

Option 2: Using CalEnviroScreen 3.0 (CES 3.0) Criteria to Determine Local Match

This document uses Option 2, CES 3.0 and walks you through determining required local match.

Before you can determine your project's required local match you first need to identify the ¼ mile buffer around your project. If you have not done so yet, you can find information on how to do this on the CCLGP website in the document called "START HERE Finding the quarter or half mile limits around your project." The document contains suggestions for how to use Google Maps to identify limits around your project, however, applicants may use any logical, accurate method and need not follow this document. Once you have determined the limits proceed with the directions below.

Finding Local Match

Directions are provided by bullet points placed above helpful screen shots.

Option 2: Using CalEnviroScreen 3.0:

- Click on this link, then click on "OK" to stay in CalEnviroScreen 3.0. Do not use 4.0.
<https://oehha.maps.arcgis.com/apps/webappviewer/index.html?id=4560cfbce7c745c299b2d0cbb07044f5>

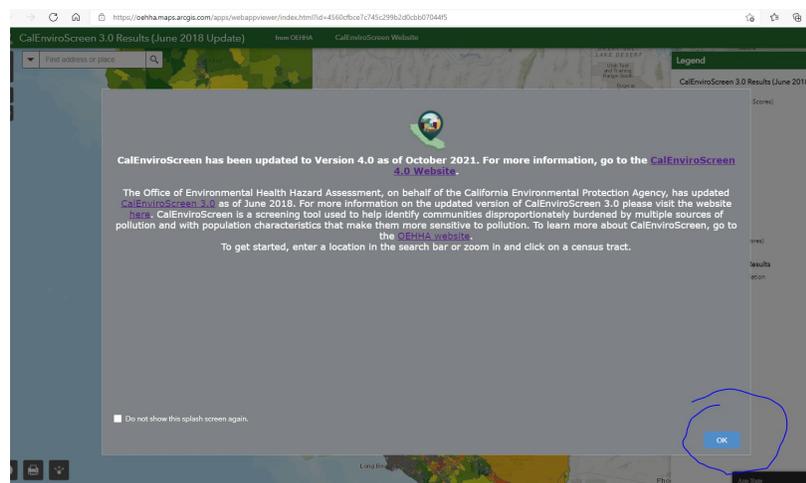
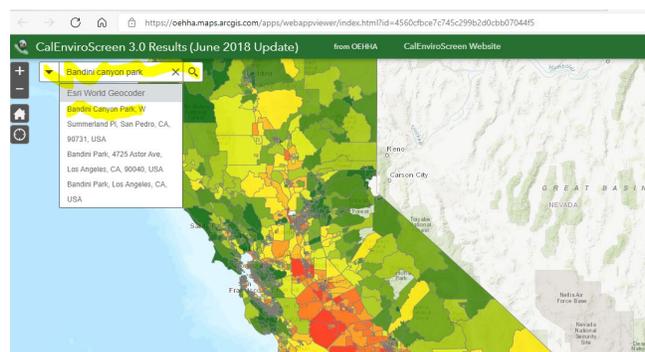
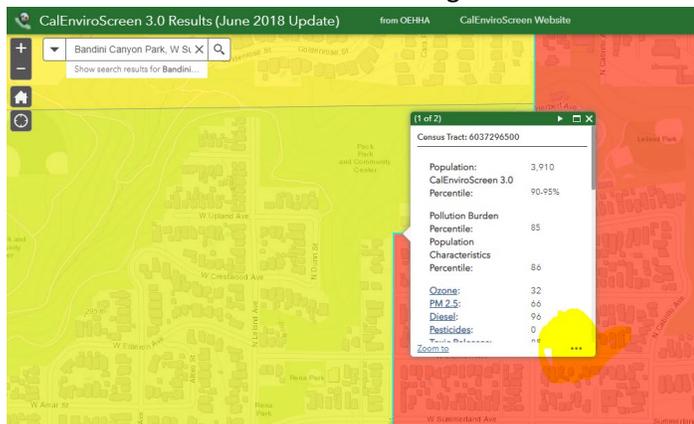


Figure 1 Click "OK" to stay on version 3.0.

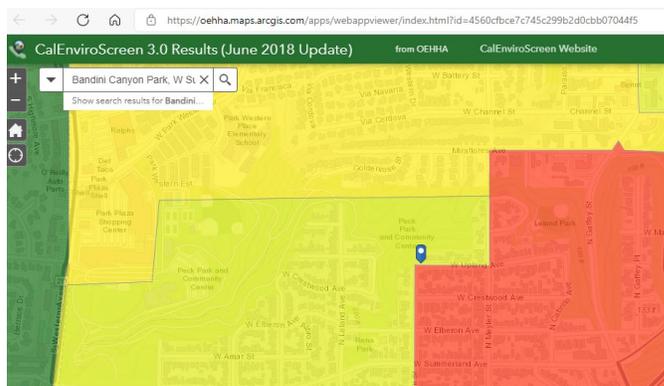
- Use the search box in the upper right corner to find your project location.



- Once you have found your site, and guided by the roads and landmarks you noted Google Maps, find the outer edge of the project $\frac{1}{4}$ “buffer.”
- Click on the screen on one of these edges. In the example, I have selected Upland Ave. on the south edge. This will open the census tract box for that location.
- Click on the three dots in the lower right corner of the box.



- Click on “Add a Marker.” In this example, we added a marker to the south limit of the project buffer on W. Upland Ave..



- Continue placing markers around all sides of the project buffer.

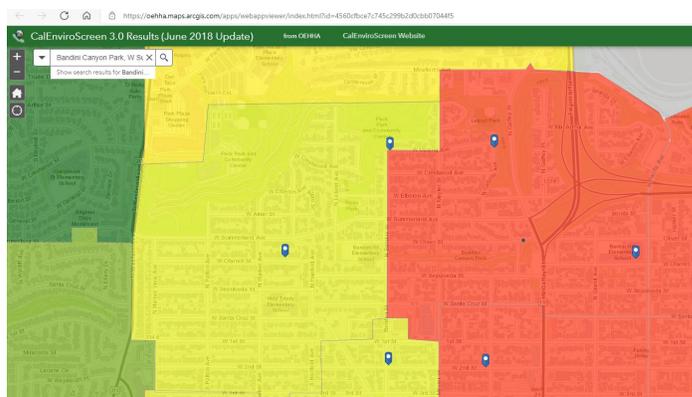


Figure 2 Census tracts within $\frac{1}{4}$ mile of Bandini Park as shown on CalEnviroScreen 3.0 Map

- Click around the project side of the markers and note all the census tracts. Record the tract **ID numbers** and **populations** in columns 2 and 3 of Table 1, Attachment I.
- The Census Tract ID number shown in the popup box is actually the FIPS number. You need only record the last 6 digits. Record them in the following format: xxxx.xx. For example, 6037296402 = 2964.02. You must enter your census tract numbers in this format on your application in Section 2.1, otherwise you will get an error message.
- Multiple adjacent tracts can be the same color, so be sure to include all the applicable tracts.
- This map does not provide the CES 3.0 Score. You will find the “Score” in Step 3. Do not record the “Percentile.”

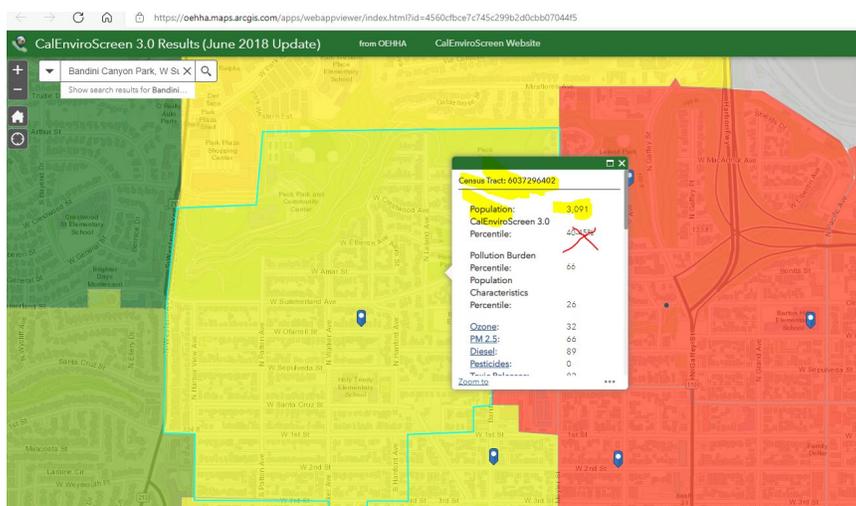


Figure 3 Tract 6037296402 (2964.02), Population 3,091.

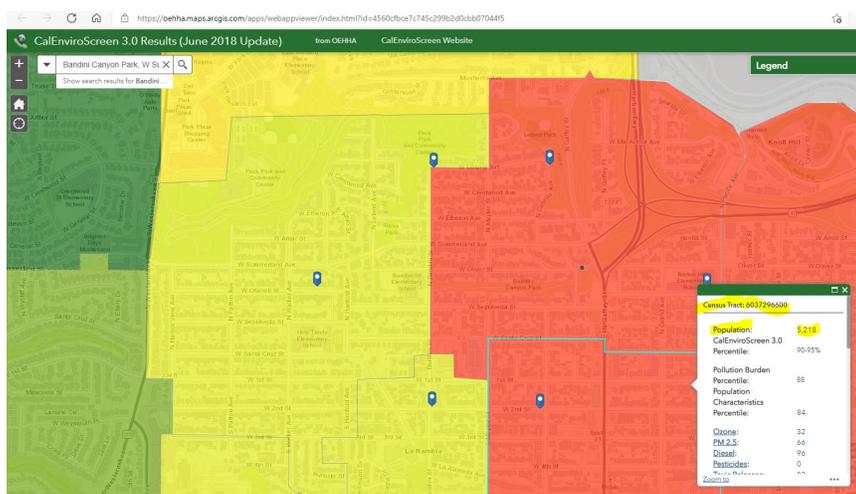


Figure 4 Tract 6017296600 (2966.00), population 5,218

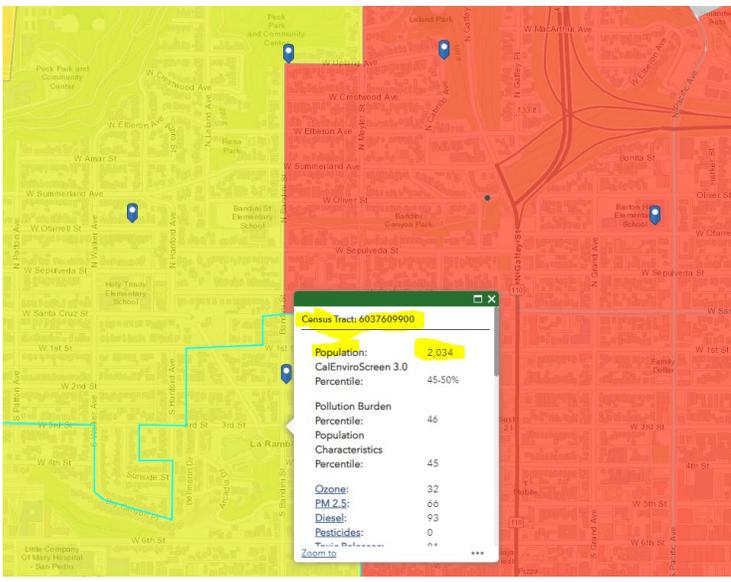


Figure 5 Tract 6037609900 (6099.00), Population 2,034

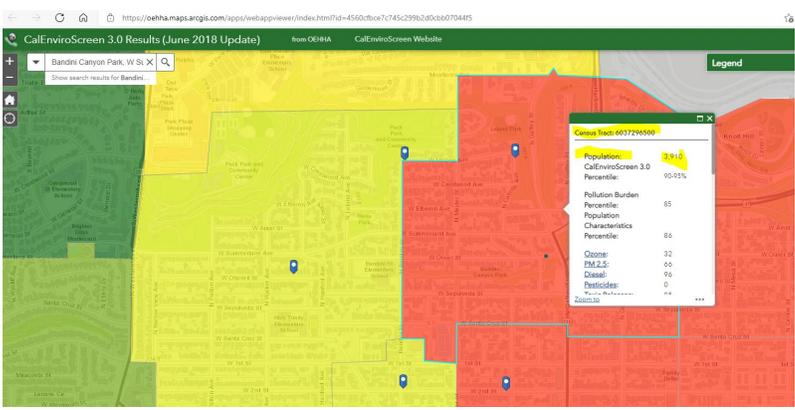


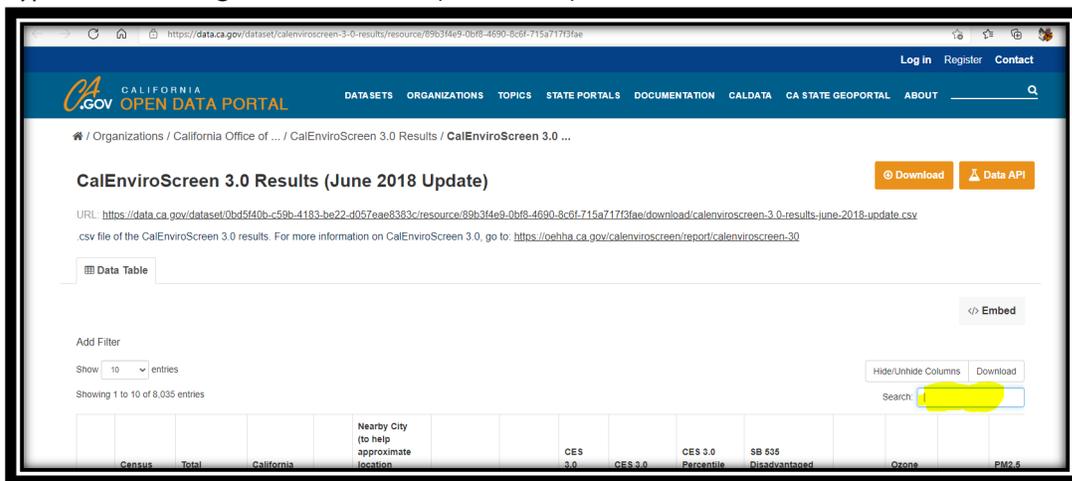
Figure 6 6037296500 (2965.00), Population 3,910

- Below is Table 1 with the Census tract #s and populations filled in.

Table 1. SOD of Community Surrounding the Project Site(s)					
List the Option Used to Determine SOD: (For definitions of each of the 5 options, see the section "Underserved Communities".)					
Location Relative to Project Site(s)		Census Tract Number	Census Tract Population	Metric Score of Census Tract using the chosen option listed above.	SOD of Tract (3) x (4)
(1)		(2)	(3)	(4)	(5)
1	Project Site A	2,965.00	3,910.00		0.00
2	Within a ¼ mile radius.	2,964.02	3,091.00		0.00
3	Within a ¼ mile radius.	6,099.00	2,034.00		0.00
4	Within a ¼ mile radius.	2,966.00	5,218.00		0.00
5	Project Site B				0.00
6	Within a ¼				0.00

Figure 7 All census tracts within a 1/4 mile of Bandini Park using CES 3.0.

- Now determine the CES 3.0 Score of each census tracts above.
- Go to [CalEnviroScreen 3.0 Results - CalEnviroScreen 3.0 Results \(June 2018 Update\) - California Open Data](#)
- Type the full 10 digit census tract ID (AKA FIPS #) into the search box.



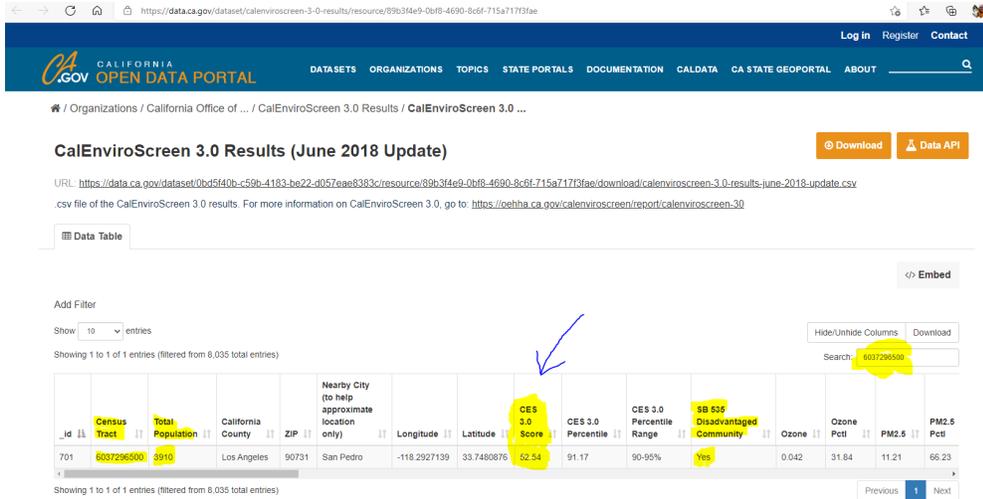


Figure 8 CES 3.0 Score of 52.54 for Census Tract 6037296500 (AKA 2965.00)

- Record the CES 3.0 score in Column 4 of Table 1, Attachment I. Continue the process with the remaining tracts. The Table will automatically calculate the Severity of Disadvantage of Community Surrounding the Project.

Table 1. SOD of Community Surrounding the Project Site(s)						
List the Option Used to Determine SOD: (For definitions of each of the 5 options, see the section "Underserved Communities".)						
	Location Relative to Project Site(s)	Census Tract Number	Census Tract Population	Metric Score of Census Tract using the chosen option listed above.	SOD of Tract (3) x (4)	
	(1)	(2)	(3)	(4)	(5)	
1	Project Site A	2,965.00	3,910.00	52.54	205,431.40	
2	Within a ¼ mile radius.	2,964.02	3,091.00	20.89	64,570.99	
3	Within a ¼ mile radius.	6,099.00	2,034.00	24.10	49,019.40	
4	Within a ¼ mile radius.	2,966.00	5,218.00	53.70	280,206.60	
5	Project Site B				0.00	
6	Within a ¼ mile radius.				0.00	
7	Within a ¼ mile radius.				0.00	
8	Within a ¼ mile radius.				0.00	
TOTALS			14,253.00		599,228.39	
SOD of Community Surrounding the Project			=	Total of Column 5 Total of Column 3	=	42.04

Figure 9 CES 3.0 Scores filled in column 4 and SOD

- Note, the SOD of 42.04 rounds down to 42. (decimal places of .04 or less round down, .05 or greater round up.)
- Determine the Required Local Match % using Table 2, of Attachment I.

Table 2. Severity of Disadvantage and Corresponding Local Match Requirement			
<i>SOD Criteria</i>	<i>Ranges for SOD of Community Surrounding the Project</i>	<i>Required Local Match %</i>	
Option 1: Area Median Income (AMI) compared to Statewide Median Income (SMI)*			
Data: Census Tract Level Data from the 2019 American Community Survey 5-year (ACS5) Estimates			
If the AMI SOD of the surrounding community is...	> \$60,188	Then local match is...	50
	\$56,426 to \$60,188		37.5
	\$52,665 to \$56,425		25
	\$48,903 to \$52,664		12.5
	< \$48,903		0
Option 2: CalEnviroScreen 3.0 Percentile Score			
Data: SB 535 List of Disadvantaged Communities or SB 535 Disadvantaged Communities Map			
If the CalEnviroScreen 3.0 SOD of the surrounding community is...	< 39	Then local match is...	50
	39 to 42		37.5
	43 to 46		25
	47 to 50		12.5
	> 50		0
Option 3: Percentage of Students that Receive Free or Reduced Lunches**			
Data: California Department of Education website			
If the Free Lunch SOD of the surrounding community is...	< 75	Then local match is ...	50
	75 to 79		37.5
	80 to 84		25
	85 to 89		12.5
	> 90		0
Option 4: Healthy Places Index (HPI) Score (use overall HPI score only)			
Data: California Healthy Places Index website			
If the HPI SOD of the surrounding community is...	> 25	Then local match is...	50
	21 to 25		37.5
	16 to 20		25
	10 to 15		12.5
	< 10		0
Option 5: Tribal Communities			
Data: List of Federally Recognized Tribal Governments in California			
If the project applicant or sub-applicant is a Federally Recognized Tribal Government or the project area is located within (or partially within) Federally Recognized Tribal Lands (typically within the boundaries of a Reservation or Rancheria), lands owned by or held in trust for an Indian tribe, allotted lands, and/or sensitive tribal areas (which might include areas in which a Native American Tribe has a significant interest such as traditional cultural properties and sacred sites).		Then the local match is...	0
*Communities with a population less than 15,000 may use data at the Census Block Group level. Unincorporated communities may use data at the Census Place level.			
**During the development of these guidelines, the National School Lunch Program started offering free lunches to all students. Thus, if an applicant still wants to use this option, it is recommended that pre-pandemic data be used.			

State your Required Local Match here:

The required local match in this example, using Option 2, CalEnviroScore 3.0, is 37.5.