
Appendix D:

Air Quality Supporting Information

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This screening tool helps to determine whether the daily construction or operational emissions associated with a proposed land use development project with multiple land use types would exceed BAAQMD's average daily thresholds.

Use the drop-down menus to select the land use category and land use type for each type of land use included in the project. Enter the proposed size of each land use based on the default units that are autopopulated in column D.

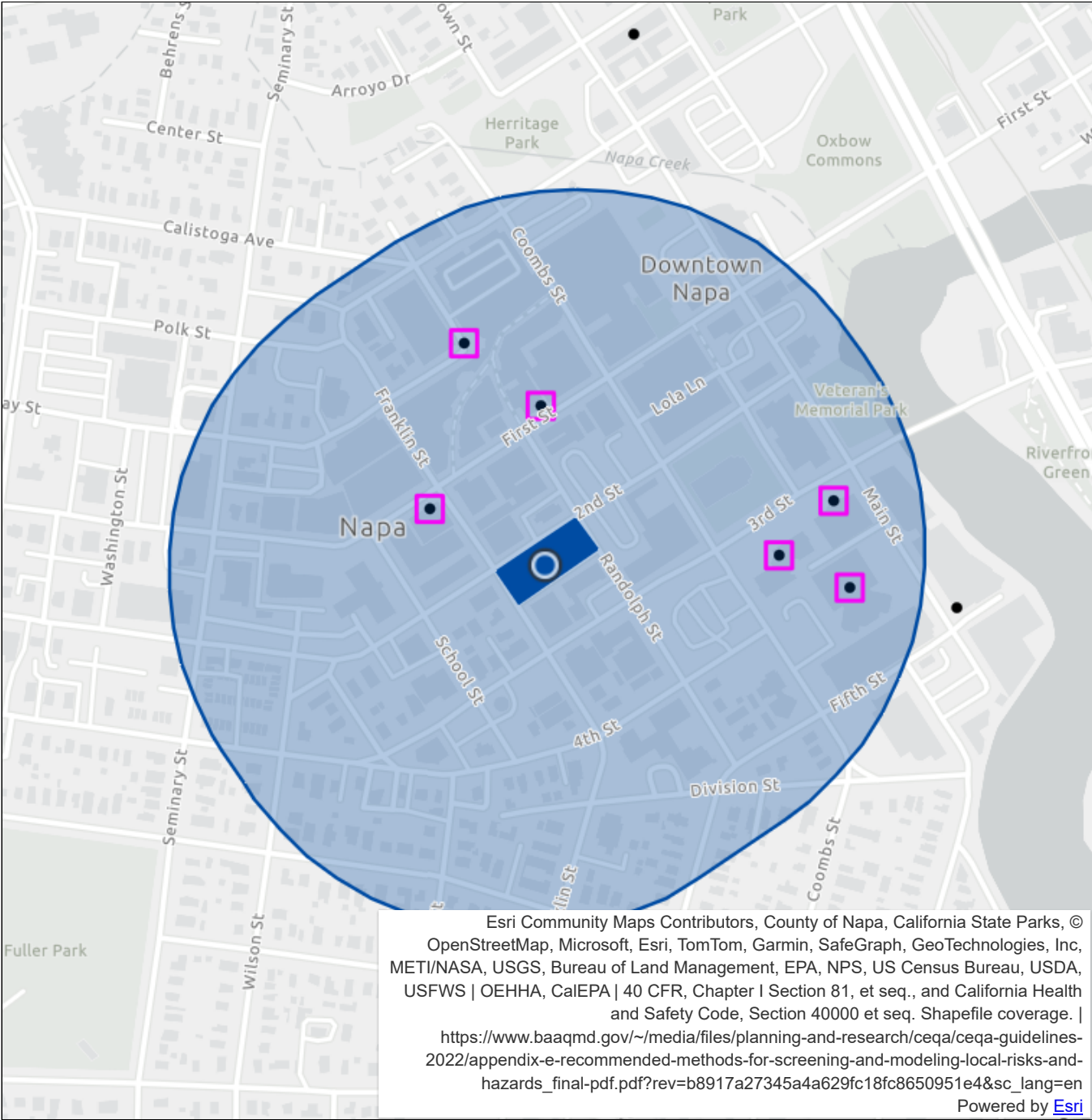
Construction and Operation Screening Tool				
Land Use Category	Land Use Type	Unit	Project Land Use Size	Has Overlapping Construction Phases?
Recreational	Hotel	Rooms	120.0	☐ ☐
Residential	Apartments Mid Rise	DU	40.0	☐
Recreational	High Turnover (Sit Down Restaurant)	KSF	8.7	☐
Recreational	Quality Restaurant	KSF	1.2	☐
Parking	Enclosed Parking w/ Elevator	Spaces	50.0	☐
Recreational	Health Club	KSF	22.3	☐
				☐
				☐
				☐
				☐
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Exceeds Construction Threshold?			NO	
Exceeds Operational Threshold?			NO	
BAAQMD's Recommendation			Further Analysis Not Required	

Bay Area Air District Stationary Source Screening Report

Area of Interest (AOI) Information

Area: 3,991,111.13 ft²

Date: Mon Dec 22 2025 16:48:39 GMT-0800 (Pacific Standard Time)



Permitted Stationary Sources



Bay Area Air District Boundary



Overburdened Communities

Permitted Stationary Sources | Total count: 6

#	OBJECTID	FacilityID	FacilityName
1	3806	19851	Judicial Council of California JCC 28-A1
2	6747	200573	Lodgeworks
3	1446	13993	Napa County Public Works
4	1445	13992	Napa County Public Works
5	3379	18913	Napa Square Owner NY LLC
6	1236	13492	Pacific Bell

#	Address	City	State
1	1111 3rd Street	Napa	CA
2	1230 1ST ST	Napa	CA
3	1195 3rd Street	Napa	CA
4	1125 3rd Street	Napa	CA
5	1401 1st Street	Napa	CA
6	1300 Clay Street	Napa	CA

#	Zip	County	Latitude
1	94559	Napa	38.297473
2	94559	Napa	38.298277
3	94559	Napa	38.297028
4	94559	Napa	38.296752
5	94559	Napa	38.297410
6	94558	Napa	38.298801

#	Longitude	SourceType	NAICS
1	-122.284514	Generator	921190
2	-122.287621	Generator	323113
3	-122.285074	Generator	921190
4	-122.284327	Generator	921190
5	-122.288796	Generator	531120
6	-122.288424	Generator	517111

#	NAICS Sector	NAICS Subsector	NAICS Industry
1	Public Administration	Executive, Legislative, and Other General Government Support	Other General Government Support
2	Manufacturing	Printing and Related Support Activities	Commercial Screen Printing
3	Public Administration	Executive, Legislative, and Other General Government Support	Other General Government Support
4	Public Administration	Executive, Legislative, and Other General Government Support	Other General Government Support
5	Real Estate and Rental and Leasing	Real Estate	Lessors of Nonresidential Buildings (except Miniwarehouses)
6	Information	Telecommunications	Wired Telecommunications Carriers

#	CancerRisk	ChronicHI	PM25	Throughput_Gal/yr
1	3	0.00	0.00	<i>No data</i>
2	0	0.00	0.00	<i>No data</i>
3	3	0.00	0.00	<i>No data</i>
4	0	0.00	0.00	<i>No data</i>
5	1	0.00	0.00	<i>No data</i>
6	7	0.00	0.01	<i>No data</i>

Bay Area Air District - Mobile Source Screening Tool

Receptor Risk Assessment Results

Prepared by: FirstCarbon Solutions

Date of Analysis: 2025-12-22

Raster Files Used (BAAQMD Update Dates):

Road Cancer Risk: raster\cancrsk_onroad_carb_trk_frac.tif (Last Updated: December 8, 2022)

Road Chronic HI: raster\chronhi_onroad_carb_trk_frac.tif (Last Updated: December 8, 2022)

Road PM2.5: raster\PM25_onroad_carb_trk_frac.tif (Last Updated: December 8, 2022)

Rail Cancer Risk: raster\rail_all_cancrsk.tif (Last Updated: August 25, 2025)

Rail Chronic HI: raster\rail_all_chronhi.tif (Last Updated: August 25, 2025)

Rail PM2.5: raster\rail_all_pm25.tif (Last Updated: August 25, 2025)

Results Table:

Receptor ID	UTMX	UTMY	Road Cancer Risk	Road Chronic HI	Road PM2.5	Rail Cancer Risk	Rail Chronic HI	Rail PM2.5
Project	562298	4239004	21.063519	0.043300	0.291856	0.000000	0.000000	0.000000

Data provided by: BAAQMD as raster file (.tif) datasets

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