

# Alvin Newton Apartments Mixed Use Summary Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	Alvin Newton Apartments Mixed Use
Construction Start Date	7/1/2024
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.90
Precipitation (days)	10.0
Location	34.95283241726105, -120.43544423536893
County	Santa Barbara
City	Santa Maria
Air District	Santa Barbara County APCD
Air Basin	South Central Coast
TAZ	3382
EDFZ	6
Electric Utility	Central Coast Community Energy
Gas Utility	Southern California Gas
App Version	2022.1.1.16

## 1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
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Apartments Mid Rise	82.0	Dwelling Unit	0.62	69,575	4,408	0.00	235	Floors 2 through 6 in mixed use building
Strip Mall	5.00	1000sqft	0.00	5,760	0.00	0.00	—	Ground Floor Retail Commercial Podium in mixed use building

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-9	Use Dust Suppressants
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads
Transportation	T-14*	Provide Electric Vehicle Charging Infrastructure
Transportation	T-31-A*	Locate Project in Area with High Destination Accessibility
Transportation	T-34*	Provide Bike Parking
Transportation	T-43*	Provide Real-Time Transit Information
Transportation	T-46*	Improve Transit Access, Safety, and Comfort
Transportation	T-50*	Required Project Contributions to Transportation Infrastructure Improvement
Water	W-5	Design Water-Efficient Landscapes
Waste	S-3*	Require Edible Food Recovery Program Partnerships with Food Generators
Waste	S-4*	Recycle Demolished Construction Material
Area Sources	AS-1	Use Low-VOC Cleaning Supplies

\* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

## 2. Emissions Summary

### 2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.61	1.26	14.1	12.0	0.04	0.57	2.58	3.14	0.51	1.14	1.65	—	3,635	3,635	0.18	0.31	3.82	3,736
Mit.	1.61	1.26	14.1	12.0	0.04	0.57	2.58	3.14	0.51	1.14	1.65	—	3,635	3,635	0.18	0.31	3.82	3,736
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.99	136	6.13	9.62	0.01	0.26	0.42	0.68	0.24	0.10	0.34	—	1,863	1,863	0.09	0.05	0.06	1,881
Mit.	0.99	136	6.13	9.62	0.01	0.26	0.42	0.68	0.24	0.10	0.34	—	1,863	1,863	0.09	0.05	0.06	1,881
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.29	2.11	1.84	2.80	< 0.005	0.08	0.13	0.21	0.07	0.03	0.11	—	548	548	0.03	0.02	0.28	554
Mit.	0.29	2.11	1.84	2.80	< 0.005	0.08	0.13	0.21	0.07	0.03	0.11	—	548	548	0.03	0.02	0.28	554
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.05	0.39	0.34	0.51	< 0.005	0.01	0.02	0.04	0.01	0.01	0.02	—	90.8	90.8	< 0.005	< 0.005	0.05	91.8
Mit.	0.05	0.39	0.34	0.51	< 0.005	0.01	0.02	0.04	0.01	0.01	0.02	—	90.8	90.8	< 0.005	< 0.005	0.05	91.8
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## 2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.22	4.84	1.81	15.3	0.02	0.06	1.44	1.50	0.06	0.37	0.42	42.5	2,394	2,436	3.83	0.13	6.93	2,578
Mit.	3.22	4.72	1.81	15.3	0.02	0.06	1.44	1.50	0.06	0.37	0.42	42.5	2,394	2,436	3.83	0.13	6.93	2,578
% Reduced	—	2%	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	—	—	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.76	4.40	1.89	11.6	0.02	0.06	1.44	1.50	0.06	0.37	0.42	42.5	2,357	2,400	3.85	0.14	0.70	2,538
Mit.	2.76	4.28	1.89	11.6	0.02	0.06	1.44	1.50	0.06	0.37	0.42	42.5	2,357	2,400	3.85	0.14	0.70	2,538
% Reduced	—	3%	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	—	—	—	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.79	4.42	1.80	12.7	0.02	0.06	1.34	1.40	0.06	0.34	0.40	42.5	2,255	2,298	3.83	0.13	3.12	2,435
Mit.	2.79	4.30	1.80	12.7	0.02	0.06	1.34	1.40	0.06	0.34	0.40	42.5	2,255	2,298	3.83	0.13	3.12	2,435
% Reduced	—	3%	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	—	—	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.51	0.81	0.33	2.32	< 0.005	0.01	0.24	0.25	0.01	0.06	0.07	7.04	373	380	0.63	0.02	0.52	403
Mit.	0.51	0.79	0.33	2.32	< 0.005	0.01	0.24	0.25	0.01	0.06	0.07	7.04	373	380	0.63	0.02	0.52	403
% Reduced	—	3%	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	—	—	< 0.5%

## 6. Climate Risk Detailed Report

## 6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

## 6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	2	1
Flooding	N/A	N/A	N/A	N/A
Drought	1	1	2	1
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

## 7. Health and Equity Details

### 7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	67.0
Healthy Places Index Score for Project Location (b)	23.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

### 7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.