Option 2 CalEnviroScreen 4.0 (CES 4.0)

Option 2: Using CalEnviroScreen 4.0 (CES 4.0)

This document describes how to use **Option 2**, **CES 4.0** to find the population and CES 4.0 score to determine a project's required local match.

Before you can determine your project's required local match you first need to identify the ¹/₂ mile buffer around your project. If you have not done so yet, you can find information on how to do this on the <u>CCLGP website</u> in the document called "START HERE: Determine the Half Mile Limits Around Your Project." The document contains suggestions for how to use Google Maps to identify the limits around your project. Once you have determined the limits proceed with the directions below.

- 1. Finding Local Match
 - Click on the <u>CalEnviroScreen 4.0 | OEHHA</u> link, then click on "OK" to stay in CalEnviroScreen 4.0.

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<u>Mapping Tools</u>						
Map of CalEnviroScreen 4.0 Results. <u>Click to op</u>	en in a new window. [En Españo	l aquí]				
CalEnviroScreen 4.0						About
The CalEnviroScreen 4.0 tool shows cumulative i communities by census tract. How to use this map • Use your mouse or touchpad to pan around. • Zoom in/out with a mouse wheel or the +/- ic • Search by location or census tract number wit • Click on a census tract to view additional info up window.	mpacts in California +	Walcon	Sentice Portano X	ASHINGTON BAILO	MONTANA P 2 9	
Dock the pop-up window to the side of the so dock icon. Export a map view that includes the legend a screenshot widget. Eastmark and the source of the source	reen by clicking t nd popup using th behalf of th has update more inform 4.0 please v screening th disproporti pollution ar more sensit CalEnviroSc contact <u>Cal</u>	of Environmental Here e California Environo d CalEnviroScreen 4. mation on the update visit the website here on tately burdened by nd with population of the to pollution. To le creen go to the OEH EnviroScreen@oehh	alth Hazard Assessment: on nental Protection Agency, 10 as of October 2021. For dd version of CallEnviroScreen . CalEnviroScreen is a tify communities multiple sources of haracteristics that make them sam more about HA website. For questions, a.cs.oor	SanDies a Tituna	AV AV TAR COLDRADO PLATERO TIZONA Phomo EL Paso	G Denver NORADO
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2. Type the project location in the search box. In this example, the project is located at **Bandini Canyon Park in San Pedro**.



- Identify the ½ mile buffer around your project using the roads and landmarks noted in Google Maps when completing the "Determine the Half Mile Limits Around Your Project" tutorial.
- 4. Click on <u>each</u> of the census tracts within the ½ mile buffer of the project site and record the Census Tract number and population in Table 1.
 - The Census Tract ID number shown in the pop-up box is the FIPS (Federal Information Processing Standards) number. <u>You need only to record the last six</u> <u>digits</u>. Record them in the following format: xxxx.xx. For example, 6037296210 = <u>2962.10</u>.
 - Note This map does not provide the CES 4.0 Score. You will find the "Score" in Step 7. <u>Do not</u> record the "Percentile."

• For this example, Census Tract number 2962.10 falls within a ¹/₂ mile of Bandini Canyon Park. From the pop-up box that appears when you click on the tract in the map, you can see the population is 3,132.



- 5. Repeat Step 4 for all census tracts within a $\frac{1}{2}$ mile of the project site.
 - Census Tract 2963.00 is also within a 1/2 mile of the project site. It has a population of 5,027.



• Census Tract 2964.02 is also within a 1/2 mile of the project site. It has a population of 3,312.



• Census Tract 2966.00 is also within a 1/2 mile of the project site. It has a population of 5,358.

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	Wand St. Wand S	A State of the second s	Census Tract: 603/296600 (Population:	d St. Los Angeles
uthAve	W 4in 5i 80°60376 69 Centran p.	W La Alameda Ave	5,358) The results for each indicator range from 0-100 and rep the percentile ranking of census tract 6037296600 relat other census tracts.	resent Fight Store Stress Stre
SaWeymon	Gin St Utilik Gompany With St	Image: State of the s	Overall Percentiles CalEnviroScreen 4.0 Percentile 88 Pollution Burden Percentile 81 Population Characteristics Percentile 84	Sth St San Pedro
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6. Start to fill in Table 1 with the census tract numbers and populations.

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	Communitie	ram guidelines se s".)	ction "Underserved	Option 2: CalEnviroScreen
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)
Project Site A				
Within a ½ mile radius of the perimeter of the project site	2962 10	3 132		
Within a ½ mile radius of the perimeter of the project site.	2963.00	5,027		<u>u</u>
Within a ½ mile radius of the perimeter of the project site.	2964.02	3,312		-
Within a ½ mile radius of the perimeter of the project site.	2966.00	5,358		-
Project Site B				
Within a ½ mile radius of the perimeter of the project site.	0.00	0	0.00	0
Within a ½ mile radius of the perimeter of the project site.	0.00	0	0.00	0
Within a ½ mile radius of the perimeter of the project site.	0.00	0	0.00	0
Within a ½ mile radius of the perimeter of the	0.00		0.00	
project site.	0.00	0	0.00	U
	TOTALS	16,829		-
SOD of C	ommunity Surrour	nding the Project	= <u>Total of Column 5</u> Total of Column 3	0.00

- 7. Now determine the CES 4.0 Score of each census tract above.
 - From the <u>CalEnviroScreen 4.0 | OEHHA website</u>, scroll down to "<u>Data and</u> <u>Additional Materials</u>" and click on **CalEnviroScreen 4.0 Excel and Data Dictionary PDF**" to download the file.





• From your downloads, click on the Excel file named "calenviroscreen40resultsdatadictionary_F_2021"

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• When the Excel file opens, click on the first tab titled "CES4.0FINAL_results." This file will provide the CES 4.0 Score for the census tracts.

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Census Tract •	Total Populatio *	California County *	ZIP Approximate	Longitude	Latitude	CES 4.0 Score 4	CES 4.0 Percentil	CES 4.0 Percentile Range	Ozone 👻	Ozone Pc+1	PM2.5	PM2.5 Pc+1	Diesel PM	Diesel PM Pctl 👻	Drinking
19001100	2780	Fresno	93706 Fresno	-119.7816961	36.7096952	93.18	100.00	95-100% (highest scores)	0.060	82.48	13.9063476	97.71	1.123	98.72	733
77000700	4680	San Joaquin	95206 Stockton	-121.2878729	37.9431727	86.65	99.99	95-100% (highest scores)	0.046	44.98	11.8840849	72.59	0.538	91.15	389
37204920	2751	Los Angeles	90023 Los Angeles	-118.1974975	34.0175004	82.39	99.97	95-100% (highest scores)	0.048	53.73	12.2516403	89.21	0.781	96.55	78
19000700	3664	Fresno	93706 Fresno	-119.8277069	36.7345353	81.33	99.96	95-100% (highest scores)	0.060	82.48	13.5209389	95.88	0.174	57.09	73
19000200	2689	Fresno	93706 Fresno	119.8055044	36.7354914	80.75	99.95	95-100% (highest scores)	0.060	82.48	13.8189594	97.47	1.390	99.30	73
37542402	3306	Los Angeles	90221 Compton	-118.2124134	33.881969	80.71	99.94	95-100% (highest scores)	0.043	29.89	12.25258	89.22	0.520	90.64	45
19001000	4255	Fresno	93706 Fresno	-119.804314	36.6977507	80.55	99.92	95-100% (highest scores)	0.060	82.48	13.5537968	96.02	0.097	36.19	75
7543202	5124	Los Angeles	90220 Compton	-118.230032	33.8798617	79.29	99.91	95-100% (highest scores)	0.042	26.70	12.2166602	88.64	0.376	83.17	4
9001202	4561	Fresno	93725 Unincorporated Fre	-119.7410277	36.7026849	79.17	99.90	95-100% (highest scores)	0.061	84.58	13.9660643	97.90	0.203	62.55	7
7000100	3688	San Joaquin	95202 Stockton	121.2853628	37.953996	77.87	99.89	95-100% (highest scores)	0.046	44.98	11.8757293	72.20	0.520	90.63	3
7203300	2000	Los Angeles	90033 Los Angeles	-118.2077883	34.0588723	77.35	99.87	95-100% (highest scores)	0.049	59.69	12.5768753	91.57	1.053	98.41	-
7291220	3640	Los Angeles	90247 Los Angeles	-118.286709	33.8771395	77.25	99.86	95-100% (highest scores)	0.041	24.88	12.0660607	82.35	0.637	94.08	1
7433501	1949	Los Angeles	91733 South El Monte	-118.0651222	34.0572554	76.91	99.85	95-100% (highest scores)	0.055	71.66	12.0041681	78.44	0.551	91.56	1
7243100	6772	Los Angeles	90059 Los Angeles	-118.2350934	33.9327963	76.85	99.84	95-100% (highest scores)	0.044	35.16	12.0902374	83.73	0.805	96.76	
7227010	5705	Los Angeles	90011 Los Angeles	-118.2469968	34.0185256	76.65	99.82	95-100% (highest scores)	0.046	46.99	12.0994049	84.39	0.565	91.89	3
7226001	2615	Los Angeles	90021 Los Angeles	-118.2502739	34.0244835	76.52	99.81	95-100% (highest scores)	0.046	46.99	12.1580224	87.29	0.629	93.86	1
9000300	4225	Fresno	93706 Fresno	-119.8010347	36.726462	76.40	99.80	95-100% (highest scores)	0.060	82.48	13.7760593	97.36	0.693	95.22	
7433101	2464	Los Angeles	91731 El Monte	-118.0605567	34.0686907	76.26	99.79	95-100% (highest scores)	0.056	74.10	11.9410341	75.21	0.355	81.64	1
7239202	5999	Los Angeles	90001 Los Angeles	118.2649765	33.9856783	76.24	99.77	95-100% (highest scores)	0.045	39.99	12.144955	86.78	0.232	67.39	1
7206050	2031	Los Angeles	90023 Los Angeles	118.2244531	34.0299036	75.99	99.76	95-100% (highest scores)	0.048	50.99	12.4153743	90.54	1.141	98.79	
7205120	3548	Los Angeles	90023 Los Angeles	118.2117956	34.0187546	75.72	99.75	95-100% (highest scores)	0.047	50.54	12.274078	89.42	0.571	92.08	3
7000300	2048	San Joaquin	95203 Stockton	121.3020724	37.952421	75.61	99.74	95-100% (highest scores)	0.046	44.98	11.6607586	64.78	0.771	96.42	1
7226002	1820	Los Angeles	90021 Los Angeles	118.2477686	34.0326196	75.55	99.72	95-100% (highest scores)	0.047	50.54	12.2515654	89.20	0.704	95.46	
9000902	5191	Fresno	93706 Fresno	-119.8042772	36.717769	75.46	99.71	95-100% (highest scores)	0.060	82.48	13.6829434	96.79	0.256	71.00	1
003700	4669	Stanislaus	95380 Unincorporated Sta	120.883606	37.4647928	75.31	99.70	95-100% (highest scores)	0.056	74.10	12.1125709	85.35	0.196	61.27	1
000400	5498	Fresno	93721 Fresno	-119.7762091	36.7276563	75.30	99.68	95-100% (highest scores)	0.060	82.48	13.8895151	97.69	0.674	94.87	
7536104	3900	Los Angeles	90280 South Gate	118.1782284	33.9448778	75.11	99.67	95-100% (highest scores)	0.045	42.56	12.0486977	81.02	0.702	95.42	(
7104703	2174	Los Angeles	91331 Los Angeles	118.4005905	34.2552325	74.98	99.66	95-100% (highest scores)	0.067	97.00	11.2284956	57.21	0.576	92.20	3
7240500	7326	Los Angeles	90003 Los Angeles	-118.275663	33.9469248	74.91	99.65	95-100% (highest scores)	0.044	35.16	12.0998549	84.43	0.321	78.44	1
7535400	3553	Los Angeles	90002 Florence-Graham	-118.2314205	33.947117	74.90	99.63	95-100% (highest scores)	0.044	37.57	12.071399	82.66	0.270	73.06	7
1001600	5363	San Remardino	91761 Ontario	117 6180131	34 0577805	74 67	99.62	95-100% (highest scores)	0.062	88.87	13 785161	97.40	0.419	86.01	7

8. Type the full 10-digit census tract ID number in the search box at the top of the Excel file. Note, the *Census Tract ID* is the <u>full 10-digit</u> FIPS number. Refer to Step 4 for more information.

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5019001100	2780	Fresno	93706	Fresno	-119.7816961	36.7096952	93.18	100.00	95-100% (highest scores)	0.060	82.48	13.9063476	97.71	1.123	98.72	733.
5077000700	4680	San Joaquin	95206	Stockton	-121.2878729	37.9431727	86.65	99.99	95-100% (highest scores)	0.046	44.98	11.8840849	72.59	0.538	91.15	389.
5037204920	2751	Los Angeles	90023	Los Angeles	-118.1974975	34.0175004	82.39	99.97	95-100% (highest scores)	0.048	53.73	12.2516403	89.21	0.781	96.55	787
5019000700	3664	Fresno	93706	Fresno	-119.8277069	36.7345353	81.33	99.96	95-100% (highest scores)	0.060	82.48	13.5209389	95.88	0.174	57.09	733
5019000200	2689	Fresno	93706	Fresno	-119.8055044	36.7354914	80.75	99.95	95-100% (highest scores)	0.060	82.48	13.8189594	97.47	1.390	99.30	733
5037542402	3306	Los Angeles	90221	Compton	-118.2124134	33.881969	80.71	99.94	95-100% (highest scores)	0.043	29.89	12.25258	89.22	0.520	90.64	45
6019001000	4255	Fresno	93706	Fresno	-119.804314	36.6977507	80.55	99.92	95-100% (highest scores)	0.060	82.48	13.5537968	96.02	0.097	36.19	790
037543202	5124	Los Angeles	90220	Compton	-118.230032	33.8798617	79.29	99.91	95-100% (highest scores)	0.042	26.70	12.2166602	88.64	0.376	83.17	45
019001202	4561	Fresno	93725	Unincorporated Fre	-119.7410277	36.7026849	79.17	99.90	95-100% (highest scores)	0.061	84.58	13.9660643	97.90	0.203	62.55	78
077000100	3688	San Joaquin	95202	Stockton	-121.2853628	37.953996	77.87	99.89	95-100% (highest scores)	0.046	44.98	11.8757293	72.20	0.520	90.63	38
037203300	2000	Los Angeles	90033	Los Angeles	-118.2077883	34.0588723	77.35	99.87	95-100% (highest scores)	0.049	59.69	12.5768753	91.57	1.053	98.41	79
037291220	3640	Los Angeles	90247	Los Angeles	-118.286709	33.8771395	77.25	99.86	95-100% (highest scores)	0.041	24.88	12.0660607	82.35	0.637	94.08	80
037433501	1949	Los Angeles	91733	South El Monte	-118.0651222	34.0572554	76.91	99.85	95-100% (highest scores)	0.055	71.66	12.0041681	78.44	0.551	91.56	82
037243100	6772	Los Angeles	90059	Los Angeles	-118.2350934	33.9327963	76.85	99.84	95-100% (highest scores)	0.044	35.16	12.0902374	83.73	0.805	96.76	78
037227010	5705	Los Angeles	90011	Los Angeles	-118.2469968	34.0185256	76.65	99.82	95-100% (highest scores)	0.046	46.99	12.0994049	84.39	0.565	91.89	78
037226001	2615	Los Angeles	90021	Los Angeles	-118.2502739	34.0244835	76.52	99.81	95-100% (highest scores)	0.046	46.99	12.1580224	87.29	0.629	93.86	7
019000300	4225	Fresno	93706	Fresno	-119.8010347	36.726462	76.40	99.80	95-100% (highest scores)	0.060	82.48	13.7760593	97.36	0.693	95.22	7
037433101	2464	Los Angeles	91731	El Monte	-118.0605567	34.0686907	76.26	99.79	95-100% (highest scores)	0.056	74.10	11.9410341	75.21	0.355	81.64	8
037239202	5999	Los Angeles	90001	Los Angeles	-118.2649765	33.9856783	76.24	99.77	95-100% (highest scores)	0.045	39.99	12.144955	86.78	0.232	67.39	7
037206050	2031	Los Angeles	90023	Los Angeles	-118.2244531	34.0299036	75.99	99.76	95-100% (highest scores)	0.048	50.99	12.4153743	90.54	1.141	98.79	7
037205120	3548	Los Angeles	90023	Los Angeles	-118.2117956	34.0187546	75.72	99.75	95-100% (highest scores)	0.047	50.54	12.274078	89.42	0.571	92.08	7
077000300	2048	San Joaquin	95203	Stockton	-121.3020724	37.952421	75.61	99.74	95-100% (highest scores)	0.046	44.98	11.6607586	64.78	0.771	96.42	3
37226002	1820	Los Angeles	90021	Los Angeles	-118.2477686	34.0326196	75.55	99.72	95-100% (highest scores)	0.047	50.54	12.2515654	89.20	0.704	95.46	7
019000902	5191	Fresno	93706	Fresno	-119.8042772	36.717769	75.46	99.71	95-100% (highest scores)	0.060	82.48	13.6829434	96.79	0.256	71.00	7
99003700	4669	Stanislaus	95380	Unincorporated Sta	-120.883606	37.4647928	75.31	99.70	95-100% (highest scores)	0.056	74.10	12.1125709	85.35	0.196	61.27	8
19000400	5498	Fresno	93721	Fresno	-119.7762091	36.7276563	75.30	99.68	95-100% (highest scores)	0.060	82.48	13.8895151	97.69	0.674	94.87	7
37536104	3900	Los Angeles	90280	South Gate	-118.1782284	33.9448778	75.11	99.67	95-100% (highest scores)	0.045	42.56	12.0486977	81.02	0.702	95.42	6
37104703	2174	Los Angeles	91331	Los Angeles	-118.4005905	34.2552325	74.98	99.66	95-100% (highest scores)	0.067	97.00	11.2284956	57.21	0.576	92.20	7
037240500	7326	Los Angeles	90003	Los Angeles	-118.275663	33.9469248	74.91	99.65	95-100% (highest scores)	0.044	35.16	12.0998549	84.43	0.321	78.44	7
37535400	3553	Los Angeles	90002	Florence-Graham	-118.2314205	33,947117	74.90	99,63	95-100% (highest scores)	0.044	37.57	12.071399	82.66	0.270	73.06	7
071001600	5363	San Bernardino	91761	Ontario	-117 6180131	34.0577805	74.67	99.62	95-100% (highest scores)	0.062	88.82	13,785161	97.40	0.419	86.01	7

- Search each of the census tract ID numbers within the ½ mile buffer of the project site and record the CES 4.0 Score in Column 4 of Table 1.
- For this example, Census Tract 2962.10 (census tract ID 6037296210) falls within a ¹/₂ mile of Bandini Canyon Park. From the CalEnviroScreen 4.0 Results Excel file, you can see the CES 4.0 Score is 70.53.

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Census Tract 👻	Total Populatio -	California County 💌	ZIP Approxima	ate Longitud	le Latitude v	CES 4.0 Score	CES 4.0 Percentil 💌	CES 4.0 Percentile Range	Ozone
37533806	3794	Los Angeles	90201 Bell	-118.17049	19 33.9722323	72.00	99.37	95-100% (highest scores)	0.
029002200	5633	Kern	93307 Bakersfield	-118.98791	61 35.3613217	71.91	99.36	95-100% (highest scores)	0.
37534102	6219	Los Angeles	90201 Bell Gardens	-118.16164	52 33.9702059	71.90	99.34	95-100% (highest scores)	0.
065030502	1963	Riverside	92507 Riverside	-117.35605	14 33.9857419	71.87	99.33	95-100% (highest scores)	0.
37127400	6558	Los Angeles	91406 Los Angeles	-118.47821	03 34.2102531	71.85	99.32	95-100% (highest scores)	0
039000800	6793	Madera	93637 Madera	-120.06162	42 36.9597277	71.55	99.31	95-100% (highest scores)	0
37570301	7273	Los Angeles	90805 Long Beach	-118.19221	87 33.8676075	71.42	99.29	95-100% (highest scores)	0.
37534301	4320	Los Angeles	90201 Cudahy	-118.18529	19 33.9599735	71.40	99.28	95-100% (highest scores)	0
37294701	3099	Los Angeles	90744 Los Angeles	-118.25490	79 33.7780161	71.29	99.27	95-100% (highest scores)	0.
37239330	2458	Los Angeles	90001 Los Angeles	-118.26310	29 33.9783876	71.24	99.26	95-100% (highest scores)	0.
019001301	5342	Fresno	93702 Fresno	-119.74999	23 36.732259	71.21	99.24	95-100% (highest scores)	0.
37570402	3400	Los Angeles	90805 Long Beach	-118.19865	52 33.8685443	71.21	99.23	95-100% (highest scores)	0.
37239702	4334	Los Angeles	90003 Los Angeles	-118.27500	06 33.962202	70.76	99.22	95-100% (highest scores)	0.
37540400	2109	Los Angeles	90059 Willowbrook	-118.22823	98 33.9326754	70.56	99.21	95-100% (highest scores)	0.
37296210	3132	Los Angeles	90731 Los Angeles	-118.28395	28 33.7476138	70.53	99.19	95-100% (highest scores)	0
37534302	3720	Los Angeles	90201 Cudahy	-118.17556	64 33.9593595	70.45	99.18	95-100% (highest scores)	0
77003803	6299	San Joaquin	95231 French Camp	-121.26882	18 37.885527	70.42	99.17	95-100% (highest scores)	0.
37120020	3872	Los Angeles	91402 Los Angeles	-118.45485	16 34.2188235	70.33	99.16	95-100% (highest scores)	0.
37434004	3039	Los Angeles	91733 South El Mon	te -118.03218	96 34.0402202	70.22	99.14	95-100% (highest scores)	0.
019000901	2759	Fresno	93706 Fresno	-119.80430	1 36.7104697	70.21	99.13	95-100% (highest scores)	0.
019007100	7637	Fresno	93662 Selma	-119.62791	31 36.5629769	70.20	99.12	95-100% (highest scores)	0
37205110	3904	Los Angeles	90023 Los Angeles	-118.21429	85 34.0245059	70.13	99.10	95-100% (highest scores)	0
37122410	3457	Los Angeles	91605 Los Angeles	-118.39197	39 34.2044832	70.04	99.09	95-100% (highest scores)	0
37532304	4013	Los Angeles	90040 Commerce	-118.15267	93 33.9862905	70.00	99.08	95-100% (highest scores)	0
065042505	3542	Riverside	92553 Moreno Valle	ey -117.28251	58 33.9293086	69.96	99.07	95-100% (highest scores)	0
37208000	7508	Los Angeles	90026 Los Angeles	-118.25606	31 34.0625684	69.81	99.05	95-100% (highest scores)	0.
019001500	2407	Fresno	93725 Unincorporat	ed Fre-119.71784	27 36.6816	69.73	99.04	95-100% (highest scores)	0
37575401	4788	Los Angeles	90813 Long Beach	-118.20017	4 33.7863532	69.66	99.03	95-100% (highest scores)	0
127572201	2041	Los Angolos	90910 Long Boach	110 20157	55 22 8219958	69.65	99.02	05-100% (highest scores)	0

- 9. Repeat Step 8 for all census tracts within a $\frac{1}{2}$ mile of the project site.
 - Census Tract 2963.00 (census tract ID 6037296300) is also within a ¹/₂ mile of the project site. It has a CES 4.0 Score of 32.82.

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1	Tract 👻	Populatio *	County 💌	ZIP 👻	Location V	Longitude	Latitude	Score 🚽	CES 4.0 Percentil	CES 4.0 Percentile Rang	Ozone 👻	Ozone Pc+I
368	6037125402	4889	Los Angeles	91602	Los Angeles	-118.3740062	34.1566827	32.93	63.87	60-65%	0.058	76.94
369	6001401100	4287	Alameda	94609	Oakland	-122.2638645	37.8304835	32.93	63.86	60-65%	0.029	3.12
370	6037139503	5946	Los Angeles	91316	Los Angeles	-118.5245194	34.167785	32.92	63.84	60-65%	0.060	82.48
371	6037408623	3268	Los Angeles	91745	Hacienda Heights	-117.9376426	33.9952944	32.90	63.83	60-65%	0.053	67.90
372	6071006604	3383	San Bernardino	92324	Colton	-117.3337749	34.0900259	32.89	63.82	60-65%	0.070	98.67
373	6059086305	4266	Orange	92806	Anaheim	-117.8794788	33.829141	32.88	63.80	60-65%	0.048	53.73
374	6095252501	2816	Solano	94533	Fairfield	-122.0412776	38.2547036	32.87	63.79	60-65%	0.041	24.88
375	6059110604	7704	Orange	90621	Buena Park	-117.9829914	33.8870126	32.87	63.78	60-65%	0.048	50.99
376	6037431001	7669	Los Angeles	91016	Monrovia	-118.0051354	34.1484127	32.87	63.77	60-65%	0.062	88.70
377	6071000403	4261	San Bernardino	91710	Unincorporated Sa	-117.7129533	34.0393978	32.86	63.75	60-65%	0.058	76.94
378	6053014800	6527	Monterey	93925	Unincorporated Mo	-121.4025672	36.5669002	32.86	63,74	60-65%	0.041	22.22
379	6037554900	7636	Los Angeles	90701	Artesia	-118.0792349	33.8612643	32.86	63.73	60-65%	0.044	37.57
380	6001444500	7518	Alameda	94560	Newark	-122.0273559	37.5342611	32.85	63.72	60-65%	0.036	13.62
381	6065042213	4271	Riverside	92507	Riverside	-117.3168512	33.9764665	32.83	63.70	60-65%	0.070	98.67
382	6037296300	5027	Los Angeles	90732	Los Angeles	-118.3012745	33.7545886	32.82	63.69	60-65%	0.038	16.78
383	6037189902	5371	Los Angeles	90046	Los Angeles	-118.3490051	34.0961801	32.80	63.68	60-65%	0.050	62.53
384	6067009900	3571	Sacramento	95690	Walnut Grove	-121.5387474	38.2710059	32.79	63.67	60-65%	0.045	40.05
385	6047000402	9060	Merced	95324	Unincorporated Me	-120.8953613	37.3998708	32.78	63.65	60-65%	0.056	74.10
386	6029005600	2221	Kern	93516	Boron	-117.6746581	35.0215717	32.75	63.64	60-65%	0.062	88.70
387	6037555103	4873	Los Angeles	90715	Lakewood	-118.0652797	33.8445898	32.75	63.63	60-65%	0.044	35.16

• Census Tract 2964.02 (census tract ID 6037296402) is also within a ¹/₂ mile of the project site. It has a CES 4.0 Score of 17.91.

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1	Census Tract 👻	Total Populatio *	California County	ZIP	Approximate Location	Longitude	Latitude	CES 4.0 Score 🚽	CES 4.0 Percentil 🔻	CES 4.0 Percentile Range	Ozone 👻	Ozone Pc+I
5343	6059001403	3023	Orange	92821	Brea	-117.9199423	33.9392818	17.97	32.67	30-35%	0.050	62.53
5344	6111005908	2892	Ventura	91320	Thousand Oaks	-118.9225569	34.1791943	17.97	32.65	30-35%	0.047	50.54
5345	6083002928	4490	Santa Barbara	93117	Isla Vista	-119.8716978	34.4129398	17.97	32.64	30-35%	0.040	20.85
5346	6085506402	5784	Santa Clara	95128	Campbell	-121.9450314	37.301578	17.97	32.63	30-35%	0.040	20.85
5347	6079011200	8150	San Luis Obispo	93405	Unincorporated Sar	-120.6876263	35.2910385	17.97	32.61	30-35%	0.036	13.62
5348	6067004006	5346	Sacramento	95831	Sacramento	-121.5248769	38.5072046	17.96	32.60	30-35%	0.044	35.16
5349	6001407800	2728	Alameda	94613	Oakland	-122.1866595	37.7817414	17.96	32.59	30-35%	0.031	3.83
5350	6059063201	4016	Orange	92627	Costa Mesa	-117.9035763	33.650871	17.95	32.58	30-35%	0.047	50.54
5351	6001450603	5155	Alameda	94588	Pleasanton	-121.9106268	37.6888608	17.95	32.56	30-35%	0.041	24.88
5352	6037300501	3264	Los Angeles	91214	La Crescenta-Montr	-118.2402637	34.2206692	17.95	32.55	30-35%	0.061	84.58
5353	6059063907	8311	Orange	92626	Costa Mesa	-117.9036273	33.6925273	17.95	32.54	30-35%	0.048	50.99
5354	6037700300	6223	Los Angeles	90069	West Hollywood	-118.3720584	34.0918485	17.93	32.53	30-35%	0.050	62.53
5355	6097150601	4413	Sonoma	94954	Petaluma	-122.6132539	38.2376164	17.92	32.51	30-35%	0.034	10.57
5356	6061022600	5042	Placer	95678	Roseville	-121.2862871	38.7796506	17.91	32.50	30-35%	0.052	65.36
5357	6037296402	3312	Los Angeles	90732	Los Angeles	-118.3038543	33.7465608	17.91	32.49	30-35%	0.038	16.78
5358	6029002807	3713	Kern	93309	Olde Stockdale	-119.0825787	35.3457879	17.91	32.48	30-35%	0.065	93.63
5359	6065045108	6767	Riverside	92260	Palm Desert	-116.3737306	33.7251085	17.90	32.46	30-35%	0.062	88.70
5360	6085504321	5574	Santa Clara	95132	San Jose	-121.8652078	37.3930724	17.90	32.45	30-35%	0.040	20.85
5361	6059075701	7155	Orange	92705	North Tustin	-117.8278543	33.7667021	17.88	32.44	30-35%	0.049	57.77
5362	6019005703	5199	Fresno	93611	Clovis	-119.6728738	36.8157677	17.88	32.43	30-35%	0.062	88.70

• Census Tract 2966.00 (census tract ID 6037296600) is also within a ¹/₂ mile of the project site. It has a CES 4.0 Score of 49.96.

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1	Census Tract 💌	Total Populatio 🔻	California County	ZIP	Approximate Location	Longitude	Latitude 👻	CES 4.0 Score 🚽	CES 4.0 Percentil 🔻	CES 4.0 Percentile Range	Ozone 👻	Ozone Pc+I
954	6019001600	5177	Fresno	93625	Unincorporated Fre	-119.6486262	36.6433218	50.09	88.00	85-90%	0.062	88.70
955	6037221500	3875	Los Angeles	90018	Los Angeles	-118.3046372	34.0348455	50.09	87.99	85-90%	0.046	44.98
956	6037131800	6157	Los Angeles	91335	Los Angeles	-118.527308	34.2047091	50.07	87.97	85-90%	0.062	88.70
957	6037432601	7210	Los Angeles	91732	El Monte	-118.0143396	34.0820032	50.06	87.96	85-90%	0.058	76.94
958	6107001004	7791	Tulare	93291	Visalia	-119.2957398	36.3521706	50.06	87.95	85-90%	0.064	91.05
959	6059074502	5413	Orange	92707	Santa Ana	-117.860016	33.7284144	50.05	87.93	85-90%	0.049	57.77
960	6037530802	3165	Los Angeles	90063	East Los Angeles	-118.181318	34.052283	50.04	87.92	85-90%	0.050	62.53
961	6029003115	4816	Kern	93304	Bakersfield	-119.0269531	35.3035415	50.03	87.91	85-90%	0.065	93.63
962	6037134720	5074	Los Angeles	91306	Los Angeles	-118.5688121	34.2046449	50.01	87.90	85-90%	0.061	84.58
963	6073003301	3820	San Diego	92113	San Diego	-117.1018968	32.7027556	50.00	87.88	85-90%	0.043	29.89
964	6037231220	4653	Los Angeles	90037	Los Angeles	-118.2893753	34.0145635	49.99	87.87	85-90%	0.045	42.56
965	6107001200	1245	Tulare	93291	Visalia	-119.299985	36.3302301	49.98	87.86	85-90%	0.062	88.70
966	6037115403	3583	Los Angeles	91325	Los Angeles	-118.5317299	34.2247342	49.97	87.85	85-90%	0.064	91.05
€67	6037128601	4369	Los Angeles	91401	Los Angeles	-118.4410821	34.1784585	49.96	87.83	85-90%	0.060	82.48
968	6037296600	5358	Los Angeles	90731	Los Angeles	-118.2923625	33.7397829	49.96	87.82	85-90%	0.038	16.78
969	6037218210	3721	Los Angeles	90019	Los Angeles	-118.3423056	34.0427907	49.94	87.81	85-90%	0.046	46.99
970	6059086404	6350	Orange	92805	Anaheim	-117.8977733	33.8506272	49.94	87.80	85-90%	0.048	51.90
971	6037404301	5503	Los Angeles	91702	Azusa	-117.9041106	34.1275266	49.93	87.78	85-90%	0.061	84.58
372	6037106520	5920	Los Angeles	91342	Los Angeles	-118.4613524	34.3088574	49.93	87.77	85-90%	0.067	97.00
373	6037119340	4264	Los Angeles	91402	Los Angeles	-118.4519009	34.233609	49.92	87.76	85-90%	0.065	93.63

10. Record the CES 4.0 Scores in Column 4 of Table 1. The Table will automatically calculate the Severity of Disadvantage of Community Surrounding the Project Site.

Table 1. SOD of Community Surrounding the Project Site(s)									
List (For information on the 4	<mark>the Option Used to E</mark> options, see the prog Communitie	D <mark>etermine SOD:</mark> ram guidelines se s".)	ction "Underserved	Option 2: CalEnviroScreen					
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)					
Project Site A									
Within a ½ mile radius of									
the perimeter of the	00 (0.10	0.100	70.50	000.000.07					
project site.	2962.10	3,132	70.53	220,899.96					
the perimeter of the									
project site	2963.00	5.027	32.82	164 986 14					
Within a ½ mile radius of	2700.00	5,027	52.02	104,700.14					
the perimeter of the									
project site.	2964.02	3,312	17.91	59,317.92					
Within a ½ mile radius of									
the perimeter of the									
project site.	2966.00	5,358	49.96	267,685.68					
Project Site B									
Within a ½ mile radius of									
the perimeter of the									
project site.	0.00	0	0.00	(
within a ½ mile radius of									
ine permeter of the	0.00	0	0.00	C					
Within a ½ mile radius of	0.00	0	0.00	(
the perimeter of the									
project site.	0.00	0	0.00	C					
Within a ½ mile radius of	0.00	0	0.00						
the perimeter of the									
project site.	0.00	0	0.00	С					
	TOTALS	16,829		712,889.70					
SOD	of Community Surrou	nding the Project	Total of Column 5 Total of Column 3	42.36					
Notes: "Communities with a population of less than 15,000 may use data at the Census Block Group level. Unincorporated communities may use data at the Census Place level.									

- The value in Column 5 is calculated as 42.36, which is rounded down to 42 (for decimal places .4 or less round down and for decimal places of .5 or greater round up.)
- 11. Use the SOD calculated in Table 1 to determine the Required Local Match percent using Table 2.

Table 2. Severity of Disadvantage and Corresponding Local Match Requirement SOD Criteria Required Local Match							
SOD Criteria	Ranges for SOD of Community Surrounding the Project	Req	uired Local Match %				
Option 1: Are	a Median Income (AMI) compared to Statewi	de Medi	an Income (SMI)*				
Data: Census	Fract Level Data from the 2017-2021 America	n Comm	nunity Survey 5-year				
	(ACS5) Estimates						
	> \$67,278	These	50				
If the AMI SOD of	\$63,518 to \$67,278	Inen	37.5				
the surrounding	\$59,757 to \$63,517	local	25				
community is	\$55,996 to \$59,756	match	12.5				
	< \$55,996	IS	0				
	Option 2: CalEnviroScreen 4.0 Score (not po	ercentile)				
	Data: CalEnviroScreen 4.0 Results						
If the	< 40		50				
CalEnviroScreen	40 to 43	Then	37.5				
4.0 SOD of the	44 to 47	local	25				
surrounding	48 to 51	match	12.5				
community is	> 51	IS	0				
Option	3: Percentage of Students that Receive Free or	Reduce	ed Lunches				
	Data: California Department of Education	n website	<u>e</u>				
	< 75	2010/02/02/02 02:0	50				
If the	75 to 79	Then	37.5				
Free/Reduced	80 to 84	local	25				
Lunch SOD	85 to 90	match	12.5				
	> 90	IS	0				
Optio	n 4: Healthy Places Index (HPI) Score (use over	rall HPI so	core only)				
	Data: California Healthy Places Index w	<u>ebsite</u>					
	> 25	There	50				
If the HPI SOD of	21 to 25	Inen	37.5				
the surrounding	16 to 20	local	25				
community is	10 to 15	match	12.5				
	< 10	IS	0				
	Option 5: Tribal Communities						
Date	a: List of Federally Recognized Tribal Governm	ents in C	California				
If the project appli	cant or sub-applicant is a Federally	Then					
Recognized Tribal (Government and the project area is located	the					
within or partially w	vithin Federally Recognized Tribal Lands	local	0				
lands owned by or	held in trust for an Indian tribe allotted	match	×				
lands and/or sensi	tive tribal areas	is					
*0			Ne els Ores es				
*Communities with	a population less than 15,000 may use data (at the C	ensus Block Group				
ievei, unincorporatea communities may use aată ăt the Census Place ievei.							
			\frown				
Enter your	Required Local Match he	ere:	(37.5)				

You have computed the required local match using **Option 2**, **CalEnviroScreen**.

Note, some options may result in a smaller required local match. Applicants may choose to use the option that best represents their community. For more information, please see the section "Underserved Communities" of the Guidelines on the <u>CCLGP website</u>.