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**ATTACHMENT O.**  
**USEPA EJSCREEN REPORT**

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## EJScreen Report (Version 2.11)

1 mile Ring around the Corridor, CALIFORNIA, EPA Region 9

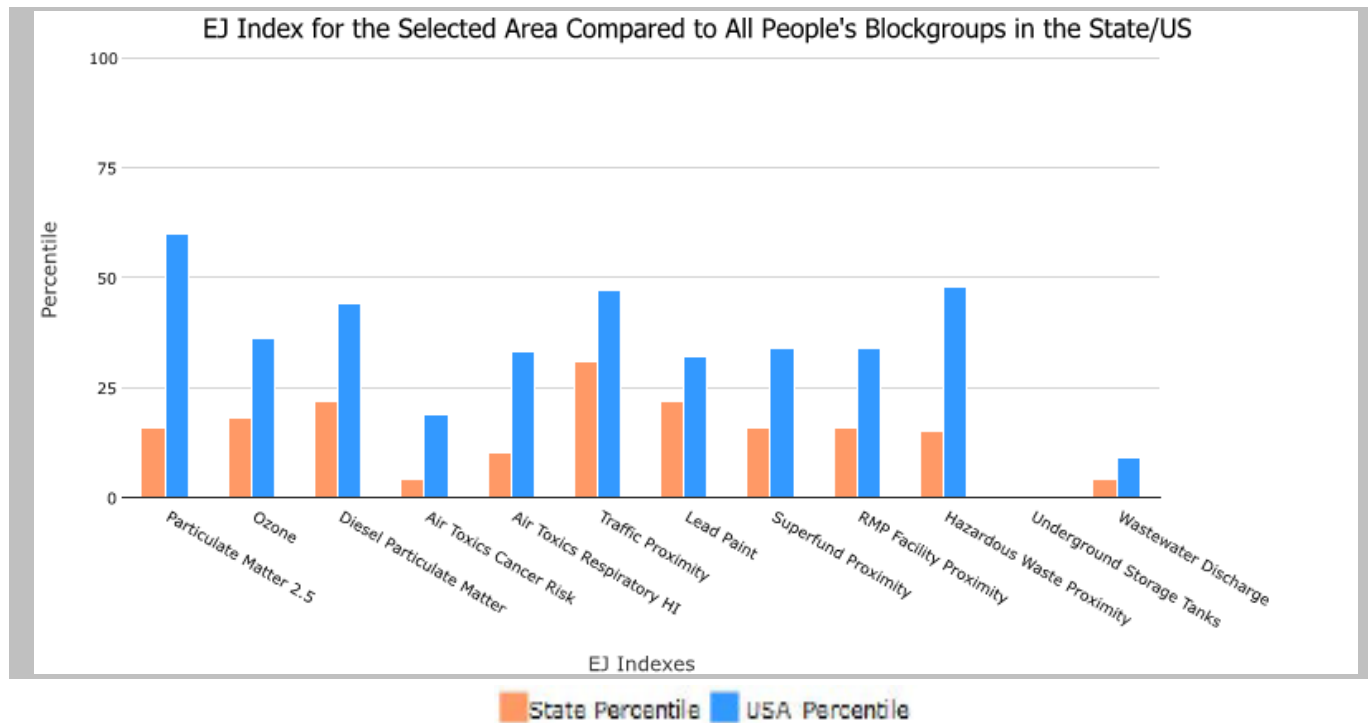
Approximate Population: 11,257

Input Area (sq. miles): 4.84

(The study area contains 1 blockgroup(s) with zero population.)

| Selected Variables                   | State Percentile | USA Percentile |
|--------------------------------------|------------------|----------------|
| <b>Environmental Justice Indexes</b> |                  |                |
| Particulate Matter 2.5 EJ index      | 16               | 60             |
| Ozone EJ index                       | 18               | 36             |
| Diesel Particulate Matter EJ index*  | 22               | 44             |
| Air Toxics Cancer Risk EJ index*     | 4                | 19             |
| Air Toxics Respiratory HI EJ index*  | 10               | 33             |
| Traffic Proximity EJ index           | 31               | 47             |
| Lead Paint EJ index                  | 22               | 32             |
| Superfund Proximity EJ index         | 16               | 34             |
| RMP Facility Proximity EJ index      | 16               | 34             |
| Hazardous Waste Proximity EJ index   | 15               | 48             |
| Underground Storage Tanks EJ index   | 0                | 0              |
| Wastewater Discharge EJ index        | 4                | 9              |

EJ Indexes - The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.



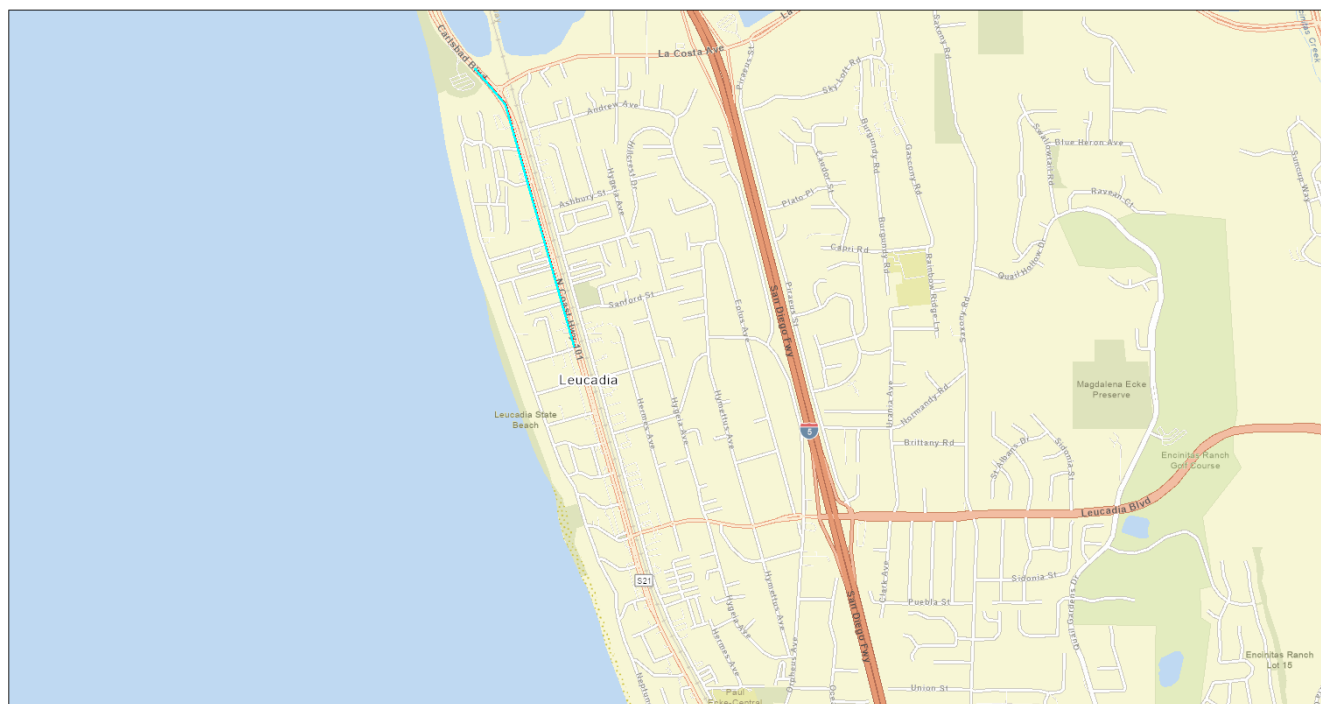
\*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

1 mile Ring around the Corridor, CALIFORNIA, EPA Region 9

Approximate Population: 11,257

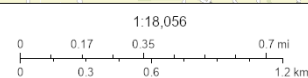
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April 6, 2023

Project 1



1:18,056  
 Esri Community Maps Contributors, SanGIS, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA

| Sites reporting to EPA                                             |   |
|--------------------------------------------------------------------|---|
| Superfund NPL                                                      | 0 |
| Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF) | 0 |

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(The study area contains 1 blockgroup(s) with zero population.)

| Selected Variables                                                | Value   | State Avg. | %ile in State | USA Avg. | %ile in USA |
|-------------------------------------------------------------------|---------|------------|---------------|----------|-------------|
| <b>Pollution and Sources</b>                                      |         |            |               |          |             |
| Particulate Matter 2.5 ( $\mu\text{g}/\text{m}^3$ )               | 10.2    | 11.7       | 23            | 8.67     | 87          |
| Ozone (ppb)                                                       | 41.1    | 47.7       | 28            | 42.5     | 38          |
| Diesel Particulate Matter* ( $\mu\text{g}/\text{m}^3$ )           | 0.245   | 0.33       | 35            | 0.294    | 50-60th     |
| Air Toxics Cancer Risk* (lifetime risk per million)               | 20      | 31         | 17            | 28       | <50th       |
| Air Toxics Respiratory HI*                                        | 0.31    | 0.43       | 30            | 0.36     | 50-60th     |
| Traffic Proximity (daily traffic count/distance to road)          | 1500    | 1400       | 76            | 760      | 87          |
| Lead Paint (% Pre-1960 Housing)                                   | 0.14    | 0.28       | 40            | 0.27     | 40          |
| Superfund Proximity (site count/km distance)                      | 0.039   | 0.17       | 23            | 0.13     | 35          |
| RMP Facility Proximity (facility count/km distance)               | 0.21    | 1.1        | 26            | 0.77     | 39          |
| Hazardous Waste Proximity (facility count/km distance)            | 1.4     | 5.2        | 23            | 2.2      | 62          |
| Underground Storage Tanks (count/km <sup>2</sup> )                | 0       | 1.5        | 0             | 3.9      | 0           |
| Wastewater Discharge (toxicity-weighted concentration/m distance) | 0.00064 | 67         | 30            | 12       | 45          |
| <b>Socioeconomic Indicators</b>                                   |         |            |               |          |             |
| Demographic Index                                                 | 19%     | 44%        | 11            | 35%      | 30          |
| Supplemental Demographic Index                                    | 8%      | 15%        | 21            | 15%      | 22          |
| People of Color                                                   | 22%     | 63%        | 10            | 40%      | 41          |
| Low Income                                                        | 16%     | 29%        | 34            | 30%      | 30          |
| Unemployment Rate                                                 | 2%      | 6%         | 29            | 5%       | 38          |
| Limited English Speaking Households                               | 3%      | 9%         | 38            | 5%       | 66          |
| Less Than High School Education                                   | 6%      | 16%        | 33            | 12%      | 38          |
| Under Age 5                                                       | 5%      | 6%         | 50            | 6%       | 53          |
| Over Age 64                                                       | 15%     | 14%        | 56            | 16%      | 48          |
| Low Life Expectancy                                               | 13%     | 18%        | 11            | 20%      | 5           |

EJScreen is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJScreen outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

1 mile Ring around the Corridor, CALIFORNIA, EPA Region 9

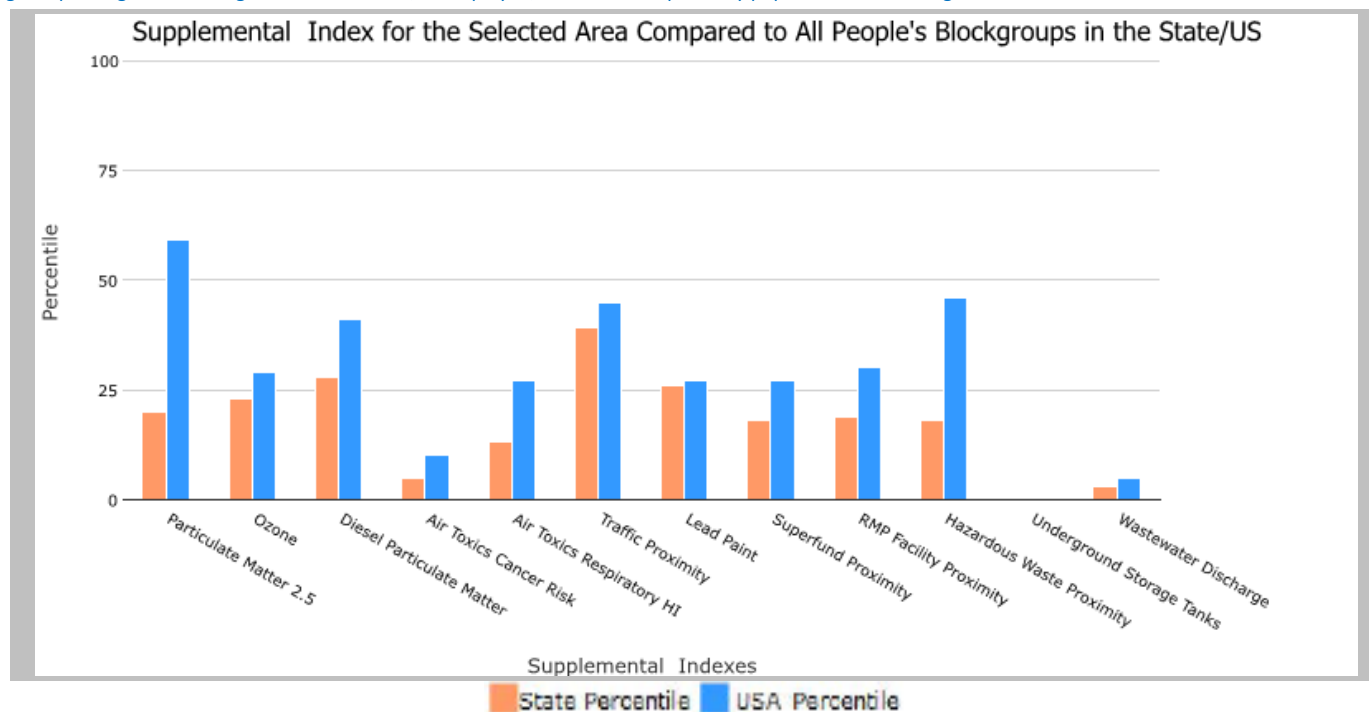
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| Selected Variables                            | State Percentile | USA Percentile |
|-----------------------------------------------|------------------|----------------|
| <b>Supplemental Indexes</b>                   |                  |                |
| Particulate Matter 2.5 Supplemental Index     | 20               | 59             |
| Ozone Supplemental Index                      | 23               | 29             |
| Diesel Particulate Matter Supplemental Index* | 28               | 41             |
| Air Toxics Cancer Risk Supplemental Index*    | 5                | 10             |
| Air Toxics Respiratory HI Supplemental Index* | 13               | 27             |
| Traffic Proximity Supplemental Index          | 39               | 45             |
| Lead Paint Supplemental Index                 | 26               | 27             |
| Superfund Proximity Supplemental Index        | 18               | 27             |
| RMP Facility Proximity Supplemental Index     | 19               | 30             |
| Hazardous Waste Proximity Supplemental Index  | 18               | 46             |
| Underground Storage Tanks Supplemental Index  | 0                | 0              |
| Wastewater Discharge Supplemental Index       | 3                | 5              |

Supplemental Indexes - The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on low-income, limited English speaking, less than high school education, unemployed, and low life expectancy populations with a single environmental indicator.



This report shows the values for environmental and demographic indicators, EJScreen indexes, and supplemental indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. For additional information, see: [www.epa.gov/environmentaljustice](http://www.epa.gov/environmentaljustice).