APPENDIX D

GREENHOUSE GAS SCREENING EVALUATION

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August 21, 2023

Mr. Travis McGill
ELMT Consulting, Inc.
2201 N Grand Ave, Ste #10098
Santa Ana, CA 92711

Subject:
7886 Shafter Self Storage – Focused Greenhouse Gas Consistency Evaluation, County of San Bernardino, CA

Dear Mr. McGill:

MD Acoustics, LLC (MD) has completed a focused Greenhouse Gas Consistency Evaluation for the proposed 7886 Shafter Self Storage Project located in the County of San Bernardino, CA. The purpose of this focused study is to evaluate the greenhouse gas construction and operational emissions generated by the proposed project and to compare the project emissions to the County's thresholds of significance as it relates to commercial uses and consistency to the County's Greenhouse Gas Emission Reduction Plan. A list of definitions and terminology is located in Appendix A.

1.0 Project Description

The Project Site covers approximately 2.08 acres and includes construction of 163 self-storage units totaling 25,440 square feet of storage area. The Project would include a total of 65,379 square feet of paved road area. The proposed project site plan is in Appendix B.

2.0 AQ/GHG Thresholds of Significance

2.1 GHG Significance Thresholds

The project emissions were compared to the County of San Bernardino's 3,000 $MTCO_2e$ screening threshold for all land uses[1].

3.0 Evaluation Procedure/Methodology

MD utilized the latest version of CalEEMod (2022.1.1.17) to calculate both the construction and operational emissions from the project site[2]. Project construction is modeled to commence no earlier than October 2023 and be completed by January 2024. Construction assumes site preparation, grading, building construction, paving, and architectural coating. CalEEmod defaults were utilized. Assumptions and output calculations are provided in Appendix C.

4.0 Findings

The following outlines the emissions for the project:

[1] https://www.sbcounty.gov/Uploads/lus/GreenhouseGas/FinalGHGUpdate.pdf
[2] https://www.caleemod.com/

4.1 GHG Emissions

Table 1 outlines the construction and operational GHG emissions for the project. The project's emissions are below (127.79 $MTCO_2e$) the County of San Bernardino's screening threshold of 3,000 $MTCO_2e$ for all land uses and; therefore, the impact is less than significant.

Table 1: Opening Year Project-Related Greenhouse Gas Emissions

Category	Greenhouse Gas Emissions (Metric Tons/Year)[1]						
	Bio-CO2	**NonBio-CO_2**	**CO_2**	**CH_4**	**N_2O**	**R**	**CO_2e**
Area Sources[2]	0.00	0.37	0.37	0.00	0.00	0.00	0.37
Energy Usage[3]	0.00	67.84	67.84	0.00	0.00	0.00	68.07
Mobile Sources[4]	0.00	32.56	32.56	0.00	0.00	0.06	33.14
Solid Waste[6]	2.13	0.00	2.13	0.21	0.00	0.00	7.47
Water[7]	1.87	8.65	10.51	0.19	0.00	0.00	16.68
Construction[8]	0.00	2.05	2.05	0.00	0.00	0.00	2.06
Total Emissions	4.00	111.46	115.46	0.41	0.01	0.06	**127.79**
County of San Bernardino Screening Threshold							**3,000**
Exceeds Threshold?							**No**

Notes:
[1] Source: CalEEMod Version 2022.1.1.17
[2] Area sources consist of GHG emissions from consumer products, architectural coatings, and landscape equipment.
[3] Energy usage consist of GHG emissions from electricity and natural gas usage.
[4] Mobile sources consist of GHG emissions from vehicles.
[5] Solid waste includes the CO_2 and CH_4 emissions created from the solid waste placed in landfills.
[6] Water includes GHG emissions from electricity used for transport of water and processing of wastewater.
[7] Construction GHG emissions based on a 30-year amortization rate.

4.2 Consistency with Applicable Plans

Consistency with the County's Greenhouse Gas Emissions Reduction Plan

The proposed Project would have the potential to conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases.

According to the *County of San Bernardino Greenhouse Gas Emissions Reduction Plan*, "all development projects, including those otherwise determined to be exempt from CEQA will be subject to applicable Development Code provisions, including the GHG performance standards, and state requirements, such as the California Building Code requirements for energy efficiency. With the application of the GHG performance standards, projects that are exempt from CEQA and small projects that do not exceed 3,000 MTCO2e per year will be considered to be consistent with the Plan and determined to have a less than significant individual and cumulative impact for GHG emissions." The Project's operational GHG emissions do not exceed the County's screening threshold of 3,000 MTCO2e per year. Therefore, the proposed Project is consistent with the GHG Plan pursuant to Section 15183.5 of the State CEQA Guidelines. The Project will not result in substantial emissions of greenhouse gases and will not conflict with the County of San Bernardino CAP or the goals of AB-32 or SB-32.

5.0 Conclusions

Project GHG emissions were evaluated and compared to County of San Bernardino's screening threshold of 3,000 MTCO2e per year for all land uses. Project emissions are anticipated to be below the County's thresholds of significance with no mitigation. Therefore, the impact is less than significant.

MD is pleased to provide this focused Greenhouse Gas, Consistency Evaluation. If you have any questions regarding this analysis, please don't hesitate to call us at (805) 426-4477.

Sincerely,
MD Acoustics, LLC

Tyler Klassen, EIT
Air Quality Specialist

Appendix A

Glossary of Terms

AQMP	Air Quality Management Plan
CAAQS	California Ambient Air Quality Standards
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CFCs	Chlorofluorocarbons
CH_4	Methane
CNG	Compressed natural gas
CO	Carbon monoxide
CO_2	Carbon dioxide
CO_2e	Carbon dioxide equivalent
DPM	Diesel particulate matter
GHG	Greenhouse gas
HFCs	Hydrofluorocarbons
LST	Localized Significant Thresholds
$MTCO_2e$	Metric tons of carbon dioxide equivalent
$MMTCO_2e$	Million metric tons of carbon dioxide equivalent
NAAQS	National Ambient Air Quality Standards
NOx	Nitrogen Oxides
NO_2	Nitrogen dioxide
N_2O	Nitrous oxide
O_3	Ozone
PFCs	Perfluorocarbons
PM	Particle matter
PM10	Particles that are less than 10 micrometers in diameter
PM2.5	Particles that are less than 2.5 micrometers in diameter
PMI	Point of maximum impact
PPM	Parts per million
PPB	Parts per billion
RTIP	Regional Transportation Improvement Plan
RTP	Regional Transportation Plan
SCAB	South Coast Air Basin
SCAQMD	South Coast Air Quality Management District
SF_6	Sulfur hexafluoride
SIP	State Implementation Plan
SOx	Sulfur Oxides
SRA	Source/Receptor Area
TAC	Toxic air contaminants
VOC	Volatile organic compounds
WRCC	Western Regional Climate Center

Appendix B

Site Plan

SAN BERNADINO COUNTY SEDIMENT AND EROSION CONTROL NOTES

Grading Notes:

1. All grading shall conform to the latest California Building Code (CBC) Chapters 17, 18,Appendix-J and all applicable sections.
2. A grading permit shall be obtained prior to commencement of any work on the site.
3. Issuance of a grading permit does not eliminate the need for permits from other regulatory agencies with regulatory responsibilities for construction activities associated with the work authorized in this plan.
4. All work under this permit shall be limited to work within the property lines. A separate construction, excavation or encroachment permit from the Department of Public Works may be required for any work within the County right-of-way.
5. Approval of these plans does not authorize any work or grading to be performed until the effective propertyowner's permission has been obtained and valid grading permit has been issued.
6. This plan is for grading purposes only and is not to be used for the purpose of constructing onsite or offsite improvements. Issuance of a permit based on this plan does not constitute approval of driveway locations or sizes, parking lot structural sections or layout, ADA related requirements, building locations or foundations, walls, curbing, offsite drainage facilities or other items not related directly to the basic grading operation. Onsite improvements shall be constructed in accordance to the approved building permit plans. Offsite improvements shall be constructed in accordance to plans approved for this purpose by the Public Works Department.
7. Maximum cut and fill slope = 2:1 (horizontal to vertical) and maximum vertical height = 30 feet, unless an approved geotechnical report can justify a steeper and taller slope.
8. No fill shall be placed on existing ground until the ground has been cleared of weeds, debris, topsoil and other deleterious material.
9. Fill slopes shall not have less than 90% relative compaction, or as recommended on the approved geotechnical report.
10. It is the grading contractor's responsibility to ensure that adequate compaction has been attained on the entire grading site, including fill areas outside the building pads and on all fill slopes.
11. Unless otherwise recommended in an approved geotechnical report, over-excavation shall be at least 24 inches minimum below the bottom of footings or to competent native soil or bedrock materials, whichever is deeper, as approved by the project's geotechnical engineer or geologist.
12. Earthwork Volumes:

    Cut 0 CY , Fill 0 CY Total Disturbed Area 90,777 (sf)
13. Earthwork quantities are shown for grading permit purposes only, and San Bernardino County is not responsible for their accuracy.
14. A copy of the grading permit and approved grading plans must be in the possession of a responsible person and available at the site at all times.
15. Any onsite retaining walls shown on the grading plans that are over 4 ' in height, measured from top of wall to bottom of footing, are for reference only. Retaining walls over 4 ' in height are not checked, permitted, or inspected per the grading permit. A separate retaining wall permit is required for all retaining walls over 4 ' in height.
16. Any walls, fences, structures and/or appurtenances adjacent to this project are to be protected in place. If grading operations damage or adversely affect said items in any way, the contractor and/or developer is responsible for working out an acceptable solution to the satisfaction of the affected property owner(s).
17. For sites with protected species or trees, the proposed grading may be subject to a s[illegible]
18. Adequate fire access around buildings (including garages) should be provided as appr[illegible]
19. Existing drainage courses shall not be obstructed, altered, or diverted without prior approval from the County of San Bernardino, Land Development Division. A streambed alteration agreement may also be required from the California Department of Fish and Wildlife.
20. Drainage easements shall not be obstructed, altered or diverted without prior approval of the County of San Bernardino, Land Development Division.
21. Setbacks and building locations shown on this plan are for reference only and must be reviewed and approved under a separate building permit.
22. Utility and septic improvements shown on this plan are for reference only and must be reviewed and approved under a separate building permit.
23. On projects disturbing one acres or more, the following note must be added: A Notice of Intent (NOI) has been, or will be filed with the State Water Resources Control Board (SWRCB) and a Storm Water Pollution Prevention Plan (SWPPP) has been or will be prepared in accordance with the requirements of California General Permit for storm water discharges associated with construction activity (Permit No. CAS000002) for all operations associated with these plans. The permittee shall keep a copy of the SWPPP on site and available for review by County.
24. In conjunction with the California General Permit for proposed disturbance over one acre, an active Wastewater Discharge ID # **(WDID)** must be included on the final grading plan.
25. For engineered grading, a final grading certification will be collected by the building inspector at the final building inspection or prior a grading final status on the permit. The f inal grading certification is to be completed by the Engineer of Record on the approved grading plans.
26. All flood zone requirements must be reflected or accounted for on the grading plans. Elevations or construction notes must be included in the plans to ensure compliance with all applicable first floor elevation requirements per FEMA and San Bernardino County Development Code guidelines.
27. For nonresidential projects, provide following note on plans:
    California Green Building Standards Code
    5.408.3 Excavated soil and land clearing debris.
    100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed.
    Exception: Reuse, either on-or off-site, of vegetation or soil contaminated by disease or pest infestation.

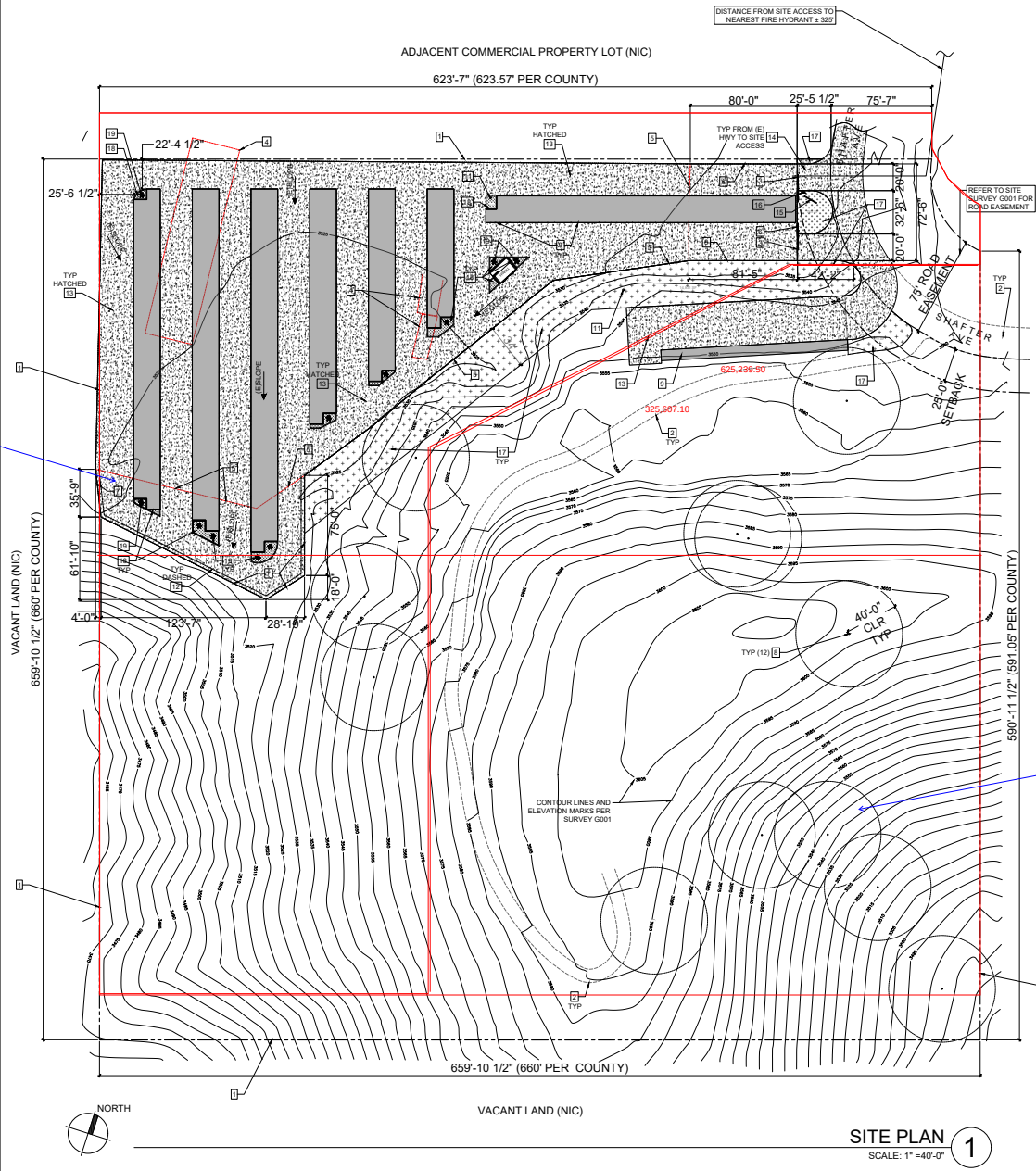
    Notes:
    1. If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material. (HYPERLINK "http://www.cdfa.ca.gov/exec/county/county_contacts.html" www.cdfa.ca.gov/exec/county/county_contacts.html)
    2. For a map of known pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdfa.ca.gov)

Erosion Control Notes:

1. In case of emergency, call (Responsible Person) at (24-Hour telephone).
2. Pollution and erosion prevention measures, also known as Best Management Practices (BMPs), must be installed prior to grading. These measures, including the prevention of sedimentation or flood damage, to offsite property shall be adequate whether or not an erosion control permit is required.
3. Eroded sediments and other pollutants must be retained onsite and may not be transported from the site via sheet flow, swales, area drains, natural drainage courses, or wind.
4. Erosion Control devices shall be functioning at all times. In case of failure, rapid construction of emergency devices shall be implemented.
5. Stockpiles of earth and other construction-related materials must be protected from being transported from the site by the forces of wind or water.
6. Fuels, oils, solvents, and other toxic materials must be stored in accordance with their listing and are not to contaminate the soils and surface waters. All approved storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed of in a proper manner. Spills may not be washed into the drainage system.
7. Excess or waste concrete must be contained onsite. Provisions shall be made to retain concrete wastes onsite until they can be disposed of as solid waste.
8. Developers/contractors are responsible to ensure all Erosion Control Devices and BMPs are installed and functioning properly per plan. Proper precaution shall be considered when 50% or greater probability of predicted precipitation, and after actual precipitation. A construction site inspection checklist and inspection log shall be maintained at the project site at all times and available for review by the Building Official.
9. Trash and construction-related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and dispersal by wind.
10. Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadways must be stabilized so as to inhibit sediments from being deposited into the public way. Accidental depositions must be swept up immediately and may not be washed down by rain or other means.
11. Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.
12. All silt and debris shall be removed from all devices within 24 hours after each rainstorm and be disposed of properly.
13. All storm water capture devices shall be protected at all times.

Note: Additional requirements may be applicable, as determined by the Building Official.

: 135 CY
D AREA



SITE PLAN

SCALE: 1" =40'-0"

1

SITE PLAN NOTES:

1. SEE BOUNDARY SURVEY AND TOPOGRAPHICAL MAP FOR MORE INFORMATION ON SHEET G001
2. REFER TO SHEET A002 FOR CONTAINER LAYOUT AND DRIVE AISLE / TEMPORARY PARKING LANE LAYOUTS
3. REFER TO SHEET A003 FOR FIRE ACCESS LAYOUT AND CLEARANCE INFORMATION

LEGAL INFO:

SITE ADDRESS:	7886 SHAFTER AVE YUCCA VALLEY, CA 92284
ASSESSOR'S PARCEL #:	0585-273-04
LEGAL DESCRIPTION:	PER 10/A000
LOT SIZE:	9.46 AC (412,077 SQ. FT.)
ZONE:	MV/IC
ZONING JURISDICTION:	COUNTY OF SB
FLOOD PLAIN SAFETY ZONE (FP):	NO (PER F129-B)
FIRE SAFETY ZONE (FS):	YES (FS1 PER F129-B)

REQUIRED SETBACKS:

FRONTYARD SETBACK:	25'-5-1/2"	(> 25'-0")	OK
SIDEYARD SETBACK:	22'-4"	(> 10'-0")	OK
REARYARD SETBACK:	25'-6"	(>10'-0")	OK

LOT AREAS / COVERAGE:

LOT AREA:	412,077 SF	
BLDG AREA:	28,960 SF	
PAVED ROAD AREA:	72,300 SF	
TOTAL DEVELOPMENT AREA:	101,260 SF	
LOT COVERAGE:	24.6% < 80% ------	OK
NATURAL LANDSCAPE AREA:	305,008 SF	
NEW PLANTER AREA:	940 SF	
NEW LANDSCAPE AREA:	16,410 SF	
LANDSCAPING MINIMUM (15%):	0.15 * 101,260 = 15,189 SF	
PROPOSED LANDSCAPING:	16,410 / 101,260 = 16.2% > 15%	

SITE PLAN KEY NOTES:

1. (E) PROPERTY LINE
2. (E) GRAVEL / DIRT ROAD
3. (N) 20' MANUAL CHAINLINK FENCE WITH COMBINATION KEYPAD FOR ENTRY
4. DEMO (E) CONC. SLAB
5. DEMO (E) CHAINLINK FENCE
6. (N) CHAINLINK FENCE, SEE CONTAINER LAYOUT FOR SPECIFIC DIMENSIONS (±234' LENGTH)
7. (N) CHAINLINK FENCE, SEE CONTAINER LAYOUT FOR SPECIFIC DIMENSIONS (±283' LENGTH) DURING
8. (E) JOSHUA TREE, PROTECTED WITHIN 40' RADIUS CIRCLE AROUND EACH TREE
9. OUTLINE OF ISO SHIPPING CONTAINER SELF-STORAGE UNITS.. SEE CONTAINER LAYOUT A002 FOR QUANTITY, SPACING AND ALL DRIVE / PARKING REQUIREMENTS
10. TRASH ENCLOSURE PER COUNTY STANDARDS, SEE CONTAINER LAYOUT A002 FOR SPECIFIC POSITION, AND SHEET G002 FOR CONSTRUCTION INFO
11. (E) ELEC. POWER POLE, DO NOT DISTURB
12. CONTRACTOR TO INSTALL FIBER ROLLS PER SAN BERNARDINO COUNTY BEST MANAGEMENT PRACTICES HANDOUT SE-5 ALONG AT-RISK DOWN-SLOPE FENCELINE TO KEEP SEDIMENT FROM REACHING STEEPER PORTIONS OF EXISTING LAND AND LEAVING THE SITE
13. RESURFACE AREA AROUND CONTAINERS AND COMPACT PER GRADING [illegible] CT PAVED SURFACE WITH HOT M[illegible] TRANS HIGHWAY DESIGN MANUAL. SEE DIMENSIONS ON A002 CONTAINER LAYOUT
14. RE-PAVE PORTIONS OF (E) ROADWAY WITH HOT MIX ASPHALT (HMA) PER CALTRANS HIGHWAY DESIGN MANUAL. PROVIDE 26' MIN WIDTH AT ALL TIMES
15. BUSINESS SIGN: PRIOR TO COMMENCING OPERATION, BUSINESS SHALL HAVE THE STREET ADDRESS INSTALLED ON THE ENTRY FENCE WITH NUMBERS THAT ARE A MINIMUM 6" IN HEIGHT W/ A 3/4" STROKE WIDTH. THE SITE ADDRESS SHALL BE VISIBLE FROM THE STREET
16. ACCESS WILL BE GOVERNED BY A SELF-SERVE KIOSK AT THE ENTRANCE, WITH EACH STORAGE UNIT ASSIGNED AN ENTRY CODE FOR ACCESS. THE ENTRY CODE WILL ONLY WORK DURING THE HOURS OF OPERATION
17. DROUGHT TOLERANT PLANTING / LANDSCAPING CONSISTING OF NATIVE PLANT MATERIALS AND ROCKS, SUCH AS SHRUBS, GROUNDCOVERS, SUCCULENTS AND TREES. DO NOT DISTRURB PROTECTED JOSHUA TREE SPECIES IN EXISTING LOCATIONS SPECIFIED FOR PLANTING / LANDSCAPING
18. DROUGHT TOLERANT PLANTER, WITH 6" CONCRETE CURB AT PERIMETER
19. DROUGHT TOLERANT TREE(S). PROVIDE A MINIMUM OF (10) SPACED PER PLAN. PROVIDE 15-GALLON CONTAINER STOCK WITH A CALIPER SIZE AT TIME OF PLANING THAT IS A REALTHY EXAMPLE OF THE SPECIFIED TREE VARIETY AND NO LESS THAN 3/4" IN DIAMETER

REVISION	DATE

DISCLAIMER:

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STAMP:

REGISTERED PROFESSIONAL ENGINEER — JOHN P. RAMBERG — No. C-86797 — STATE OF CALIFORNIA — CIVIL

RambergWest
DESIGN AND ENGINEERING
53 SANSOVINO,
LADERA RANCH, CA 92694
253-640-6222

1ST SUBMITTAL
BLDG. DEPARTMENT
01-11-2023

ISO SELF-STORAGE
7886 SHAFTER AVE
YUCCA VALLEY, CA
92284

JOB:	2206
DATE:	01-11-2023
DRAWN:	ER
SCALE:	1" = 20'-0"
SHEET:	SITE PLAN
	A001
PAGE:	2 OF 10

Appendix C
CalEEMod Output

7886 Shafter Self Storage Facility Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	7886 Shafter Self Storage Facility
Construction Start Date	10/1/2023
Operational Year	2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.30
Precipitation (days)	3.00
Location	7886 Shafter Ave, Yucca Valley, CA 92284, USA
County	San Bernardino-Mojave Desert
City	Unincorporated
Air District	Mojave Desert AQMD
Air Basin	Mojave Desert
TAZ	5145
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.17

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

Unrefrigerated Warehouse-No Rail	25.4	1000sqft	0.58	25,440	0.00	—	—	—
Parking Lot	65.4	1000sqft	1.50	0.00	20,838	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-10-A	Water Exposed Surfaces
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads

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.	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—
Unmit.	—	2,817	2,817	0.12	0.06	0.05	2,827
Mit.	—	2,817	2,817	0.12	0.06	0.05	2,827
% Reduced	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—
Unmit.	—	371	371	0.01	0.01	0.08	373
Mit.	—	371	371	0.01	0.01	0.08	373
% Reduced	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—
Unmit.	—	61.4	61.4	< 0.005	< 0.005	0.01	61.8
Mit.	—	61.4	61.4	< 0.005	< 0.005	0.01	61.8
% Reduced	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—
Daily - Winter (Max)	—	—	—	—	—	—	—
2023	—	2,817	2,817	0.12	0.06	0.05	2,827
2024	—	162	162	0.01	< 0.005	< 0.005	163
Average Daily	—	—	—	—	—	—	—
2023	—	371	371	0.01	0.01	0.08	373
2024	—	0.32	0.32	< 0.005	< 0.005	< 0.005	0.32
Annual	—	—	—	—	—	—	—
2023	—	61.4	61.4	< 0.005	< 0.005	0.01	61.8
2024	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.05

2.3. Construction Emissions by Year, Mitigated

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

Year	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—
Daily - Winter (Max)	—	—	—	—	—	—	—
2023	—	2,817	2,817	0.12	0.06	0.05	2,827
2024	—	162	162	0.01	< 0.005	< 0.005	163
Average Daily	—	—	—	—	—	—	—
2023	—	371	371	0.01	0.01	0.08	373
2024	—	0.32	0.32	< 0.005	< 0.005	< 0.005	0.32
Annual	—	—	—	—	—	—	—
2023	—	61.4	61.4	< 0.005	< 0.005	0.01	61.8

2024	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.05

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.	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unmit.	24.2	678	702	2.48	0.04	0.84	776
Daily, Winter (Max)	—	—	—	—	—	—	—
Unmit.	24.2	654	679	2.49	0.04	0.02	752
Average Daily (Max)	—	—	—	—	—	—	—
Unmit.	24.2	661	685	2.49	0.04	0.36	759
Annual (Max)	—	—	—	—	—	—	—
Unmit.	4.00	109	113	0.41	0.01	0.06	126

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Mobile	—	211	211	0.01	0.01	0.84	215
Area	—	4.55	4.55	< 0.005	< 0.005	—	4.57
Energy	—	410	410	0.03	< 0.005	—	411
Water	11.3	52.2	63.5	1.16	0.03	—	101
Waste	12.9	0.00	12.9	1.29	0.00	—	45.1
Total	24.2	678	702	2.48	0.04	0.84	776
Daily, Winter (Max)	—	—	—	—	—	—	—
Mobile	—	192	192	0.01	0.01	0.02	196
Area	—	—	—	—	—	—	—

Energy	—	410	410	0.03	< 0.005	—	411
Water	11.3	52.2	63.5	1.16	0.03	—	101
Waste	12.9	0.00	12.9	1.29	0.00	—	45.1
Total	24.2	654	679	2.49	0.04	0.02	752
Average Daily	—	—	—	—	—	—	—
Mobile	—	197	197	0.01	0.01	0.36	200
Area	—	2.24	2.24	< 0.005	< 0.005	—	2.25
Energy	—	410	410	0.03	< 0.005	—	411
Water	11.3	52.2	63.5	1.16	0.03	—	101
Waste	12.9	0.00	12.9	1.29	0.00	—	45.1
Total	24.2	661	685	2.49	0.04	0.36	759
Annual	—	—	—	—	—	—	—
Mobile	—	32.6	32.6	< 0.005	< 0.005	0.06	33.1
Area	—	0.37	0.37	< 0.005	< 0.005	—	0.37
Energy	—	67.8	67.8	< 0.005	< 0.005	—	68.1
Water	1.87	8.65	10.5	0.19	< 0.005	—	16.7
Waste	2.13	0.00	2.13	0.21	0.00	—	7.47
Total	4.00	109	113	0.41	0.01	0.06	126

2.6. Operations Emissions by Sector, Mitigated

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

Sector	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Mobile	—	211	211	0.01	0.01	0.84	215
Area	—	4.55	4.55	< 0.005	< 0.005	—	4.57
Energy	—	410	410	0.03	< 0.005	—	411
Water	11.3	52.2	63.5	1.16	0.03	—	101

Waste	12.9	0.00	12.9	1.29	0.00	—	45.1
Total	24.2	678	702	2.48	0.04	0.84	776
Daily, Winter (Max)	—	—	—	—	—	—	—
Mobile	—	192	192	0.01	0.01	0.02	196
Area	—	—	—	—	—	—	—
Energy	—	410	410	0.03	< 0.005	—	411
Water	11.3	52.2	63.5	1.16	0.03	—	101
Waste	12.9	0.00	12.9	1.29	0.00	—	45.1
Total	24.2	654	679	2.49	0.04	0.02	752
Average Daily	—	—	—	—	—	—	—
Mobile	—	197	197	0.01	0.01	0.36	200
Area	—	2.24	2.24	< 0.005	< 0.005	—	2.25
Energy	—	410	410	0.03	< 0.005	—	411
Water	11.3	52.2	63.5	1.16	0.03	—	101
Waste	12.9	0.00	12.9	1.29	0.00	—	45.1
Total	24.2	661	685	2.49	0.04	0.36	759
Annual	—	—	—	—	—	—	—
Mobile	—	32.6	32.6	< 0.005	< 0.005	0.06	33.1
Area	—	0.37	0.37	< 0.005	< 0.005	—	0.37
Energy	—	67.8	67.8	< 0.005	< 0.005	—	68.1
Water	1.87	8.65	10.5	0.19	< 0.005	—	16.7
Waste	2.13	0.00	2.13	0.21	0.00	—	7.47
Total	4.00	109	113	0.41	0.01	0.06	126

3. Construction Emissions Details

3.1. Site Preparation (2023) - Unmitigated

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

Location	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	—	2,716	2,716	0.11	0.02	—	2,725
Dust From Material Movement	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	—	22.3	22.3	< 0.005	< 0.005	—	22.4
Dust From Material Movement	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Off-Road Equipment	—	3.70	3.70	< 0.005	< 0.005	—	3.71
Dust From Material Movement	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	—	101	101	< 0.005	< 0.005	0.01	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Worker	—	0.85	0.85	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—

Annual	—	—	—	—	—	—	—
Worker	—	0.14	0.14	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—

3.2. Site Preparation (2023) - Mitigated

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

Location	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	—	2,716	2,716	0.11	0.02	—	2,725
Dust From Material Movement	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	—	22.3	22.3	< 0.005	< 0.005	—	22.4
Dust From Material Movement	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Off-Road Equipment	—	3.70	3.70	< 0.005	< 0.005	—	3.71
Dust From Material Movement	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—

Worker	—	101	101	< 0.005	< 0.005	0.01	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Worker	—	0.85	0.85	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Worker	—	0.14	0.14	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—

3.3. Grading (2023) - Unmitigated

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

Location	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	—	2,453	2,453	0.10	0.02	—	2,462
Dust From Material Movement	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	—	40.3	40.3	< 0.005	< 0.005	—	40.5
Dust From Material Movement	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—

Off-Road Equipment	—	6.68	6.68	< 0.005	< 0.005	—	6.70
Dust From Material Movement	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	—	135	135	0.01	< 0.005	0.02	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Worker	—	2.28	2.28	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Worker	—	0.38	0.38	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—

3.4. Grading (2023) - Mitigated

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

Location	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	—	2,453	2,453	0.10	0.02	—	2,462
Dust From Material Movement	—	—	—	—	—	—	—

Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	—	40.3	40.3	< 0.005	< 0.005	—	40.5
Dust From Material Movement	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Off-Road Equipment	—	6.68	6.68	< 0.005	< 0.005	—	6.70
Dust From Material Movement	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	—	135	135	0.01	< 0.005	0.02	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Worker	—	2.28	2.28	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Worker	—	0.38	0.38	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—

3.5. Building Construction (2023) - Unmitigated

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

Location	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	—	2,201	2,201	0.09	0.02	—	2,209
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	—	223	223	0.01	< 0.005	—	224
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Off-Road Equipment	—	36.9	36.9	< 0.005	< 0.005	—	37.1
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	—	144	144	0.01	0.01	0.02	—
Vendor	—	138	138	< 0.005	0.02	0.01	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Worker	—	15.0	15.0	< 0.005	< 0.005	0.03	—
Vendor	—	13.9	13.9	< 0.005	< 0.005	0.02	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Worker	—	2.48	2.48	< 0.005	< 0.005	< 0.005	—
Vendor	—	2.31	2.31	< 0.005	< 0.005	< 0.005	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—

3.6. Building Construction (2023) - Mitigated

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

Location	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	—	2,201	2,201	0.09	0.02	—	2,209
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	—	223	223	0.01	< 0.005	—	224
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Off-Road Equipment	—	36.9	36.9	< 0.005	< 0.005	—	37.1
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	—	144	144	0.01	0.01	0.02	—
Vendor	—	138	138	< 0.005	0.02	0.01	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Worker	—	15.0	15.0	< 0.005	< 0.005	0.03	—
Vendor	—	13.9	13.9	< 0.005	< 0.005	0.02	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Worker	—	2.48	2.48	< 0.005	< 0.005	< 0.005	—
Vendor	—	2.31	2.31	< 0.005	< 0.005	< 0.005	—

Hauling	—	0.00	0.00	0.00	0.00	0.00	—

3.7. Paving (2023) - Unmitigated

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

Location	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	—	1,244	1,244	0.05	0.01	—	1,248
Paving	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	—	34.1	34.1	< 0.005	< 0.005	—	34.2
Paving	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Off-Road Equipment	—	5.64	5.64	< 0.005	< 0.005	—	5.66
Paving	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	—	202	202	0.01	0.01	0.02	—
Vendor	—	330	330	< 0.005	0.05	0.02	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Worker	—	5.69	5.69	< 0.005	< 0.005	0.01	—

Vendor	—	9.04	9.04	< 0.005	< 0.005	0.01	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Worker	—	0.94	0.94	< 0.005	< 0.005	< 0.005	—
Vendor	—	1.50	1.50	< 0.005	< 0.005	< 0.005	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—

3.8. Paving (2023) - Mitigated

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

Location	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	—	1,244	1,244	0.05	0.01	—	1,248
Paving	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	—	34.1	34.1	< 0.005	< 0.005	—	34.2
Paving	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Off-Road Equipment	—	5.64	5.64	< 0.005	< 0.005	—	5.66
Paving	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—

Worker	—	202	202	0.01	0.01	0.02	—
Vendor	—	330	330	< 0.005	0.05	0.02	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Worker	—	5.69	5.69	< 0.005	< 0.005	0.01	—
Vendor	—	9.04	9.04	< 0.005	< 0.005	0.01	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Worker	—	0.94	0.94	< 0.005	< 0.005	< 0.005	—
Vendor	—	1.50	1.50	< 0.005	< 0.005	< 0.005	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—

3.9. Architectural Coating (2023) - Unmitigated

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

Location	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	—	3.40	3.40	< 0.005	< 0.005	—	3.41
Architectural Coatings	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Off-Road Equipment	—	0.56	0.56	< 0.005	< 0.005	—	0.56

Architectural Coatings	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	—	28.7	28.7	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Worker	—	0.75	0.75	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Worker	—	0.12	0.12	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—

3.10. Architectural Coating (2023) - Mitigated

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

Location	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—

Off-Road Equipment	—	3.40	3.40	< 0.005	< 0.005	—	3.41
Architectural Coatings	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Off-Road Equipment	—	0.56	0.56	< 0.005	< 0.005	—	0.56
Architectural Coatings	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	—	28.7	28.7	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Worker	—	0.75	0.75	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Worker	—	0.12	0.12	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—

3.11. Architectural Coating (2024) - Unmitigated

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

Location	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	—	0.26	0.26	< 0.005	< 0.005	—	0.26
Architectural Coatings	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Off-Road Equipment	—	0.04	0.04	< 0.005	< 0.005	—	0.04
Architectural Coatings	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	—	28.2	28.2	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Worker	—	0.06	0.06	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Worker	—	0.01	0.01	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—

3.12. Architectural Coating (2024) - Mitigated

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

Location	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	—	0.26	0.26	< 0.005	< 0.005	—	0.26
Architectural Coatings	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—
Off-Road Equipment	—	0.04	0.04	< 0.005	< 0.005	—	0.04
Architectural Coatings	—	—	—	—	—	—	—
Onsite truck	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	—	28.2	28.2	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—
Worker	—	0.06	0.06	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—

Annual	—	—	—	—	—	—	—
Worker	—	0.01	0.01	< 0.005	< 0.005	< 0.005	—
Vendor	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	—	0.00	0.00	0.00	0.00	0.00	—

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	211	211	0.01	0.01	0.84	215
Parking Lot	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	211	211	0.01	0.01	0.84	215
Daily, Winter (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	192	192	0.01	0.01	0.02	196
Parking Lot	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	192	192	0.01	0.01	0.02	196
Annual	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	32.6	32.6	< 0.005	< 0.005	0.06	33.1
Parking Lot	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	32.6	32.6	< 0.005	< 0.005	0.06	33.1

4.1.2. Mitigated

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

Land Use	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	211	211	0.01	0.01	0.84	215
Parking Lot	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	211	211	0.01	0.01	0.84	215
Daily, Winter (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	192	192	0.01	0.01	0.02	196
Parking Lot	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	192	192	0.01	0.01	0.02	196
Annual	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	32.6	32.6	< 0.005	< 0.005	0.06	33.1
Parking Lot	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	32.6	32.6	< 0.005	< 0.005	0.06	33.1

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	171	171	0.01	< 0.005	—	172
Parking Lot	—	83.5	83.5	0.01	< 0.005	—	83.8

Total	—	255	255	0.02	< 0.005	—	256
Daily, Winter (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	171	171	0.01	< 0.005	—	172
Parking Lot	—	83.5	83.5	0.01	< 0.005	—	83.8
Total	—	255	255	0.02	< 0.005	—	256
Annual	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	28.4	28.4	< 0.005	< 0.005	—	28.5
Parking Lot	—	13.8	13.8	< 0.005	< 0.005	—	13.9
Total	—	42.2	42.2	< 0.005	< 0.005	—	42.3

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	171	171	0.01	< 0.005	—	172
Parking Lot	—	83.5	83.5	0.01	< 0.005	—	83.8
Total	—	255	255	0.02	< 0.005	—	256
Daily, Winter (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	171	171	0.01	< 0.005	—	172
Parking Lot	—	83.5	83.5	0.01	< 0.005	—	83.8
Total	—	255	255	0.02	< 0.005	—	256
Annual	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	28.4	28.4	< 0.005	< 0.005	—	28.5
Parking Lot	—	13.8	13.8	< 0.005	< 0.005	—	13.9

Total	—	42.2	42.2	< 0.005	< 0.005	—	42.3

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	155	155	0.01	< 0.005	—	155
Parking Lot	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	155	155	0.01	< 0.005	—	155
Daily, Winter (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	155	155	0.01	< 0.005	—	155
Parking Lot	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	155	155	0.01	< 0.005	—	155
Annual	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	25.7	25.7	< 0.005	< 0.005	—	25.7
Parking Lot	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	25.7	25.7	< 0.005	< 0.005	—	25.7

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	155	155	0.01	< 0.005	—	155
Parking Lot	—	0.00	0.00	0.00	0.00	—	0.00

Total	—	155	155	0.01	< 0.005	—	155
Daily, Winter (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	155	155	0.01	< 0.005	—	155
Parking Lot	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	155	155	0.01	< 0.005	—	155
Annual	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	25.7	25.7	< 0.005	< 0.005	—	25.7
Parking Lot	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	25.7	25.7	< 0.005	< 0.005	—	25.7

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Consumer Products	—	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—	—
Landscape Equipment	—	4.55	4.55	< 0.005	< 0.005	—	4.57
Total	—	4.55	4.55	< 0.005	< 0.005	—	4.57
Daily, Winter (Max)	—	—	—	—	—	—	—
Consumer Products	—	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Consumer Products	—	—	—	—	—	—	—

Architectural Coatings	—	—	—	—	—	—	—
Landscape Equipment	—	0.37	0.37	< 0.005	< 0.005	—	0.37
Total	—	0.37	0.37	< 0.005	< 0.005	—	0.37

4.3.2. Mitigated

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

Source	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Consumer Products	—	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—	—
Landscape Equipment	—	4.55	4.55	< 0.005	< 0.005	—	4.57
Total	—	4.55	4.55	< 0.005	< 0.005	—	4.57
Daily, Winter (Max)	—	—	—	—	—	—	—
Consumer Products	—	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Consumer Products	—	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—	—
Landscape Equipment	—	0.37	0.37	< 0.005	< 0.005	—	0.37
Total	—	0.37	0.37	< 0.005	< 0.005	—	0.37

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	11.3	49.4	60.6	1.16	0.03	—	97.9
Parking Lot	0.00	2.85	2.85	< 0.005	< 0.005	—	2.86
Total	11.3	52.2	63.5	1.16	0.03	—	101
Daily, Winter (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	11.3	49.4	60.6	1.16	0.03	—	97.9
Parking Lot	0.00	2.85	2.85	< 0.005	< 0.005	—	2.86
Total	11.3	52.2	63.5	1.16	0.03	—	101
Annual	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.87	8.17	10.0	0.19	< 0.005	—	16.2
Parking Lot	0.00	0.47	0.47	< 0.005	< 0.005	—	0.47
Total	1.87	8.65	10.5	0.19	< 0.005	—	16.7

4.4.2. Mitigated

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

Land Use	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	11.3	49.4	60.6	1.16	0.03	—	97.9
Parking Lot	0.00	2.85	2.85	< 0.005	< 0.005	—	2.86
Total	11.3	52.2	63.5	1.16	0.03	—	101
Daily, Winter (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	11.3	49.4	60.6	1.16	0.03	—	97.9
Parking Lot	0.00	2.85	2.85	< 0.005	< 0.005	—	2.86
Total	11.3	52.2	63.5	1.16	0.03	—	101

Annual	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.87	8.17	10.0	0.19	< 0.005	—	16.2
Parking Lot	0.00	0.47	0.47	< 0.005	< 0.005	—	0.47
Total	1.87	8.65	10.5	0.19	< 0.005	—	16.7

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	12.9	0.00	12.9	1.29	0.00	—	45.1
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	12.9	0.00	12.9	1.29	0.00	—	45.1
Daily, Winter (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	12.9	0.00	12.9	1.29	0.00	—	45.1
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	12.9	0.00	12.9	1.29	0.00	—	45.1
Annual	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	2.13	0.00	2.13	0.21	0.00	—	7.47
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	2.13	0.00	2.13	0.21	0.00	—	7.47

4.5.2. Mitigated

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

Land Use	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	12.9	0.00	12.9	1.29	0.00	—	45.1
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	12.9	0.00	12.9	1.29	0.00	—	45.1
Daily, Winter (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	12.9	0.00	12.9	1.29	0.00	—	45.1
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	12.9	0.00	12.9	1.29	0.00	—	45.1
Annual	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	2.13	0.00	2.13	0.21	0.00	—	7.47
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	2.13	0.00	2.13	0.21	0.00	—	7.47

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.6.2. Mitigated

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

Land Use	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.7.2. Mitigated

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

Equipment Type	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.8.2. Mitigated

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

Equipment Type	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.9.2. Mitigated

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

Equipment Type	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

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

Land Use	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

Vegetation	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

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

Land Use	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

Species	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	10/1/2023	10/4/2023	5.00	3.00	—
Grading	Grading	10/5/2023	10/12/2023	5.00	6.00	—
Building Construction	Building Construction	10/13/2023	12/4/2023	5.00	37.0	—
Paving	Paving	12/5/2023	12/18/2023	5.00	10.0	—
Architectural Coating	Architectural Coating	12/19/2023	1/1/2024	5.00	10.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41
Site Preparation	Scrapers	Diesel	Average	1.00	8.00	423	0.48

Site Preparation	Tractors/Loaders/Backh	Diesel	Average	1.00	7.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backh oes	Diesel	Average	2.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	2.00	7.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backh oes	Diesel	Average	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backh oes	Diesel	Average	1.00	8.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41
Site Preparation	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Site Preparation	Tractors/Loaders/Backh oes	Diesel	Average	1.00	7.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40

Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	2.00	7.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT

Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	10.7	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	4.17	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	10.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	2.14	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	18.5	LDA,LDT1,LDT2

Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	10.7	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	4.17	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	10.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	2.14	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	38,160	12,720	3,923

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	4.50	0.00	—
Grading	—	—	6.00	0.00	—
Paving	0.00	0.00	0.00	0.00	1.50

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Parking Lot	1.50	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2023	0.00	532	0.03	< 0.005
2024	0.00	532	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year

Unrefrigerated Warehouse-No Rail	21.0	21.0	21.0	7,679	237	237	237	86,482
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	21.0	21.0	21.0	7,679	237	237	237	86,482
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	38,160	12,720	3,923

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	117,500	532	0.0330	0.0040	483,632
Parking Lot	57,272	532	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	117,500	532	0.0330	0.0040	483,632
Parking Lot	57,272	532	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	5,883,000	0.00
Parking Lot	0.00	461,323

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	5,883,000	0.00
Parking Lot	0.00	461,323

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	23.9	—
Parking Lot	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	23.9	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	32.4	annual days of extreme heat

Extreme Precipitation	1.10	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	1.45	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	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	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	1	1	1	2
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.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	93.6
AQ-PM	1.52
AQ-DPM	3.14
Drinking Water	62.5
Lead Risk Housing	23.3
Pesticides	0.00

Toxic Releases	4.13
Traffic	34.1
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	4.42
Haz Waste Facilities/Generators	16.6
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	62.5
Cardio-vascular	95.3
Low Birth Weights	39.2
Socioeconomic Factor Indicators	—
Education	59.6
Housing	36.2
Linguistic	1.81
Poverty	70.1
Unemployment	96.3

7.2. Healthy Places Index Scores

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.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	28.07647889
Employed	7.583728988
Median HI	19.97946875
Education	—

Bachelor's or higher	25.84370589
High school enrollment	100
Preschool enrollment	23.02065957
Transportation	—
Auto Access	15.29577826
Active commuting	28.20479918
Social	—
2-parent households	7.519568844
Voting	61.90170666
Neighborhood	—
Alcohol availability	78.18555114
Park access	19.4661876
Retail density	12.81919672
Supermarket access	13.82009496
Tree canopy	1.065058386
Housing	—
Homeownership	54.45912999
Housing habitability	51.71307584
Low-inc homeowner severe housing cost burden	26.48530733
Low-inc renter severe housing cost burden	63.05658925
Uncrowded housing	57.46182471
Health Outcomes	—
Insured adults	35.82702425
Arthritis	0.0
Asthma ER Admissions	35.2
High Blood Pressure	0.0
Cancer (excluding skin)	0.0

Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	2.0
Cognitively Disabled	6.4
Physically Disabled	1.5
Heart Attack ER Admissions	5.9
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	41.8
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.3
SLR Inundation Area	0.0
Children	55.0
Elderly	11.1
English Speaking	86.9
Foreign-born	10.7
Outdoor Workers	39.6
Climate Change Adaptive Capacity	—

Impervious Surface Cover	89.4
Traffic Density	46.3
Traffic Access	23.0
Other Indices	—
Hardship	60.4
Other Decision Support	—
2016 Voting	60.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	25.0
Healthy Places Index Score for Project Location (b)	16.0
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.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Construction: Construction Phases	Construction estimated to occur from 10/1/23 to 1/1/24
Operations: Vehicle Data	Based on trip generation rate of 12.9 daily trips per 100 storage units and 163 storage units