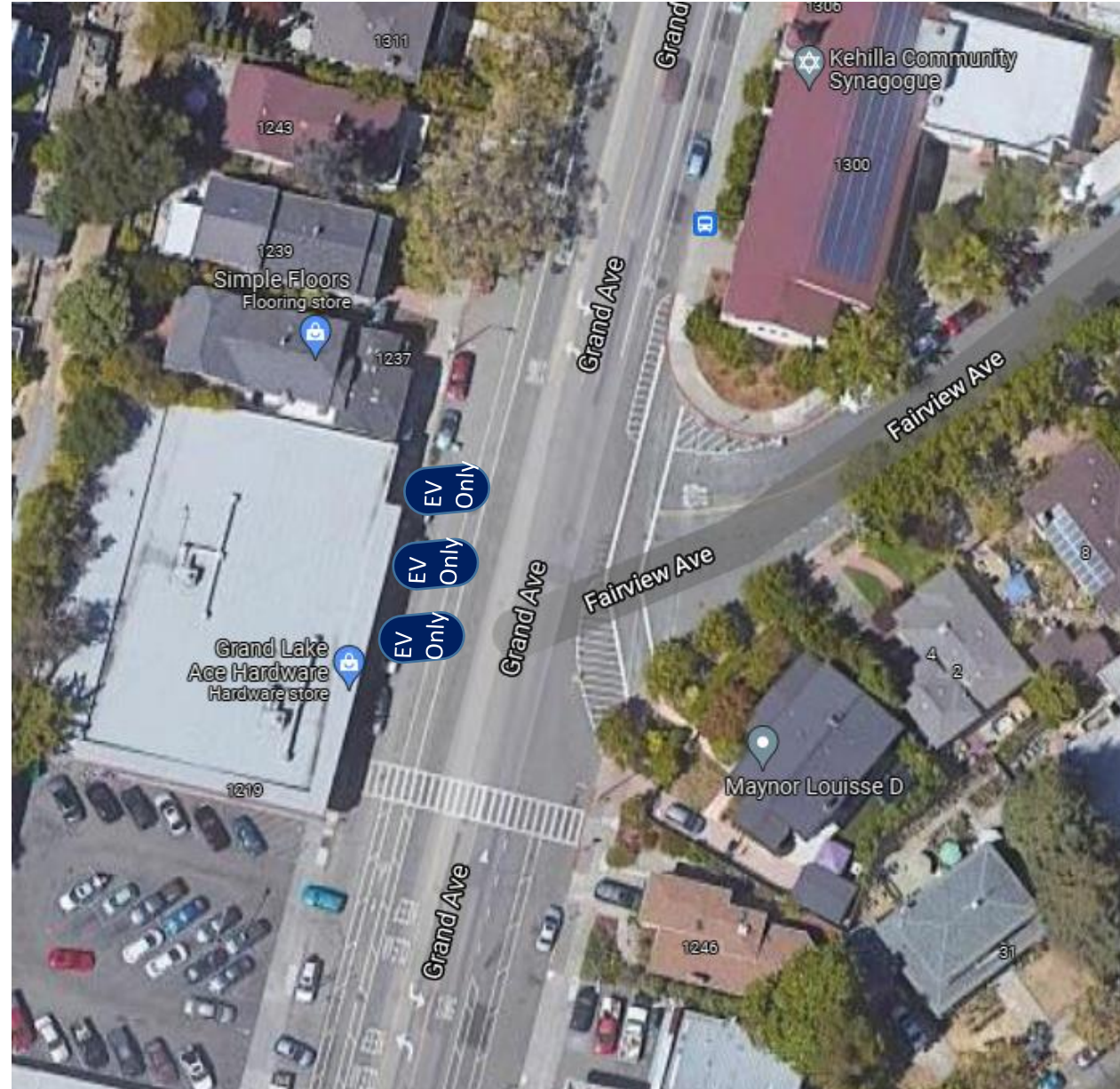
Preliminary community survey findings

- 7 in 10 survey respondents are very familiar with EVs and currently drive an EV
- 3 in 4 survey respondents who do not currently drive an EV are considering purchasing or leasing one
 - Top attributes encouraging the purchase/lease of an EV: no tailpipe emissions & costs less to charge than fueling a gas-powered vehicle
 - Top attributes holding people back from purchasing/leasing an EV: not enough public charging stations & range anxiety
- 3 in 4 survey respondents who currently drive an EV use Level 2 charging
- Half of survey respondents say they are likely to use public EV charging stations in Piedmont
 - Top attributes impacting likelihood of use: availability of charging , location of charger, and type of charger
- More than 8 in 10 say would prefer to use Level 3 (DCFC) chargers at public stations
- Half of survey respondents say public chargers being available in Piedmont would make them more likely to purchase/lease an EV



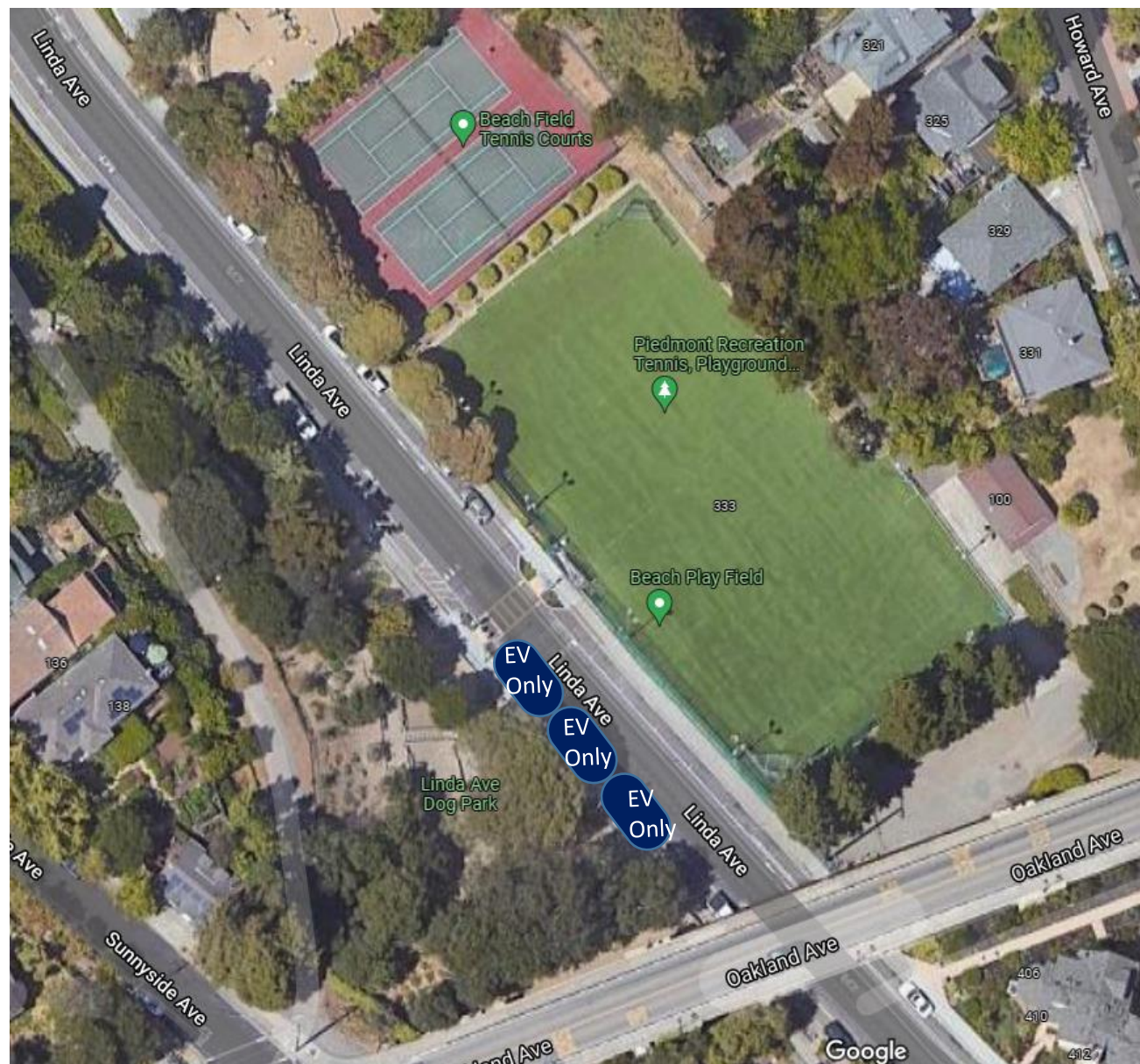


Potential Site: Grand Avenue





Potential Site: Linda Avenue



Questions?



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[Home](#) / [Water](#) / [Drought](#)

The East Bay is in drought: Save Water

- **Despite recent rains**, EBMUD is still in drought. We ask all customers to please save water. Remember to turn off outdoor irrigation for the season.
- **Thirsty for more drought information?** Watch our webinars on drought at ebmud.com/waterwednesday.

Water Supply Update

(through Nov 17)

Total system storage	57% full
Mokelumne watershed precipitation	13.75 inches

Latest Drought News

EBMUD is now in Stage 1 Drought: Voluntary 10% Demand Reduction

Take Action: If water is from a neighbor's property, try to contact them first. If you are unable to talk with your neighbor or identify which property is responsible, EBMUD can assist in contacting property owners. To report runoff from irrigation or broken or misdirected sprinklers, fill out the [water waste form](#).



[Home](#) / [Water](#) / [Conservation and rebates](#) / [Report water waste](#)

EBMUD manages more than 4,200 miles of pipeline and takes all leaks and wasted water seriously. We appreciate your help in identifying water losses.

Please follow the guidelines below to direct your inquiry.

What did you observe?

Street leak

Meter leak

Hydrant leak

Sewer leak

Runoff from irrigation or broken sprinkler



Remember to turn off outdoor irrigation for the season.

EBMUD website for reporting water waste including runoff from irrigation systems

Update on Drought Conditions