
Appendix 3-C

Air Quality and Greenhouse Gas Emissions Analysis – Ventura Steel Site

October 10, 2025

Ms. Deanna Freund, PE
Environmental Programs Manager – Air Quality
SoCalGas
P.O. Box 30777
Los Angeles, CA 90030
Phone: 213.231.8629
DFreund@SoCalGas.com

Re: Ventura Compressor Station Modernization Project (A.23-08-019) – Data Request #1
Subject: Air Quality and Greenhouse Gas Emissions Analysis of the Ventura Steel Site
Alternative

Dear Ms. Freund:

A Proponent's Environmental Assessment (PEA) and formal application (A.23-08-019) for a Certificate of Public Convenience and Necessity (CPCN) was submitted to the California Public Utilities Commission (CPUC) for SoCalGas's Ventura Compressor Station Modernization Project (Proposed Project or VCM Project) in August 2023. In January 2025, the CPUC sent Data Request (DR) #1 to SoCalGas requesting additional information pertaining to the three site alternatives to the Proposed Project considered in the PEA Section 6, Comparison of Alternatives. The three site alternatives identified by SoCalGas are Avocado Site, Devil's Canyon Road Site, and Ventura Steel Site.

Yorke Engineering, LLC (Yorke) was requested to respond to the first bullet of the following request:

DR 1.3: Air Quality, Greenhouse Gases, and Energy

For each of the three site alternatives, please include the following information:

- Please provide emission calculations to quantify the changes in air pollutants and greenhouse gas (GHG) emissions stemming from construction of the site alternatives, as they may differ from those of the Proposed Project (e.g., due to additional site preparation or grading).

A separate report has been prepared by Yorke for each alternative site. This report analyzes impacts from air quality and GHG emissions related to construction of the Ventura Steel Site Alternative. The criteria pollutants and GHG emissions of this site are compared to those of the Proposed Project to show how they differ. However, the emissions modeling for the Proposed Project and the alternative sites have several key limitations and differences that limit the value of the comparison, including:

- *Design Development Level:* The preliminary engineering developed to address this data request is at approximately 5% completion, whereas the Proposed Project has been designed to approximately 15%. This disparity in design detail limits the accuracy of emissions estimates for the alternatives.

- *Site Access Limitations:* Due to lack of access to the alternative sites, site-specific information needed for site preparation, remediation, and engineering design activities for these alternative site locations has been restricted, which limits the accuracy of emissions estimates for the alternatives. The approach to preliminary engineering design and environmental assessment included:
 - Developing designs using insights derived exclusively from desktop-level analysis;
 - Utilizing publicly available information from city, county, and state records; and
 - Using Geographic Information System (GIS) software to generate data reports that may include information such as potential utility conflicts, geotechnical information, constructability, and pipeline routing options to and from each alternative site.
- *Modeling Tool Version Differences:* The Proposed Project was modeled using a prior version of CalEEMod. CalEEMod is updated frequently (there have been 30 minor updates since a major update in 2022) to incorporate fixes to the model, new information such as emission factors, and updated regulatory emissions reduction requirements. New regulatory requirements typically mean that emissions estimates using a newer version would be lower than emissions estimates using an older version due to these regulatory updates, and not due to project design or scope. Note, because CalEEMod is run on-line, it is not possible to use older versions after updates are made.
- *Construction Timing Assumptions:* In the PEA, the Proposed Project was anticipated to begin construction in 2029, and the emissions estimates for the Proposed Project have not been updated for this response. Due to the time needed for the PEA review process, including the time to deem the application complete, a 2029 start date may no longer be possible. In addition to CalEEMod version updates described above, since many regulatory programs only apply to new equipment after certain date(s), the emissions reductions only kick-in gradually as a result of assumed equipment fleet turnover, so are dependent on when the construction is assumed to start. For these reasons, the emissions estimate for the Proposed Project should be conservative since a later start date would reflect lower emissions when using newer CalEEMod versions that include revised regulatory requirements.

Construction of the Ventura Steel Site Alternative has been estimated to start in 2029. The construction start dates for the alternative sites are also uncertain, since the time needed for additional property and right-of-way acquisition, site remediation, and engineering design could vary from what has been assumed due to the design development level and site access uncertainties described above. Emissions comparison of the Proposed Project to the alternative site would vary since the schedule for construction activities could vary for both.

While the results are not a like-for-like comparison due to differences in assumptions and data availability, they provide a means for evaluating and comparing the Proposed Project and the alternative sites. The analyses were completed using the best available data and professional judgment to provide the most timely and informative results possible under the circumstances.

1.0 VENTURA STEEL SITE BACKGROUND

The Ventura Steel Site is located approximately 7,000 feet north of the existing Ventura Compressor Station property within the County of Ventura. The Ventura Steel Site Alternative is relatively flat, and within an industrial area. The site currently includes existing active oilfield operations, pipe storage, and a staging yard that would impact the site development.

The Ventura Steel Site has direct access from Highway 33 to the Shell Road interchange and North Ventura Avenue. Considering that there are active oilfield operations at this site, it is assumed that there are existing fire water system and sanitary sewer along East Shell Road that the site can connect and tie-in to. The nearest electrical interconnection is through an existing Southern California Edison (SCE) Canet 16 kilovolt circuit.

The Ventura Steel Site Alternative consists of (1) installing two new 1,900 HP natural gas compressors and two new 2,500 nominal HP electric compressors, (2) erecting a new 10,458-square-foot compressor building; (3) erecting a new 4,641-square-foot-permanent office building; (4) erecting a new 5,459-square-foot warehouse; (5) installing a new 8-foot-tall perimeter block wall; (6) installing a new gas pipeline system consisting of two suction and two discharge pipelines with a total of approximately 8.3 miles of new pipeline along the foot of the hills that would tie into the existing natural gas system pipelines; (7) installing new water and sewer lines that would tie into the existing facilities at East Shell Road; and (8) installing aboveground one new electrical pole to tie-in the existing SCE Canet circuit.

The Ventura Steel Site Alternative would require the demolition of onsite existing oilfield infrastructure, as well as the abandonment of oil wells within the proposed facility boundary.

Due to these factors, construction of a new compressor station at the Ventura Steel Site is estimated to take place over a span of approximately 11 years compared to less than four years for the construction of the Proposed Project.

2.0 AIR QUALITY EMISSIONS ANALYSIS

Like the Proposed Project, the criteria pollutant emissions used in air quality impact analysis for the alternative site were prepared in accordance with the Ventura County Air Pollution Control District's (VCAPCD's) Ventura County Air Quality Assessment Guidelines (VCAPCD Guidelines) (VCAPCD 2003).

2.1 Construction and Demolition Emissions Impacts Analyses

2.1.1 Construction/Demolition Emissions Calculation Methodology

The analysis of offroad construction emissions was performed using CalEEMod, the official statewide land use computer model designed to provide a uniform platform for estimating potential criteria pollutant and GHG emissions associated with construction of projects under the California Environmental Quality Act (CEQA). The current version (version 2022.1.1.30) of CalEEMod was used for this analysis, which is a newer version than was used for the Proposed Project (version 2022.1.1.19).

The CalEEMod input file from the Proposed Project was used as a starting point, after which the new phases were added, and the construction schedules were modified to reflect the project at the alternative site. Based on information received from SoCalGas, construction equipment type, quantity, and horsepower (HP) were applied to the new phases. The equipment type and quantity

and daily trip rates for the shared phases were kept the same, as they are expected to be similar to those in the Proposed Project¹. The land use size (square feet) and hauling material size (cubic yards) parameters were not altered since project-specific data—such as construction equipment specifications and daily trip rates—were provided, and these parameters are only adjusted when CalEEMod is required to generate default values. Trip mileage for all phases was modified to reflect the distance to the Ventura Steel Site.

Generally, impacts of criteria pollutant emissions are analyzed within the local area or air basin, in this case within Ventura County. GHG emissions, on the other hand, are global impacts and are usually assessed anywhere within California for CEQA analyses. Therefore, the criteria pollutant emissions and GHG emissions from construction were estimated in separate CalEEMod runs. Furthermore, it was necessary to run CalEEMod twice for criteria pollutants, once for the individual phases and once for overlapping phases.

2.1.2 Alternative Site Construction and Demolition Description

The various inputs used for CalEEMod are discussed below. See the beginning of this report for additional information on the development of the construction information for the alternative sites.

A preliminary construction schedule for the Ventura Steel Site Alternative is shown in Table 2-1. Construction of a new compressor station at the Ventura Steel Site would take place over a span of approximately 11 years and has been broken into the following phases, with demolition of the existing equipment at the current site in Phase 12. Since this analysis is for comparison to the Proposed Project, the phase numbers for the phases common to both the Proposed Project and this alternative site were kept the same, and the additional phases were named uniquely as "A1", "A2," and so on, to clearly distinguish new activities while maintaining consistency across shared phases:

A1) Site Assessment	A4) Offsite Laydown Development
A2) Soil Remediation	A5) Gas Pipeline Installation
A3) Well Abandonment	A6) Electrical Interconnect
1) Subsurface Exploration	7) Electrical & Instrumentation
2) Demolition (Aera Buildings & Foundations)	8) Paving
3) Site Preparation/ Rough Grading	9) Painting/Insulation
4) Foundations	10) Pre-Commissioning/Commissioning/Startup and Testing
5) Trenching/Undergrounds	11) Post Construction/Site Restoration
6) Equipment, Structural Steel & Building Erection, Piping	12) Decommission/Demolition

¹ The compressor station at the alternative sites has not been designed/engineered to the same level as the proposed Project. SoCalGas estimates that the alternative sites are only at about a 5% engineering level.

Table 2-1: Ventura Steel Site Alternative Preliminary Construction Schedule by Phase

Phase Number	Phase Description	Phase Start Date	Phase End Date	Work Days per Phase
A1	Site Assessment	5/1/2029	5/18/2029	14
A2	Soil Remediation	6/3/2030	11/4/2030	111
A3	Well Abandonment	8/16/2029	3/31/2031	423
A4	Offsite Laydown Development	4/1/2036	6/4/2036	47
A5	Gas Pipeline Installation	4/1/2036	4/13/2037	270
A6	Electrical Interconnect	12/12/2036	12/29/2036	12
1	Subsurface Exploration	4/1/2036	6/4/2036	47
2	Demolition (Aera Buildings & Foundations)	6/5/2036	9/5/2036	67
3	Site Preparation/Rough Grading	8/13/2036	9/5/2036	18
4	Foundations	9/8/2036	5/7/2037	174
5	Trenching/Undergrounds	4/8/2037	6/26/2037	58
6	Equipment, Structural Steel & Building Erection, Piping	1/13/2037	11/11/2037	217
7	Electrical & Instrumentation	10/13/2037	8/30/2038	230
8	Paving	8/31/2038	10/27/2038	42
9	Painting/Insulation	9/29/2038	11/24/2038	41
10	Commissioning/Startup and Testing	8/31/2038	2/10/2039	118
11 ¹	Post Construction/Site Restoration	2/11/2039	3/14/2039	22
12 ²	Decommission/Demolition	2/13/2040	5/15/2040	67

Notes:

1. No offroad equipment is expected to be used for Phase 11, however, approximately 50% of equipment hauling for demobilization will be taking place during Phase 11.
2. Decommission/Demolition is assumed to be completed approximately one year after the new replacement compressors are fully operational and would involve removal of the existing compressors at the current site.

The proposed list of offroad construction/demolition equipment for each individual phase is shown in Table 2-2. CalEEMod defaults were used for the offroad construction equipment load factor. CalEEMod defaults were also used for the HP of the electric and some diesel offroad equipment when the HP was not available. For equipment for which CalEEMod defaults were not available (i.e., Bore/Drill Rigs, Off-Highway Trucks, Skid Steer Loaders, and Aerial Lifts), a value of 8 hours per day was used. The CalEEMod run for the individual phases is provided in Attachment A.1.

As shown by the dates in Table 2-1, some of the construction phases will overlap. The criteria pollutant emissions of the overlapping phases were estimated in a separate CalEEMod run (Attachment A.2) to ensure that equipment that would remain onsite during the overlapping phases was not double (or triple) counted. The proposed list of offroad construction/demolition equipment for the overlapping phases is shown in Table 2-3.

Table 2-2: Ventura Steel Site Offroad Construction Equipment Used for Individual Phases for CalEEMod Input

Phase Name		Equipment Type	HP ¹	No. per Day	Fuel Type ²	Hours Per Day ³	Load Factor ⁴
A1	Site Assessment (Site Preparation)	Tractors/Loaders/Backhoes	107	1	Diesel	[7]	0.37
		Bore/Drill Rigs	300	1	Diesel	(8)	0.5
A2	Soil Remediation (Site Preparation)	Excavators	346	1	Diesel	[8]	0.38
		Off-Highway Trucks	500	1	Diesel	(8)	0.38
		Tractors/Loaders/Backhoes	321	1	Diesel	[7]	0.37
		Generator Sets	49	1	Diesel	[8]	0.74
A3	Well Abandonment (Building Construction)	Other General Industrial Equipment	200	3	Diesel	[8]	0.29
		Graders	200	1	Diesel	[8]	0.74
		Bore/Drill Rigs	550	1	Diesel	(8)	0.5
		Excavators	250	2	Diesel	[8]	0.38
		Cranes	320	3	Diesel	[7]	0.29
		Pumps	550	2	Diesel	[8]	0.74
		Other Construction Equipment	115	2	Diesel	[8]	0.42
		Bore/Drill Rigs	450	1	Diesel	(8)	0.5
		Off-Highway Trucks	320	3	Diesel	(8)	0.38
		Welders	50	3	Diesel	[8]	0.45
A4	Offsite Laydown Development (Site Preparation)	Cranes	275	1	Diesel	[7]	0.29
		Forklifts	74	1	Diesel	[8]	0.2
		Tractors/Loaders/Backhoes	225	1	Diesel	[7]	0.37
		Welders	24	4	Diesel	[8]	0.45
		Excavators	443	1	Diesel	[8]	0.38
		Tractors/Loaders/Backhoes	107	1	Diesel	[7]	0.37
		Tractors/Loaders/Backhoes	84	1	Diesel	[7]	0.37
		Tractors/Loaders/Backhoes	321	1	Diesel	[7]	0.37
		Air Compressors	2	1	Diesel	[6]	0.48
		Forklifts	82	1	Diesel	[8]	0.2
		Generator Sets	49	4	Diesel	[8]	0.74
		Excavators	45	1	Diesel	[8]	0.38
		Off-Highway Trucks	500	1	Diesel	(8)	0.38
		Air Compressors	10	1	Diesel	[6]	0.48

SoCalGas Ventura Compressor Station Modernization Project
Air Quality and Greenhouse Gas Emissions Analysis of Ventura Steel Site Alternative

Phase Name		Equipment Type	HP ¹	No. per Day	Fuel Type ²	Hours Per Day ³	Load Factor ⁴
A5	Gas Pipeline Installation (Building Construction)	Excavators	346	8	Diesel	[8]	0.38
		Concrete/Industrial Saws	261	8	Diesel	[8]	0.73
		Rubber Tired Dozers	363	2	Diesel	[8]	0.4
		Other Construction Equipment	319	8	Diesel	[8]	0.42
		Other Construction Equipment	109	1	Diesel	[8]	0.42
		Welders	24	4	Diesel	[8]	0.45
		Graders	250	1	Diesel	[8]	0.41
		Off-Highway Trucks	500	1	Diesel	(8)	0.38
		Tractors/Loaders/Backhoes	74	2	Diesel	[7]	0.37
		Tractors/Loaders/Backhoes	350	3	Diesel	[7]	0.37
		Skid Steer Loaders	65	3	Diesel	(8)	0.37
		Bore/Drill Rigs	173	1	Diesel	(8)	0.5
		Other General Industrial Equipment	23	3	Diesel	[8]	0.34
		Generator Sets	22	3	Diesel	[8]	0.74
A6	Electrical Interconnect (Building Construction)	Air Compressors	10	2	Diesel	[6]	0.48
		Forklifts	82	1	Diesel	[8]	0.2
		Generator Sets	49	2	Diesel	[8]	0.74
1	Subsurface Exploration (Site Preparation)	Tractors/Loaders/Backhoes	107	1	Diesel	[8]	0.37
		Excavators	45	1	Diesel	[8]	0.38
		Air Compressors	2	1	Diesel	[6]	0.48
		Off-Highway Trucks	500	1	Diesel	(8)	0.38
		Tractors/Loaders/Backhoes	321	1	Diesel	[8]	0.37
		Bore/Drill Rigs	300	1	Diesel	(8)	0.5
2	Demolition (Aera Buildings & Foundations) (Demolition A)	Concrete/Industrial Saws	33	1	Diesel	[8]	0.73
		Tractors/Loaders/Backhoes	107	1	Diesel	[8]	0.37
		Excavators	45	1	Diesel	[8]	0.38
		Air Compressors	2	1	Diesel	[6]	0.48
		Off-Highway Trucks	500	1	Diesel	(8)	0.38
		Tractors/Loaders/Backhoes	321	1	Diesel	[8]	0.37
		Skid Steer Loaders	65	1	Diesel	(8)	0.37
3	Site Preparation/ Rough Grading (Grading)	Excavators	45	1	Diesel	[8]	0.38
		Tractors/Loaders/Backhoes	107	1	Diesel	[8]	0.37
		Air Compressors	2	1	Diesel	[6]	0.48
		Off-Highway Trucks	500	1	Diesel	(8)	0.38

SoCalGas Ventura Compressor Station Modernization Project
Air Quality and Greenhouse Gas Emissions Analysis of Ventura Steel Site Alternative

Phase Name		Equipment Type	HP ¹	No. per Day	Fuel Type ²	Hours Per Day ³	Load Factor ⁴
4	Foundations (Building Construction)	Air Compressors	10	1	Diesel	[6]	0.48
		Cranes	275	1	Diesel	[7]	0.29
		Excavators	45	1	Diesel	[8]	0.38
		Excavators	346	1	Diesel	[8]	0.38
		Forklifts	74	1	Diesel	[8]	0.2
		Forklifts	[82]	1	Electric	[8]	0.2
		Generator Sets	49	3	Diesel	[8]	0.74
		Off-Highway Trucks	500	1	Diesel	(8)	0.38
		Rubber Tired Dozers	170	1	Diesel	[8]	0.4
		Tractors/Loaders/Backhoes	225	1	Diesel	[7]	0.37
		Tractors/Loaders/Backhoes	321	1	Diesel	[7]	0.37
		Tractors/Loaders/Backhoes	107	1	Diesel	[7]	0.37
		Welders	24	2	Diesel	[8]	0.45
		Welders	[24]	2	Electric	[8]	0.45
5	Trenching/Undergrounds (Trenching)	Pumps ⁵	[11]	2	Diesel	[8]	0.74
		Excavators	45	1	Diesel	[8]	0.38
6	Equipment, Structural Steel & Building Erection, Piping (Building Construction)	Aerial Lifts	67	1	Diesel	(8)	0.31
		Aerial Lifts	[46]	5	Electric	(8)	0.31
		Air Compressors	49	1	Diesel	[6]	0.48
		Air Compressors	10	1	Diesel	[6]	0.48
		Cranes	200	1	Diesel	[7]	0.29
		Cranes	275	2	Diesel	[7]	0.29
		Excavators	45	1	Diesel	[8]	0.38
		Forklifts	[82]	1	Electric	[8]	0.2
		Forklifts	122	1	Diesel	[8]	0.2
		Forklifts	74	1	Diesel	[8]	0.2
		Generator Sets	49	3	Diesel	[8]	0.74
		Off-Highway Trucks	500	1	Diesel	(8)	0.38
		Tractors/Loaders/Backhoes	225	2	Diesel	[7]	0.37
		Welders	24	2	Diesel	[8]	0.45
		Welders	[46]	5	Electric	[8]	0.45
		Welders	[24]	2	Electric	[8]	0.45
7	Electrical & Instrumentation (Building Construction)	Aerial Lifts	[46]	4	Electric	(8)	0.31
		Air Compressors	49	1	Diesel	[6]	0.48
		Air Compressors	10	2	Diesel	[6]	0.48
		Cranes	200	1	Diesel	[7]	0.29
		Cranes	275	2	Diesel	[7]	0.29
		Forklifts	[82]	1	Electric	[8]	0.2
		Forklifts	74	1	Diesel	[8]	0.2
		Generator Sets	49	3	Diesel	[8]	0.74
		Off-Highway Trucks	500	1	Diesel	(8)	0.38

SoCalGas Ventura Compressor Station Modernization Project
Air Quality and Greenhouse Gas Emissions Analysis of Ventura Steel Site Alternative

Phase Name		Equipment Type	HP ¹	No. per Day	Fuel Type ²	Hours Per Day ³	Load Factor ⁴
		Tractors/Loaders/Backhoes	225	2	Diesel	[7]	0.37
		Welders	[46]	5	Electric	[8]	0.45
		Welders	24	2	Diesel	[8]	0.45
8	Paving (Paving)	Rollers	125	1	Diesel	[8]	0.38
9	Painting/ Insulation (Architectural Coating)	Air Compressors	10	1	Diesel	[6]	0.48
		Generator Sets	49	1	Diesel	[8]	0.74
10	Commission/ Startup and Testing (Building Construction)	Aerial Lifts	[46]	4	Electric	(8)	0.31
		Air Compressors	49	1	Diesel	[6]	0.48
		Cranes	275	1	Diesel	[7]	0.29
		Forklifts	74	1	Diesel	[8]	0.2
		Forklifts	[82]	1	Electric	[8]	0.2
		Generator Sets	49	3	Diesel	[8]	0.74
		Tractors/Loaders/Backhoes	225	2	Diesel	[7]	0.37
		Welders	[46]	3	Electric	[8]	0.45
		Welders	24	2	Diesel	[8]	0.45
12	Decommission/ Demolition (Demolition B)	Concrete/Industrial Saws	33	1	Diesel	[8]	0.73
		Excavators	45	1	Diesel	[8]	0.38
		Aerial Lifts	[46]	4	Electric	(8)	0.31
		Air Compressors	49	1	Diesel	[6]	0.48
		Cranes	275	1	Diesel	[7]	0.29
		Forklifts	74	1	Diesel	[8]	0.2
		Forklifts	[82]	1	Electric	[8]	0.2
		Generator Sets	49	3	Diesel	[8]	0.74
		Tractors/Loaders/Backhoes	225	2	Diesel	[8]	0.37
		Welders	[46]	3	Electric	[8]	0.45
		Welders	24	2	Diesel	[8]	0.45

Notes:

1. Engine horsepower ratings in brackets are CalEEMod default values (version 2022.1.1.30).
2. All diesel engines are assumed to be EPA Tier 4 Final and Electric engines have an average electric mix.
3. Construction "Hours per Day" in brackets are CalEEMod default values. A value of 8 hours per day is used for equipment for which there are no project-specific or CalEEMod default values (i.e., Bore/Drill Rigs, Off-Highway Trucks, Skid Steer Loaders, and Aerial Lifts), and is shown in parentheses.
4. Engine load factors are CalEEMod default values (version 2022.1.1.30).
5. Pumps are conservatively modeled as diesel units in Phase 5 rather than as electric units in Phase 4 as planned for construction.
6. No offroad equipment is expected to be used for Phase 11, Site Restoration, so this phase is not included in this table.

Table 2-3: Ventura Steel Site Offroad Construction Equipment Used for Overlapping Phases for CalEEMod Input

Phase Name		Equipment Type	HP ¹	No. per Day	Fuel Type ²	Hours Per Day ³	Load Factor ⁴
1	Subsurface Exploration (Site Preparation)	Bore/Drill Rigs	300	1	Diesel	(8)	0.5
4	Foundations (Building Construction)	Cranes	275	1	Diesel	[7]	0.29
		Excavators	45	1	Diesel	[8]	0.38
		Excavators	346	1	Diesel	[8]	0.38
		Off-Highway Trucks	500	1	Diesel	(8)	0.38
		Rubber Tired Dozers	170	1	Diesel	[8]	0.4
		Tractors/Loaders/Backhoes	321	1	Diesel	[7]	0.37
		Tractors/Loaders/Backhoes	107	1	Diesel	[7]	0.37
6	Equipment, Structural Steel & Building Erection, Piping (Building Construction)	Aerial Lifts	67	1	Diesel	(8)	0.31
		Aerial Lifts	[46]	5	Electric	(8)	0.31
		Air Compressors	49	1	Diesel	[6]	0.48
		Air Compressors	10	1	Diesel	[6]	0.48
		Cranes	200	1	Diesel	[7]	0.29
		Cranes	275	2	Diesel	[7]	0.29
		Excavators	45	1	Diesel	[8]	0.38
		Forklifts	[82]	1	Electric	[8]	0.2
		Forklifts	122	1	Diesel	[8]	0.2
		Forklifts	74	1	Diesel	[8]	0.2
		Off-Highway Trucks	500	1	Diesel	(8)	0.38
		Tractors/Loaders/Backhoes	225	2	Diesel	[7]	0.37
		Welders	24	2	Diesel	[8]	0.45
		Welders	[46]	5	Electric	[8]	0.45
		Welders	[46]	5	Electric	[8]	0.45
7	Electrical & Instrumentation (Building Construction)	Aerial Lifts	[46]	4	Electric	(8)	0.31
		Air Compressors	10	2	Diesel	[6]	0.48
		Forklifts	74	1	Diesel	[8]	0.2
		Off-Highway Trucks	500	1	Diesel	(8)	0.38
		Tractors/Loaders/Backhoes	225	2	Diesel	[7]	0.37
9	Painting/Insulation (Architectural Coating)	Air Compressors	10	1	Diesel	[6]	0.48
10	Commissioning/ Startup and Testing (Building Construction)	Aerial Lifts	[46]	4	Electric	8	0.31
		Air Compressors	49	1	Diesel	[6]	0.48
		Cranes	275	1	Diesel	[7]	0.29
		Forklifts	74	1	Diesel	[8]	0.20
		Forklifts	[82]	1	Electric	[8]	0.20
		Generator Sets	49	3	Diesel	[8]	0.74
		Tractors/Loaders/Backhoes	225	2	Diesel	[7]	0.37
		Welders	[46]	3	Electric	[8]	0.45
		Welders	24	2	Diesel	[8]	0.45

SoCalGas Ventura Compressor Station Modernization Project
Air Quality and Greenhouse Gas Emissions Analysis of Ventura Steel Site Alternative

Notes:

1. Footnotes 1 through 4 are the same as Table 2-2.
2. Only the phases which have some overlap with other phases are included in this table and for which equipment usage has been refined to avoid double or triple counting are included in this table.

As noted in Section 2.1, three CalEEMod runs were performed for each site to reflect individual and overlapping phases for criteria pollutants and a separate run for GHG emissions to reflect longer travel distances within California for Phase 6. Table 2-4 summarizes the construction trip rates and mileages used for the criteria pollutant and GHG emissions calculations. In the first CalEEMod run (Attachment A.1), the criteria pollutant emissions for the hauling trips for each individual phase were estimated using a one-way distance of 44 miles (the average distance from the Ventura Steel Site to the County line). In the second CalEEMod run (Attachment A.2), the criteria pollutant emissions of the overlapping phases were also estimated using a one-way distance of 44 miles. Emissions for the soil remediation phase (A2) were estimated using an average one-way haul distance of 46 miles, which is the average trip lengths to Simi Valley Landfill and Grimes Rock Quarry). For phases involving both delivery of equipment to the Ventura Steel Site (i.e., 44 miles) and hauling of material from the site to landfill (i.e., 46 miles), because only one hauling entry is allowed per phase in CalEEMod, the haul distances were calculated using a weighted average. For example, for Phase A5, which includes three trips to the landfill and five equipment delivery trips, a total of eight trips was entered with a weighted average distance of 45 miles. In the third CalEEMod run (Attachment A.3), the GHG emissions for the hauling trips for Phase 6, were estimated using a distance of 298 miles (distance from the Ventura Steel Site to the Arizona State line). This distance is based on a conservative estimate that some of the supplies may come from outside of Ventura County and that some of the equipment may come from outside of California. The CalEEMod default distance of 20 miles was used for Phase 12 (i.e., Decommission/Demolition phase) hauling trips.

Table 2-4: Ventura Steel Site Construction Traffic Summary

Phase Work Description		Trip Type	One-Way Trips per Day	Miles per One-Way Trip	Vehicle Mix ⁴
A1	Site Assessment	Worker	12	10	LDA, LDT1, LDT2
		Vendor	8	10	HHDT, MHDT
A2	Soil Remediation	Worker	18	10	LDA, LDT1, LDT2
		Vendor	12	10	HHDT, MHDT
		Hauling	20	46	HHDT
A3	Well Abandonment	Worker	9	10	LDA, LDT1, LDT2
		Vendor	18	10	HHDT, MHDT
		Hauling	24	44	HHDT
A4	Offsite Laydown Development	Worker	12	10	LDA, LDT1, LDT2
		Vendor	20	10	HHDT, MHDT
A5	Gas Pipeline Installation	Worker	135	10	LDA, LDT1, LDT2
		Vendor	20	10	HHDT, MHDT
		Hauling ¹	8	45	HHDT

SoCalGas Ventura Compressor Station Modernization Project
Air Quality and Greenhouse Gas Emissions Analysis of Ventura Steel Site Alternative

Phase Work Description		Trip Type	One-Way Trips per Day	Miles per One-Way Trip	Vehicle Mix ⁴
A6	Electrical Interconnect	Worker	11	10	LDA, LDT1, LDT2
		Vendor	12	10	HHDT, MHDT
		Hauling ¹	8	45	HHDT
1	Subsurface Exploration	Worker	28	10	LDA, LDT1, LDT2
		Vendor	8	10	HHDT, MHDT
		Hauling	5	44	HHDT
2	Demolition (Aera Buildings & Foundations)	Worker	12	10	LDA, LDT1, LDT2
		Vendor	8	10	HHDT, MHDT
		Hauling ¹	5	45	HHDT
3	Site Preparation/Rough Grading	Worker	30	10	LDA, LDT1, LDT2
		Vendor	10	10	HHDT, MHDT
		Hauling	52	44	HHDT
4	Foundations	Worker	68	10	LDA, LDT1, LDT2
		Vendor	16	10	HHDT, MHDT
		Hauling	10	44	HHDT
5	Trenching/Undergrounds	Worker	46	10	LDA, LDT1, LDT2
		Vendor	2	10	HHDT, MHDT
		Hauling	9	44	HHDT
6	Equipment, Structural Steel & Building Erection, Piping	Worker	78	10	LDA, LDT1, LDT2
		Vendor	22	10	HHDT, MHDT
		Hauling ²	1	44 (298)	HHDT
7	Electrical & Instrumentation	Worker	36	10	LDA, LDT1, LDT2
		Vendor	16	10	HHDT, MHDT
		Hauling	1	44	HHDT
8	Paving	Worker	22	10	LDA, LDT1, LDT2
		Hauling	12	44	HHDT
9	Painting/Insulation	Worker	4	10	LDA, LDT1, LDT2
		Hauling	9	44	HHDT
10	Commissioning/Startup and Testing	Worker	28	10	LDA, LDT1, LDT2
		Vendor	12	10	HHDT, MHDT
		Hauling	3	44	HHDT
11	Post Construction/Site Restoration	Hauling	14	44	HHDT
12	Decommission/Demolition	Worker	28	10	LDA, LDT1, LDT2
		Vendor	18	10	HHDT, MHDT
		Hauling ³	3	20	HHDT

Notes:

- For phases involving both hauling of material to landfill (~46 miles) and delivery of equipment to the site (~44 miles), since only one hauling entry is allowed per phase in CalEEMod, the haul distances were calculated using a weighted average of the distances. For example, for Phase A5, which includes 3 trips to the landfill and 5 equipment delivery trips, a total of 8 trips was entered with a weighted average distance of 45 miles.

SoCalGas Ventura Compressor Station Modernization Project
Air Quality and Greenhouse Gas Emissions Analysis of Ventura Steel Site Alternative

2. Hauling trip mileages for Equipment, Structural Steel & Building Erection, and Piping phase (Phase 6) are average one-way distances from the Ventura Steel Site to County Line for criteria pollutant emissions since the trip destinations/directions are not known. The second value in italics is the one-way hauling distances from the Ventura Steel Site to the Arizona State Line used to estimate GHG emissions.
3. Hauling trip mileage for Phase 12 (i.e., Decommission/Demolition) is CalEEMod default.
4. Vehicle mix: LDA=Light Duty Automobile, LDT1=Light Duty Trucks up to 3,750 pounds (lbs) loaded vehicle weight (LVW), LDT2=Light Duty Trucks 3,750-8,500 lbs LVW, MHDT=Medium Heavy-Duty Trucks (8,500-14,000 lbs), HHDT=Heavy, Heavy-Duty Trucks (>14,000 lbs).

2.1.3 Results of Construction and Demolition Emissions Analysis for the Ventura Steel Site Alternative

Table 2-5 presents the peak day emissions of each criteria pollutant for each individual phase during Ventura Steel Site construction/demolition based on the CalEEMod outputs provided in Attachment A.1.

Table 2-5: Estimated Peak Day Criteria Pollutant Emissions by Each Construction/Demolition Phase

Construction/Demolition ² Phase		Year	Emissions ¹ (lbs/day)					
			ROC	NOx	CO	SOx	Total ³ PM ₁₀	Total ³ PM _{2.5}
A1	Site Assessment	2029	0.21	1.12	9.57	0.02	0.19	0.07
A2	Soil Remediation	2030	0.53	7.27	23.44	0.06	1.19	0.42
A3	Well Abandonment	2029-2031	2.49	22.06	121.91	0.19	2.70	1.13
A4	Offsite Laydown Development	2036	1.49	12.38	49.74	0.09	2.20	0.64
A5	Gas Pipeline Installation	2036-2037	4.76	28.09	229.69	0.31	2.29	1.20
A6	Electrical Interconnect	2036	0.17	3.90	6.68	0.01	0.22	0.07
1	Subsurface Exploration	2036	0.53	3.84	24.64	0.05	0.56	0.22
2	Demolition (Aera Buildings & Foundations)	2036	0.51	7.98	21.73	0.06	7.41	1.36
3	Site Preparation/Rough Grading	2036	0.39	8.14	14.35	0.07	2.51	0.80
4	Foundations	2036-2037	1.00	11.58	44.54	0.09	1.18	0.43
5	Trenching/Undergrounds	2037	0.14	1.93	2.35	0.01	0.72	0.20
6	Equipment, Structural Steel & Building Erection, Piping	2037	0.96	11.92	40.05	0.08	0.91	0.33
7	Electrical & Instrumentation	2037-2038	0.78	9.79	35.02	0.07	0.55	0.23
8	Paving	2038	0.60	1.58	3.80	0.02	0.66	0.20
9	Painting/Insulation	2038	5.02	2.81	2.93	0.01	0.41	0.13
10	Commissioning/Startup and Testing	2038-2039	0.49	8.49	20.66	0.04	0.49	0.18
11	Site Restoration	2039	0.07	1.62	0.82	0.01	0.78	0.23
12	Decommission/Demolition	2040	0.42	6.91	18.38	0.04	0.65	0.20
Ventura Steel Site Highest Individual Phase Peak Day			5.02	28.09	229.69	0.31	7.41	1.36

SoCalGas Ventura Compressor Station Modernization Project
Air Quality and Greenhouse Gas Emissions Analysis of Ventura Steel Site Alternative

Notes:

1. Emissions include offroad construction equipment and onroad vehicles (hauling, vendors, workers).
2. Construction daily emissions calculated for all offroad equipment running simultaneously (winter peak NO_x).
3. Total PM₁₀/PM_{2.5} consists of fugitive dust plus engine exhaust and includes application of Project Best Management Practices (BMPs).

The preliminary construction schedule provided in Table 2-1 indicated that some of the phases could overlap. The results of this potential peak day emissions during overlapping phases for ROC and NO_x are provided in Table 2-6, where only phases with potential overlap are shown. The CalEEMod outputs for the potential overlap phases are provided in Attachment A.2. As shown in Table 2-6, the peak day NO_x emissions could occur during the overlap of Phases A5 (Gas Pipeline Installation), 2 (Demolition of Aera Buildings & Foundations), and 3 (Site Preparation/Rough Grading) and the peak daily ROC emissions could occur during the overlap of Phases A5 (Gas Pipeline Installation), 4 (Foundations), 5 (Trenching/Undergrounds), and 6 (Equipment/Structural Steel/Building Erection/Piping).

Table 2-6: Estimated Peak Day ROC and NO_x Emissions During Potential Construction/Demolition Phase Overlaps

Potential Phases with Potential Timeline Overlaps		Year	Emissions ¹ (lbs/day)	
			ROC	NO _x
A2+A3	Soil Remediation + Well Abandonment	2030	3.0	29.0
A4+A5+1	Offsite Laydown Development + Gas Pipeline Installation + Subsurface Exploration	2036	6.5	41.9
A5+A6	Gas Pipeline Installation + Electrical Interconnect	2036	4.9	32.0
A5+2+3	Gas Pipeline Installation + Demo Existing Equipment and Piping + Site Preparation/Rough Grading	2036	5.7	48.4
4+5+6	Foundations + Trenching/Undergrounds + Equipment, Structural Steel & Building Erection, Piping	2037	1.7	13.6
A5+4+5+6	Gas Pipeline Installation + Foundations +Trenching/Undergrounds + Equipment, Structural Steel & Building Erection, Piping	2037	6.8	41.6
6+7	Equipment, Structural Steel & Building Erection, Piping + Electrical & Instrumentation	2037	1.2	9.4
8+9+10	Paving + Painting/Insulation + Commissioning/Startup and Testing	2038	6.0	11.2
Project Construction/Demolition Overlapping Phases Peak Day			6.8	48.4

Note:

1. Emissions reflect the peak day emissions for overlapping phases using the equipment list shown in Table 2-3 and vehicle trips in Table 2-4.

Table 2-7 summarizes the peak day criteria pollutants emissions for constructing the compressor station at the Ventura Steel Site and compares the emissions to the peak day emissions for the Proposed Project. Peak day emissions for construction of the Ventura Steel Site for all reported criteria pollutants are greater than the peak day emissions for the Proposed Project. The VCAPCD CEQA Significance Thresholds (VCAPCD 2003) for ROC and NO_x construction emissions are provided in Table 2-7 for reference. Although ROC emissions would remain well below the CEQA significance threshold of 25 pounds per day for both this alternative site and the Proposed Project, NO_x emissions from the Ventura Steel Site would exceed this threshold at 48.4 lbs/day, compared to 19.1 lbs/day for the Proposed Project. Emissions of CO, SO_x, and PM₁₀ and PM_{2.5} are also substantially higher for the Ventura Steel Site Alternative.

Table 2-7: Comparison of the Proposed Project vs. Ventura Steel Site Criteria Pollutants Peak Daily Construction/Demolition Emissions

Criteria Pollutant	Peak Daily Emissions (lbs/day)		VCAPCD CEQA Significance Threshold ⁴ (lbs/day)
	Proposed Project ¹	Ventura Steel Site ^{2,3}	
ROC	6.1	6.8	25
NO _x	19.1	48.4	25
CO	67.9	301.2	N/A
SO _x	0.1	0.5	N/A
Total PM ₁₀ ⁵	4.5	11.9	N/A
Total PM _{2.5} ⁵	1.0	3.2	N/A

Notes:

1. Proposed Project emissions from PEA Table 5.3-3 as updated in July 2024, for peak day during construction or demolition.
2. Emissions from CalEEMod Version 2022.1.1.30 in pounds/day are winter or summer maxima for planned activity and reflect a combined total peak day for construction phases with potential for overlap.
3. Per the VCAPCD Air Quality Assessment Guidelines (2003), construction-related emissions would be considered to be significant if estimates of NO_x and ROC emissions from the heavy-duty construction equipment exceed the 25 pounds/day threshold.
4. VCAPCD Air Quality Assessment Guidelines (2003) do not provide thresholds for criteria pollutants other than ROC and NO_x. Other criteria pollutant emissions are listed for reference, and the threshold is listed as N/A (not applicable).
5. Total PM₁₀ and PM_{2.5} include engine exhaust and fugitive dust and are minimized in accordance with VCAPCD Rule 55 and the fugitive dust control measures and off-road equipment BMPs.

In addition to the peak day emissions, Table 2-8 provides a comparison of the emissions over the total construction period for the Proposed Project compared to the total construction emissions for the Ventura Steel Site. The comparison of the total construction-related emissions shows that the Ventura Steel Site would generate higher total emissions than the Proposed Project across all criteria pollutants. This result is largely due to the longer construction duration of the project at this alternative site (approximately 11 years rather than four years), the well abandonment, and gas pipeline installation. For example, as shown in Table 2-8, maximum total NO_x emissions are estimated at 14 tons for Ventura Steel Site compared to 4.5 tons for the Proposed Project, and total CO emissions at 75.1 tons versus 14.9 tons total over the entire construction period. VCAPCD has not defined significance thresholds for total construction emissions.

Table 2-8: Comparison of the Proposed Project vs. Ventura Steel Site Criteria Pollutants Total Construction/Demolition Emissions

Criteria Pollutant	Total Construction/Demolition Emissions	
	Proposed Project	Ventura Steel Site
	Tons	Tons
ROC	0.5	1.7
NO _x	4.5	14.0
CO	14.9	75.1
SO _x	<0.1	0.1
Total PM ₁₀	0.4	1.6
Total PM _{2.5}	0.1	0.6

3.0 GREENHOUSE GAS EMISSIONS

3.1 GHG Emissions Methodology and Assumptions for the Ventura Steel Site

GHG emissions were estimated for the construction phase of the compressor station at the Ventura Steel Site. Like the criteria pollutants, CalEEMod was used to estimate GHG emissions. While criterial pollutant emissions during construction are mainly assessed on a peak daily basis due to short-term (i.e., 1-hour, 8-hour, and 24-hour) ambient air quality standards, GHG emissions are assessed on a long-term (annual or total) basis because these emissions have long-term effects. Because it was not necessary to evaluate short-term GHG emissions, it was not needed to look at the potential for phases that overlap on a given day.

The preliminary construction schedule given in Table 2-1 and the offroad equipment data given in Table 2-2 were used for the GHG emissions analysis.

As discussed in Section 2, impacts of criteria pollutant emissions are analyzed within the local area or air basin, in this case within Ventura County. GHG emissions, on the other hand, are global impacts and are usually assessed anywhere within California for CEQA analyses. Therefore, the criteria pollutant emissions and GHG emissions from construction were estimated in separate CalEEMod runs. The criteria pollutant emissions are provided in Attachment A.1 for the individual phases and in Attachment A.2 for the overlapping phases. The CalEEMod run in Attachment A.3 is for the GHG emissions where the hauling trips for Phase 6 use a distance of 298 miles (distance from the Ventura Steel Site to the Arizona State line). These distances are based on a conservative estimate that some of the supplies may come from outside of Ventura County and that some of the equipment may come from outside of California. The CalEEMod default distance of 20 miles was used for Phase 12 (i.e., Decommission/Demolition phase) hauling trips. The construction trip rates and mileages were summarized above in Table 2-4.

3.2 GHG Emissions for Construction/Demolition for the Ventura Steel Site

Table 3-1 shows a breakdown of Ventura Steel Site construction/demolition GHG emissions and Table 3-2 compares the GHG emissions from this alternative site to the Proposed Project. The CalEEMod output file for GHG emissions can be found in Attachment A.3. The total carbon dioxide equivalent (CO_{2e}) emissions over the 10-year construction period are 12,441 metric tons (MT) compared to less than a fourth of that at 3,006 MT for the Proposed Project. Typically, construction GHG emissions are amortized over the life of the project (usually 30 years). The amortized CO_{2e} emissions from the construction phase of the Ventura Steel Site are estimated at

415 MT of CO₂e per year, which is more than four times higher than the 100 MT of CO₂e per year estimated for the Proposed Project. This result indicates that the Ventura Steel Site would result in substantially greater construction-related GHG emissions compared to the Proposed Project.

Table 3-1: Estimated Construction GHG Emissions (MT) for the Ventura Steel Site

Construction Phase		Year	CO ₂	CH ₄	N ₂ O	R	CO ₂ e
A1	Site Assessment	2029	13	<1	<1	<1	13
A2	Soil Remediation	2030	379	<1	<1	<1	388
A3	Well Abandonment	2029-2031	4,184	<1	<1	<1	4,252
A4	Offsite Laydown Development	2036	223	<1	<1	<1	225
A5	Gas Pipeline Installation	2036-2037	4,109	<1	<1	<1	4,126
A6	Electrical Interconnect	2036	7	<1	<1	<1	7
1	Subsurface Exploration	2036	121	<1	<1	<1	122
2	Demo Existing Equipment & Piping	2036	143	<1	<1	<1	147
3	Site Preparation/Rough Grading	2036	259	<1	<1	<1	269
4	Foundations	2036-2037	766	<1	<1	<1	774
5	Trenching/Undergrounds	2037	43	<1	<1	<1	45
6	Equipment, Structural Steel & Building Erection, Piping	2037	868	<1	<1	<1	876
7	Electrical & Instrumentation	2037-2038	756	<1	<1	<1	761
8	Paving	2038	36	<1	<1	<1	37
9	Painting/Insulation	2038	26	<1	<1	<1	27
10	Commissioning/Startup and Testing	2038-2039	232	<1	<1	<1	234
11	Post Construction/Site Restoration	2039	17	<1	<1	<1	17
12	Decommission/Demolition	2040	121	<1	<1	<1	122
Total Construction Emissions			12,305	<1	<1	<1	12,441
Total 30-Year Amortized GHGs							415

Source: CalEEMod version 2022.1.1.30.

Table 3-2: Comparison of the Construction/Demolition Total GHG Emissions for the Proposed Project and the Ventura Steel Site

Scenario	Construction/Demolition CO ₂ e Emissions	
	Proposed Project	Ventura Steel Site
Construction Period, Years	2029-2033 ¹	2029-2040 ¹
Total Construction/Demolition GHG Emissions, MT	3,006	12,441
Amortized (30 Year) Construction/Demolition GHG Estimate (MT/year)	100	415

Notes:

- Proposed Project construction schedule from the PEA, Ventura Steel Site from Table 2-1.
- VCAPCD has not defined CEQA significance thresholds for GHG emissions. Other areas such as South Coast Air Quality Management District (SCAQMD 2023) have identified an industrial source GHG

emissions threshold of 10,000 MT/year, where a project's total amortized construction plus operation emissions are compared to the threshold. Since this report provides construction/demolition emissions only and does not include operations emissions at the Ventura Steel Site, a comparison to the SCAQMD threshold is not applicable.

4.0 CONCLUSIONS

This analysis shows that construction of the compressor station at the Ventura Steel Site would result in higher construction-related criteria pollutant and GHG emissions than the Proposed Project, both on a daily and total basis. The higher emissions are primarily due to the need for additional site preparation, well abandonment and soil remediation, gas pipeline installation, and longer construction duration. Overall, the Ventura Steel Site would have a greater impact on air quality compared to the Proposed Project, with NO_x emissions that are more than twice as much and CO impacts that are almost quadruple those for the Proposed Project. Similarly, the analysis indicates that the construction phase of the Ventura Steel Site would result in higher (quadruple) total GHG emissions compared to the Proposed Project.

We note that there are many uncertainties related to this analysis, most of which would tend to make the differences between the Proposed Project and the site alternative even greater:

- A prior version of CalEEMod was used for the Proposed Project, and since CalEEMod incorporates new regulatory emissions reductions, the estimated emissions for the Proposed Project would be lower if redone using a newer version;
- At the time the PEA was prepared, the construction of the Proposed Project was anticipated to begin in 2029, but that may be delayed due to the additional time needed for the CPUC process. A later start date would reflect a vehicle and construction equipment fleet that reflects more fleet turnover and more equipment meeting regulatory program requirements, and hence a project with a later start date for construction would result in lower emissions²;
- The compressor station at the alternative sites has not been designed/engineered to the same level as the Proposed Project. SoCalGas estimates that the alternative sites are only at about a 5% engineering level whereas the Proposed Project has been designed to approximately 15%; and
- Due to lack of site access and uncertainties related to the construction schedule, several simplifying assumptions were made related to the alternate site engineering, such as that the onsite construction equipment usage would be the same as the Proposed Project.

If the emissions for the Proposed Project are reduced or the emissions for the Ventura Steel Site are increased due to these factors, the difference between the Proposed Project and the alternative site would be greater, i.e., the air quality impacts from constructing at alternative site would be even worse.

² Per Table 2-1, the Ventura Steel Site Alternative is assumed to start construction in 2029.

5.0 REFERENCES

California Air Pollution Control Officers Association (CAPCOA). 2022. California Emissions Estimation Model® (CalEEMod). Version 2022.1.1.30. Website (<http://www.caleemod.com/>) accessed August 2025.

South Coast Air Quality Management District (SCAQMD). 2023. Air Quality Significance Thresholds. Website (<http://www.aqmd.gov/docs/default-source/ceqa/handbook/south-coast-aqmd-air-quality-significance-thresholds.pdf?sfvrsn=25>).

Ventura County Air Pollution Control District (VCAPCD). 2003. Ventura County Air Quality Assessment Guidelines. Website (<http://www.vcapcd.org/pubs/Planning/VCAQGuidelines.pdf>).

ATTACHMENT A – CALEEMOD OUTPUTS

ATTACHMENT A.1 – CRITERIA POLLUTANT EMISSIONS (INDIVIDUAL PHASES)

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report

Table of Contents

- 1. Basic Project Information
 - 1.1. Basic Project Information
 - 1.2. Land Use Types
 - 1.3. User-Selected Emission Reduction Measures by Emissions Sector
- 2. Emissions Summary
 - 2.1. Construction Emissions Compared Against Thresholds
 - 2.2. Construction Emissions by Year, Unmitigated
 - 2.3. Construction Emissions by Year, Mitigated
- 3. Construction Emissions Details
 - 3.1. 2-Demolition (Existing Buildings & Foundations) (2036) - Unmitigated
 - 3.2. 2-Demolition (Existing Buildings & Foundations) (2036) - Mitigated
 - 3.3. 12-Decommissioning Demolition (2040) - Unmitigated
 - 3.4. 12-Decommissioning Demolition (2040) - Mitigated
 - 3.5. 1-Subsurface Exploration (2035) - Unmitigated

- 3.6. 1-Subsurface Exploration (2035) - Mitigated
- 3.7. A4-Offsite Laydown Development (2036) - Unmitigated
- 3.8. A4-Offsite Laydown Development (2036) - Mitigated
- 3.9. A1-Site Assessment (2029) - Unmitigated
- 3.10. A1-Site Assessment (2029) - Mitigated
- 3.11. A2-Soil Remediation (2030) - Unmitigated
- 3.12. A2-Soil Remediation (2030) - Mitigated
- 3.13. 3-Site Preparation/ Rough Grading (2036) - Unmitigated
- 3.14. 3-Site Preparation/ Rough Grading (2036) - Mitigated
- 3.15. 4-Foundations (2036) - Unmitigated
- 3.16. 4-Foundations (2036) - Mitigated
- 3.17. 4-Foundations (2037) - Unmitigated
- 3.18. 4-Foundations (2037) - Mitigated
- 3.19. 10-Commissioning / Startup and Testing (2038) - Unmitigated
- 3.20. 10-Commissioning / Startup and Testing (2038) - Mitigated
- 3.21. 10-Commissioning / Startup and Testing (2039) - Unmitigated
- 3.22. 10-Commissioning / Startup and Testing (2039) - Mitigated
- 3.23. 6-Equipment , Structural Steel & Building Erection, Piping (2037) - Unmitigated

3.24. 6-Equipment , Structural Steel & Building Erection, Piping (2037) - Mitigated

3.25. 7-Electrical & Instrumentation (2037) - Unmitigated

3.26. 7-Electrical & Instrumentation (2037) - Mitigated

3.27. 7-Electrical & Instrumentation (2038) - Unmitigated

3.28. 7-Electrical & Instrumentation (2038) - Mitigated

3.29. 11-Post Construction / Site Restoration (2039) - Unmitigated

3.30. 11-Post Construction / Site Restoration (2039) - Mitigated

3.31. A3-Well Abandonment (2029) - Unmitigated

3.32. A3-Well Abandonment (2029) - Mitigated

3.33. A3-Well Abandonment (2030) - Unmitigated

3.34. A3-Well Abandonment (2030) - Mitigated

3.35. A3-Well Abandonment (2031) - Unmitigated

3.36. A3-Well Abandonment (2031) - Mitigated

3.37. A5-Gas Pipeline (2036) - Unmitigated

3.38. A5-Gas Pipeline (2036) - Mitigated

3.39. A5-Gas Pipeline (2037) - Unmitigated

3.40. A5-Gas Pipeline (2037) - Mitigated

3.41. A6-Electrical Interconnect (2036) - Unmitigated

3.42. A6-Electrical Interconnect (2036) - Mitigated

3.43. 8-Paving (2038) - Unmitigated

3.44. 8-Paving (2038) - Mitigated

3.45. 9-Painting/Insulation (2038) - Unmitigated

3.46. 9-Painting/Insulation (2038) - Mitigated

3.47. 5-Trenching/Undergrounds (2037) - Unmitigated

3.48. 5-Trenching/Undergrounds (2037) - Mitigated

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases
Construction Start Date	8/16/2029
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.20
Precipitation (days)	2.20
Location	34.31722641, -119.2893906
County	Ventura
City	Unincorporated
Air District	Ventura County APCD
Air Basin	South Central Coast
TAZ	3405
EDFZ	8
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

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
General Heavy Industry	5.46	1000sqft	0.13	5,459	0.00	—	—	—

General Heavy Industry	10.5	1000sqft	0.24	10,458	0.00	—	—	—
General Heavy Industry	2.02	1000sqft	0.05	2,016	0.00	—	—	—
General Heavy Industry	0.44	1000sqft	0.01	442	0.00	—	—	—
General Office Building	4.64	1000sqft	0.11	4,641	0.00	—	—	—
Other Asphalt Surfaces	344	1000sqft	7.89	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-10-C	Water Unpaved Construction Roads
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads
Construction	C-12	Sweep Paved Roads

* 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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.84	53.2	316	0.49	1.18	10.8	11.9	1.18	2.08	3.20	—	53,207	53,207	2.00	1.62	17.1	53,548
Mit.	6.84	53.2	316	0.49	1.18	10.8	11.9	1.18	2.08	3.20	—	53,207	53,207	2.00	1.62	17.1	53,548
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.68	51.5	314	0.48	1.16	3.23	4.38	1.16	0.88	1.95	—	51,465	51,465	1.98	1.62	0.44	51,749
Mit.	6.68	51.5	314	0.48	1.16	3.23	4.38	1.16	0.88	1.95	—	51,465	51,465	1.98	1.62	0.44	51,749
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.12	22.0	146	0.22	0.56	2.64	3.20	0.56	0.59	1.15	—	24,087	24,087	0.90	0.94	4.28	24,263
Mit.	3.12	22.0	146	0.22	0.56	2.64	3.20	0.56	0.59	1.15	—	24,087	24,087	0.90	0.94	4.28	24,263
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.57	4.02	26.6	0.04	0.10	0.48	0.58	0.10	0.11	0.21	—	3,988	3,988	0.15	0.16	0.71	4,017
Mit.	0.57	4.02	26.6	0.04	0.10	0.48	0.58	0.10	0.11	0.21	—	3,988	3,988	0.15	0.16	0.71	4,017
% 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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	2.49	21.8	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,961	21,961	0.73	1.14	12.7	22,333
2030	3.00	28.6	145	0.25	0.66	3.22	3.88	0.66	0.88	1.54	—	29,310	29,310	0.96	1.62	17.1	29,832
2031	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2035	0.53	3.84	24.6	0.05	0.10	0.46	0.56	0.10	0.12	0.22	—	5,563	5,563	0.20	0.16	1.07	5,617
2036	6.76	48.4	301	0.46	1.13	10.8	11.9	1.13	2.08	3.20	—	50,863	50,863	1.90	1.31	8.05	51,207

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

2037	6.84	53.2	316	0.49	1.18	3.93	5.11	1.18	0.98	2.16	—	53,207	53,207	2.00	0.96	5.39	53,548
2038	6.10	12.8	35.0	0.07	0.13	1.44	1.56	0.13	0.39	0.51	—	7,666	7,666	0.28	0.50	2.51	7,823
2039	—	—	—	—	—	—	—	—	—	—	—	8.39	8.39	< 0.005	< 0.005	—	8.42
2040	0.42	6.88	18.4	0.04	0.06	0.59	0.65	0.06	0.13	0.20	—	3,992	3,992	0.14	0.11	0.36	4,028
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	2.48	22.1	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,950	21,950	0.73	1.15	0.33	22,309
2030	3.00	29.0	145	0.25	0.66	3.22	3.88	0.66	0.88	1.54	—	29,294	29,294	0.96	1.62	0.44	29,800
2031	2.47	21.4	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,571	21,571	0.73	1.10	0.27	21,917
2035	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2036	5.92	43.6	281	0.41	1.04	2.65	3.69	1.04	0.66	1.70	—	44,631	44,631	1.72	0.68	0.11	44,877
2037	6.68	51.5	314	0.48	1.16	3.23	4.38	1.16	0.80	1.95	—	51,465	51,465	1.98	0.79	0.11	51,749
2038	6.10	12.9	35.0	0.07	0.13	1.44	1.56	0.13	0.39	0.51	—	7,653	7,653	0.28	0.50	0.07	7,807
2039	0.47	8.47	20.6	0.04	0.07	0.76	0.78	0.07	0.20	0.23	—	4,360	4,360	0.16	0.24	0.03	4,399
2040	0.42	6.91	18.4	0.04	0.06	0.59	0.65	0.06	0.13	0.20	—	3,986	3,986	0.14	0.11	0.01	4,021
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.68	6.01	33.3	0.05	0.15	0.59	0.74	0.15	0.16	0.31	—	6,005	6,005	0.20	0.31	1.48	6,104
2030	1.93	17.7	94.1	0.15	0.42	1.87	2.29	0.42	0.51	0.93	—	17,834	17,834	0.59	0.94	4.28	18,134
2031	0.43	3.78	21.4	0.03	0.09	0.38	0.47	0.09	0.10	0.20	—	3,799	3,799	0.13	0.19	0.79	3,861
2035	0.07	0.51	3.24	0.01	0.01	0.06	0.07	0.01	0.02	0.03	—	731	731	0.03	0.02	0.06	738
2036	3.12	22.0	146	0.22	0.56	2.64	3.20	0.56	0.59	1.15	—	24,087	24,087	0.90	0.51	1.41	24,263
2037	1.91	17.4	86.9	0.14	0.32	1.18	1.50	0.32	0.29	0.61	—	15,453	15,453	0.58	0.28	0.68	15,551
2038	1.12	7.18	22.3	0.05	0.08	0.42	0.50	0.08	0.11	0.19	—	4,859	4,859	0.18	0.13	0.26	4,902
2039	0.04	0.78	1.70	< 0.005	0.01	0.08	0.09	0.01	0.02	0.03	—	451	451	0.01	0.02	0.05	458
2040	0.08	1.27	3.37	0.01	0.01	0.11	0.12	0.01	0.02	0.04	—	732	732	0.03	0.02	0.03	738
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.12	1.10	6.07	0.01	0.03	0.11	0.13	0.03	0.03	0.06	—	994	994	0.03	0.05	0.25	1,011

2030	0.35	3.24	17.2	0.03	0.08	0.34	0.42	0.08	0.09	0.17	—	2,953	2,953	0.10	0.16	0.71	3,002
2031	0.08	0.69	3.91	0.01	0.02	0.07	0.09	0.02	0.02	0.04	—	629	629	0.02	0.03	0.13	639
2035	0.01	0.09	0.59	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	121	121	< 0.005	< 0.005	0.01	122
2036	0.57	4.02	26.6	0.04	0.10	0.48	0.58	0.10	0.11	0.21	—	3,988	3,988	0.15	0.08	0.23	4,017
2037	0.35	3.18	15.9	0.03	0.06	0.22	0.27	0.06	0.05	0.11	—	2,558	2,558	0.10	0.05	0.11	2,575
2038	0.20	1.31	4.07	0.01	0.01	0.08	0.09	0.01	0.02	0.03	—	804	804	0.03	0.02	0.04	812
2039	0.01	0.14	0.31	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	—	74.6	74.6	< 0.005	< 0.005	0.01	75.9
2040	0.01	0.23	0.61	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	121	121	< 0.005	< 0.005	< 0.005	122

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	2.49	21.8	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,961	21,961	0.73	1.14	12.7	22,333
2030	3.00	28.6	145	0.25	0.66	3.22	3.88	0.66	0.88	1.54	—	29,310	29,310	0.96	1.62	17.1	29,832
2031	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2035	0.53	3.84	24.6	0.05	0.10	0.46	0.56	0.10	0.12	0.22	—	5,563	5,563	0.20	0.16	1.07	5,617
2036	6.76	48.4	301	0.46	1.13	10.8	11.9	1.13	2.08	3.20	—	50,863	50,863	1.90	1.31	8.05	51,207
2037	6.84	53.2	316	0.49	1.18	3.93	5.11	1.18	0.98	2.16	—	53,207	53,207	2.00	0.96	5.39	53,548
2038	6.10	12.8	35.0	0.07	0.13	1.44	1.56	0.13	0.39	0.51	—	7,666	7,666	0.28	0.50	2.51	7,823
2039	—	—	—	—	—	—	—	—	—	—	—	8.39	8.39	< 0.005	< 0.005	—	8.42
2040	0.42	6.88	18.4	0.04	0.06	0.59	0.65	0.06	0.13	0.20	—	3,992	3,992	0.14	0.11	0.36	4,028
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	2.48	22.1	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,950	21,950	0.73	1.15	0.33	22,309
2030	3.00	29.0	145	0.25	0.66	3.22	3.88	0.66	0.88	1.54	—	29,294	29,294	0.96	1.62	0.44	29,800

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

2031	2.47	21.4	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,571	21,571	0.73	1.10	0.27	21,917
2035	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2036	5.92	43.6	281	0.41	1.04	2.65	3.69	1.04	0.66	1.70	—	44,631	44,631	1.72	0.68	0.11	44,877
2037	6.68	51.5	314	0.48	1.16	3.23	4.38	1.16	0.80	1.95	—	51,465	51,465	1.98	0.79	0.11	51,749
2038	6.10	12.9	35.0	0.07	0.13	1.44	1.56	0.13	0.39	0.51	—	7,653	7,653	0.28	0.50	0.07	7,807
2039	0.47	8.47	20.6	0.04	0.07	0.76	0.78	0.07	0.20	0.23	—	4,360	4,360	0.16	0.24	0.03	4,399
2040	0.42	6.91	18.4	0.04	0.06	0.59	0.65	0.06	0.13	0.20	—	3,986	3,986	0.14	0.11	0.01	4,021
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.68	6.01	33.3	0.05	0.15	0.59	0.74	0.15	0.16	0.31	—	6,005	6,005	0.20	0.31	1.48	6,104
2030	1.93	17.7	94.1	0.15	0.42	1.87	2.29	0.42	0.51	0.93	—	17,834	17,834	0.59	0.94	4.28	18,134
2031	0.43	3.78	21.4	0.03	0.09	0.38	0.47	0.09	0.10	0.20	—	3,799	3,799	0.13	0.19	0.79	3,861
2035	0.07	0.51	3.24	0.01	0.01	0.06	0.07	0.01	0.02	0.03	—	731	731	0.03	0.02	0.06	738
2036	3.12	22.0	146	0.22	0.56	2.64	3.20	0.56	0.59	1.15	—	24,087	24,087	0.90	0.51	1.41	24,263
2037	1.91	17.4	86.9	0.14	0.32	1.18	1.50	0.32	0.29	0.61	—	15,453	15,453	0.58	0.28	0.68	15,551
2038	1.12	7.18	22.3	0.05	0.08	0.42	0.50	0.08	0.11	0.19	—	4,859	4,859	0.18	0.13	0.26	4,902
2039	0.04	0.78	1.70	< 0.005	0.01	0.08	0.09	0.01	0.02	0.03	—	451	451	0.01	0.02	0.05	458
2040	0.08	1.27	3.37	0.01	0.01	0.11	0.12	0.01	0.02	0.04	—	732	732	0.03	0.02	0.03	738
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.12	1.10	6.07	0.01	0.03	0.11	0.13	0.03	0.03	0.06	—	994	994	0.03	0.05	0.25	1,011
2030	0.35	3.24	17.2	0.03	0.08	0.34	0.42	0.08	0.09	0.17	—	2,953	2,953	0.10	0.16	0.71	3,002
2031	0.08	0.69	3.91	0.01	0.02	0.07	0.09	0.02	0.02	0.04	—	629	629	0.02	0.03	0.13	639
2035	0.01	0.09	0.59	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	121	121	< 0.005	< 0.005	0.01	122
2036	0.57	4.02	26.6	0.04	0.10	0.48	0.58	0.10	0.11	0.21	—	3,988	3,988	0.15	0.08	0.23	4,017
2037	0.35	3.18	15.9	0.03	0.06	0.22	0.27	0.06	0.05	0.11	—	2,558	2,558	0.10	0.05	0.11	2,575
2038	0.20	1.31	4.07	0.01	0.01	0.08	0.09	0.01	0.02	0.03	—	804	804	0.03	0.02	0.04	812
2039	0.01	0.14	0.31	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	—	74.6	74.6	< 0.005	< 0.005	0.01	75.9
2040	0.01	0.23	0.61	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	121	121	< 0.005	< 0.005	< 0.005	122

3. Construction Emissions Details

3.1. 2-Demolition (Existing Buildings & Foundations) (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	4.67	20.3	0.04	0.07	—	0.07	0.07	—	0.07	—	3,718	3,718	0.15	0.03	—	3,731
Demolition	—	—	—	—	—	6.13	6.13	—	0.93	0.93	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.60	2.61	< 0.005	0.01	—	0.01	0.01	—	0.01	—	479	479	0.02	< 0.005	—	480
Demolition	—	—	—	—	—	0.79	0.79	—	0.12	0.12	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	—	79.5
Demolition	—	—	—	—	—	0.14	0.14	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.42	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	136	136	< 0.005	< 0.005	0.17	136
Vendor	< 0.005	0.18	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	174	174	< 0.005	0.03	0.15	182
Hauling	0.06	3.11	0.96	0.02	0.05	0.94	0.99	0.05	0.26	0.31	—	2,705	2,705	0.03	0.43	2.66	2,835
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.8	16.8	< 0.005	< 0.005	0.01	16.9
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.5	22.5	< 0.005	< 0.005	0.01	23.5
Hauling	0.01	0.41	0.12	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	348	348	< 0.005	0.05	0.15	365
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.79	2.79	< 0.005	< 0.005	< 0.005	2.80
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.72	3.72	< 0.005	< 0.005	< 0.005	3.89
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	57.7	57.7	< 0.005	0.01	0.02	60.4

3.2. 2-Demolition (Existing Buildings & Foundations) (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	4.67	20.3	0.04	0.07	—	0.07	0.07	—	0.07	—	3,718	3,718	0.15	0.03	—	3,731
Demolition	—	—	—	—	—	6.13	6.13	—	0.93	0.93	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.60	2.61	< 0.005	0.01	—	0.01	0.01	—	0.01	—	479	479	0.02	< 0.005	—	480
Demolition	—	—	—	—	—	0.79	0.79	—	0.12	0.12	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	—	79.5
Demolition	—	—	—	—	—	0.14	0.14	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.42	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	136	136	< 0.005	< 0.005	0.17	136
Vendor	< 0.005	0.18	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	174	174	< 0.005	0.03	0.15	182
Hauling	0.06	3.11	0.96	0.02	0.05	0.94	0.99	0.05	0.26	0.31	—	2,705	2,705	0.03	0.43	2.66	2,835
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.8	16.8	< 0.005	< 0.005	0.01	16.9
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.5	22.5	< 0.005	< 0.005	0.01	23.5

Hauling	0.01	0.41	0.12	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	348	348	< 0.005	0.05	0.15	365
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.79	2.79	< 0.005	< 0.005	< 0.005	2.80
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.72	3.72	< 0.005	< 0.005	< 0.005	3.89
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	57.7	57.7	< 0.005	0.01	0.02	60.4

3.3. 12-Decommissioning Demolition (2040) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	6.32	17.7	0.03	0.06	—	0.06	0.06	—	0.06	—	3,319	3,319	0.13	0.03	—	3,330
Demolition	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	6.32	17.7	0.03	0.06	—	0.06	0.06	—	0.06	—	3,319	3,319	0.13	0.03	—	3,330
Demolition	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	1.16	3.25	0.01	0.01	—	0.01	0.01	—	0.01	—	609	609	0.02	< 0.005	—	611

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Demoliti	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.21	0.59	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101
Demoliti on	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	168	168	< 0.005	< 0.005	0.12	168
Vendor	0.01	0.37	0.15	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.05	—	355	355	< 0.005	0.05	0.15	371
Hauling	< 0.005	0.17	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	147	147	< 0.005	0.02	0.09	154
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.43	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	160	160	< 0.005	< 0.005	< 0.005	161
Vendor	0.01	0.39	0.16	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.05	—	355	355	< 0.005	0.05	< 0.005	371
Hauling	< 0.005	0.17	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	147	147	< 0.005	0.02	< 0.005	154
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	29.7	29.7	< 0.005	< 0.005	0.01	29.8
Vendor	< 0.005	0.07	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	65.2	65.2	< 0.005	0.01	0.01	68.1
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.9	26.9	< 0.005	< 0.005	0.01	28.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.91	4.91	< 0.005	< 0.005	< 0.005	4.93
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	< 0.005	11.3
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.46	4.46	< 0.005	< 0.005	< 0.005	4.67

3.4. 12-Decommissioning Demolition (2040) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	6.32	17.7	0.03	0.06	—	0.06	0.06	—	0.06	—	3,319	3,319	0.13	0.03	—	3,330
Demolition	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	6.32	17.7	0.03	0.06	—	0.06	0.06	—	0.06	—	3,319	3,319	0.13	0.03	—	3,330
Demolition	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	1.16	3.25	0.01	0.01	—	0.01	0.01	—	0.01	—	609	609	0.02	< 0.005	—	611
Demolition	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.21	0.59	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101

Demoliti	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	168	168	< 0.005	< 0.005	0.12	168
Vendor	0.01	0.37	0.15	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.05	—	355	355	< 0.005	0.05	0.15	371
Hauling	< 0.005	0.17	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	147	147	< 0.005	0.02	0.09	154
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.43	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	160	160	< 0.005	< 0.005	< 0.005	161
Vendor	0.01	0.39	0.16	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.05	—	355	355	< 0.005	0.05	< 0.005	371
Hauling	< 0.005	0.17	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	147	147	< 0.005	0.02	< 0.005	154
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	29.7	29.7	< 0.005	< 0.005	0.01	29.8
Vendor	< 0.005	0.07	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	65.2	65.2	< 0.005	0.01	0.01	68.1
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.9	26.9	< 0.005	< 0.005	0.01	28.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.91	4.91	< 0.005	< 0.005	< 0.005	4.93
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	< 0.005	11.3
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.46	4.46	< 0.005	< 0.005	< 0.005	4.67

3.5. 1-Subsurface Exploration (2035) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	3.02	23.9	0.04	0.09	—	0.09	0.09	—	0.09	—	4,632	4,632	0.19	0.04	—	4,648
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.40	3.14	0.01	0.01	—	0.01	0.01	—	0.01	—	609	609	0.02	< 0.005	—	611
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.57	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.03	0.57	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	174	174	< 0.005	< 0.005	0.26	175
Vendor	< 0.005	0.19	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	180	180	< 0.005	0.03	0.17	189
Hauling	0.01	0.60	0.15	< 0.005	0.01	0.20	0.21	0.01	0.06	0.07	—	576	576	0.01	0.09	0.64	605
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	22.1	22.1	< 0.005	< 0.005	0.01	22.2
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.7	23.7	< 0.005	< 0.005	0.01	24.8
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	75.8	75.8	< 0.005	0.01	0.04	79.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.66	3.66	< 0.005	< 0.005	< 0.005	3.68
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.93	3.93	< 0.005	< 0.005	< 0.005	4.11
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	12.6	12.6	< 0.005	< 0.005	0.01	13.2

3.6. 1-Subsurface Exploration (2035) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	3.02	23.9	0.04	0.09	—	0.09	0.09	—	0.09	—	4,632	4,632	0.19	0.04	—	4,648
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.40	3.14	0.01	0.01	—	0.01	0.01	—	0.01	—	609	609	0.02	< 0.005	—	611
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.57	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.03	0.57	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	174	174	< 0.005	< 0.005	0.26	175
Vendor	< 0.005	0.19	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	180	180	< 0.005	0.03	0.17	189
Hauling	0.01	0.60	0.15	< 0.005	0.01	0.20	0.21	0.01	0.06	0.07	—	576	576	0.01	0.09	0.64	605
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	22.1	22.1	< 0.005	< 0.005	0.01	22.2

Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.7	23.7	< 0.005	< 0.005	0.01	24.8
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	75.8	75.8	< 0.005	0.01	0.04	79.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.66	3.66	< 0.005	< 0.005	< 0.005	3.68
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.93	3.93	< 0.005	< 0.005	< 0.005	4.11
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	12.6	12.6	< 0.005	< 0.005	0.01	13.2

3.7. A4-Offsite Laydown Development (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.87	11.6	44.5	0.09	0.15	—	0.15	0.15	—	0.15	—	8,457	8,457	0.34	0.07	—	8,486
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.50	5.73	0.01	0.02	—	0.02	0.02	—	0.02	—	1,089	1,089	0.04	0.01	—	1,093
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.27	1.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	180	180	0.01	< 0.005	—	181
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.61	0.29	5.10	0.00	0.00	1.88	1.88	0.00	0.44	0.44	—	1,639	1,639	0.03	0.02	2.10	1,647
Vendor	0.01	0.45	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	436	436	0.01	0.06	0.36	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.05	0.61	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	203	203	< 0.005	< 0.005	0.12	204
Vendor	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	56.2	56.2	< 0.005	0.01	0.02	58.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.7	33.7	< 0.005	< 0.005	0.02	33.8
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.30	9.30	< 0.005	< 0.005	< 0.005	9.72
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. A4-Offsite Laydown Development (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.87	11.6	44.5	0.09	0.15	—	0.15	0.15	—	0.15	—	8,457	8,457	0.34	0.07	—	8,486
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.50	5.73	0.01	0.02	—	0.02	0.02	—	0.02	—	1,089	1,089	0.04	0.01	—	1,093
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.27	1.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	180	180	0.01	< 0.005	—	181
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.61	0.29	5.10	0.00	0.00	1.88	1.88	0.00	0.44	0.44	—	1,639	1,639	0.03	0.02	2.10	1,647
Vendor	0.01	0.45	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	436	436	0.01	0.06	0.36	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.05	0.61	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	203	203	< 0.005	< 0.005	0.12	204
Vendor	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	56.2	56.2	< 0.005	0.01	0.02	58.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.7	33.7	< 0.005	< 0.005	0.02	33.8
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.30	9.30	< 0.005	< 0.005	< 0.005	9.72
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. A1-Site Assessment (2029) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.85	9.14	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,709

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.03	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	65.3	65.3	< 0.005	< 0.005	—	65.5
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.8	10.8	< 0.005	< 0.005	—	10.9
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.35	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	81.5	81.5	< 0.005	< 0.005	0.23	82.8
Vendor	0.01	0.25	0.08	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	221	221	< 0.005	0.03	0.43	232
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.01	3.01	< 0.005	< 0.005	< 0.005	3.06
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.49	8.49	< 0.005	< 0.005	0.01	8.88
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.51
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.47
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. A1-Site Assessment (2029) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.85	9.14	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,709
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Off-Road Equipment	0.01	0.03	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	65.3	65.3	< 0.005	< 0.005	—	65.5
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.8	10.8	< 0.005	< 0.005	—	10.9
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.35	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	81.5	81.5	< 0.005	< 0.005	0.23	82.8
Vendor	0.01	0.25	0.08	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	221	221	< 0.005	0.03	0.43	232
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.01	3.01	< 0.005	< 0.005	< 0.005	3.06
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.49	8.49	< 0.005	< 0.005	0.01	8.88
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.51

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.47
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. A2-Soil Remediation (2030) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	3.71	22.1	0.04	0.08	—	0.08	0.08	—	0.08	—	4,331	4,331	0.18	0.04	—	4,345
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	3.71	22.1	0.04	0.08	—	0.08	0.08	—	0.08	—	4,331	4,331	0.18	0.04	—	4,345
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.13	6.73	0.01	0.02	—	0.02	0.02	—	0.02	—	1,317	1,317	0.05	0.01	—	1,321

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.21	1.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	218	218	0.01	< 0.005	—	219
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.50	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	120	120	< 0.005	0.01	0.31	122
Vendor	0.01	0.35	0.12	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	322	322	< 0.005	0.05	0.56	336
Hauling	0.03	3.04	0.70	0.02	0.04	0.83	0.87	0.04	0.23	0.27	—	2,768	2,768	0.05	0.43	4.79	2,902
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.47	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	115	115	< 0.005	0.01	0.01	117
Vendor	0.01	0.37	0.12	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	322	322	< 0.005	0.05	0.01	336
Hauling	0.03	3.15	0.71	0.02	0.04	0.83	0.87	0.04	0.23	0.27	—	2,769	2,769	0.05	0.43	0.12	2,898
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.14	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	35.2	35.2	< 0.005	< 0.005	0.04	35.7
Vendor	< 0.005	0.11	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	97.9	97.9	< 0.005	0.01	0.07	102
Hauling	0.01	0.96	0.21	0.01	0.01	0.25	0.27	0.01	0.07	0.08	—	842	842	0.01	0.13	0.63	882
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.83	5.83	< 0.005	< 0.005	0.01	5.92
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	16.2	16.2	< 0.005	< 0.005	0.01	16.9
Hauling	< 0.005	0.18	0.04	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	139	139	< 0.005	0.02	0.10	146

3.12. A2-Soil Remediation (2030) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	3.71	22.1	0.04	0.08	—	0.08	0.08	—	0.08	—	4,331	4,331	0.18	0.04	—	4,345
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	3.71	22.1	0.04	0.08	—	0.08	0.08	—	0.08	—	4,331	4,331	0.18	0.04	—	4,345
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.13	6.73	0.01	0.02	—	0.02	0.02	—	0.02	—	1,317	1,317	0.05	0.01	—	1,321

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.21	1.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	218	218	0.01	< 0.005	—	219
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.50	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	120	120	< 0.005	0.01	0.31	122
Vendor	0.01	0.35	0.12	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	322	322	< 0.005	0.05	0.56	336
Hauling	0.03	3.04	0.70	0.02	0.04	0.83	0.87	0.04	0.23	0.27	—	2,768	2,768	0.05	0.43	4.79	2,902
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.47	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	115	115	< 0.005	0.01	0.01	117
Vendor	0.01	0.37	0.12	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	322	322	< 0.005	0.05	0.01	336
Hauling	0.03	3.15	0.71	0.02	0.04	0.83	0.87	0.04	0.23	0.27	—	2,769	2,769	0.05	0.43	0.12	2,898
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.14	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	35.2	35.2	< 0.005	< 0.005	0.04	35.7
Vendor	< 0.005	0.11	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	97.9	97.9	< 0.005	0.01	0.07	102
Hauling	0.01	0.96	0.21	0.01	0.01	0.25	0.27	0.01	0.07	0.08	—	842	842	0.01	0.13	0.63	882
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.83	5.83	< 0.005	< 0.005	0.01	5.92
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	16.2	16.2	< 0.005	< 0.005	0.01	16.9
Hauling	< 0.005	0.18	0.04	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	139	139	< 0.005	0.02	0.10	146

3.13. 3-Site Preparation/ Rough Grading (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	1.86	12.2	0.02	0.04	—	0.04	0.04	—	0.04	—	2,280	2,280	0.09	0.02	—	2,288
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.34	2.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	419	419	0.02	< 0.005	—	420
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.06	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.3	69.3	< 0.005	< 0.005	—	69.5
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.03	0.57	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	185	185	< 0.005	< 0.005	0.24	186
Vendor	0.01	0.23	0.09	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	218	218	< 0.005	0.03	0.18	228
Hauling	0.08	6.02	1.48	0.05	0.10	2.07	2.17	0.10	0.58	0.68	—	5,861	5,861	0.06	0.92	5.85	6,143
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	32.7	32.7	< 0.005	< 0.005	0.02	32.8
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	40.1	40.1	< 0.005	0.01	0.01	41.9
Hauling	0.02	1.15	0.27	0.01	0.02	0.38	0.40	0.02	0.11	0.13	—	1,076	1,076	0.01	0.17	0.46	1,127
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.41	5.41	< 0.005	< 0.005	< 0.005	5.44
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.63	6.63	< 0.005	< 0.005	< 0.005	6.93
Hauling	< 0.005	0.21	0.05	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	178	178	< 0.005	0.03	0.08	187

3.14. 3-Site Preparation/ Rough Grading (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	1.86	12.2	0.02	0.04	—	0.04	0.04	—	0.04	—	2,280	2,280	0.09	0.02	—	2,288
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.34	2.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	419	419	0.02	< 0.005	—	420
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.3	69.3	< 0.005	< 0.005	—	69.5
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.03	0.57	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	185	185	< 0.005	< 0.005	0.24	186
Vendor	0.01	0.23	0.09	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	218	218	< 0.005	0.03	0.18	228
Hauling	0.08	6.02	1.48	0.05	0.10	2.07	2.17	0.10	0.58	0.68	—	5,861	5,861	0.06	0.92	5.85	6,143
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	32.7	32.7	< 0.005	< 0.005	0.02	32.8
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	40.1	40.1	< 0.005	0.01	0.01	41.9
Hauling	0.02	1.15	0.27	0.01	0.02	0.38	0.40	0.02	0.11	0.13	—	1,076	1,076	0.01	0.17	0.46	1,127
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.41	5.41	< 0.005	< 0.005	< 0.005	5.44
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.63	6.63	< 0.005	< 0.005	< 0.005	6.93
Hauling	< 0.005	0.21	0.05	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	178	178	< 0.005	0.03	0.08	187

3.15. 4-Foundations (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	2.23	9.64	0.02	0.03	—	0.03	0.03	—	0.03	—	1,779	1,779	0.07	0.01	—	1,785
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.41	1.76	< 0.005	0.01	—	0.01	0.01	—	0.01	—	295	295	0.01	< 0.005	—	296
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.07	1.30	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	419	419	0.01	< 0.005	0.54	421
Vendor	0.01	0.36	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	349	349	0.01	0.05	0.29	365
Hauling	0.02	1.16	0.28	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,127	1,127	0.01	0.18	1.12	1,181
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.09	1.24	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	401	401	0.01	< 0.005	0.01	403
Vendor	0.01	0.38	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	349	349	0.01	0.05	0.01	365
Hauling	0.02	1.21	0.29	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,127	1,127	0.01	0.18	0.03	1,181
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.27	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	90.9	90.9	< 0.005	< 0.005	0.05	91.3
Vendor	< 0.005	0.08	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	78.6	78.6	< 0.005	0.01	0.03	82.1
Hauling	< 0.005	0.27	0.06	< 0.005	< 0.005	0.09	0.09	< 0.005	0.03	0.03	—	254	254	< 0.005	0.04	0.11	266
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	0.01	15.1
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.0	13.0	< 0.005	< 0.005	< 0.005	13.6
Hauling	< 0.005	0.05	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	42.0	42.0	< 0.005	0.01	0.02	44.0

3.16. 4-Foundations (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	2.23	9.64	0.02	0.03	—	0.03	0.03	—	0.03	—	1,779	1,779	0.07	0.01	—	1,785
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.41	1.76	< 0.005	0.01	—	0.01	0.01	—	0.01	—	295	295	0.01	< 0.005	—	296
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.07	1.30	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	419	419	0.01	< 0.005	0.54	421
Vendor	0.01	0.36	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	349	349	0.01	0.05	0.29	365
Hauling	0.02	1.16	0.28	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,127	1,127	0.01	0.18	1.12	1,181
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.09	1.24	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	401	401	0.01	< 0.005	0.01	403
Vendor	0.01	0.38	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	349	349	0.01	0.05	0.01	365
Hauling	0.02	1.21	0.29	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,127	1,127	0.01	0.18	0.03	1,181
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.27	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	90.9	90.9	< 0.005	< 0.005	0.05	91.3
Vendor	< 0.005	0.08	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	78.6	78.6	< 0.005	0.01	0.03	82.1
Hauling	< 0.005	0.27	0.06	< 0.005	< 0.005	0.09	0.09	< 0.005	0.03	0.03	—	254	254	< 0.005	0.04	0.11	266
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	0.01	15.1
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.0	13.0	< 0.005	< 0.005	< 0.005	13.6
Hauling	< 0.005	0.05	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	42.0	42.0	< 0.005	0.01	0.02	44.0

3.17. 4-Foundations (2037) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	2.46	10.6	0.02	0.04	—	0.04	0.04	—	0.04	—	1,965	1,965	0.08	0.02	—	1,972
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.45	1.94	< 0.005	0.01	—	0.01	0.01	—	0.01	—	325	325	0.01	< 0.005	—	326
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.07	1.24	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	415	415	0.01	< 0.005	0.46	417
Vendor	0.01	0.35	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.24	354
Hauling	0.02	1.12	0.29	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,105	1,105	0.01	0.18	0.98	1,159
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.08	1.18	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	397	397	0.01	< 0.005	0.01	399
Vendor	0.01	0.37	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.01	355

Hauling	0.02	1.17	0.28	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,105	1,105	0.01	0.18	0.03	1,158
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.29	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	99.4	99.4	< 0.005	< 0.005	0.05	99.8
Vendor	< 0.005	0.09	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	84.2	84.2	< 0.005	0.01	0.03	88.1
Hauling	< 0.005	0.29	0.07	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	275	275	< 0.005	0.04	0.11	288
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	16.5	16.5	< 0.005	< 0.005	0.01	16.5
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.9	13.9	< 0.005	< 0.005	< 0.005	14.6
Hauling	< 0.005	0.05	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	45.5	45.5	< 0.005	0.01	0.02	47.7

3.18. 4-Foundations (2037) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Off-Road Equipment	0.20	2.46	10.6	0.02	0.04	—	0.04	0.04	—	0.04	—	1,965	1,965	0.08	0.02	—	1,972
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.45	1.94	< 0.005	0.01	—	0.01	0.01	—	0.01	—	325	325	0.01	< 0.005	—	326
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.07	1.24	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	415	415	0.01	< 0.005	0.46	417
Vendor	0.01	0.35	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.24	354
Hauling	0.02	1.12	0.29	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,105	1,105	0.01	0.18	0.98	1,159
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.08	1.18	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	397	397	0.01	< 0.005	0.01	399
Vendor	0.01	0.37	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.01	355
Hauling	0.02	1.17	0.28	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,105	1,105	0.01	0.18	0.03	1,158
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.29	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	99.4	99.4	< 0.005	< 0.005	0.05	99.8
Vendor	< 0.005	0.09	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	84.2	84.2	< 0.005	0.01	0.03	88.1
Hauling	< 0.005	0.29	0.07	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	275	275	< 0.005	0.04	0.11	288
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	16.5	16.5	< 0.005	< 0.005	0.01	16.5
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.9	13.9	< 0.005	< 0.005	< 0.005	14.6
Hauling	< 0.005	0.05	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	45.5	45.5	< 0.005	0.01	0.02	47.7

3.19. 10-Commissioning / Startup and Testing (2038) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	1.89	4.81	0.01	0.02	—	0.02	0.02	—	0.02	—	873	873	0.04	0.01	—	876
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.34	0.88	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	144	144	0.01	< 0.005	—	145
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.03	0.49	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	170	170	< 0.005	< 0.005	0.16	171
Vendor	0.01	0.26	0.10	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	249	249	< 0.005	0.04	0.15	260
Hauling	< 0.005	0.34	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	327	327	< 0.005	0.05	0.26	344
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.03	0.46	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	163	163	< 0.005	< 0.005	< 0.005	163
Vendor	0.01	0.27	0.11	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	249	249	< 0.005	0.04	< 0.005	260
Hauling	< 0.005	0.35	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	328	328	< 0.005	0.05	0.01	343
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	39.5	39.5	< 0.005	< 0.005	0.02	39.6
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	59.9	59.9	< 0.005	0.01	0.02	62.5
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	78.8	78.8	< 0.005	0.01	0.03	82.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.53	6.53	< 0.005	< 0.005	< 0.005	6.56
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.91	9.91	< 0.005	< 0.005	< 0.005	10.4
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	< 0.005	13.7

3.20. 10-Commissioning / Startup and Testing (2038) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	1.89	4.81	0.01	0.02	—	0.02	0.02	—	0.02	—	873	873	0.04	0.01	—	876
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.34	0.88	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	144	144	0.01	< 0.005	—	145
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.03	0.49	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	170	170	< 0.005	< 0.005	0.16	171
Vendor	0.01	0.26	0.10	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	249	249	< 0.005	0.04	0.15	260
Hauling	< 0.005	0.34	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	327	327	< 0.005	0.05	0.26	344
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.03	0.46	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	163	163	< 0.005	< 0.005	< 0.005	163
Vendor	0.01	0.27	0.11	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	249	249	< 0.005	0.04	< 0.005	260
Hauling	< 0.005	0.35	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	328	328	< 0.005	0.05	0.01	343
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	39.5	39.5	< 0.005	< 0.005	0.02	39.6

Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	59.9	59.9	< 0.005	0.01	0.02	62.5
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	78.8	78.8	< 0.005	0.01	0.03	82.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.53	6.53	< 0.005	< 0.005	< 0.005	6.56
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.91	9.91	< 0.005	< 0.005	< 0.005	10.4
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	< 0.005	13.7

3.21. 10-Commissioning / Startup and Testing (2039) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.63	1.60	< 0.005	0.01	—	0.01	0.01	—	0.01	—	291	291	0.01	< 0.005	—	292
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	48.2	48.2	< 0.005	< 0.005	—	48.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	162	162	< 0.005	< 0.005	< 0.005	162
Vendor	0.01	0.27	0.10	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	243	243	< 0.005	0.04	< 0.005	253
Hauling	< 0.005	0.34	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	322	322	< 0.005	0.05	0.01	337
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	< 0.005	13.1
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.5	19.5	< 0.005	< 0.005	< 0.005	20.3
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.9	25.9	< 0.005	< 0.005	0.01	27.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.16	2.16	< 0.005	< 0.005	< 0.005	2.17
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.22	3.22	< 0.005	< 0.005	< 0.005	3.37
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.28	4.28	< 0.005	< 0.005	< 0.005	4.48

3.22. 10-Commissioning / Startup and Testing (2039) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.63	1.60	< 0.005	0.01	—	0.01	0.01	—	0.01	—	291	291	0.01	< 0.005	—	292
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	48.2	48.2	< 0.005	< 0.005	—	48.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	162	162	< 0.005	< 0.005	< 0.005	162
Vendor	0.01	0.27	0.10	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	243	243	< 0.005	0.04	< 0.005	253
Hauling	< 0.005	0.34	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	322	322	< 0.005	0.05	0.01	337
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	< 0.005	13.1
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.5	19.5	< 0.005	< 0.005	< 0.005	20.3
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.9	25.9	< 0.005	< 0.005	0.01	27.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.16	2.16	< 0.005	< 0.005	< 0.005	2.17
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.22	3.22	< 0.005	< 0.005	< 0.005	3.37
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.28	4.28	< 0.005	< 0.005	< 0.005	4.48

3.23. 6-Equipment , Structural Steel & Building Erection, Piping (2037) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	11.2	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,155	7,155	0.29	0.06	—	7,180
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	11.2	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,155	7,155	0.29	0.06	—	7,180
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	6.66	22.8	0.04	0.08	—	0.08	0.08	—	0.08	—	4,254	4,254	0.17	0.03	—	4,268
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	1.22	4.17	0.01	0.01	—	0.01	0.01	—	0.01	—	704	704	0.03	0.01	—	707
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.17	0.08	1.42	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	476	476	0.01	0.01	0.53	478
Vendor	0.01	0.48	0.19	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	466	466	0.01	0.07	0.33	487
Hauling	< 0.005	0.11	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	110	110	< 0.005	0.02	0.10	116
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.09	1.35	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	456	456	0.01	0.01	0.01	457
Vendor	0.01	0.51	0.19	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	466	466	0.01	0.07	0.01	488
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	111	111	< 0.005	0.02	< 0.005	116
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.05	0.80	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	273	273	0.01	< 0.005	0.14	274
Vendor	0.01	0.30	0.11	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	277	277	< 0.005	0.04	0.09	290
Hauling	< 0.005	0.07	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	65.7	65.7	< 0.005	0.01	0.03	68.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.15	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	45.2	45.2	< 0.005	< 0.005	0.02	45.4
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	45.9	45.9	< 0.005	0.01	0.01	48.0
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.9	10.9	< 0.005	< 0.005	< 0.005	11.4

3.24. 6-Equipment , Structural Steel & Building Erection, Piping (2037) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	11.2	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,155	7,155	0.29	0.06	—	7,180
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	11.2	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,155	7,155	0.29	0.06	—	7,180
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	6.66	22.8	0.04	0.08	—	0.08	0.08	—	0.08	—	4,254	4,254	0.17	0.03	—	4,268
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	1.22	4.17	0.01	0.01	—	0.01	0.01	—	0.01	—	704	704	0.03	0.01	—	707
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.08	1.42	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	476	476	0.01	0.01	0.53	478
Vendor	0.01	0.48	0.19	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	466	466	0.01	0.07	0.33	487
Hauling	< 0.005	0.11	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	110	110	< 0.005	0.02	0.10	116
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.09	1.35	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	456	456	0.01	0.01	0.01	457
Vendor	0.01	0.51	0.19	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	466	466	0.01	0.07	0.01	488
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	111	111	< 0.005	0.02	< 0.005	116
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.05	0.80	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	273	273	0.01	< 0.005	0.14	274

Vendor	0.01	0.30	0.11	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	277	277	< 0.005	0.04	0.09	290
Hauling	< 0.005	0.07	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	65.7	65.7	< 0.005	0.01	0.03	68.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.15	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	45.2	45.2	< 0.005	< 0.005	0.02	45.4
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	45.9	45.9	< 0.005	0.01	0.01	48.0
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.9	10.9	< 0.005	< 0.005	< 0.005	11.4

3.25. 7-Electrical & Instrumentation (2037) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	9.26	34.2	0.07	0.12	—	0.12	0.12	—	0.12	—	6,593	6,593	0.27	0.05	—	6,616
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.45	5.36	0.01	0.02	—	0.02	0.02	—	0.02	—	1,032	1,032	0.04	0.01	—	1,036
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.26	0.98	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	171	171	0.01	< 0.005	—	171
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.62	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	210	210	< 0.005	< 0.005	0.01	211
Vendor	0.01	0.37	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.01	355
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	111	111	< 0.005	0.02	< 0.005	116
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.2	33.2	< 0.005	< 0.005	0.02	33.3
Vendor	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	53.0	53.0	< 0.005	0.01	0.02	55.5
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	17.3	17.3	< 0.005	< 0.005	0.01	18.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.49	5.49	< 0.005	< 0.005	< 0.005	5.51
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.78	8.78	< 0.005	< 0.005	< 0.005	9.19
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.86	2.86	< 0.005	< 0.005	< 0.005	3.00

3.26. 7-Electrical & Instrumentation (2037) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	9.26	34.2	0.07	0.12	—	0.12	0.12	—	0.12	—	6,593	6,593	0.27	0.05	—	6,616

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.45	5.36	0.01	0.02	—	0.02	0.02	—	0.02	—	1,032	1,032	0.04	0.01	—	1,036
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.26	0.98	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	171	171	0.01	< 0.005	—	171
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.62	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	210	210	< 0.005	< 0.005	0.01	211
Vendor	0.01	0.37	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.01	355
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	111	111	< 0.005	0.02	< 0.005	116
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.2	33.2	< 0.005	< 0.005	0.02	33.3
Vendor	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	53.0	53.0	< 0.005	0.01	0.02	55.5
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	17.3	17.3	< 0.005	< 0.005	0.01	18.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.49	5.49	< 0.005	< 0.005	< 0.005	5.51
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.78	8.78	< 0.005	< 0.005	< 0.005	9.19
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.86	2.86	< 0.005	< 0.005	< 0.005	3.00

3.27. 7-Electrical & Instrumentation (2038) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	9.26	34.2	0.07	0.12	—	0.12	0.12	—	0.12	—	6,593	6,593	0.27	0.05	—	6,616
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	9.26	34.2	0.07	0.12	—	0.12	0.12	—	0.12	—	6,593	6,593	0.27	0.05	—	6,616
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	4.38	16.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,122	3,122	0.13	0.03	—	3,133
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.80	2.96	0.01	0.01	—	0.01	0.01	—	0.01	—	517	517	0.02	< 0.005	—	519
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.08	0.04	0.63	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	219	219	< 0.005	< 0.005	0.21	220
Vendor	0.01	0.35	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	332	332	0.01	0.05	0.20	346
Hauling	< 0.005	0.11	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	109	109	< 0.005	0.02	0.09	115
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.60	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	209	209	< 0.005	< 0.005	0.01	210
Vendor	0.01	0.36	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	332	332	0.01	0.05	0.01	346
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	109	109	< 0.005	0.02	< 0.005	114
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.28	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	99.8	99.8	< 0.005	< 0.005	0.04	100
Vendor	< 0.005	0.17	0.07	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	157	157	< 0.005	0.02	0.04	164
Hauling	< 0.005	0.06	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	51.7	51.7	< 0.005	0.01	0.02	54.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	16.5	16.5	< 0.005	< 0.005	0.01	16.6
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.0	26.0	< 0.005	< 0.005	0.01	27.2
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.56	8.56	< 0.005	< 0.005	< 0.005	8.98

3.28. 7-Electrical & Instrumentation (2038) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	9.26	34.2	0.07	0.12	—	0.12	0.12	—	0.12	—	6,593	6,593	0.27	0.05	—	6,616
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	9.26	34.2	0.07	0.12	—	0.12	0.12	—	0.12	—	6,593	6,593	0.27	0.05	—	6,616
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	4.38	16.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,122	3,122	0.13	0.03	—	3,133
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.80	2.96	0.01	0.01	—	0.01	0.01	—	0.01	—	517	517	0.02	< 0.005	—	519
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.63	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	219	219	< 0.005	< 0.005	0.21	220
Vendor	0.01	0.35	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	332	332	0.01	0.05	0.20	346
Hauling	< 0.005	0.11	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	109	109	< 0.005	0.02	0.09	115
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.60	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	209	209	< 0.005	< 0.005	0.01	210
Vendor	0.01	0.36	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	332	332	0.01	0.05	0.01	346
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	109	109	< 0.005	0.02	< 0.005	114
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.28	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	99.8	99.8	< 0.005	< 0.005	0.04	100

Vendor	< 0.005	0.17	0.07	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	157	157	< 0.005	0.02	0.04	164
Hauling	< 0.005	0.06	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	51.7	51.7	< 0.005	0.01	0.02	54.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	16.5	16.5	< 0.005	< 0.005	0.01	16.6
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.0	26.0	< 0.005	< 0.005	0.01	27.2
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.56	8.56	< 0.005	< 0.005	< 0.005	8.98

3.29. 11-Post Construction / Site Restoration (2039) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	162	162	< 0.005	< 0.005	< 0.005	162
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.59	0.38	0.01	0.03	0.56	0.58	0.03	0.16	0.18	—	1,504	1,504	0.02	0.23	0.03	1,574
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.81	9.81	< 0.005	< 0.005	< 0.005	9.85
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.10	0.02	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	90.6	90.6	< 0.005	0.01	0.03	94.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.62	1.62	< 0.005	< 0.005	< 0.005	1.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	< 0.005	15.7

3.30. 11-Post Construction / Site Restoration (2039) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	162	162	< 0.005	< 0.005	< 0.005	162
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.59	0.38	0.01	0.03	0.56	0.58	0.03	0.16	0.18	—	1,504	1,504	0.02	0.23	0.03	1,574
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.81	9.81	< 0.005	< 0.005	< 0.005	9.85
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.10	0.02	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	90.6	90.6	< 0.005	0.01	0.03	94.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.62	1.62	< 0.005	< 0.005	< 0.005	1.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	< 0.005	15.7

3.31. A3-Well Abandonment (2029) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.61	3.93	32.2	0.04	0.12	—	0.12	0.12	—	0.12	—	4,128	4,128	0.17	0.03	—	4,143
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.72	5.87	0.01	0.02	—	0.02	0.02	—	0.02	—	684	684	0.03	0.01	—	686
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.08	1.23	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	285	285	0.01	0.01	0.82	290
Vendor	0.01	0.28	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	249	249	< 0.005	0.04	0.48	261
Hauling	0.07	6.88	1.52	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	6,139	6,139	0.10	0.97	11.4	6,442
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	1.17	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	273	273	0.01	0.01	0.02	277
Vendor	0.01	0.29	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	249	249	< 0.005	0.04	0.01	260

Hauling	0.07	7.13	1.54	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	6,140	6,140	0.10	0.97	0.29	6,432
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.31	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	74.2	74.2	< 0.005	< 0.005	0.10	75.3
Vendor	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	67.3	67.3	< 0.005	0.01	0.06	70.3
Hauling	0.02	1.93	0.41	0.01	0.02	0.48	0.51	0.02	0.14	0.16	—	1,658	1,658	0.03	0.26	1.32	1,738
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.02	12.5
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	0.01	11.6
Hauling	< 0.005	0.35	0.08	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	275	275	< 0.005	0.04	0.22	288

3.32. A3-Well Abandonment (2029) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Off-Road Equipment	0.61	3.93	32.2	0.04	0.12	—	0.12	0.12	—	0.12	—	4,128	4,128	0.17	0.03	—	4,143
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.72	5.87	0.01	0.02	—	0.02	0.02	—	0.02	—	684	684	0.03	0.01	—	686
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.08	1.23	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	285	285	0.01	0.01	0.82	290
Vendor	0.01	0.28	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	249	249	< 0.005	0.04	0.48	261
Hauling	0.07	6.88	1.52	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	6,139	6,139	0.10	0.97	11.4	6,442
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	1.17	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	273	273	0.01	0.01	0.02	277
Vendor	0.01	0.29	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	249	249	< 0.005	0.04	0.01	260
Hauling	0.07	7.13	1.54	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	6,140	6,140	0.10	0.97	0.29	6,432
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.31	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	74.2	74.2	< 0.005	< 0.005	0.10	75.3
Vendor	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	67.3	67.3	< 0.005	0.01	0.06	70.3
Hauling	0.02	1.93	0.41	0.01	0.02	0.48	0.51	0.02	0.14	0.16	—	1,658	1,658	0.03	0.26	1.32	1,738
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.02	12.5
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	0.01	11.6
Hauling	< 0.005	0.35	0.08	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	275	275	< 0.005	0.04	0.22	288

3.33. A3-Well Abandonment (2030) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,339
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,339
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.63	10.4	85.0	0.10	0.32	—	0.32	0.32	—	0.32	—	10,919	10,919	0.44	0.09	—	10,957
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	1.90	15.5	0.02	0.06	—	0.06	0.06	—	0.06	—	1,808	1,808	0.07	0.01	—	1,814
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.12	0.08	1.16	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	280	280	0.01	0.01	0.73	285
Vendor	0.01	0.26	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	241	241	< 0.005	0.04	0.42	252
Hauling	0.07	6.57	1.53	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,960	5,960	0.10	0.93	10.3	6,250
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.09	1.10	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	268	268	0.01	0.01	0.02	272
Vendor	0.01	0.27	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	242	242	< 0.005	0.04	0.01	252
Hauling	0.07	6.82	1.54	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,962	5,962	0.10	0.93	0.27	6,241
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.06	0.78	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	193	193	< 0.005	0.01	0.23	196
Vendor	< 0.005	0.20	0.06	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	172	172	< 0.005	0.03	0.13	180
Hauling	0.05	4.89	1.10	0.03	0.06	1.28	1.34	0.06	0.36	0.42	—	4,258	4,258	0.07	0.66	3.18	4,460
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.14	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	32.0	32.0	< 0.005	< 0.005	0.04	32.4
Vendor	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.6	28.6	< 0.005	< 0.005	0.02	29.8
Hauling	0.01	0.89	0.20	0.01	0.01	0.23	0.24	0.01	0.07	0.08	—	705	705	0.01	0.11	0.53	738

3.34. A3-Well Abandonment (2030) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,339
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,339
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.63	10.4	85.0	0.10	0.32	—	0.32	0.32	—	0.32	—	10,919	10,919	0.44	0.09	—	10,957
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	1.90	15.5	0.02	0.06	—	0.06	0.06	—	0.06	—	1,808	1,808	0.07	0.01	—	1,814
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.08	1.16	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	280	280	0.01	0.01	0.73	285
Vendor	0.01	0.26	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	241	241	< 0.005	0.04	0.42	252
Hauling	0.07	6.57	1.53	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,960	5,960	0.10	0.93	10.3	6,250
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.09	1.10	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	268	268	0.01	0.01	0.02	272
Vendor	0.01	0.27	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	242	242	< 0.005	0.04	0.01	252
Hauling	0.07	6.82	1.54	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,962	5,962	0.10	0.93	0.27	6,241
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.06	0.78	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	193	193	< 0.005	0.01	0.23	196

Vendor	< 0.005	0.20	0.06	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	172	172	< 0.005	0.03	0.13	180
Hauling	0.05	4.89	1.10	0.03	0.06	1.28	1.34	0.06	0.36	0.42	—	4,258	4,258	0.07	0.66	3.18	4,460
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.14	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	32.0	32.0	< 0.005	< 0.005	0.04	32.4
Vendor	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.6	28.6	< 0.005	< 0.005	0.02	29.8
Hauling	0.01	0.89	0.20	0.01	0.01	0.23	0.24	0.01	0.07	0.08	—	705	705	0.01	0.11	0.53	738

3.35. A3-Well Abandonment (2031) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	2.56	21.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,692	2,692	0.11	0.02	—	2,702
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.47	3.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	446	446	0.02	< 0.005	—	447
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.08	1.03	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	264	264	0.01	0.01	0.02	268
Vendor	0.01	0.26	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	233	233	< 0.005	0.04	0.01	244
Hauling	0.07	6.55	1.50	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,787	5,787	0.10	0.93	0.24	6,066
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.18	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	46.8	46.8	< 0.005	< 0.005	0.05	47.5
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.1	41.1	< 0.005	0.01	0.03	43.0
Hauling	0.01	1.16	0.26	0.01	0.02	0.32	0.33	0.02	0.09	0.10	—	1,019	1,019	0.02	0.16	0.71	1,069
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.75	7.75	< 0.005	< 0.005	0.01	7.87
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.81	6.81	< 0.005	< 0.005	< 0.005	7.12
Hauling	< 0.005	0.21	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	169	169	< 0.005	0.03	0.12	177

3.36. A3-Well Abandonment (2031) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	2.56	21.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,692	2,692	0.11	0.02	—	2,702
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.47	3.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	446	446	0.02	< 0.005	—	447
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.08	1.03	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	264	264	0.01	0.01	0.02	268
Vendor	0.01	0.26	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	233	233	< 0.005	0.04	0.01	244
Hauling	0.07	6.55	1.50	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,787	5,787	0.10	0.93	0.24	6,066
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.18	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	46.8	46.8	< 0.005	< 0.005	0.05	47.5
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.1	41.1	< 0.005	0.01	0.03	43.0
Hauling	0.01	1.16	0.26	0.01	0.02	0.32	0.33	0.02	0.09	0.10	—	1,019	1,019	0.02	0.16	0.71	1,069
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.75	7.75	< 0.005	< 0.005	0.01	7.87
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.81	6.81	< 0.005	< 0.005	< 0.005	7.12
Hauling	< 0.005	0.21	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	169	169	< 0.005	0.03	0.12	177

3.37. A5-Gas Pipeline (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,053	32,053	1.30	0.26	—	32,163
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,053	32,053	1.30	0.26	—	32,163
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.33	14.7	122	0.16	0.46	—	0.46	0.46	—	0.46	—	17,249	17,249	0.70	0.14	—	17,309
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	2.69	22.2	0.03	0.08	—	0.08	0.08	—	0.08	—	2,856	2,856	0.12	0.02	—	2,866
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.41	0.20	3.45	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,109	1,109	0.02	0.01	1.42	1,115
Vendor	0.01	0.45	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	436	436	0.01	0.06	0.36	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.41	0.25	3.29	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,061	1,061	0.02	0.01	0.04	1,065
Vendor	0.01	0.48	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	437	437	0.01	0.06	0.01	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.13	1.73	0.00	0.00	0.68	0.68	0.00	0.16	0.16	—	575	575	0.01	0.01	0.33	578
Vendor	0.01	0.25	0.10	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	235	235	< 0.005	0.03	0.08	245
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.32	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	95.2	95.2	< 0.005	< 0.005	0.05	95.6
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	38.9	38.9	< 0.005	0.01	0.01	40.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.38. A5-Gas Pipeline (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,053	32,053	1.30	0.26	—	32,163
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,053	32,053	1.30	0.26	—	32,163
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.33	14.7	122	0.16	0.46	—	0.46	0.46	—	0.46	—	17,249	17,249	0.70	0.14	—	17,309
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	2.69	22.2	0.03	0.08	—	0.08	0.08	—	0.08	—	2,856	2,856	0.12	0.02	—	2,866
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.41	0.20	3.45	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,109	1,109	0.02	0.01	1.42	1,115
Vendor	0.01	0.45	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	436	436	0.01	0.06	0.36	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.41	0.25	3.29	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,061	1,061	0.02	0.01	0.04	1,065
Vendor	0.01	0.48	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	437	437	0.01	0.06	0.01	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.13	1.73	0.00	0.00	0.68	0.68	0.00	0.16	0.16	—	575	575	0.01	0.01	0.33	578

Vendor	0.01	0.25	0.10	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	235	235	< 0.005	0.03	0.08	245
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.32	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	95.2	95.2	< 0.005	< 0.005	0.05	95.6
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	38.9	38.9	< 0.005	0.01	0.01	40.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.39. A5-Gas Pipeline (2037) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,052	32,052	1.30	0.26	—	32,162
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,052	32,052	1.30	0.26	—	32,162
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.87	5.52	45.6	0.06	0.17	—	0.17	0.17	—	0.17	—	6,461	6,461	0.26	0.05	—	6,483
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.16	1.01	8.32	0.01	0.03	—	0.03	0.03	—	0.03	—	1,070	1,070	0.04	0.01	—	1,073
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.19	3.29	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,099	1,099	0.02	0.01	1.22	1,104
Vendor	0.01	0.44	0.17	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	423	423	0.01	0.06	0.30	443
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.39	0.21	3.12	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,051	1,051	0.02	0.01	0.03	1,055
Vendor	0.01	0.46	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	424	424	0.01	0.06	0.01	443
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.62	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	213	213	< 0.005	< 0.005	0.11	214
Vendor	< 0.005	0.09	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.4	85.4	< 0.005	0.01	0.03	89.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	35.3	35.3	< 0.005	< 0.005	0.02	35.5
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	14.1	14.1	< 0.005	< 0.005	< 0.005	14.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.40. A5-Gas Pipeline (2037) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,052	32,052	1.30	0.26	—	32,162
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,052	32,052	1.30	0.26	—	32,162
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.87	5.52	45.6	0.06	0.17	—	0.17	0.17	—	0.17	—	6,461	6,461	0.26	0.05	—	6,483
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	1.01	8.32	0.01	0.03	—	0.03	0.03	—	0.03	—	1,070	1,070	0.04	0.01	—	1,073
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.19	3.29	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,099	1,099	0.02	0.01	1.22	1,104
Vendor	0.01	0.44	0.17	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	423	423	0.01	0.06	0.30	443
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.39	0.21	3.12	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,051	1,051	0.02	0.01	0.03	1,055
Vendor	0.01	0.46	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	424	424	0.01	0.06	0.01	443
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.62	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	213	213	< 0.005	< 0.005	0.11	214
Vendor	< 0.005	0.09	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.4	85.4	< 0.005	0.01	0.03	89.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	35.3	35.3	< 0.005	< 0.005	0.02	35.5
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	14.1	14.1	< 0.005	< 0.005	< 0.005	14.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.41. A6-Electrical Interconnect (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	3.59	6.31	0.01	0.02	—	0.02	0.02	—	0.02	—	952	952	0.04	0.01	—	955
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.12	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.3	31.3	< 0.005	< 0.005	—	31.4

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.18	5.18	< 0.005	< 0.005	—	5.20
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.26	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	82.5	82.5	< 0.005	< 0.005	< 0.005	82.9
Vendor	0.01	0.29	0.11	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	262	262	< 0.005	0.04	0.01	274
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	< 0.005	2.75
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.61	8.61	< 0.005	< 0.005	< 0.005	9.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	< 0.005	0.45
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.43	1.43	< 0.005	< 0.005	< 0.005	1.49
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.42. A6-Electrical Interconnect (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	3.59	6.31	0.01	0.02	—	0.02	0.02	—	0.02	—	952	952	0.04	0.01	—	955
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.12	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.3	31.3	< 0.005	< 0.005	—	31.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.18	5.18	< 0.005	< 0.005	—	5.20
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.26	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	82.5	82.5	< 0.005	< 0.005	< 0.005	82.9
Vendor	0.01	0.29	0.11	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	262	262	< 0.005	0.04	0.01	274
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	< 0.005	2.75

Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.61	8.61	< 0.005	< 0.005	< 0.005	9.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	< 0.005	0.45
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.43	1.43	< 0.005	< 0.005	< 0.005	1.49
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.43. 8-Paving (2038) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.22	3.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	442	442	0.02	< 0.005	—	443
Paving	0.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.22	3.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	442	442	0.02	< 0.005	—	443
Paving	0.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	50.8	50.8	< 0.005	< 0.005	—	51.0
Paving	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.42	8.42	< 0.005	< 0.005	—	8.45
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.38	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	134	134	< 0.005	< 0.005	0.13	134
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.34	0.32	0.01	0.02	0.48	0.50	0.02	0.13	0.16	—	1,310	1,310	0.01	0.21	1.03	1,374
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.36	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	128	128	< 0.005	< 0.005	< 0.005	128
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.40	0.32	0.01	0.02	0.48	0.50	0.02	0.13	0.16	—	1,310	1,310	0.01	0.21	0.03	1,374
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.8	14.8	< 0.005	< 0.005	0.01	14.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.16	0.04	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	151	151	< 0.005	0.02	0.05	158
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.45	2.45	< 0.005	< 0.005	< 0.005	2.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.0	25.0	< 0.005	< 0.005	0.01	26.2

3.44. 8-Paving (2038) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.22	3.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	442	442	0.02	< 0.005	—	443
Paving	0.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.22	3.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	442	442	0.02	< 0.005	—	443
Paving	0.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	50.8	50.8	< 0.005	< 0.005	—	51.0
Paving	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.42	8.42	< 0.005	< 0.005	—	8.45
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.38	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	134	134	< 0.005	< 0.005	0.13	134
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.34	0.32	0.01	0.02	0.48	0.50	0.02	0.13	0.16	—	1,310	1,310	0.01	0.21	1.03	1,374
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.36	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	128	128	< 0.005	< 0.005	< 0.005	128
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.40	0.32	0.01	0.02	0.48	0.50	0.02	0.13	0.16	—	1,310	1,310	0.01	0.21	0.03	1,374
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.8	14.8	< 0.005	< 0.005	0.01	14.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.16	0.04	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	151	151	< 0.005	0.02	0.05	158
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.45	2.45	< 0.005	< 0.005	< 0.005	2.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.0	25.0	< 0.005	< 0.005	0.01	26.2

3.45. 9-Painting/Insulation (2038) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Off-Road Equipment	0.06	1.76	2.62	0.01	0.01	—	0.01	0.01	—	0.01	—	400	400	0.02	< 0.005	—	401
Architectural Coatings	4.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	1.76	2.62	0.01	0.01	—	0.01	0.01	—	0.01	—	400	400	0.02	< 0.005	—	401
Architectural Coatings	4.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.20	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.9	44.9	< 0.005	< 0.005	—	45.0
Architectural Coatings	0.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.43	7.43	< 0.005	< 0.005	—	7.46
Architectural Coatings	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	24.3	24.3	< 0.005	< 0.005	0.02	24.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	1.01	0.24	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	982	982	0.01	0.16	0.77	1,031
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	23.3	23.3	< 0.005	< 0.005	< 0.005	23.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	1.05	0.24	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	983	983	0.01	0.16	0.02	1,030
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.63	2.63	< 0.005	< 0.005	< 0.005	2.64
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	110	110	< 0.005	0.02	0.04	116
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	18.3	18.3	< 0.005	< 0.005	0.01	19.2

3.46. 9-Painting/Insulation (2038) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	1.76	2.62	0.01	0.01	—	0.01	0.01	—	0.01	—	400	400	0.02	< 0.005	—	401

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Architect Coatings	4.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	1.76	2.62	0.01	0.01	—	0.01	0.01	—	0.01	—	400	400	0.02	< 0.005	—	401
Architect ural Coatings	4.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.20	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.9	44.9	< 0.005	< 0.005	—	45.0
Architect ural Coatings	0.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.43	7.43	< 0.005	< 0.005	—	7.46
Architect ural Coatings	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	< 0.005	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	24.3	24.3	< 0.005	< 0.005	0.02	24.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	1.01	0.24	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	982	982	0.01	0.16	0.77	1,031
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	23.3	23.3	< 0.005	< 0.005	< 0.005	23.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	1.05	0.24	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	983	983	0.01	0.16	0.02	1,030
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.63	2.63	< 0.005	< 0.005	< 0.005	2.64
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	110	110	< 0.005	0.02	0.04	116
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	18.3	18.3	< 0.005	< 0.005	0.01	19.2

3.47. 5-Trenching/Undergrounds (2037) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.83	1.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	341	341	0.01	< 0.005	—	342
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.13	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	54.1	54.1	< 0.005	< 0.005	—	54.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.96	8.96	< 0.005	< 0.005	—	8.99
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.05	0.84	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	281	281	< 0.005	< 0.005	0.31	282
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	42.3	42.3	< 0.005	0.01	0.03	44.3
Hauling	0.01	1.01	0.26	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	994	994	0.01	0.16	0.88	1,043
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.13	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	43.0	43.0	< 0.005	< 0.005	0.02	43.2
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.73	6.73	< 0.005	< 0.005	< 0.005	7.04
Hauling	< 0.005	0.17	0.04	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	158	158	< 0.005	0.03	0.06	166
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.12	7.12	< 0.005	< 0.005	< 0.005	7.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.11	1.11	< 0.005	< 0.005	< 0.005	1.17
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.2	26.2	< 0.005	< 0.005	0.01	27.4

3.48. 5-Trenching/Undergrounds (2037) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.83	1.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	341	341	0.01	< 0.005	—	342
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.13	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	54.1	54.1	< 0.005	< 0.005	—	54.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.96	8.96	< 0.005	< 0.005	—	8.99
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.05	0.84	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	281	281	< 0.005	< 0.005	0.31	282
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	42.3	42.3	< 0.005	0.01	0.03	44.3
Hauling	0.01	1.01	0.26	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	994	994	0.01	0.16	0.88	1,043

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.13	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	43.0	43.0	< 0.005	< 0.005	0.02	43.2
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.73	6.73	< 0.005	< 0.005	< 0.005	7.04
Hauling	< 0.005	0.17	0.04	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	158	158	< 0.005	0.03	0.06	166
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.12	7.12	< 0.005	< 0.005	< 0.005	7.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.11	1.11	< 0.005	< 0.005	< 0.005	1.17
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.2	26.2	< 0.005	< 0.005	0.01	27.4

4. Operations Emissions Details

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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
2-Demolition (Existing Buildings & Foundations)	Demolition	4/1/2036	6/4/2036	5.00	47.0	—
12-Decommissioning Demolition	Demolition	2/13/2040	5/15/2040	5.00	67.0	—
1-Subsurface Exploration	Site Preparation	7/2/2035	9/5/2035	5.00	48.0	—
A4-Offsite Laydown Development	Site Preparation	4/1/2036	6/4/2036	5.00	47.0	—
A1-Site Assessment	Site Preparation	5/1/2029	5/18/2029	5.00	14.0	—
A2-Soil Remediation	Site Preparation	6/3/2030	11/4/2030	5.00	111	—
3-Site Preparation/ Rough Grading	Grading	6/5/2036	9/5/2036	5.00	67.0	—
4-Foundations	Building Construction	9/8/2036	5/7/2037	5.00	174	—
10-Commissioning / Startup and Testing	Building Construction	8/31/2038	2/10/2039	5.00	118	—
6-Equipment , Structural Steel & Building Erection, Piping	Building Construction	1/13/2037	11/11/2037	5.00	217	—
7-Electrical & Instrumentation	Building Construction	10/13/2037	8/30/2038	5.00	230	—
11-Post Construction / Site Restoration	Building Construction	2/11/2039	3/14/2039	5.00	22.0	—
A3-Well Abandonment	Building Construction	8/16/2029	3/31/2031	5.00	423	—
A5-Gas Pipeline	Building Construction	4/1/2036	4/13/2037	5.00	270	—
A6-Electrical Interconnect	Building Construction	12/12/2036	12/29/2036	5.00	12.0	—
8-Paving	Paving	8/31/2038	10/27/2038	5.00	42.0	—
9-Painting/Insulation	Architectural Coating	9/29/2038	11/24/2038	5.00	41.0	—
5-Trenching/Underground s	Trenching	4/8/2037	6/26/2037	5.00	58.0	—

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
2-Demolition (Existing Buildings & Foundations)	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
2-Demolition (Existing Buildings & Foundations)	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
2-Demolition (Existing Buildings & Foundations)	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
2-Demolition (Existing Buildings & Foundations)	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
2-Demolition (Existing Buildings & Foundations)	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
2-Demolition (Existing Buildings & Foundations)	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	65.0	0.37
2-Demolition (Existing Buildings & Foundations)	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
12-Decomissioning Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
12-Decomissioning Demolition	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
12-Decomissioning Demolition	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
12-Decomissioning Demolition	Aerial Lifts	Electric	Average	1.00	8.00	46.0	0.31
12-Decomissioning Demolition	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

12-Decomissioning Demolition	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
12-Decomissioning Demolition	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
12-Decomissioning Demolition	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
12-Decomissioning Demolition	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
12-Decomissioning Demolition	Welders	Electric	Average	3.00	8.00	46.0	0.45
12-Decomissioning Demolition	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
1-Subsurface Exploration	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
1-Subsurface Exploration	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
1-Subsurface Exploration	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
1-Subsurface Exploration	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
1-Subsurface Exploration	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
1-Subsurface Exploration	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	300	0.50
A4-Offsite Laydown Development	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
A4-Offsite Laydown Development	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	225	0.37
A4-Offsite Laydown Development	Welders	Diesel	Tier 4 Final	4.00	8.00	24.0	0.45
A4-Offsite Laydown Development	Excavators	Diesel	Tier 4 Final	1.00	8.00	443	0.38

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	84.0	0.37
A4-Offsite Laydown Development	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
A4-Offsite Laydown Development	Forklifts	Electric	Tier 4 Final	1.00	8.00	82.0	0.20
A4-Offsite Laydown Development	Generator Sets	Diesel	Tier 4 Final	4.00	8.00	49.0	0.74
A4-Offsite Laydown Development	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
A4-Offsite Laydown Development	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A4-Offsite Laydown Development	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
A1-Site Assessment	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
A1-Site Assessment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	300	0.50
A2-Soil Remediation	Excavators	Diesel	Tier 4 Final	1.00	8.00	346	0.38
A2-Soil Remediation	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A2-Soil Remediation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
A2-Soil Remediation	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
3-Site Preparation/ Rough Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
3-Site Preparation/ Rough Grading	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
3-Site Preparation/ Rough Grading	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
3-Site Preparation/ Rough Grading	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

4-Foundations	Tractors/Loaders/Back	Diesel	Tier 4 Final	1.00	7.00	225	0.37
4-Foundations	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
4-Foundations	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
4-Foundations	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
4-Foundations	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
4-Foundations	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
4-Foundations	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
4-Foundations	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
4-Foundations	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
4-Foundations	Excavators	Diesel	Tier 4 Final	1.00	8.00	346	0.38
4-Foundations	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
4-Foundations	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
4-Foundations	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	170	0.40
10-Commissioning / Startup and Testing	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
10-Commissioning / Startup and Testing	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
10-Commissioning / Startup and Testing	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
10-Commissioning / Startup and Testing	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
10-Commissioning / Startup and Testing	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
10-Commissioning / Startup and Testing	Welders	Electric	Average	3.00	8.00	46.0	0.45
10-Commissioning / Startup and Testing	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
10-Commissioning / Startup and Testing	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

10-Commissioning / Startup and Testing	Aerial Lifts	Electric	Average	4.00	8.00	46.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Cranes	Diesel	Tier 4 Final	1.00	7.00	200	0.29
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
6-Equipment , Structural Steel & Building Erection, Piping	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
6-Equipment , Structural Steel & Building Erection, Piping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
6-Equipment , Structural Steel & Building Erection, Piping	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
6-Equipment , Structural Steel & Building Erection, Piping	Cranes	Diesel	Tier 4 Final	2.00	7.00	275	0.29
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Diesel	Tier 4 Final	1.00	8.00	122	0.20
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
6-Equipment , Structural Steel & Building Erection, Piping	Welders	Electric	Average	5.00	8.00	46.0	0.45

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

6-Equipment , Structural Steel & Building Erection, Piping	Aerial Lifts	Diesel	Tier 4 Final	1.00	8.00	67.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Aerial Lifts	Electric	Average	5.00	8.00	46.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
6-Equipment , Structural Steel & Building Erection, Piping	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
6-Equipment , Structural Steel & Building Erection, Piping	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
6-Equipment , Structural Steel & Building Erection, Piping	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
7-Electrical & Instrumentation	Cranes	Diesel	Tier 4 Final	1.00	7.00	200	0.29
7-Electrical & Instrumentation	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
7-Electrical & Instrumentation	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
7-Electrical & Instrumentation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
7-Electrical & Instrumentation	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
7-Electrical & Instrumentation	Cranes	Diesel	Tier 4 Final	2.00	7.00	275	0.29
7-Electrical & Instrumentation	Forklifts	Electric	Average	1.00	8.00	82.0	0.20

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

7-Electrical & Instrumentation	Welders	Electric	Average	5.00	8.00	46.0	0.45
7-Electrical & Instrumentation	Aerial Lifts	Electric	Average	4.00	8.00	46.0	0.31
7-Electrical & Instrumentation	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
7-Electrical & Instrumentation	Air Compressors	Diesel	Tier 4 Final	2.00	6.00	10.0	0.48
7-Electrical & Instrumentation	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A3-Well Abandonment	Other General Industrial Equipment	Diesel	Tier 4 Final	3.00	8.00	200	0.29
A3-Well Abandonment	Graders	Diesel	Tier 4 Final	1.00	8.00	200	0.74
A3-Well Abandonment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	550	0.37
A3-Well Abandonment	Excavators	Diesel	Tier 4 Final	2.00	8.00	250	0.38
A3-Well Abandonment	Cranes	Diesel	Tier 4 Final	3.00	7.00	320	0.29
A3-Well Abandonment	Pumps	Diesel	Tier 4 Final	2.00	8.00	550	0.74
A3-Well Abandonment	Other Construction Equipment	Diesel	Tier 4 Final	2.00	8.00	115	0.42
A3-Well Abandonment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	450	0.50
A3-Well Abandonment	Off-Highway Trucks	Diesel	Tier 4 Final	3.00	8.00	320	0.38
A3-Well Abandonment	Welders	Diesel	Tier 4 Final	3.00	8.00	50.0	0.45
A5-Gas Pipeline	Excavators	Diesel	Tier 4 Final	8.00	8.00	346	0.38
A5-Gas Pipeline	Concrete/Industrial Saws	Diesel	Tier 4 Final	8.00	8.00	261	0.73
A5-Gas Pipeline	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	363	0.40
A5-Gas Pipeline	Other Construction Equipment	Diesel	Tier 4 Final	8.00	8.00	319	0.42
A5-Gas Pipeline	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.00	109	0.42
A5-Gas Pipeline	Welders	Diesel	Tier 4 Final	4.00	8.00	24.0	0.45
A5-Gas Pipeline	Graders	Diesel	Tier 4 Final	1.00	8.00	250	0.41

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

A5-Gas Pipeline	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A5-Gas Pipeline	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	74.0	0.37
A5-Gas Pipeline	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	3.00	7.00	350	0.37
A5-Gas Pipeline	Skid Steer Loaders	Diesel	Tier 4 Final	3.00	8.00	65.0	0.37
A5-Gas Pipeline	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	173	0.50
A5-Gas Pipeline	Other General Industrial Equipment	Diesel	Tier 4 Final	3.00	8.00	23.0	0.34
A5-Gas Pipeline	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	22.0	0.74
A6-Electrical Interconnect	Air Compressors	Diesel	Tier 4 Final	2.00	6.00	10.0	0.48
A6-Electrical Interconnect	Forklifts	Diesel	Tier 4 Final	1.00	8.00	82.0	0.20
A6-Electrical Interconnect	Generator Sets	Diesel	Tier 4 Final	2.00	8.00	49.0	0.74
8-Paving	Rollers	Diesel	Tier 4 Final	1.00	8.00	125	0.38
9-Painting/Insulation	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
9-Painting/Insulation	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
5-Trenching/Undergro unds	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
5-Trenching/Undergro unds	Pumps	Diesel	Tier 4 Final	2.00	8.00	11.0	0.74

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
2-Demolition (Existing Buildings & Foundations)	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
2-Demolition (Existing Buildings & Foundations)	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

2-Demolition (Existing Buildings & Foundations)	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
2-Demolition (Existing Buildings & Foundations)	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
2-Demolition (Existing Buildings & Foundations)	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
2-Demolition (Existing Buildings & Foundations)	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	65.0	0.37
2-Demolition (Existing Buildings & Foundations)	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
12-Decomissioning Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
12-Decomissioning Demolition	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
12-Decomissioning Demolition	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
12-Decomissioning Demolition	Aerial Lifts	Electric	Average	1.00	8.00	46.0	0.31
12-Decomissioning Demolition	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
12-Decomissioning Demolition	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
12-Decomissioning Demolition	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
12-Decomissioning Demolition	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
12-Decomissioning Demolition	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
12-Decomissioning Demolition	Welders	Electric	Average	3.00	8.00	46.0	0.45

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

12-Decomissioning Demolition	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
1-Subsurface Exploration	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
1-Subsurface Exploration	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
1-Subsurface Exploration	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
1-Subsurface Exploration	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
1-Subsurface Exploration	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
1-Subsurface Exploration	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	300	0.50
A4-Offsite Laydown Development	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
A4-Offsite Laydown Development	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	225	0.37
A4-Offsite Laydown Development	Welders	Diesel	Tier 4 Final	4.00	8.00	24.0	0.45
A4-Offsite Laydown Development	Excavators	Diesel	Tier 4 Final	1.00	8.00	443	0.38
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	84.0	0.37
A4-Offsite Laydown Development	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
A4-Offsite Laydown Development	Forklifts	Electric	Tier 4 Final	1.00	8.00	82.0	0.20
A4-Offsite Laydown Development	Generator Sets	Diesel	Tier 4 Final	4.00	8.00	49.0	0.74

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

A4-Offsite Laydown Development	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
A4-Offsite Laydown Development	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A4-Offsite Laydown Development	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
A1-Site Assessment	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
A1-Site Assessment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	300	0.50
A2-Soil Remediation	Excavators	Diesel	Tier 4 Final	1.00	8.00	346	0.38
A2-Soil Remediation	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A2-Soil Remediation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
A2-Soil Remediation	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
3-Site Preparation/ Rough Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
3-Site Preparation/ Rough Grading	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
3-Site Preparation/ Rough Grading	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
3-Site Preparation/ Rough Grading	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
4-Foundations	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	225	0.37
4-Foundations	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
4-Foundations	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
4-Foundations	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
4-Foundations	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
4-Foundations	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

4-Foundations	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
4-Foundations	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
4-Foundations	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
4-Foundations	Excavators	Diesel	Tier 4 Final	1.00	8.00	346	0.38
4-Foundations	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
4-Foundations	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
4-Foundations	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	170	0.40
10-Commissioning / Startup and Testing	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
10-Commissioning / Startup and Testing	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
10-Commissioning / Startup and Testing	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
10-Commissioning / Startup and Testing	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
10-Commissioning / Startup and Testing	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
10-Commissioning / Startup and Testing	Welders	Electric	Average	3.00	8.00	46.0	0.45
10-Commissioning / Startup and Testing	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
10-Commissioning / Startup and Testing	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
10-Commissioning / Startup and Testing	Aerial Lifts	Electric	Average	4.00	8.00	46.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Cranes	Diesel	Tier 4 Final	1.00	7.00	200	0.29
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

6-Equipment , Structural Steel & Building Erection, Piping	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
6-Equipment , Structural Steel & Building Erection, Piping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
6-Equipment , Structural Steel & Building Erection, Piping	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
6-Equipment , Structural Steel & Building Erection, Piping	Cranes	Diesel	Tier 4 Final	2.00	7.00	275	0.29
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Diesel	Tier 4 Final	1.00	8.00	122	0.20
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
6-Equipment , Structural Steel & Building Erection, Piping	Welders	Electric	Average	5.00	8.00	46.0	0.45
6-Equipment , Structural Steel & Building Erection, Piping	Aerial Lifts	Diesel	Tier 4 Final	1.00	8.00	67.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Aerial Lifts	Electric	Average	5.00	8.00	46.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

6-Equipment , Structural Steel & Building Erection, Piping	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
6-Equipment , Structural Steel & Building Erection, Piping	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
6-Equipment , Structural Steel & Building Erection, Piping	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
7-Electrical & Instrumentation	Cranes	Diesel	Tier 4 Final	1.00	7.00	200	0.29
7-Electrical & Instrumentation	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
7-Electrical & Instrumentation	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
7-Electrical & Instrumentation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
7-Electrical & Instrumentation	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
7-Electrical & Instrumentation	Cranes	Diesel	Tier 4 Final	2.00	7.00	275	0.29
7-Electrical & Instrumentation	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
7-Electrical & Instrumentation	Welders	Electric	Average	5.00	8.00	46.0	0.45
7-Electrical & Instrumentation	Aerial Lifts	Electric	Average	4.00	8.00	46.0	0.31
7-Electrical & Instrumentation	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
7-Electrical & Instrumentation	Air Compressors	Diesel	Tier 4 Final	2.00	6.00	10.0	0.48
7-Electrical & Instrumentation	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

A3-Well Abandonment	Other General Industrial Equipment	Diesel	Tier 4 Final	3.00	8.00	200	0.29
A3-Well Abandonment	Graders	Diesel	Tier 4 Final	1.00	8.00	200	0.74
A3-Well Abandonment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	550	0.37
A3-Well Abandonment	Excavators	Diesel	Tier 4 Final	2.00	8.00	250	0.38
A3-Well Abandonment	Cranes	Diesel	Tier 4 Final	3.00	7.00	320	0.29
A3-Well Abandonment	Pumps	Diesel	Tier 4 Final	2.00	8.00	550	0.74
A3-Well Abandonment	Other Construction Equipment	Diesel	Tier 4 Final	2.00	8.00	115	0.42
A3-Well Abandonment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	450	0.50
A3-Well Abandonment	Off-Highway Trucks	Diesel	Tier 4 Final	3.00	8.00	320	0.38
A3-Well Abandonment	Welders	Diesel	Tier 4 Final	3.00	8.00	50.0	0.45
A5-Gas Pipeline	Excavators	Diesel	Tier 4 Final	8.00	8.00	346	0.38
A5-Gas Pipeline	Concrete/Industrial Saws	Diesel	Tier 4 Final	8.00	8.00	261	0.73
A5-Gas Pipeline	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	363	0.40
A5-Gas Pipeline	Other Construction Equipment	Diesel	Tier 4 Final	8.00	8.00	319	0.42
A5-Gas Pipeline	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.00	109	0.42
A5-Gas Pipeline	Welders	Diesel	Tier 4 Final	4.00	8.00	24.0	0.45
A5-Gas Pipeline	Graders	Diesel	Tier 4 Final	1.00	8.00	250	0.41
A5-Gas Pipeline	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A5-Gas Pipeline	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	74.0	0.37
A5-Gas Pipeline	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	3.00	7.00	350	0.37
A5-Gas Pipeline	Skid Steer Loaders	Diesel	Tier 4 Final	3.00	8.00	65.0	0.37
A5-Gas Pipeline	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	173	0.50
A5-Gas Pipeline	Other General Industrial Equipment	Diesel	Tier 4 Final	3.00	8.00	23.0	0.34

A5-Gas Pipeline	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	22.0	0.74
A6-Electrical Interconnect	Air Compressors	Diesel	Tier 4 Final	2.00	6.00	10.0	0.48
A6-Electrical Interconnect	Forklifts	Diesel	Tier 4 Final	1.00	8.00	82.0	0.20
A6-Electrical Interconnect	Generator Sets	Diesel	Tier 4 Final	2.00	8.00	49.0	0.74
8-Paving	Rollers	Diesel	Tier 4 Final	1.00	8.00	125	0.38
9-Painting/Insulation	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
9-Painting/Insulation	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
5-Trenching/Underground	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
5-Trenching/Underground	Pumps	Diesel	Tier 4 Final	2.00	8.00	11.0	0.74

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
1-Subsurface Exploration	—	—	—	—
1-Subsurface Exploration	Worker	28.0	10.0	LDA,LDT1,LDT2
1-Subsurface Exploration	Vendor	8.00	10.0	HHDT,MHDT
1-Subsurface Exploration	Hauling	5.00	44.0	HHDT
1-Subsurface Exploration	Onsite truck	—	—	HHDT
3-Site Preparation/ Rough Grading	—	—	—	—
3-Site Preparation/ Rough Grading	Worker	30.0	10.0	LDA,LDT1,LDT2
3-Site Preparation/ Rough Grading	Vendor	10.0	10.0	HHDT,MHDT
3-Site Preparation/ Rough Grading	Hauling	52.0	44.0	HHDT
3-Site Preparation/ Rough Grading	Onsite truck	—	—	HHDT
4-Foundations	—	—	—	—

4-Foundations	Worker	68.0	10.0	LDA,LDT1,LDT2
4-Foundations	Vendor	16.0	10.0	HHDT,MHDT
4-Foundations	Hauling	10.0	44.0	HHDT
4-Foundations	Onsite truck	—	—	HHDT
5-Trenching/Undergrounds	—	—	—	—
5-Trenching/Undergrounds	Worker	46.0	10.0	LDA,LDT1,LDT2
5-Trenching/Undergrounds	Vendor	2.00	10.0	HHDT,MHDT
5-Trenching/Undergrounds	Hauling	9.00	44.0	HHDT
5-Trenching/Undergrounds	Onsite truck	—	—	HHDT
6-Equipment , Structural Steel & Building Erection, Piping	—	—	—	—
6-Equipment , Structural Steel & Building Erection, Piping	Worker	78.0	10.0	LDA,LDT1,LDT2
6-Equipment , Structural Steel & Building Erection, Piping	Vendor	22.0	10.0	HHDT,MHDT
6-Equipment , Structural Steel & Building Erection, Piping	Hauling	1.00	44.0	HHDT
6-Equipment , Structural Steel & Building Erection, Piping	Onsite truck	—	—	HHDT
7-Electrical & Instrumentation	—	—	—	—
7-Electrical & Instrumentation	Worker	36.0	10.0	LDA,LDT1,LDT2
7-Electrical & Instrumentation	Vendor	16.0	10.0	HHDT,MHDT
7-Electrical & Instrumentation	Hauling	1.00	44.0	HHDT
7-Electrical & Instrumentation	Onsite truck	—	—	HHDT
2-Demolition (Existing Buildings & Foundations)	—	—	—	—
2-Demolition (Existing Buildings & Foundations)	Worker	22.0	10.0	LDA,LDT1,LDT2
2-Demolition (Existing Buildings & Foundations)	Vendor	8.00	10.0	HHDT,MHDT
2-Demolition (Existing Buildings & Foundations)	Hauling	52.0	20.0	HHDT

2-Demolition (Existing Buildings & Foundations)	Onsite truck	—	—	HHDT
8-Paving	—	—	—	—
8-Paving	Worker	22.0	10.0	LDA,LDT1,LDT2
8-Paving	Vendor	—	10.0	HHDT,MHDT
8-Paving	Hauling	12.0	44.0	HHDT
8-Paving	Onsite truck	—	—	HHDT
12-Decomissioning Demolition	—	—	—	—
12-Decomissioning Demolition	Worker	28.0	10.0	LDA,LDT1,LDT2
12-Decomissioning Demolition	Vendor	18.0	10.0	HHDT,MHDT
12-Decomissioning Demolition	Hauling	3.00	20.0	HHDT
12-Decomissioning Demolition	Onsite truck	—	—	HHDT
10-Commissioning / Startup and Testing	—	—	—	—
10-Commissioning / Startup and Testing	Worker	28.0	10.0	LDA,LDT1,LDT2
10-Commissioning / Startup and Testing	Vendor	12.0	10.0	HHDT,MHDT
10-Commissioning / Startup and Testing	Hauling	3.00	44.0	HHDT
10-Commissioning / Startup and Testing	Onsite truck	—	—	HHDT
9-Painting/Insulation	—	—	—	—
9-Painting/Insulation	Worker	4.00	10.0	LDA,LDT1,LDT2
9-Painting/Insulation	Vendor	—	10.0	HHDT,MHDT
9-Painting/Insulation	Hauling	9.00	44.0	HHDT
9-Painting/Insulation	Onsite truck	—	—	HHDT
11-Post Construction / Site Restoration	—	—	—	—
11-Post Construction / Site Restoration	Worker	28.0	10.0	LDA,LDT1,LDT2

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

11-Post Construction / Site Restoration	Vendor	0.00	0.00	HHDT,MHDT
11-Post Construction / Site Restoration	Hauling	14.0	44.0	HHDT
11-Post Construction / Site Restoration	Onsite truck	—	—	HHDT
A4-Offsite Laydown Development	—	—	—	—
A4-Offsite Laydown Development	Worker	266	10.0	LDA,LDT1,LDT2
A4-Offsite Laydown Development	Vendor	20.0	10.0	HHDT,MHDT
A4-Offsite Laydown Development	Hauling	0.00	44.0	HHDT
A4-Offsite Laydown Development	Onsite truck	—	—	HHDT
A3-Well Abandonment	—	—	—	—
A3-Well Abandonment	Worker	42.0	10.0	LDA,LDT1,LDT2
A3-Well Abandonment	Vendor	9.00	10.0	HHDT,MHDT
A3-Well Abandonment	Hauling	45.0	44.0	HHDT
A3-Well Abandonment	Onsite truck	—	—	HHDT
A1-Site Assessment	—	—	—	—
A1-Site Assessment	Worker	12.0	10.0	LDA,LDT1,LDT2
A1-Site Assessment	Vendor	8.00	10.0	HHDT,MHDT
A1-Site Assessment	Hauling	0.00	0.00	HHDT
A1-Site Assessment	Onsite truck	—	—	HHDT
A2-Soil Remediation	—	—	—	—
A2-Soil Remediation	Worker	18.0	10.0	LDA,LDT1,LDT2
A2-Soil Remediation	Vendor	12.0	10.0	HHDT,MHDT
A2-Soil Remediation	Hauling	20.0	46.0	HHDT
A2-Soil Remediation	Onsite truck	—	—	HHDT
A5-Gas Pipeline	—	—	—	—
A5-Gas Pipeline	Worker	180	10.0	LDA,LDT1,LDT2
A5-Gas Pipeline	Vendor	20.0	10.0	HHDT,MHDT

A5-Gas Pipeline	Hauling	0.00	20.0	HHDT
A5-Gas Pipeline	Onsite truck	—	—	HHDT
A6-Electrical Interconnect	—	—	—	—
A6-Electrical Interconnect	Worker	14.0	10.0	LDA,LDT1,LDT2
A6-Electrical Interconnect	Vendor	12.0	10.0	HHDT,MHDT
A6-Electrical Interconnect	Hauling	0.00	20.0	HHDT
A6-Electrical Interconnect	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
1-Subsurface Exploration	—	—	—	—
1-Subsurface Exploration	Worker	28.0	10.0	LDA,LDT1,LDT2
1-Subsurface Exploration	Vendor	8.00	10.0	HHDT,MHDT
1-Subsurface Exploration	Hauling	5.00	44.0	HHDT
1-Subsurface Exploration	Onsite truck	—	—	HHDT
3-Site Preparation/ Rough Grading	—	—	—	—
3-Site Preparation/ Rough Grading	Worker	30.0	10.0	LDA,LDT1,LDT2
3-Site Preparation/ Rough Grading	Vendor	10.0	10.0	HHDT,MHDT
3-Site Preparation/ Rough Grading	Hauling	52.0	44.0	HHDT
3-Site Preparation/ Rough Grading	Onsite truck	—	—	HHDT
4-Foundations	—	—	—	—
4-Foundations	Worker	68.0	10.0	LDA,LDT1,LDT2
4-Foundations	Vendor	16.0	10.0	HHDT,MHDT
4-Foundations	Hauling	10.0	44.0	HHDT
4-Foundations	Onsite truck	—	—	HHDT
5-Trenching/Undergrounds	—	—	—	—
5-Trenching/Undergrounds	Worker	46.0	10.0	LDA,LDT1,LDT2
5-Trenching/Undergrounds	Vendor	2.00	10.0	HHDT,MHDT

5-Trenching/Undergrounds	Hauling	9.00	44.0	HHDT
5-Trenching/Undergrounds	Onsite truck	—	—	HHDT
6-Equipment , Structural Steel & Building Erection, Piping	—	—	—	—
6-Equipment , Structural Steel & Building Erection, Piping	Worker	78.0	10.0	LDA,LDT1,LDT2
6-Equipment , Structural Steel & Building Erection, Piping	Vendor	22.0	10.0	HHDT,MHDT
6-Equipment , Structural Steel & Building Erection, Piping	Hauling	1.00	44.0	HHDT
6-Equipment , Structural Steel & Building Erection, Piping	Onsite truck	—	—	HHDT
7-Electrical & Instrumentation	—	—	—	—
7-Electrical & Instrumentation	Worker	36.0	10.0	LDA,LDT1,LDT2
7-Electrical & Instrumentation	Vendor	16.0	10.0	HHDT,MHDT
7-Electrical & Instrumentation	Hauling	1.00	44.0	HHDT
7-Electrical & Instrumentation	Onsite truck	—	—	HHDT
2-Demolition (Existing Buildings & Foundations)	—	—	—	—
2-Demolition (Existing Buildings & Foundations)	Worker	22.0	10.0	LDA,LDT1,LDT2
2-Demolition (Existing Buildings & Foundations)	Vendor	8.00	10.0	HHDT,MHDT
2-Demolition (Existing Buildings & Foundations)	Hauling	52.0	20.0	HHDT
2-Demolition (Existing Buildings & Foundations)	Onsite truck	—	—	HHDT
8-Paving	—	—	—	—
8-Paving	Worker	22.0	10.0	LDA,LDT1,LDT2
8-Paving	Vendor	—	10.0	HHDT,MHDT
8-Paving	Hauling	12.0	44.0	HHDT
8-Paving	Onsite truck	—	—	HHDT

12-Decomissioning Demolition	—	—	—	—
12-Decomissioning Demolition	Worker	28.0	10.0	LDA,LDT1,LDT2
12-Decomissioning Demolition	Vendor	18.0	10.0	HHDT,MHDT
12-Decomissioning Demolition	Hauling	3.00	20.0	HHDT
12-Decomissioning Demolition	Onsite truck	—	—	HHDT
10-Commissioning / Startup and Testing	—	—	—	—
10-Commissioning / Startup and Testing	Worker	28.0	10.0	LDA,LDT1,LDT2
10-Commissioning / Startup and Testing	Vendor	12.0	10.0	HHDT,MHDT
10-Commissioning / Startup and Testing	Hauling	3.00	44.0	HHDT
10-Commissioning / Startup and Testing	Onsite truck	—	—	HHDT
9-Painting/Insulation	—	—	—	—
9-Painting/Insulation	Worker	4.00	10.0	LDA,LDT1,LDT2
9-Painting/Insulation	Vendor	—	10.0	HHDT,MHDT
9-Painting/Insulation	Hauling	9.00	44.0	HHDT
9-Painting/Insulation	Onsite truck	—	—	HHDT
11-Post Construction / Site Restoration	—	—	—	—
11-Post Construction / Site Restoration	Worker	28.0	10.0	LDA,LDT1,LDT2
11-Post Construction / Site Restoration	Vendor	0.00	0.00	HHDT,MHDT
11-Post Construction / Site Restoration	Hauling	14.0	44.0	HHDT
11-Post Construction / Site Restoration	Onsite truck	—	—	HHDT
A4-Offsite Laydown Development	—	—	—	—
A4-Offsite Laydown Development	Worker	266	10.0	LDA,LDT1,LDT2

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Individual Phases Detailed Report, 8/11/2025

A4-Offsite Laydown Development	Vendor	20.0	10.0	HHDT,MHDT
A4-Offsite Laydown Development	Hauling	0.00	44.0	HHDT
A4-Offsite Laydown Development	Onsite truck	—	—	HHDT
A3-Well Abandonment	—	—	—	—
A3-Well Abandonment	Worker	42.0	10.0	LDA,LDT1,LDT2
A3-Well Abandonment	Vendor	9.00	10.0	HHDT,MHDT
A3-Well Abandonment	Hauling	45.0	44.0	HHDT
A3-Well Abandonment	Onsite truck	—	—	HHDT
A1-Site Assessment	—	—	—	—
A1-Site Assessment	Worker	12.0	10.0	LDA,LDT1,LDT2
A1-Site Assessment	Vendor	8.00	10.0	HHDT,MHDT
A1-Site Assessment	Hauling	0.00	0.00	HHDT
A1-Site Assessment	Onsite truck	—	—	HHDT
A2-Soil Remediation	—	—	—	—
A2-Soil Remediation	Worker	18.0	10.0	LDA,LDT1,LDT2
A2-Soil Remediation	Vendor	12.0	10.0	HHDT,MHDT
A2-Soil Remediation	Hauling	20.0	46.0	HHDT
A2-Soil Remediation	Onsite truck	—	—	HHDT
A5-Gas Pipeline	—	—	—	—
A5-Gas Pipeline	Worker	180	10.0	LDA,LDT1,LDT2
A5-Gas Pipeline	Vendor	20.0	10.0	HHDT,MHDT
A5-Gas Pipeline	Hauling	0.00	20.0	HHDT
A5-Gas Pipeline	Onsite truck	—	—	HHDT
A6-Electrical Interconnect	—	—	—	—
A6-Electrical Interconnect	Worker	14.0	10.0	LDA,LDT1,LDT2
A6-Electrical Interconnect	Vendor	12.0	10.0	HHDT,MHDT
A6-Electrical Interconnect	Hauling	0.00	20.0	HHDT
A6-Electrical Interconnect	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)
9-Painting/Insulation	0.00	0.00	34,524	11,508	20,626

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
2-Demolition (Existing Buildings & Foundations)	0.00	0.00	0.00	20,390	—
12-Decommissioning Demolition	0.00	0.00	0.00	19,000	—
1-Subsurface Exploration	—	500	0.00	0.00	—
A4-Offsite Laydown Development	—	—	0.00	0.00	—
A1-Site Assessment	—	—	0.00	0.00	—
A2-Soil Remediation	—	—	0.00	0.00	—
3-Site Preparation/ Rough Grading	—	1,500	26.0	0.00	—
8-Paving	0.00	0.00	0.00	0.00	7.89

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

Water Demolished Area	2	36%	36%
-----------------------	---	-----	-----

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Heavy Industry	0.00	0%
General Heavy Industry	0.00	0%
General Heavy Industry	0.00	0%
General Heavy Industry	0.00	0%
General Office Building	0.00	0%
Other Asphalt Surfaces	7.89	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2029	0.00	532	0.03	< 0.005
2035	0.00	532	0.03	< 0.005
2036	196	532	0.03	< 0.005
2037	2,294	532	0.03	< 0.005
2038	1,864	532	0.03	< 0.005
2039	809	532	0.03	< 0.005
2030	0.00	532	0.03	< 0.005
2031	0.00	532	0.03	< 0.005
2040	553	532	0.03	< 0.005

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	15.6	annual days of extreme heat
Extreme Precipitation	8.00	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	49.8	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 $\frac{3}{4}$ 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 (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

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	1	0	0	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	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	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	1	1	1	2
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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	47.0
AQ-PM	23.4
AQ-DPM	1.77
Drinking Water	65.1
Lead Risk Housing	81.1

Pesticides	60.9
Toxic Releases	17.7
Traffic	22.5
Effect Indicators	—
CleanUp Sites	63.7
Groundwater	66.9
Haz Waste Facilities/Generators	77.2
Impaired Water Bodies	77.3
Solid Waste	59.2
Sensitive Population	—
Asthma	19.1
Cardio-vascular	1.86
Low Birth Weights	20.5
Socioeconomic Factor Indicators	—
Education	62.9
Housing	38.8
Linguistic	—
Poverty	48.0
Unemployment	15.8

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	37.91864494
Employed	27.51186963
Median HI	57.38483254
Education	—

Bachelor's or higher	40.20274605
High school enrollment	12.02361093
Preschool enrollment	52.4573335
Transportation	—
Auto Access	80.12318748
Active commuting	59.59194149
Social	—
2-parent households	43.74438599
Voting	53.68920826
Neighborhood	—
Alcohol availability	61.7862184
Park access	49.94225587
Retail density	0.320800719
Supermarket access	11.20236109
Tree canopy	71.98768125
Housing	—
Homeownership	77.53111767
Housing habitability	69.08764276
Low-inc homeowner severe housing cost burden	45.18157321
Low-inc renter severe housing cost burden	59.27114077
Uncrowded housing	37.66200436
Health Outcomes	—
Insured adults	42.12755037
Arthritis	0.0
Asthma ER Admissions	80.4
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	17.7
Cognitively Disabled	22.1
Physically Disabled	34.8
Heart Attack ER Admissions	89.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
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	67.3
SLR Inundation Area	0.0
Children	44.4
Elderly	64.7
English Speaking	56.2
Foreign-born	34.5
Outdoor Workers	27.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	89.0
Traffic Density	17.4

Traffic Access	23.0
Other Indices	—
Hardship	70.7
Other Decision Support	—
2016 Voting	61.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	31.0
Healthy Places Index Score for Project Location (b)	44.0
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	Project Specific
Construction: Off-Road Equipment	Project Specific
Construction: Trips and VMT	Project specific

Construction: Dust From Material Movement	Project specific
---	------------------

ATTACHMENT A.2 – CRITERIA POLLUTANT EMISSIONS (OVERLAPPING PHASES)

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

3. Construction Emissions Details

3.1. 2-Demolition (Existing Buildings & Foundations) (2036) - Unmitigated

3.2. 2-Demolition (Existing Buildings & Foundations) (2036) - Mitigated

3.3. 12-Decommissioning Demolition (2040) - Unmitigated

3.4. 12-Decommissioning Demolition (2040) - Mitigated

3.5. 1-Subsurface Exploration (2035) - Unmitigated

- 3.6. 1-Subsurface Exploration (2035) - Mitigated
- 3.7. A4-Offsite Laydown Development (2036) - Unmitigated
- 3.8. A4-Offsite Laydown Development (2036) - Mitigated
- 3.9. A1-Site Assessment (2029) - Unmitigated
- 3.10. A1-Site Assessment (2029) - Mitigated
- 3.11. A2-Soil Remediation (2030) - Unmitigated
- 3.12. A2-Soil Remediation (2030) - Mitigated
- 3.13. 3-Site Preparation/ Rough Grading (2036) - Unmitigated
- 3.14. 3-Site Preparation/ Rough Grading (2036) - Mitigated
- 3.15. 4-Foundations (2036) - Unmitigated
- 3.16. 4-Foundations (2036) - Mitigated
- 3.17. 4-Foundations (2037) - Unmitigated
- 3.18. 4-Foundations (2037) - Mitigated
- 3.19. 10-Commissioning / Startup and Testing (2038) - Unmitigated
- 3.20. 10-Commissioning / Startup and Testing (2038) - Mitigated
- 3.21. 10-Commissioning / Startup and Testing (2039) - Unmitigated
- 3.22. 10-Commissioning / Startup and Testing (2039) - Mitigated
- 3.23. 6-Equipment , Structural Steel & Building Erection, Piping (2037) - Unmitigated

3.24. 6-Equipment , Structural Steel & Building Erection, Piping (2037) - Mitigated

3.25. 7-Electrical & Instrumentation (2037) - Unmitigated

3.26. 7-Electrical & Instrumentation (2037) - Mitigated

3.27. 7-Electrical & Instrumentation (2038) - Unmitigated

3.28. 7-Electrical & Instrumentation (2038) - Mitigated

3.29. 11-Post Construction / Site Restoration (2039) - Unmitigated

3.30. 11-Post Construction / Site Restoration (2039) - Mitigated

3.31. A3-Well Abandonment (2029) - Unmitigated

3.32. A3-Well Abandonment (2029) - Mitigated

3.33. A3-Well Abandonment (2030) - Unmitigated

3.34. A3-Well Abandonment (2030) - Mitigated

3.35. A3-Well Abandonment (2031) - Unmitigated

3.36. A3-Well Abandonment (2031) - Mitigated

3.37. A5-Gas Pipeline (2036) - Unmitigated

3.38. A5-Gas Pipeline (2036) - Mitigated

3.39. A5-Gas Pipeline (2037) - Unmitigated

3.40. A5-Gas Pipeline (2037) - Mitigated

3.41. A6-Electrical Interconnect (2036) - Unmitigated

3.42. A6-Electrical Interconnect (2036) - Mitigated

3.43. 8-Paving (2038) - Unmitigated

3.44. 8-Paving (2038) - Mitigated

3.45. 9-Painting/Insulation (2038) - Unmitigated

3.46. 9-Painting/Insulation (2038) - Mitigated

3.47. 5-Trenching/Undergrounds (2037) - Unmitigated

3.48. 5-Trenching/Undergrounds (2037) - Mitigated

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases
Construction Start Date	8/16/2029
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.20
Precipitation (days)	2.20
Location	34.31722641, -119.2893906
County	Ventura
City	Unincorporated
Air District	Ventura County APCD
Air Basin	South Central Coast
TAZ	3405
EDFZ	8
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.30

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
General Heavy Industry	5.46	1000sqft	0.13	5,459	0.00	—	—	—

General Heavy Industry	10.5	1000sqft	0.24	10,458	0.00	—	—	—
General Heavy Industry	2.02	1000sqft	0.05	2,016	0.00	—	—	—
General Heavy Industry	0.44	1000sqft	0.01	442	0.00	—	—	—
General Office Building	4.64	1000sqft	0.11	4,641	0.00	—	—	—
Other Asphalt Surfaces	344	1000sqft	7.89	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-10-C	Water Unpaved Construction Roads
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads
Construction	C-12	Sweep Paved Roads

* 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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.76	48.4	301	0.46	1.13	10.8	11.9	1.13	2.08	3.20	—	50,863	50,863	1.90	1.62	17.1	51,207
Mit.	6.76	48.4	301	0.46	1.13	10.8	11.9	1.13	2.08	3.20	—	50,863	50,863	1.90	1.62	17.1	51,207
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.25	39.9	294	0.44	1.10	3.23	4.33	1.10	0.88	1.90	—	48,216	48,216	1.85	1.62	0.44	48,488
Mit.	6.25	39.9	294	0.44	1.10	3.23	4.33	1.10	0.88	1.90	—	48,216	48,216	1.85	1.62	0.44	48,488
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.06	20.6	143	0.21	0.55	2.64	3.20	0.55	0.59	1.14	—	23,601	23,601	0.88	0.94	4.28	23,776
Mit.	3.06	20.6	143	0.21	0.55	2.64	3.20	0.55	0.59	1.14	—	23,601	23,601	0.88	0.94	4.28	23,776
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.56	3.76	26.1	0.04	0.10	0.48	0.58	0.10	0.11	0.21	—	3,907	3,907	0.15	0.16	0.71	3,936
Mit.	0.56	3.76	26.1	0.04	0.10	0.48	0.58	0.10	0.11	0.21	—	3,907	3,907	0.15	0.16	0.71	3,936
% 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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	2.49	21.8	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,961	21,961	0.73	1.14	12.7	22,333
2030	3.00	28.6	145	0.25	0.66	3.22	3.88	0.66	0.88	1.54	—	29,310	29,310	0.96	1.62	17.1	29,832
2031	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2035	0.21	1.51	7.67	0.02	0.04	0.46	0.50	0.04	0.12	0.16	—	2,313	2,313	0.07	0.13	1.07	2,356
2036	6.76	48.4	301	0.46	1.13	10.8	11.9	1.13	2.08	3.20	—	50,863	50,863	1.90	1.31	8.05	51,207

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

2037	6.41	41.6	296	0.45	1.12	3.93	5.05	1.12	0.98	2.10	—	49,958	49,958	1.87	0.93	5.39	50,288
2038	6.04	11.1	24.8	0.07	0.12	1.44	1.56	0.12	0.39	0.51	—	7,301	7,301	0.20	0.50	2.51	7,457
2039	—	—	—	—	—	—	—	—	—	—	—	8.39	8.39	< 0.005	< 0.005	—	8.42
2040	0.42	6.88	18.4	0.04	0.06	0.59	0.65	0.06	0.13	0.20	—	3,992	3,992	0.14	0.11	0.36	4,028
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	2.48	22.1	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,950	21,950	0.73	1.15	0.33	22,309
2030	3.00	29.0	145	0.25	0.66	3.22	3.88	0.66	0.88	1.54	—	29,294	29,294	0.96	1.62	0.44	29,800
2031	2.47	21.4	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,571	21,571	0.73	1.10	0.27	21,917
2035	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2036	5.66	37.2	269	0.39	1.00	2.65	3.66	1.00	0.66	1.66	—	42,473	42,473	1.63	0.66	0.11	42,712
2037	6.25	39.9	294	0.44	1.10	3.23	4.33	1.10	0.80	1.90	—	48,216	48,216	1.85	0.76	0.11	48,488
2038	6.04	11.2	24.7	0.07	0.12	1.44	1.56	0.12	0.39	0.51	—	7,288	7,288	0.20	0.50	0.07	7,442
2039	0.47	8.47	20.6	0.04	0.07	0.76	0.78	0.07	0.20	0.23	—	4,360	4,360	0.16	0.24	0.03	4,399
2040	0.42	6.91	18.4	0.04	0.06	0.59	0.65	0.06	0.13	0.20	—	3,986	3,986	0.14	0.11	0.01	4,021
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.68	6.01	33.3	0.05	0.15	0.59	0.74	0.15	0.16	0.31	—	6,005	6,005	0.20	0.31	1.48	6,104
2030	1.93	17.7	94.1	0.15	0.42	1.87	2.29	0.42	0.51	0.93	—	17,834	17,834	0.59	0.94	4.28	18,134
2031	0.43	3.78	21.4	0.03	0.09	0.38	0.47	0.09	0.10	0.20	—	3,799	3,799	0.13	0.19	0.79	3,861
2035	0.03	0.20	1.00	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	303	303	0.01	0.02	0.06	309
2036	3.06	20.6	143	0.21	0.55	2.64	3.20	0.55	0.59	1.14	—	23,601	23,601	0.88	0.51	1.41	23,776
2037	1.69	11.6	76.4	0.12	0.29	1.18	1.47	0.29	0.29	0.58	—	13,758	13,758	0.52	0.27	0.68	13,850
2038	0.93	3.66	13.5	0.03	0.05	0.42	0.47	0.05	0.11	0.16	—	3,276	3,276	0.11	0.12	0.26	3,314
2039	0.04	0.78	1.70	< 0.005	0.01	0.08	0.09	0.01	0.02	0.03	—	451	451	0.01	0.02	0.05	458
2040	0.08	1.27	3.37	0.01	0.01	0.11	0.12	0.01	0.02	0.04	—	732	732	0.03	0.02	0.03	738
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.12	1.10	6.07	0.01	0.03	0.11	0.13	0.03	0.03	0.06	—	994	994	0.03	0.05	0.25	1,011

2030	0.35	3.24	17.2	0.03	0.08	0.34	0.42	0.08	0.09	0.17	—	2,953	2,953	0.10	0.16	0.71	3,002
2031	0.08	0.69	3.91	0.01	0.02	0.07	0.09	0.02	0.02	0.04	—	629	629	0.02	0.03	0.13	639
2035	0.01	0.04	0.18	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.2	50.2	< 0.005	< 0.005	0.01	51.1
2036	0.56	3.76	26.1	0.04	0.10	0.48	0.58	0.10	0.11	0.21	—	3,907	3,907	0.15	0.08	0.23	3,936
2037	0.31	2.12	13.9	0.02	0.05	0.22	0.27	0.05	0.05	0.11	—	2,278	2,278	0.09	0.04	0.11	2,293
2038	0.17	0.67	2.47	0.01	0.01	0.08	0.09	0.01	0.02	0.03	—	542	542	0.02	0.02	0.04	549
2039	0.01	0.14	0.31	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	—	74.6	74.6	< 0.005	< 0.005	0.01	75.9
2040	0.01	0.23	0.61	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	121	121	< 0.005	< 0.005	< 0.005	122

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	2.49	21.8	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,961	21,961	0.73	1.14	12.7	22,333
2030	3.00	28.6	145	0.25	0.66	3.22	3.88	0.66	0.88	1.54	—	29,310	29,310	0.96	1.62	17.1	29,832
2031	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2035	0.21	1.51	7.67	0.02	0.04	0.46	0.50	0.04	0.12	0.16	—	2,313	2,313	0.07	0.13	1.07	2,356
2036	6.76	48.4	301	0.46	1.13	10.8	11.9	1.13	2.08	3.20	—	50,863	50,863	1.90	1.31	8.05	51,207
2037	6.41	41.6	296	0.45	1.12	3.93	5.05	1.12	0.98	2.10	—	49,958	49,958	1.87	0.93	5.39	50,288
2038	6.04	11.1	24.8	0.07	0.12	1.44	1.56	0.12	0.39	0.51	—	7,301	7,301	0.20	0.50	2.51	7,457
2039	—	—	—	—	—	—	—	—	—	—	—	8.39	8.39	< 0.005	< 0.005	—	8.42
2040	0.42	6.88	18.4	0.04	0.06	0.59	0.65	0.06	0.13	0.20	—	3,992	3,992	0.14	0.11	0.36	4,028
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	2.48	22.1	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,950	21,950	0.73	1.15	0.33	22,309
2030	3.00	29.0	145	0.25	0.66	3.22	3.88	0.66	0.88	1.54	—	29,294	29,294	0.96	1.62	0.44	29,800

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

2031	2.47	21.4	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,571	21,571	0.73	1.10	0.27	21,917
2035	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2036	5.66	37.2	269	0.39	1.00	2.65	3.66	1.00	0.66	1.66	—	42,473	42,473	1.63	0.66	0.11	42,712
2037	6.25	39.9	294	0.44	1.10	3.23	4.33	1.10	0.80	1.90	—	48,216	48,216	1.85	0.76	0.11	48,488
2038	6.04	11.2	24.7	0.07	0.12	1.44	1.56	0.12	0.39	0.51	—	7,288	7,288	0.20	0.50	0.07	7,442
2039	0.47	8.47	20.6	0.04	0.07	0.76	0.78	0.07	0.20	0.23	—	4,360	4,360	0.16	0.24	0.03	4,399
2040	0.42	6.91	18.4	0.04	0.06	0.59	0.65	0.06	0.13	0.20	—	3,986	3,986	0.14	0.11	0.01	4,021
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.68	6.01	33.3	0.05	0.15	0.59	0.74	0.15	0.16	0.31	—	6,005	6,005	0.20	0.31	1.48	6,104
2030	1.93	17.7	94.1	0.15	0.42	1.87	2.29	0.42	0.51	0.93	—	17,834	17,834	0.59	0.94	4.28	18,134
2031	0.43	3.78	21.4	0.03	0.09	0.38	0.47	0.09	0.10	0.20	—	3,799	3,799	0.13	0.19	0.79	3,861
2035	0.03	0.20	1.00	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	303	303	0.01	0.02	0.06	309
2036	3.06	20.6	143	0.21	0.55	2.64	3.20	0.55	0.59	1.14	—	23,601	23,601	0.88	0.51	1.41	23,776
2037	1.69	11.6	76.4	0.12	0.29	1.18	1.47	0.29	0.29	0.58	—	13,758	13,758	0.52	0.27	0.68	13,850
2038	0.93	3.66	13.5	0.03	0.05	0.42	0.47	0.05	0.11	0.16	—	3,276	3,276	0.11	0.12	0.26	3,314
2039	0.04	0.78	1.70	< 0.005	0.01	0.08	0.09	0.01	0.02	0.03	—	451	451	0.01	0.02	0.05	458
2040	0.08	1.27	3.37	0.01	0.01	0.11	0.12	0.01	0.02	0.04	—	732	732	0.03	0.02	0.03	738
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.12	1.10	6.07	0.01	0.03	0.11	0.13	0.03	0.03	0.06	—	994	994	0.03	0.05	0.25	1,011
2030	0.35	3.24	17.2	0.03	0.08	0.34	0.42	0.08	0.09	0.17	—	2,953	2,953	0.10	0.16	0.71	3,002
2031	0.08	0.69	3.91	0.01	0.02	0.07	0.09	0.02	0.02	0.04	—	629	629	0.02	0.03	0.13	639
2035	0.01	0.04	0.18	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	50.2	50.2	< 0.005	< 0.005	0.01	51.1
2036	0.56	3.76	26.1	0.04	0.10	0.48	0.58	0.10	0.11	0.21	—	3,907	3,907	0.15	0.08	0.23	3,936
2037	0.31	2.12	13.9	0.02	0.05	0.22	0.27	0.05	0.05	0.11	—	2,278	2,278	0.09	0.04	0.11	2,293
2038	0.17	0.67	2.47	0.01	0.01	0.08	0.09	0.01	0.02	0.03	—	542	542	0.02	0.02	0.04	549
2039	0.01	0.14	0.31	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	—	74.6	74.6	< 0.005	< 0.005	0.01	75.9
2040	0.01	0.23	0.61	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	121	121	< 0.005	< 0.005	< 0.005	122

3. Construction Emissions Details

3.1. 2-Demolition (Existing Buildings & Foundations) (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	4.67	20.3	0.04	0.07	—	0.07	0.07	—	0.07	—	3,718	3,718	0.15	0.03	—	3,731
Demolition	—	—	—	—	—	6.13	6.13	—	0.93	0.93	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.60	2.61	< 0.005	0.01	—	0.01	0.01	—	0.01	—	479	479	0.02	< 0.005	—	480
Demolition	—	—	—	—	—	0.79	0.79	—	0.12	0.12	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	—	79.5
Demolition	—	—	—	—	—	0.14	0.14	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.42	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	136	136	< 0.005	< 0.005	0.17	136
Vendor	< 0.005	0.18	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	174	174	< 0.005	0.03	0.15	182
Hauling	0.06	3.11	0.96	0.02	0.05	0.94	0.99	0.05	0.26	0.31	—	2,705	2,705	0.03	0.43	2.66	2,835
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.8	16.8	< 0.005	< 0.005	0.01	16.9
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.5	22.5	< 0.005	< 0.005	0.01	23.5
Hauling	0.01	0.41	0.12	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	348	348	< 0.005	0.05	0.15	365
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.79	2.79	< 0.005	< 0.005	< 0.005	2.80
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.72	3.72	< 0.005	< 0.005	< 0.005	3.89
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	57.7	57.7	< 0.005	0.01	0.02	60.4

3.2. 2-Demolition (Existing Buildings & Foundations) (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	4.67	20.3	0.04	0.07	—	0.07	0.07	—	0.07	—	3,718	3,718	0.15	0.03	—	3,731
Demolition	—	—	—	—	—	6.13	6.13	—	0.93	0.93	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.60	2.61	< 0.005	0.01	—	0.01	0.01	—	0.01	—	479	479	0.02	< 0.005	—	480
Demolition	—	—	—	—	—	0.79	0.79	—	0.12	0.12	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	—	79.5
Demolition	—	—	—	—	—	0.14	0.14	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.42	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	136	136	< 0.005	< 0.005	0.17	136
Vendor	< 0.005	0.18	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	174	174	< 0.005	0.03	0.15	182
Hauling	0.06	3.11	0.96	0.02	0.05	0.94	0.99	0.05	0.26	0.31	—	2,705	2,705	0.03	0.43	2.66	2,835
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.8	16.8	< 0.005	< 0.005	0.01	16.9
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.5	22.5	< 0.005	< 0.005	0.01	23.5

Hauling	0.01	0.41	0.12	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	348	348	< 0.005	0.05	0.15	365
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.79	2.79	< 0.005	< 0.005	< 0.005	2.80
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.72	3.72	< 0.005	< 0.005	< 0.005	3.89
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	57.7	57.7	< 0.005	0.01	0.02	60.4

3.3. 12-Decommissioning Demolition (2040) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	6.32	17.7	0.03	0.06	—	0.06	0.06	—	0.06	—	3,319	3,319	0.13	0.03	—	3,330
Demolition	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	6.32	17.7	0.03	0.06	—	0.06	0.06	—	0.06	—	3,319	3,319	0.13	0.03	—	3,330
Demolition	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	1.16	3.25	0.01	0.01	—	0.01	0.01	—	0.01	—	609	609	0.02	< 0.005	—	611

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Demoliti	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.21	0.59	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101
Demoliti on	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	168	168	< 0.005	< 0.005	0.12	168
Vendor	0.01	0.37	0.15	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.05	—	355	355	< 0.005	0.05	0.15	371
Hauling	< 0.005	0.17	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	147	147	< 0.005	0.02	0.09	154
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.43	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	160	160	< 0.005	< 0.005	< 0.005	161
Vendor	0.01	0.39	0.16	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.05	—	355	355	< 0.005	0.05	< 0.005	371
Hauling	< 0.005	0.17	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	147	147	< 0.005	0.02	< 0.005	154
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	29.7	29.7	< 0.005	< 0.005	0.01	29.8
Vendor	< 0.005	0.07	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	65.2	65.2	< 0.005	0.01	0.01	68.1
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.9	26.9	< 0.005	< 0.005	0.01	28.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.91	4.91	< 0.005	< 0.005	< 0.005	4.93
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	< 0.005	11.3
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.46	4.46	< 0.005	< 0.005	< 0.005	4.67

3.4. 12-Decommissioning Demolition (2040) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	6.32	17.7	0.03	0.06	—	0.06	0.06	—	0.06	—	3,319	3,319	0.13	0.03	—	3,330
Demolition	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	6.32	17.7	0.03	0.06	—	0.06	0.06	—	0.06	—	3,319	3,319	0.13	0.03	—	3,330
Demolition	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	1.16	3.25	0.01	0.01	—	0.01	0.01	—	0.01	—	609	609	0.02	< 0.005	—	611
Demolition	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.21	0.59	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101

Demoliti	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	168	168	< 0.005	< 0.005	0.12	168
Vendor	0.01	0.37	0.15	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.05	—	355	355	< 0.005	0.05	0.15	371
Hauling	< 0.005	0.17	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	147	147	< 0.005	0.02	0.09	154
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.43	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	160	160	< 0.005	< 0.005	< 0.005	161
Vendor	0.01	0.39	0.16	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.05	—	355	355	< 0.005	0.05	< 0.005	371
Hauling	< 0.005	0.17	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	147	147	< 0.005	0.02	< 0.005	154
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	29.7	29.7	< 0.005	< 0.005	0.01	29.8
Vendor	< 0.005	0.07	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	65.2	65.2	< 0.005	0.01	0.01	68.1
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.9	26.9	< 0.005	< 0.005	0.01	28.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.91	4.91	< 0.005	< 0.005	< 0.005	4.93
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	< 0.005	11.3
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.46	4.46	< 0.005	< 0.005	< 0.005	4.67

3.5. 1-Subsurface Exploration (2035) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.69	6.88	0.01	0.03	—	0.03	0.03	—	0.03	—	1,382	1,382	0.06	0.01	—	1,386
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.09	0.90	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	182	182	0.01	< 0.005	—	182
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	30.1	30.1	< 0.005	< 0.005	—	30.2
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.03	0.57	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	174	174	< 0.005	< 0.005	0.26	175
Vendor	< 0.005	0.19	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	180	180	< 0.005	0.03	0.17	189
Hauling	0.01	0.60	0.15	< 0.005	0.01	0.20	0.21	0.01	0.06	0.07	—	576	576	0.01	0.09	0.64	605
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	22.1	22.1	< 0.005	< 0.005	0.01	22.2
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.7	23.7	< 0.005	< 0.005	0.01	24.8
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	75.8	75.8	< 0.005	0.01	0.04	79.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.66	3.66	< 0.005	< 0.005	< 0.005	3.68
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.93	3.93	< 0.005	< 0.005	< 0.005	4.11
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	12.6	12.6	< 0.005	< 0.005	0.01	13.2

3.6. 1-Subsurface Exploration (2035) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.69	6.88	0.01	0.03	—	0.03	0.03	—	0.03	—	1,382	1,382	0.06	0.01	—	1,386
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.09	0.90	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	182	182	0.01	< 0.005	—	182
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	30.1	30.1	< 0.005	< 0.005	—	30.2
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.03	0.57	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	174	174	< 0.005	< 0.005	0.26	175
Vendor	< 0.005	0.19	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	180	180	< 0.005	0.03	0.17	189
Hauling	0.01	0.60	0.15	< 0.005	0.01	0.20	0.21	0.01	0.06	0.07	—	576	576	0.01	0.09	0.64	605
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	22.1	22.1	< 0.005	< 0.005	0.01	22.2

Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.7	23.7	< 0.005	< 0.005	0.01	24.8
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	75.8	75.8	< 0.005	0.01	0.04	79.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.66	3.66	< 0.005	< 0.005	< 0.005	3.68
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.93	3.93	< 0.005	< 0.005	< 0.005	4.11
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	12.6	12.6	< 0.005	< 0.005	0.01	13.2

3.7. A4-Offsite Laydown Development (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.87	11.6	44.5	0.09	0.15	—	0.15	0.15	—	0.15	—	8,457	8,457	0.34	0.07	—	8,486
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.50	5.73	0.01	0.02	—	0.02	0.02	—	0.02	—	1,089	1,089	0.04	0.01	—	1,093
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.27	1.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	180	180	0.01	< 0.005	—	181
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.61	0.29	5.10	0.00	0.00	1.88	1.88	0.00	0.44	0.44	—	1,639	1,639	0.03	0.02	2.10	1,647
Vendor	0.01	0.45	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	436	436	0.01	0.06	0.36	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.05	0.61	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	203	203	< 0.005	< 0.005	0.12	204
Vendor	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	56.2	56.2	< 0.005	0.01	0.02	58.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.7	33.7	< 0.005	< 0.005	0.02	33.8
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.30	9.30	< 0.005	< 0.005	< 0.005	9.72
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. A4-Offsite Laydown Development (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.87	11.6	44.5	0.09	0.15	—	0.15	0.15	—	0.15	—	8,457	8,457	0.34	0.07	—	8,486
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.50	5.73	0.01	0.02	—	0.02	0.02	—	0.02	—	1,089	1,089	0.04	0.01	—	1,093
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.27	1.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	180	180	0.01	< 0.005	—	181
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.61	0.29	5.10	0.00	0.00	1.88	1.88	0.00	0.44	0.44	—	1,639	1,639	0.03	0.02	2.10	1,647
Vendor	0.01	0.45	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	436	436	0.01	0.06	0.36	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.05	0.61	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	203	203	< 0.005	< 0.005	0.12	204
Vendor	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	56.2	56.2	< 0.005	0.01	0.02	58.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.7	33.7	< 0.005	< 0.005	0.02	33.8
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.30	9.30	< 0.005	< 0.005	< 0.005	9.72
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. A1-Site Assessment (2029) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.85	9.14	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,709

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.03	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	65.3	65.3	< 0.005	< 0.005	—	65.5
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.8	10.8	< 0.005	< 0.005	—	10.9
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.35	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	81.5	81.5	< 0.005	< 0.005	0.23	82.8
Vendor	0.01	0.25	0.08	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	221	221	< 0.005	0.03	0.43	232
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.01	3.01	< 0.005	< 0.005	< 0.005	3.06
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.49	8.49	< 0.005	< 0.005	0.01	8.88
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.51
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.47
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. A1-Site Assessment (2029) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.85	9.14	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,709
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Off-Road Equipment	0.01	0.03	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	65.3	65.3	< 0.005	< 0.005	—	65.5
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.8	10.8	< 0.005	< 0.005	—	10.9
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.35	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	81.5	81.5	< 0.005	< 0.005	0.23	82.8
Vendor	0.01	0.25	0.08	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	221	221	< 0.005	0.03	0.43	232
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.01	3.01	< 0.005	< 0.005	< 0.005	3.06
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.49	8.49	< 0.005	< 0.005	0.01	8.88
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.51

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.47
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. A2-Soil Remediation (2030) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	3.71	22.1	0.04	0.08	—	0.08	0.08	—	0.08	—	4,331	4,331	0.18	0.04	—	4,345
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	3.71	22.1	0.04	0.08	—	0.08	0.08	—	0.08	—	4,331	4,331	0.18	0.04	—	4,345
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.13	6.73	0.01	0.02	—	0.02	0.02	—	0.02	—	1,317	1,317	0.05	0.01	—	1,321

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.21	1.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	218	218	0.01	< 0.005	—	219
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.50	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	120	120	< 0.005	0.01	0.31	122
Vendor	0.01	0.35	0.12	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	322	322	< 0.005	0.05	0.56	336
Hauling	0.03	3.04	0.70	0.02	0.04	0.83	0.87	0.04	0.23	0.27	—	2,768	2,768	0.05	0.43	4.79	2,902
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.47	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	115	115	< 0.005	0.01	0.01	117
Vendor	0.01	0.37	0.12	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	322	322	< 0.005	0.05	0.01	336
Hauling	0.03	3.15	0.71	0.02	0.04	0.83	0.87	0.04	0.23	0.27	—	2,769	2,769	0.05	0.43	0.12	2,898
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.14	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	35.2	35.2	< 0.005	< 0.005	0.04	35.7
Vendor	< 0.005	0.11	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	97.9	97.9	< 0.005	0.01	0.07	102
Hauling	0.01	0.96	0.21	0.01	0.01	0.25	0.27	0.01	0.07	0.08	—	842	842	0.01	0.13	0.63	882
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.83	5.83	< 0.005	< 0.005	0.01	5.92
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	16.2	16.2	< 0.005	< 0.005	0.01	16.9
Hauling	< 0.005	0.18	0.04	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	139	139	< 0.005	0.02	0.10	146

3.12. A2-Soil Remediation (2030) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	3.71	22.1	0.04	0.08	—	0.08	0.08	—	0.08	—	4,331	4,331	0.18	0.04	—	4,345
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	3.71	22.1	0.04	0.08	—	0.08	0.08	—	0.08	—	4,331	4,331	0.18	0.04	—	4,345
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.13	6.73	0.01	0.02	—	0.02	0.02	—	0.02	—	1,317	1,317	0.05	0.01	—	1,321

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.21	1.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	218	218	0.01	< 0.005	—	219
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.50	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	120	120	< 0.005	0.01	0.31	122
Vendor	0.01	0.35	0.12	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	322	322	< 0.005	0.05	0.56	336
Hauling	0.03	3.04	0.70	0.02	0.04	0.83	0.87	0.04	0.23	0.27	—	2,768	2,768	0.05	0.43	4.79	2,902
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.47	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	115	115	< 0.005	0.01	0.01	117
Vendor	0.01	0.37	0.12	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	322	322	< 0.005	0.05	0.01	336
Hauling	0.03	3.15	0.71	0.02	0.04	0.83	0.87	0.04	0.23	0.27	—	2,769	2,769	0.05	0.43	0.12	2,898
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.14	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	35.2	35.2	< 0.005	< 0.005	0.04	35.7
Vendor	< 0.005	0.11	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	97.9	97.9	< 0.005	0.01	0.07	102
Hauling	0.01	0.96	0.21	0.01	0.01	0.25	0.27	0.01	0.07	0.08	—	842	842	0.01	0.13	0.63	882
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.83	5.83	< 0.005	< 0.005	0.01	5.92
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	16.2	16.2	< 0.005	< 0.005	0.01	16.9
Hauling	< 0.005	0.18	0.04	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	139	139	< 0.005	0.02	0.10	146

3.13. 3-Site Preparation/ Rough Grading (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	1.86	12.2	0.02	0.04	—	0.04	0.04	—	0.04	—	2,280	2,280	0.09	0.02	—	2,288
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.34	2.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	419	419	0.02	< 0.005	—	420
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.06	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.3	69.3	< 0.005	< 0.005	—	69.5
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.03	0.57	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	185	185	< 0.005	< 0.005	0.24	186
Vendor	0.01	0.23	0.09	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	218	218	< 0.005	0.03	0.18	228
Hauling	0.08	6.02	1.48	0.05	0.10	2.07	2.17	0.10	0.58	0.68	—	5,861	5,861	0.06	0.92	5.85	6,143
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	32.7	32.7	< 0.005	< 0.005	0.02	32.8
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	40.1	40.1	< 0.005	0.01	0.01	41.9
Hauling	0.02	1.15	0.27	0.01	0.02	0.38	0.40	0.02	0.11	0.13	—	1,076	1,076	0.01	0.17	0.46	1,127
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.41	5.41	< 0.005	< 0.005	< 0.005	5.44
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.63	6.63	< 0.005	< 0.005	< 0.005	6.93
Hauling	< 0.005	0.21	0.05	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	178	178	< 0.005	0.03	0.08	187

3.14. 3-Site Preparation/ Rough Grading (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	1.86	12.2	0.02	0.04	—	0.04	0.04	—	0.04	—	2,280	2,280	0.09	0.02	—	2,288
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.34	2.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	419	419	0.02	< 0.005	—	420
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.3	69.3	< 0.005	< 0.005	—	69.5
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.03	0.57	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	185	185	< 0.005	< 0.005	0.24	186
Vendor	0.01	0.23	0.09	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	218	218	< 0.005	0.03	0.18	228
Hauling	0.08	6.02	1.48	0.05	0.10	2.07	2.17	0.10	0.58	0.68	—	5,861	5,861	0.06	0.92	5.85	6,143
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	32.7	32.7	< 0.005	< 0.005	0.02	32.8
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	40.1	40.1	< 0.005	0.01	0.01	41.9
Hauling	0.02	1.15	0.27	0.01	0.02	0.38	0.40	0.02	0.11	0.13	—	1,076	1,076	0.01	0.17	0.46	1,127
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.41	5.41	< 0.005	< 0.005	< 0.005	5.44
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.63	6.63	< 0.005	< 0.005	< 0.005	6.93
Hauling	< 0.005	0.21	0.05	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	178	178	< 0.005	0.03	0.08	187

3.15. 4-Foundations (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.55	3.57	30.6	0.05	0.11	—	0.11	0.11	—	0.11	—	5,748	5,748	0.23	0.05	—	5,768
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.55	3.57	30.6	0.05	0.11	—	0.11	0.11	—	0.11	—	5,748	5,748	0.23	0.05	—	5,768

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.80	6.90	0.01	0.02	—	0.02	0.02	—	0.02	—	1,294	1,294	0.05	0.01	—	1,298
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.15	1.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	214	214	0.01	< 0.005	—	215
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.07	1.30	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	419	419	0.01	< 0.005	0.54	421
Vendor	0.01	0.36	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	349	349	0.01	0.05	0.29	365
Hauling	0.02	1.16	0.28	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,127	1,127	0.01	0.18	1.12	1,181
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.09	1.24	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	401	401	0.01	< 0.005	0.01	403
Vendor	0.01	0.38	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	349	349	0.01	0.05	0.01	365
Hauling	0.02	1.21	0.29	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,127	1,127	0.01	0.18	0.03	1,181
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.27	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	90.9	90.9	< 0.005	< 0.005	0.05	91.3
Vendor	< 0.005	0.08	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	78.6	78.6	< 0.005	0.01	0.03	82.1
Hauling	< 0.005	0.27	0.06	< 0.005	< 0.005	0.09	0.09	< 0.005	0.03	0.03	—	254	254	< 0.005	0.04	0.11	266
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	0.01	15.1
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.0	13.0	< 0.005	< 0.005	< 0.005	13.6
Hauling	< 0.005	0.05	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	42.0	42.0	< 0.005	0.01	0.02	44.0

3.16. 4-Foundations (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.55	3.57	30.6	0.05	0.11	—	0.11	0.11	—	0.11	—	5,748	5,748	0.23	0.05	—	5,768
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.55	3.57	30.6	0.05	0.11	—	0.11	0.11	—	0.11	—	5,748	5,748	0.23	0.05	—	5,768
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.80	6.90	0.01	0.02	—	0.02	0.02	—	0.02	—	1,294	1,294	0.05	0.01	—	1,298
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.15	1.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	214	214	0.01	< 0.005	—	215
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.07	1.30	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	419	419	0.01	< 0.005	0.54	421
Vendor	0.01	0.36	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	349	349	0.01	0.05	0.29	365
Hauling	0.02	1.16	0.28	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,127	1,127	0.01	0.18	1.12	1,181
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.09	1.24	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	401	401	0.01	< 0.005	0.01	403
Vendor	0.01	0.38	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	349	349	0.01	0.05	0.01	365
Hauling	0.02	1.21	0.29	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,127	1,127	0.01	0.18	0.03	1,181
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.27	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	90.9	90.9	< 0.005	< 0.005	0.05	91.3
Vendor	< 0.005	0.08	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	78.6	78.6	< 0.005	0.01	0.03	82.1
Hauling	< 0.005	0.27	0.06	< 0.005	< 0.005	0.09	0.09	< 0.005	0.03	0.03	—	254	254	< 0.005	0.04	0.11	266
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	0.01	15.1
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.0	13.0	< 0.005	< 0.005	< 0.005	13.6
Hauling	< 0.005	0.05	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	42.0	42.0	< 0.005	0.01	0.02	44.0

3.17. 4-Foundations (2037) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Off-Road Equipment	0.55	3.57	30.6	0.05	0.11	—	0.11	0.11	—	0.11	—	5,748	5,748	0.23	0.05	—	5,768
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.55	3.57	30.6	0.05	0.11	—	0.11	0.11	—	0.11	—	5,748	5,748	0.23	0.05	—	5,768
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.89	7.62	0.01	0.03	—	0.03	0.03	—	0.03	—	1,429	1,429	0.06	0.01	—	1,434
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.16	1.39	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	237	237	0.01	< 0.005	—	237
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.07	1.24	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	415	415	0.01	< 0.005	0.46	417
Vendor	0.01	0.35	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.24	354
Hauling	0.02	1.12	0.29	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,105	1,105	0.01	0.18	0.98	1,159
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.08	1.18	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	397	397	0.01	< 0.005	0.01	399
Vendor	0.01	0.37	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.01	355

Hauling	0.02	1.17	0.28	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,105	1,105	0.01	0.18	0.03	1,158
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.29	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	99.4	99.4	< 0.005	< 0.005	0.05	99.8
Vendor	< 0.005	0.09	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	84.2	84.2	< 0.005	0.01	0.03	88.1
Hauling	< 0.005	0.29	0.07	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	275	275	< 0.005	0.04	0.11	288
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	16.5	16.5	< 0.005	< 0.005	0.01	16.5
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.9	13.9	< 0.005	< 0.005	< 0.005	14.6
Hauling	< 0.005	0.05	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	45.5	45.5	< 0.005	0.01	0.02	47.7

3.18. 4-Foundations (2037) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.55	3.57	30.6	0.05	0.11	—	0.11	0.11	—	0.11	—	5,748	5,748	0.23	0.05	—	5,768
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.55	3.57	30.6	0.05	0.11	—	0.11	0.11	—	0.11	—	5,748	5,748	0.23	0.05	—	5,768
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Off-Road Equipment	0.14	0.89	7.62	0.01	0.03	—	0.03	0.03	—	0.03	—	1,429	1,429	0.06	0.01	—	1,434
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.16	1.39	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	237	237	0.01	< 0.005	—	237
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.07	1.24	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	415	415	0.01	< 0.005	0.46	417
Vendor	0.01	0.35	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.24	354
Hauling	0.02	1.12	0.29	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,105	1,105	0.01	0.18	0.98	1,159
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.08	1.18	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	397	397	0.01	< 0.005	0.01	399
Vendor	0.01	0.37	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.01	355
Hauling	0.02	1.17	0.28	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,105	1,105	0.01	0.18	0.03	1,158
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.29	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	99.4	99.4	< 0.005	< 0.005	0.05	99.8
Vendor	< 0.005	0.09	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	84.2	84.2	< 0.005	0.01	0.03	88.1
Hauling	< 0.005	0.29	0.07	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	275	275	< 0.005	0.04	0.11	288
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	16.5	16.5	< 0.005	< 0.005	0.01	16.5
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.9	13.9	< 0.005	< 0.005	< 0.005	14.6
Hauling	< 0.005	0.05	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	45.5	45.5	< 0.005	0.01	0.02	47.7

3.19. 10-Commissioning / Startup and Testing (2038) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	1.89	4.81	0.01	0.02	—	0.02	0.02	—	0.02	—	873	873	0.04	0.01	—	876
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.34	0.88	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	144	144	0.01	< 0.005	—	145
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.03	0.49	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	170	170	< 0.005	< 0.005	0.16	171
Vendor	0.01	0.26	0.10	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	249	249	< 0.005	0.04	0.15	260
Hauling	< 0.005	0.34	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	327	327	< 0.005	0.05	0.26	344
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.03	0.46	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	163	163	< 0.005	< 0.005	< 0.005	163
Vendor	0.01	0.27	0.11	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	249	249	< 0.005	0.04	< 0.005	260
Hauling	< 0.005	0.35	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	328	328	< 0.005	0.05	0.01	343
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	39.5	39.5	< 0.005	< 0.005	0.02	39.6
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	59.9	59.9	< 0.005	0.01	0.02	62.5
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	78.8	78.8	< 0.005	0.01	0.03	82.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.53	6.53	< 0.005	< 0.005	< 0.005	6.56
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.91	9.91	< 0.005	< 0.005	< 0.005	10.4
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	< 0.005	13.7

3.20. 10-Commissioning / Startup and Testing (2038) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	1.89	4.81	0.01	0.02	—	0.02	0.02	—	0.02	—	873	873	0.04	0.01	—	876
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.34	0.88	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	144	144	0.01	< 0.005	—	145
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.03	0.49	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	170	170	< 0.005	< 0.005	0.16	171
Vendor	0.01	0.26	0.10	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	249	249	< 0.005	0.04	0.15	260
Hauling	< 0.005	0.34	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	327	327	< 0.005	0.05	0.26	344
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.03	0.46	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	163	163	< 0.005	< 0.005	< 0.005	163
Vendor	0.01	0.27	0.11	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	249	249	< 0.005	0.04	< 0.005	260
Hauling	< 0.005	0.35	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	328	328	< 0.005	0.05	0.01	343
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	39.5	39.5	< 0.005	< 0.005	0.02	39.6

Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	59.9	59.9	< 0.005	0.01	0.02	62.5
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	78.8	78.8	< 0.005	0.01	0.03	82.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.53	6.53	< 0.005	< 0.005	< 0.005	6.56
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.91	9.91	< 0.005	< 0.005	< 0.005	10.4
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	< 0.005	13.7

3.21. 10-Commissioning / Startup and Testing (2039) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.63	1.60	< 0.005	0.01	—	0.01	0.01	—	0.01	—	291	291	0.01	< 0.005	—	292
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	48.2	48.2	< 0.005	< 0.005	—	48.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	162	162	< 0.005	< 0.005	< 0.005	162
Vendor	0.01	0.27	0.10	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	243	243	< 0.005	0.04	< 0.005	253
Hauling	< 0.005	0.34	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	322	322	< 0.005	0.05	0.01	337
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	< 0.005	13.1
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.5	19.5	< 0.005	< 0.005	< 0.005	20.3
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.9	25.9	< 0.005	< 0.005	0.01	27.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.16	2.16	< 0.005	< 0.005	< 0.005	2.17
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.22	3.22	< 0.005	< 0.005	< 0.005	3.37
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.28	4.28	< 0.005	< 0.005	< 0.005	4.48

3.22. 10-Commissioning / Startup and Testing (2039) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.63	1.60	< 0.005	0.01	—	0.01	0.01	—	0.01	—	291	291	0.01	< 0.005	—	292
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	48.2	48.2	< 0.005	< 0.005	—	48.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	162	162	< 0.005	< 0.005	< 0.005	162
Vendor	0.01	0.27	0.10	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	243	243	< 0.005	0.04	< 0.005	253
Hauling	< 0.005	0.34	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	322	322	< 0.005	0.05	0.01	337
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	< 0.005	13.1
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.5	19.5	< 0.005	< 0.005	< 0.005	20.3
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.9	25.9	< 0.005	< 0.005	0.01	27.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.16	2.16	< 0.005	< 0.005	< 0.005	2.17
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.22	3.22	< 0.005	< 0.005	< 0.005	3.37
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.28	4.28	< 0.005	< 0.005	< 0.005	4.48

3.23. 6-Equipment , Structural Steel & Building Erection, Piping (2037) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.60	5.93	30.5	0.06	0.11	—	0.11	0.11	—	0.11	—	6,065	6,065	0.25	0.05	—	6,085
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.60	5.93	30.5	0.06	0.11	—	0.11	0.11	—	0.11	—	6,065	6,065	0.25	0.05	—	6,085
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	3.52	18.2	0.03	0.07	—	0.07	0.07	—	0.07	—	3,606	3,606	0.15	0.03	—	3,618
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.64	3.31	0.01	0.01	—	0.01	0.01	—	0.01	—	597	597	0.02	< 0.005	—	599
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.17	0.08	1.42	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	476	476	0.01	0.01	0.53	478
Vendor	0.01	0.48	0.19	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	466	466	0.01	0.07	0.33	487
Hauling	< 0.005	0.11	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	110	110	< 0.005	0.02	0.10	116
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.09	1.35	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	456	456	0.01	0.01	0.01	457
Vendor	0.01	0.51	0.19	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	466	466	0.01	0.07	0.01	488
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	111	111	< 0.005	0.02	< 0.005	116
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.05	0.80	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	273	273	0.01	< 0.005	0.14	274
Vendor	0.01	0.30	0.11	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	277	277	< 0.005	0.04	0.09	290
Hauling	< 0.005	0.07	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	65.7	65.7	< 0.005	0.01	0.03	68.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.15	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	45.2	45.2	< 0.005	< 0.005	0.02	45.4
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	45.9	45.9	< 0.005	0.01	0.01	48.0
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.9	10.9	< 0.005	< 0.005	< 0.005	11.4

3.24. 6-Equipment , Structural Steel & Building Erection, Piping (2037) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.60	5.93	30.5	0.06	0.11	—	0.11	0.11	—	0.11	—	6,065	6,065	0.25	0.05	—	6,085
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.60	5.93	30.5	0.06	0.11	—	0.11	0.11	—	0.11	—	6,065	6,065	0.25	0.05	—	6,085
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	3.52	18.2	0.03	0.07	—	0.07	0.07	—	0.07	—	3,606	3,606	0.15	0.03	—	3,618
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.64	3.31	0.01	0.01	—	0.01	0.01	—	0.01	—	597	597	0.02	< 0.005	—	599
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.08	1.42	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	476	476	0.01	0.01	0.53	478
Vendor	0.01	0.48	0.19	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	466	466	0.01	0.07	0.33	487
Hauling	< 0.005	0.11	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	110	110	< 0.005	0.02	0.10	116
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.09	1.35	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	456	456	0.01	0.01	0.01	457
Vendor	0.01	0.51	0.19	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	466	466	0.01	0.07	0.01	488
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	111	111	< 0.005	0.02	< 0.005	116
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.05	0.80	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	273	273	0.01	< 0.005	0.14	274

Vendor	0.01	0.30	0.11	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	277	277	< 0.005	0.04	0.09	290
Hauling	< 0.005	0.07	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	65.7	65.7	< 0.005	0.01	0.03	68.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.15	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	45.2	45.2	< 0.005	< 0.005	0.02	45.4
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	45.9	45.9	< 0.005	0.01	0.01	48.0
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.9	10.9	< 0.005	< 0.005	< 0.005	11.4

3.25. 7-Electrical & Instrumentation (2037) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	2.25	16.4	0.03	0.06	—	0.06	0.06	—	0.06	—	3,339	3,339	0.14	0.03	—	3,350
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.35	2.56	< 0.005	0.01	—	0.01	0.01	—	0.01	—	523	523	0.02	< 0.005	—	525
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	0.47	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	86.5	86.5	< 0.005	< 0.005	—	86.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.62	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	210	210	< 0.005	< 0.005	0.01	211
Vendor	0.01	0.37	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.01	355
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	111	111	< 0.005	0.02	< 0.005	116
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.2	33.2	< 0.005	< 0.005	0.02	33.3
Vendor	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	53.0	53.0	< 0.005	0.01	0.02	55.5
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	17.3	17.3	< 0.005	< 0.005	0.01	18.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.49	5.49	< 0.005	< 0.005	< 0.005	5.51
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.78	8.78	< 0.005	< 0.005	< 0.005	9.19
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.86	2.86	< 0.005	< 0.005	< 0.005	3.00

3.26. 7-Electrical & Instrumentation (2037) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	2.25	16.4	0.03	0.06	—	0.06	0.06	—	0.06	—	3,339	3,339	0.14	0.03	—	3,350

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.35	2.56	< 0.005	0.01	—	0.01	0.01	—	0.01	—	523	523	0.02	< 0.005	—	525
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	0.47	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	86.5	86.5	< 0.005	< 0.005	—	86.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.62	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	210	210	< 0.005	< 0.005	0.01	211
Vendor	0.01	0.37	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.01	355
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	111	111	< 0.005	0.02	< 0.005	116
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.2	33.2	< 0.005	< 0.005	0.02	33.3
Vendor	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	53.0	53.0	< 0.005	0.01	0.02	55.5
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	17.3	17.3	< 0.005	< 0.005	0.01	18.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.49	5.49	< 0.005	< 0.005	< 0.005	5.51
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.78	8.78	< 0.005	< 0.005	< 0.005	9.19
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.86	2.86	< 0.005	< 0.005	< 0.005	3.00

3.27. 7-Electrical & Instrumentation (2038) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	2.25	16.4	0.03	0.06	—	0.06	0.06	—	0.06	—	3,339	3,339	0.14	0.03	—	3,350
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	2.25	16.4	0.03	0.06	—	0.06	0.06	—	0.06	—	3,339	3,339	0.14	0.03	—	3,350
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	1.07	7.75	0.01	0.03	—	0.03	0.03	—	0.03	—	1,581	1,581	0.06	0.01	—	1,587
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.19	1.41	< 0.005	0.01	—	0.01	0.01	—	0.01	—	262	262	0.01	< 0.005	—	263
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.08	0.04	0.63	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	219	219	< 0.005	< 0.005	0.21	220
Vendor	0.01	0.35	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	332	332	0.01	0.05	0.20	346
Hauling	< 0.005	0.11	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	109	109	< 0.005	0.02	0.09	115
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.60	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	209	209	< 0.005	< 0.005	0.01	210
Vendor	0.01	0.36	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	332	332	0.01	0.05	0.01	346
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	109	109	< 0.005	0.02	< 0.005	114
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.28	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	99.8	99.8	< 0.005	< 0.005	0.04	100
Vendor	< 0.005	0.17	0.07	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	157	157	< 0.005	0.02	0.04	164
Hauling	< 0.005	0.06	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	51.7	51.7	< 0.005	0.01	0.02	54.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	16.5	16.5	< 0.005	< 0.005	0.01	16.6
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.0	26.0	< 0.005	< 0.005	0.01	27.2
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.56	8.56	< 0.005	< 0.005	< 0.005	8.98

3.28. 7-Electrical & Instrumentation (2038) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	2.25	16.4	0.03	0.06	—	0.06	0.06	—	0.06	—	3,339	3,339	0.14	0.03	—	3,350
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	2.25	16.4	0.03	0.06	—	0.06	0.06	—	0.06	—	3,339	3,339	0.14	0.03	—	3,350
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	1.07	7.75	0.01	0.03	—	0.03	0.03	—	0.03	—	1,581	1,581	0.06	0.01	—	1,587
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.19	1.41	< 0.005	0.01	—	0.01	0.01	—	0.01	—	262	262	0.01	< 0.005	—	263
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.63	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	219	219	< 0.005	< 0.005	0.21	220
Vendor	0.01	0.35	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	332	332	0.01	0.05	0.20	346
Hauling	< 0.005	0.11	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	109	109	< 0.005	0.02	0.09	115
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.60	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	209	209	< 0.005	< 0.005	0.01	210
Vendor	0.01	0.36	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	332	332	0.01	0.05	0.01	346
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	109	109	< 0.005	0.02	< 0.005	114
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.28	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	99.8	99.8	< 0.005	< 0.005	0.04	100

Vendor	< 0.005	0.17	0.07	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	157	157	< 0.005	0.02	0.04	164
Hauling	< 0.005	0.06	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	51.7	51.7	< 0.005	0.01	0.02	54.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	16.5	16.5	< 0.005	< 0.005	0.01	16.6
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.0	26.0	< 0.005	< 0.005	0.01	27.2
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.56	8.56	< 0.005	< 0.005	< 0.005	8.98

3.29. 11-Post Construction / Site Restoration (2039) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	162	162	< 0.005	< 0.005	< 0.005	162
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.59	0.38	0.01	0.03	0.56	0.58	0.03	0.16	0.18	—	1,504	1,504	0.02	0.23	0.03	1,574
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.81	9.81	< 0.005	< 0.005	< 0.005	9.85
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.10	0.02	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	90.6	90.6	< 0.005	0.01	0.03	94.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.62	1.62	< 0.005	< 0.005	< 0.005	1.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	< 0.005	15.7

3.30. 11-Post Construction / Site Restoration (2039) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	162	162	< 0.005	< 0.005	< 0.005	162
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.59	0.38	0.01	0.03	0.56	0.58	0.03	0.16	0.18	—	1,504	1,504	0.02	0.23	0.03	1,574
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.81	9.81	< 0.005	< 0.005	< 0.005	9.85
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.10	0.02	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	90.6	90.6	< 0.005	0.01	0.03	94.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.62	1.62	< 0.005	< 0.005	< 0.005	1.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	< 0.005	15.7

3.31. A3-Well Abandonment (2029) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.61	3.93	32.2	0.04	0.12	—	0.12	0.12	—	0.12	—	4,128	4,128	0.17	0.03	—	4,143
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.72	5.87	0.01	0.02	—	0.02	0.02	—	0.02	—	684	684	0.03	0.01	—	686
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.08	1.23	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	285	285	0.01	0.01	0.82	290
Vendor	0.01	0.28	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	249	249	< 0.005	0.04	0.48	261
Hauling	0.07	6.88	1.52	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	6,139	6,139	0.10	0.97	11.4	6,442
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	1.17	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	273	273	0.01	0.01	0.02	277
Vendor	0.01	0.29	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	249	249	< 0.005	0.04	0.01	260

Hauling	0.07	7.13	1.54	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	6,140	6,140	0.10	0.97	0.29	6,432
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.31	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	74.2	74.2	< 0.005	< 0.005	0.10	75.3
Vendor	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	67.3	67.3	< 0.005	0.01	0.06	70.3
Hauling	0.02	1.93	0.41	0.01	0.02	0.48	0.51	0.02	0.14	0.16	—	1,658	1,658	0.03	0.26	1.32	1,738
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.02	12.5
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	0.01	11.6
Hauling	< 0.005	0.35	0.08	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	275	275	< 0.005	0.04	0.22	288

3.32. A3-Well Abandonment (2029) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Off-Road Equipment	0.61	3.93	32.2	0.04	0.12	—	0.12	0.12	—	0.12	—	4,128	4,128	0.17	0.03	—	4,143
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.72	5.87	0.01	0.02	—	0.02	0.02	—	0.02	—	684	684	0.03	0.01	—	686
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.08	1.23	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	285	285	0.01	0.01	0.82	290
Vendor	0.01	0.28	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	249	249	< 0.005	0.04	0.48	261
Hauling	0.07	6.88	1.52	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	6,139	6,139	0.10	0.97	11.4	6,442
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	1.17	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	273	273	0.01	0.01	0.02	277
Vendor	0.01	0.29	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	249	249	< 0.005	0.04	0.01	260
Hauling	0.07	7.13	1.54	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	6,140	6,140	0.10	0.97	0.29	6,432
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.31	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	74.2	74.2	< 0.005	< 0.005	0.10	75.3
Vendor	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	67.3	67.3	< 0.005	0.01	0.06	70.3
Hauling	0.02	1.93	0.41	0.01	0.02	0.48	0.51	0.02	0.14	0.16	—	1,658	1,658	0.03	0.26	1.32	1,738
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.02	12.5
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	0.01	11.6
Hauling	< 0.005	0.35	0.08	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	275	275	< 0.005	0.04	0.22	288

3.33. A3-Well Abandonment (2030) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,339
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,339
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.63	10.4	85.0	0.10	0.32	—	0.32	0.32	—	0.32	—	10,919	10,919	0.44	0.09	—	10,957
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	1.90	15.5	0.02	0.06	—	0.06	0.06	—	0.06	—	1,808	1,808	0.07	0.01	—	1,814
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.12	0.08	1.16	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	280	280	0.01	0.01	0.73	285
Vendor	0.01	0.26	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	241	241	< 0.005	0.04	0.42	252
Hauling	0.07	6.57	1.53	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,960	5,960	0.10	0.93	10.3	6,250
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.09	1.10	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	268	268	0.01	0.01	0.02	272
Vendor	0.01	0.27	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	242	242	< 0.005	0.04	0.01	252
Hauling	0.07	6.82	1.54	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,962	5,962	0.10	0.93	0.27	6,241
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.06	0.78	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	193	193	< 0.005	0.01	0.23	196
Vendor	< 0.005	0.20	0.06	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	172	172	< 0.005	0.03	0.13	180
Hauling	0.05	4.89	1.10	0.03	0.06	1.28	1.34	0.06	0.36	0.42	—	4,258	4,258	0.07	0.66	3.18	4,460
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.14	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	32.0	32.0	< 0.005	< 0.005	0.04	32.4
Vendor	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.6	28.6	< 0.005	< 0.005	0.02	29.8
Hauling	0.01	0.89	0.20	0.01	0.01	0.23	0.24	0.01	0.07	0.08	—	705	705	0.01	0.11	0.53	738

3.34. A3-Well Abandonment (2030) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,339
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,339
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.63	10.4	85.0	0.10	0.32	—	0.32	0.32	—	0.32	—	10,919	10,919	0.44	0.09	—	10,957
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	1.90	15.5	0.02	0.06	—	0.06	0.06	—	0.06	—	1,808	1,808	0.07	0.01	—	1,814
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.08	1.16	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	280	280	0.01	0.01	0.73	285
Vendor	0.01	0.26	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	241	241	< 0.005	0.04	0.42	252
Hauling	0.07	6.57	1.53	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,960	5,960	0.10	0.93	10.3	6,250
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.09	1.10	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	268	268	0.01	0.01	0.02	272
Vendor	0.01	0.27	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	242	242	< 0.005	0.04	0.01	252
Hauling	0.07	6.82	1.54	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,962	5,962	0.10	0.93	0.27	6,241
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.06	0.78	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	193	193	< 0.005	0.01	0.23	196

Vendor	< 0.005	0.20	0.06	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	172	172	< 0.005	0.03	0.13	180
Hauling	0.05	4.89	1.10	0.03	0.06	1.28	1.34	0.06	0.36	0.42	—	4,258	4,258	0.07	0.66	3.18	4,460
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.14	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	32.0	32.0	< 0.005	< 0.005	0.04	32.4
Vendor	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.6	28.6	< 0.005	< 0.005	0.02	29.8
Hauling	0.01	0.89	0.20	0.01	0.01	0.23	0.24	0.01	0.07	0.08	—	705	705	0.01	0.11	0.53	738

3.35. A3-Well Abandonment (2031) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	2.56	21.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,692	2,692	0.11	0.02	—	2,702
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.47	3.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	446	446	0.02	< 0.005	—	447
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.08	1.03	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	264	264	0.01	0.01	0.02	268
Vendor	0.01	0.26	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	233	233	< 0.005	0.04	0.01	244
Hauling	0.07	6.55	1.50	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,787	5,787	0.10	0.93	0.24	6,066
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.18	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	46.8	46.8	< 0.005	< 0.005	0.05	47.5
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.1	41.1	< 0.005	0.01	0.03	43.0
Hauling	0.01	1.16	0.26	0.01	0.02	0.32	0.33	0.02	0.09	0.10	—	1,019	1,019	0.02	0.16	0.71	1,069
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.75	7.75	< 0.005	< 0.005	0.01	7.87
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.81	6.81	< 0.005	< 0.005	< 0.005	7.12
Hauling	< 0.005	0.21	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	169	169	< 0.005	0.03	0.12	177

3.36. A3-Well Abandonment (2031) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	2.56	21.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,692	2,692	0.11	0.02	—	2,702
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.47	3.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	446	446	0.02	< 0.005	—	447
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.08	1.03	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	264	264	0.01	0.01	0.02	268
Vendor	0.01	0.26	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	233	233	< 0.005	0.04	0.01	244
Hauling	0.07	6.55	1.50	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,787	5,787	0.10	0.93	0.24	6,066
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.18	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	46.8	46.8	< 0.005	< 0.005	0.05	47.5
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.1	41.1	< 0.005	0.01	0.03	43.0
Hauling	0.01	1.16	0.26	0.01	0.02	0.32	0.33	0.02	0.09	0.10	—	1,019	1,019	0.02	0.16	0.71	1,069
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.75	7.75	< 0.005	< 0.005	0.01	7.87
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.81	6.81	< 0.005	< 0.005	< 0.005	7.12
Hauling	< 0.005	0.21	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	169	169	< 0.005	0.03	0.12	177

3.37. A5-Gas Pipeline (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,053	32,053	1.30	0.26	—	32,163
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,053	32,053	1.30	0.26	—	32,163
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.33	14.7	122	0.16	0.46	—	0.46	0.46	—	0.46	—	17,249	17,249	0.70	0.14	—	17,309
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	2.69	22.2	0.03	0.08	—	0.08	0.08	—	0.08	—	2,856	2,856	0.12	0.02	—	2,866
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.41	0.20	3.45	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,109	1,109	0.02	0.01	1.42	1,115
Vendor	0.01	0.45	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	436	436	0.01	0.06	0.36	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.41	0.25	3.29	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,061	1,061	0.02	0.01	0.04	1,065
Vendor	0.01	0.48	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	437	437	0.01	0.06	0.01	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.13	1.73	0.00	0.00	0.68	0.68	0.00	0.16	0.16	—	575	575	0.01	0.01	0.33	578
Vendor	0.01	0.25	0.10	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	235	235	< 0.005	0.03	0.08	245
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.32	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	95.2	95.2	< 0.005	< 0.005	0.05	95.6
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	38.9	38.9	< 0.005	0.01	0.01	40.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.38. A5-Gas Pipeline (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,053	32,053	1.30	0.26	—	32,163
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,053	32,053	1.30	0.26	—	32,163
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.33	14.7	122	0.16	0.46	—	0.46	0.46	—	0.46	—	17,249	17,249	0.70	0.14	—	17,309
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	2.69	22.2	0.03	0.08	—	0.08	0.08	—	0.08	—	2,856	2,856	0.12	0.02	—	2,866
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.41	0.20	3.45	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,109	1,109	0.02	0.01	1.42	1,115
Vendor	0.01	0.45	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	436	436	0.01	0.06	0.36	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.41	0.25	3.29	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,061	1,061	0.02	0.01	0.04	1,065
Vendor	0.01	0.48	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	437	437	0.01	0.06	0.01	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.13	1.73	0.00	0.00	0.68	0.68	0.00	0.16	0.16	—	575	575	0.01	0.01	0.33	578

Vendor	0.01	0.25	0.10	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	235	235	< 0.005	0.03	0.08	245
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.32	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	95.2	95.2	< 0.005	< 0.005	0.05	95.6
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	38.9	38.9	< 0.005	0.01	0.01	40.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.39. A5-Gas Pipeline (2037) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,052	32,052	1.30	0.26	—	32,162
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,052	32,052	1.30	0.26	—	32,162
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.87	5.52	45.6	0.06	0.17	—	0.17	0.17	—	0.17	—	6,461	6,461	0.26	0.05	—	6,483
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.16	1.01	8.32	0.01	0.03	—	0.03	0.03	—	0.03	—	1,070	1,070	0.04	0.01	—	1,073
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.19	3.29	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,099	1,099	0.02	0.01	1.22	1,104
Vendor	0.01	0.44	0.17	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	423	423	0.01	0.06	0.30	443
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.39	0.21	3.12	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,051	1,051	0.02	0.01	0.03	1,055
Vendor	0.01	0.46	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	424	424	0.01	0.06	0.01	443
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.62	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	213	213	< 0.005	< 0.005	0.11	214
Vendor	< 0.005	0.09	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.4	85.4	< 0.005	0.01	0.03	89.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	35.3	35.3	< 0.005	< 0.005	0.02	35.5
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	14.1	14.1	< 0.005	< 0.005	< 0.005	14.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.40. A5-Gas Pipeline (2037) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,052	32,052	1.30	0.26	—	32,162
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,052	32,052	1.30	0.26	—	32,162
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.87	5.52	45.6	0.06	0.17	—	0.17	0.17	—	0.17	—	6,461	6,461	0.26	0.05	—	6,483
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	1.01	8.32	0.01	0.03	—	0.03	0.03	—	0.03	—	1,070	1,070	0.04	0.01	—	1,073
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.19	3.29	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,099	1,099	0.02	0.01	1.22	1,104
Vendor	0.01	0.44	0.17	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	423	423	0.01	0.06	0.30	443
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.39	0.21	3.12	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,051	1,051	0.02	0.01	0.03	1,055
Vendor	0.01	0.46	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	424	424	0.01	0.06	0.01	443
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.62	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	213	213	< 0.005	< 0.005	0.11	214
Vendor	< 0.005	0.09	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.4	85.4	< 0.005	0.01	0.03	89.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	35.3	35.3	< 0.005	< 0.005	0.02	35.5
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	14.1	14.1	< 0.005	< 0.005	< 0.005	14.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.41. A6-Electrical Interconnect (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	3.59	6.31	0.01	0.02	—	0.02	0.02	—	0.02	—	952	952	0.04	0.01	—	955
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.12	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.3	31.3	< 0.005	< 0.005	—	31.4

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.18	5.18	< 0.005	< 0.005	—	5.20
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.26	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	82.5	82.5	< 0.005	< 0.005	< 0.005	82.9
Vendor	0.01	0.29	0.11	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	262	262	< 0.005	0.04	0.01	274
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	< 0.005	2.75
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.61	8.61	< 0.005	< 0.005	< 0.005	9.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	< 0.005	0.45
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.43	1.43	< 0.005	< 0.005	< 0.005	1.49
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.42. A6-Electrical Interconnect (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	3.59	6.31	0.01	0.02	—	0.02	0.02	—	0.02	—	952	952	0.04	0.01	—	955
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.12	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.3	31.3	< 0.005	< 0.005	—	31.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.18	5.18	< 0.005	< 0.005	—	5.20
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.26	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	82.5	82.5	< 0.005	< 0.005	< 0.005	82.9
Vendor	0.01	0.29	0.11	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	262	262	< 0.005	0.04	0.01	274
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	< 0.005	2.75

Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.61	8.61	< 0.005	< 0.005	< 0.005	9.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	< 0.005	0.45
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.43	1.43	< 0.005	< 0.005	< 0.005	1.49
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.43. 8-Paving (2038) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.22	3.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	442	442	0.02	< 0.005	—	443
Paving	0.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.22	3.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	442	442	0.02	< 0.005	—	443
Paving	0.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	50.8	50.8	< 0.005	< 0.005	—	51.0
Paving	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.42	8.42	< 0.005	< 0.005	—	8.45
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.38	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	134	134	< 0.005	< 0.005	0.13	134
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.34	0.32	0.01	0.02	0.48	0.50	0.02	0.13	0.16	—	1,310	1,310	0.01	0.21	1.03	1,374
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.36	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	128	128	< 0.005	< 0.005	< 0.005	128
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.40	0.32	0.01	0.02	0.48	0.50	0.02	0.13	0.16	—	1,310	1,310	0.01	0.21	0.03	1,374
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.8	14.8	< 0.005	< 0.005	0.01	14.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.16	0.04	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	151	151	< 0.005	0.02	0.05	158
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.45	2.45	< 0.005	< 0.005	< 0.005	2.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.0	25.0	< 0.005	< 0.005	0.01	26.2

3.44. 8-Paving (2038) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.22	3.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	442	442	0.02	< 0.005	—	443
Paving	0.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.22	3.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	442	442	0.02	< 0.005	—	443
Paving	0.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	50.8	50.8	< 0.005	< 0.005	—	51.0
Paving	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.42	8.42	< 0.005	< 0.005	—	8.45
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.38	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	134	134	< 0.005	< 0.005	0.13	134
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.34	0.32	0.01	0.02	0.48	0.50	0.02	0.13	0.16	—	1,310	1,310	0.01	0.21	1.03	1,374
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.36	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	128	128	< 0.005	< 0.005	< 0.005	128
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.40	0.32	0.01	0.02	0.48	0.50	0.02	0.13	0.16	—	1,310	1,310	0.01	0.21	0.03	1,374
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.8	14.8	< 0.005	< 0.005	0.01	14.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.16	0.04	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	151	151	< 0.005	0.02	0.05	158
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.45	2.45	< 0.005	< 0.005	< 0.005	2.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.0	25.0	< 0.005	< 0.005	0.01	26.2

3.45. 9-Painting/Insulation (2038) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Off-Road Equipment	—	—	—	< 0.005	—	—	—	—	—	—	—	36.2	36.2	< 0.005	< 0.005	—	36.3
Architectural Coatings	4.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	—	—	—	< 0.005	—	—	—	—	—	—	—	36.2	36.2	< 0.005	< 0.005	—	36.3
Architectural Coatings	4.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	—	—	—	< 0.005	—	—	—	—	—	—	—	4.06	4.06	< 0.005	< 0.005	—	4.08
Architectural Coatings	0.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	—	—	—	< 0.005	—	—	—	—	—	—	—	0.67	0.67	< 0.005	< 0.005	—	0.68
Architectural Coatings	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	24.3	24.3	< 0.005	< 0.005	0.02	24.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	1.01	0.24	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	982	982	0.01	0.16	0.77	1,031
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	23.3	23.3	< 0.005	< 0.005	< 0.005	23.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	1.05	0.24	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	983	983	0.01	0.16	0.02	1,030
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.63	2.63	< 0.005	< 0.005	< 0.005	2.64
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	110	110	< 0.005	0.02	0.04	116
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	18.3	18.3	< 0.005	< 0.005	0.01	19.2

3.46. 9-Painting/Insulation (2038) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	—	—	—	< 0.005	—	—	—	—	—	—	—	36.2	36.2	< 0.005	< 0.005	—	36.3

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Architect Coatings	4.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	—	—	—	< 0.005	—	—	—	—	—	—	—	36.2	36.2	< 0.005	< 0.005	—	36.3
Architect ural Coatings	4.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	—	—	—	< 0.005	—	—	—	—	—	—	—	4.06	4.06	< 0.005	< 0.005	—	4.08
Architect ural Coatings	0.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	—	—	—	< 0.005	—	—	—	—	—	—	—	0.67	0.67	< 0.005	< 0.005	—	0.68
Architect ural Coatings	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	< 0.005	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	24.3	24.3	< 0.005	< 0.005	0.02	24.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	1.01	0.24	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	982	982	0.01	0.16	0.77	1,031
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	23.3	23.3	< 0.005	< 0.005	< 0.005	23.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	1.05	0.24	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	983	983	0.01	0.16	0.02	1,030
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.63	2.63	< 0.005	< 0.005	< 0.005	2.64
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	110	110	< 0.005	0.02	0.04	116
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	18.3	18.3	< 0.005	< 0.005	0.01	19.2

3.47. 5-Trenching/Undergrounds (2037) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.83	1.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	341	341	0.01	< 0.005	—	342
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.13	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	54.1	54.1	< 0.005	< 0.005	—	54.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.96	8.96	< 0.005	< 0.005	—	8.99
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.05	0.84	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	281	281	< 0.005	< 0.005	0.31	282
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	42.3	42.3	< 0.005	0.01	0.03	44.3
Hauling	0.01	1.01	0.26	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	994	994	0.01	0.16	0.88	1,043
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.13	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	43.0	43.0	< 0.005	< 0.005	0.02	43.2
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.73	6.73	< 0.005	< 0.005	< 0.005	7.04
Hauling	< 0.005	0.17	0.04	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	158	158	< 0.005	0.03	0.06	166
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.12	7.12	< 0.005	< 0.005	< 0.005	7.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.11	1.11	< 0.005	< 0.005	< 0.005	1.17
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.2	26.2	< 0.005	< 0.005	0.01	27.4

3.48. 5-Trenching/Undergrounds (2037) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.83	1.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	341	341	0.01	< 0.005	—	342
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.13	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	54.1	54.1	< 0.005	< 0.005	—	54.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.96	8.96	< 0.005	< 0.005	—	8.99
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.05	0.84	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	281	281	< 0.005	< 0.005	0.31	282
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	42.3	42.3	< 0.005	0.01	0.03	44.3
Hauling	0.01	1.01	0.26	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	994	994	0.01	0.16	0.88	1,043

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.13	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	43.0	43.0	< 0.005	< 0.005	0.02	43.2
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.73	6.73	< 0.005	< 0.005	< 0.005	7.04
Hauling	< 0.005	0.17	0.04	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	158	158	< 0.005	0.03	0.06	166
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.12	7.12	< 0.005	< 0.005	< 0.005	7.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.11	1.11	< 0.005	< 0.005	< 0.005	1.17
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.2	26.2	< 0.005	< 0.005	0.01	27.4

4. Operations Emissions Details

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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
2-Demolition (Existing Buildings & Foundations)	Demolition	4/1/2036	6/4/2036	5.00	47.0	—
12-Decommissioning Demolition	Demolition	2/13/2040	5/15/2040	5.00	67.0	—
1-Subsurface Exploration	Site Preparation	7/2/2035	9/5/2035	5.00	48.0	—
A4-Offsite Laydown Development	Site Preparation	4/1/2036	6/4/2036	5.00	47.0	—
A1-Site Assessment	Site Preparation	5/1/2029	5/18/2029	5.00	14.0	—
A2-Soil Remediation	Site Preparation	6/3/2030	11/4/2030	5.00	111	—
3-Site Preparation/ Rough Grading	Grading	6/5/2036	9/5/2036	5.00	67.0	—
4-Foundations	Building Construction	9/8/2036	5/7/2037	5.00	174	—
10-Commissioning / Startup and Testing	Building Construction	8/31/2038	2/10/2039	5.00	118	—
6-Equipment , Structural Steel & Building Erection, Piping	Building Construction	1/13/2037	11/11/2037	5.00	217	—
7-Electrical & Instrumentation	Building Construction	10/13/2037	8/30/2038	5.00	230	—
11-Post Construction / Site Restoration	Building Construction	2/11/2039	3/14/2039	5.00	22.0	—
A3-Well Abandonment	Building Construction	8/16/2029	3/31/2031	5.00	423	—
A5-Gas Pipeline	Building Construction	4/1/2036	4/13/2037	5.00	270	—
A6-Electrical Interconnect	Building Construction	12/12/2036	12/29/2036	5.00	12.0	—
8-Paving	Paving	8/31/2038	10/27/2038	5.00	42.0	—
9-Painting/Insulation	Architectural Coating	9/29/2038	11/24/2038	5.00	41.0	—
5-Trenching/Underground s	Trenching	4/8/2037	6/26/2037	5.00	58.0	—

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
2-Demolition (Existing Buildings & Foundations)	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
2-Demolition (Existing Buildings & Foundations)	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
2-Demolition (Existing Buildings & Foundations)	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
2-Demolition (Existing Buildings & Foundations)	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
2-Demolition (Existing Buildings & Foundations)	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
2-Demolition (Existing Buildings & Foundations)	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	65.0	0.37
2-Demolition (Existing Buildings & Foundations)	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
12-Decomissioning Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
12-Decomissioning Demolition	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
12-Decomissioning Demolition	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
12-Decomissioning Demolition	Aerial Lifts	Electric	Average	1.00	8.00	46.0	0.31
12-Decomissioning Demolition	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

12-Decomissioning Demolition	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
12-Decomissioning Demolition	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
12-Decomissioning Demolition	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
12-Decomissioning Demolition	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
12-Decomissioning Demolition	Welders	Electric	Average	3.00	8.00	46.0	0.45
12-Decomissioning Demolition	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
1-Subsurface Exploration	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	300	0.50
A4-Offsite Laydown Development	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
A4-Offsite Laydown Development	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	225	0.37
A4-Offsite Laydown Development	Welders	Diesel	Tier 4 Final	4.00	8.00	24.0	0.45
A4-Offsite Laydown Development	Excavators	Diesel	Tier 4 Final	1.00	8.00	443	0.38
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	84.0	0.37
A4-Offsite Laydown Development	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
A4-Offsite Laydown Development	Forklifts	Electric	Tier 4 Final	1.00	8.00	82.0	0.20
A4-Offsite Laydown Development	Generator Sets	Diesel	Tier 4 Final	4.00	8.00	49.0	0.74

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

A4-Offsite Laydown Development	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
A4-Offsite Laydown Development	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A4-Offsite Laydown Development	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
A1-Site Assessment	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
A1-Site Assessment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	300	0.50
A2-Soil Remediation	Excavators	Diesel	Tier 4 Final	1.00	8.00	346	0.38
A2-Soil Remediation	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A2-Soil Remediation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
A2-Soil Remediation	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
3-Site Preparation/ Rough Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
3-Site Preparation/ Rough Grading	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
3-Site Preparation/ Rough Grading	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
3-Site Preparation/ Rough Grading	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
4-Foundations	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
4-Foundations	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
4-Foundations	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
4-Foundations	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
4-Foundations	Excavators	Diesel	Tier 4 Final	1.00	8.00	346	0.38
4-Foundations	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
4-Foundations	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	170	0.40

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

10-Commissioning / Startup and Testing	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
10-Commissioning / Startup and Testing	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
10-Commissioning / Startup and Testing	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
10-Commissioning / Startup and Testing	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
10-Commissioning / Startup and Testing	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
10-Commissioning / Startup and Testing	Welders	Electric	Average	3.00	8.00	46.0	0.45
10-Commissioning / Startup and Testing	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
10-Commissioning / Startup and Testing	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
10-Commissioning / Startup and Testing	Aerial Lifts	Electric	Average	4.00	8.00	46.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Cranes	Diesel	Tier 4 Final	1.00	7.00	200	0.29
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
6-Equipment , Structural Steel & Building Erection, Piping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
6-Equipment , Structural Steel & Building Erection, Piping	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45

6-Equipment , Structural Steel & Building Erection, Piping	Cranes	Diesel	Tier 4 Final	2.00	7.00	275	0.29
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Diesel	Tier 4 Final	1.00	8.00	122	0.20
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
6-Equipment , Structural Steel & Building Erection, Piping	Welders	Electric	Average	5.00	8.00	46.0	0.45
6-Equipment , Structural Steel & Building Erection, Piping	Aerial Lifts	Diesel	Tier 4 Final	1.00	8.00	67.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Aerial Lifts	Electric	Average	5.00	8.00	46.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
6-Equipment , Structural Steel & Building Erection, Piping	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
6-Equipment , Structural Steel & Building Erection, Piping	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
6-Equipment , Structural Steel & Building Erection, Piping	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

7-Electrical & Instrumentation	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
7-Electrical & Instrumentation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
7-Electrical & Instrumentation	Aerial Lifts	Electric	Average	4.00	8.00	46.0	0.31
7-Electrical & Instrumentation	Air Compressors	Diesel	Tier 4 Final	2.00	6.00	10.0	0.48
7-Electrical & Instrumentation	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A3-Well Abandonment	Other General Industrial Equipment	Diesel	Tier 4 Final	3.00	8.00	200	0.29
A3-Well Abandonment	Graders	Diesel	Tier 4 Final	1.00	8.00	200	0.74
A3-Well Abandonment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	550	0.37
A3-Well Abandonment	Excavators	Diesel	Tier 4 Final	2.00	8.00	250	0.38
A3-Well Abandonment	Cranes	Diesel	Tier 4 Final	3.00	7.00	320	0.29
A3-Well Abandonment	Pumps	Diesel	Tier 4 Final	2.00	8.00	550	0.74
A3-Well Abandonment	Other Construction Equipment	Diesel	Tier 4 Final	2.00	8.00	115	0.42
A3-Well Abandonment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	450	0.50
A3-Well Abandonment	Off-Highway Trucks	Diesel	Tier 4 Final	3.00	8.00	320	0.38
A3-Well Abandonment	Welders	Diesel	Tier 4 Final	3.00	8.00	50.0	0.45
A5-Gas Pipeline	Excavators	Diesel	Tier 4 Final	8.00	8.00	346	0.38
A5-Gas Pipeline	Concrete/Industrial Saws	Diesel	Tier 4 Final	8.00	8.00	261	0.73
A5-Gas Pipeline	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	363	0.40
A5-Gas Pipeline	Other Construction Equipment	Diesel	Tier 4 Final	8.00	8.00	319	0.42
A5-Gas Pipeline	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.00	109	0.42
A5-Gas Pipeline	Welders	Diesel	Tier 4 Final	4.00	8.00	24.0	0.45
A5-Gas Pipeline	Graders	Diesel	Tier 4 Final	1.00	8.00	250	0.41

A5-Gas Pipeline	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A5-Gas Pipeline	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	74.0	0.37
A5-Gas Pipeline	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	3.00	7.00	350	0.37
A5-Gas Pipeline	Skid Steer Loaders	Diesel	Tier 4 Final	3.00	8.00	65.0	0.37
A5-Gas Pipeline	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	173	0.50
A5-Gas Pipeline	Other General Industrial Equipment	Diesel	Tier 4 Final	3.00	8.00	23.0	0.34
A5-Gas Pipeline	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	22.0	0.74
A6-Electrical Interconnect	Air Compressors	Diesel	Tier 4 Final	2.00	6.00	10.0	0.48
A6-Electrical Interconnect	Forklifts	Diesel	Tier 4 Final	1.00	8.00	82.0	0.20
A6-Electrical Interconnect	Generator Sets	Diesel	Tier 4 Final	2.00	8.00	49.0	0.74
8-Paving	Rollers	Diesel	Tier 4 Final	1.00	8.00	125	0.38
9-Painting/Insulation	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
5-Trenching/Undergro unds	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
5-Trenching/Undergro unds	Pumps	Diesel	Tier 4 Final	2.00	8.00	11.0	0.74

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
2-Demolition (Existing Buildings & Foundations)	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
2-Demolition (Existing Buildings & Foundations)	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

2-Demolition (Existing Buildings & Foundations)	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
2-Demolition (Existing Buildings & Foundations)	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
2-Demolition (Existing Buildings & Foundations)	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
2-Demolition (Existing Buildings & Foundations)	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	65.0	0.37
2-Demolition (Existing Buildings & Foundations)	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
12-Decomissioning Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
12-Decomissioning Demolition	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
12-Decomissioning Demolition	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
12-Decomissioning Demolition	Aerial Lifts	Electric	Average	1.00	8.00	46.0	0.31
12-Decomissioning Demolition	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
12-Decomissioning Demolition	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
12-Decomissioning Demolition	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
12-Decomissioning Demolition	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
12-Decomissioning Demolition	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
12-Decomissioning Demolition	Welders	Electric	Average	3.00	8.00	46.0	0.45

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

12-Decomissioning Demolition	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
1-Subsurface Exploration	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	300	0.50
A4-Offsite Laydown Development	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
A4-Offsite Laydown Development	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	225	0.37
A4-Offsite Laydown Development	Welders	Diesel	Tier 4 Final	4.00	8.00	24.0	0.45
A4-Offsite Laydown Development	Excavators	Diesel	Tier 4 Final	1.00	8.00	443	0.38
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	84.0	0.37
A4-Offsite Laydown Development	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
A4-Offsite Laydown Development	Forklifts	Electric	Tier 4 Final	1.00	8.00	82.0	0.20
A4-Offsite Laydown Development	Generator Sets	Diesel	Tier 4 Final	4.00	8.00	49.0	0.74
A4-Offsite Laydown Development	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
A4-Offsite Laydown Development	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A4-Offsite Laydown Development	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
A1-Site Assessment	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
A1-Site Assessment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	300	0.50

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

A2-Soil Remediation	Excavators	Diesel	Tier 4 Final	1.00	8.00	346	0.38
A2-Soil Remediation	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A2-Soil Remediation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
A2-Soil Remediation	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
3-Site Preparation/ Rough Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
3-Site Preparation/ Rough Grading	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
3-Site Preparation/ Rough Grading	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
3-Site Preparation/ Rough Grading	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
4-Foundations	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
4-Foundations	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
4-Foundations	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
4-Foundations	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
4-Foundations	Excavators	Diesel	Tier 4 Final	1.00	8.00	346	0.38
4-Foundations	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
4-Foundations	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	170	0.40
10-Commissioning / Startup and Testing	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
10-Commissioning / Startup and Testing	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
10-Commissioning / Startup and Testing	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
10-Commissioning / Startup and Testing	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
10-Commissioning / Startup and Testing	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

10-Commissioning / Startup and Testing	Welders	Electric	Average	3.00	8.00	46.0	0.45
10-Commissioning / Startup and Testing	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
10-Commissioning / Startup and Testing	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
10-Commissioning / Startup and Testing	Aerial Lifts	Electric	Average	4.00	8.00	46.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Cranes	Diesel	Tier 4 Final	1.00	7.00	200	0.29
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
6-Equipment , Structural Steel & Building Erection, Piping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
6-Equipment , Structural Steel & Building Erection, Piping	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
6-Equipment , Structural Steel & Building Erection, Piping	Cranes	Diesel	Tier 4 Final	2.00	7.00	275	0.29
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Diesel	Tier 4 Final	1.00	8.00	122	0.20
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Electric	Average	1.00	8.00	82.0	0.20

6-Equipment , Structural Steel & Building Erection, Piping	Welders	Electric	Average	5.00	8.00	46.0	0.45
6-Equipment , Structural Steel & Building Erection, Piping	Aerial Lifts	Diesel	Tier 4 Final	1.00	8.00	67.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Aerial Lifts	Electric	Average	5.00	8.00	46.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
6-Equipment , Structural Steel & Building Erection, Piping	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
6-Equipment , Structural Steel & Building Erection, Piping	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
6-Equipment , Structural Steel & Building Erection, Piping	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
7-Electrical & Instrumentation	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
7-Electrical & Instrumentation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
7-Electrical & Instrumentation	Aerial Lifts	Electric	Average	4.00	8.00	46.0	0.31
7-Electrical & Instrumentation	Air Compressors	Diesel	Tier 4 Final	2.00	6.00	10.0	0.48
7-Electrical & Instrumentation	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

A3-Well Abandonment	Other General Industrial Equipment	Diesel	Tier 4 Final	3.00	8.00	200	0.29
A3-Well Abandonment	Graders	Diesel	Tier 4 Final	1.00	8.00	200	0.74
A3-Well Abandonment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	550	0.37
A3-Well Abandonment	Excavators	Diesel	Tier 4 Final	2.00	8.00	250	0.38
A3-Well Abandonment	Cranes	Diesel	Tier 4 Final	3.00	7.00	320	0.29
A3-Well Abandonment	Pumps	Diesel	Tier 4 Final	2.00	8.00	550	0.74
A3-Well Abandonment	Other Construction Equipment	Diesel	Tier 4 Final	2.00	8.00	115	0.42
A3-Well Abandonment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	450	0.50
A3-Well Abandonment	Off-Highway Trucks	Diesel	Tier 4 Final	3.00	8.00	320	0.38
A3-Well Abandonment	Welders	Diesel	Tier 4 Final	3.00	8.00	50.0	0.45
A5-Gas Pipeline	Excavators	Diesel	Tier 4 Final	8.00	8.00	346	0.38
A5-Gas Pipeline	Concrete/Industrial Saws	Diesel	Tier 4 Final	8.00	8.00	261	0.73
A5-Gas Pipeline	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	363	0.40
A5-Gas Pipeline	Other Construction Equipment	Diesel	Tier 4 Final	8.00	8.00	319	0.42
A5-Gas Pipeline	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.00	109	0.42
A5-Gas Pipeline	Welders	Diesel	Tier 4 Final	4.00	8.00	24.0	0.45
A5-Gas Pipeline	Graders	Diesel	Tier 4 Final	1.00	8.00	250	0.41
A5-Gas Pipeline	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A5-Gas Pipeline	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	74.0	0.37
A5-Gas Pipeline	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	3.00	7.00	350	0.37
A5-Gas Pipeline	Skid Steer Loaders	Diesel	Tier 4 Final	3.00	8.00	65.0	0.37
A5-Gas Pipeline	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	173	0.50
A5-Gas Pipeline	Other General Industrial Equipment	Diesel	Tier 4 Final	3.00	8.00	23.0	0.34

A5-Gas Pipeline	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	22.0	0.74
A6-Electrical Interconnect	Air Compressors	Diesel	Tier 4 Final	2.00	6.00	10.0	0.48
A6-Electrical Interconnect	Forklifts	Diesel	Tier 4 Final	1.00	8.00	82.0	0.20
A6-Electrical Interconnect	Generator Sets	Diesel	Tier 4 Final	2.00	8.00	49.0	0.74
8-Paving	Rollers	Diesel	Tier 4 Final	1.00	8.00	125	0.38
9-Painting/Insulation	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
5-Trenching/Underground	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
5-Trenching/Underground	Pumps	Diesel	Tier 4 Final	2.00	8.00	11.0	0.74

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
1-Subsurface Exploration	—	—	—	—
1-Subsurface Exploration	Worker	28.0	10.0	LDA,LDT1,LDT2
1-Subsurface Exploration	Vendor	8.00	10.0	HHDT,MHDT
1-Subsurface Exploration	Hauling	5.00	44.0	HHDT
1-Subsurface Exploration	Onsite truck	—	—	HHDT
3-Site Preparation/ Rough Grading	—	—	—	—
3-Site Preparation/ Rough Grading	Worker	30.0	10.0	LDA,LDT1,LDT2
3-Site Preparation/ Rough Grading	Vendor	10.0	10.0	HHDT,MHDT
3-Site Preparation/ Rough Grading	Hauling	52.0	44.0	HHDT
3-Site Preparation/ Rough Grading	Onsite truck	—	—	HHDT
4-Foundations	—	—	—	—
4-Foundations	Worker	68.0	10.0	LDA,LDT1,LDT2

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

4-Foundations	Vendor	16.0	10.0	HHDT,MHDT
4-Foundations	Hauling	10.0	44.0	HHDT
4-Foundations	Onsite truck	—	—	HHDT
5-Trenching/Undergrounds	—	—	—	—
5-Trenching/Undergrounds	Worker	46.0	10.0	LDA,LDT1,LDT2
5-Trenching/Undergrounds	Vendor	2.00	10.0	HHDT,MHDT
5-Trenching/Undergrounds	Hauling	9.00	44.0	HHDT
5-Trenching/Undergrounds	Onsite truck	—	—	HHDT
6-Equipment , Structural Steel & Building Erection, Piping	—	—	—	—
6-Equipment , Structural Steel & Building Erection, Piping	Worker	78.0	10.0	LDA,LDT1,LDT2
6-Equipment , Structural Steel & Building Erection, Piping	Vendor	22.0	10.0	HHDT,MHDT
6-Equipment , Structural Steel & Building Erection, Piping	Hauling	1.00	44.0	HHDT
6-Equipment , Structural Steel & Building Erection, Piping	Onsite truck	—	—	HHDT
7-Electrical & Instrumentation	—	—	—	—
7-Electrical & Instrumentation	Worker	36.0	10.0	LDA,LDT1,LDT2
7-Electrical & Instrumentation	Vendor	16.0	10.0	HHDT,MHDT
7-Electrical & Instrumentation	Hauling	1.00	44.0	HHDT
7-Electrical & Instrumentation	Onsite truck	—	—	HHDT
2-Demolition (Existing Buildings & Foundations)	—	—	—	—
2-Demolition (Existing Buildings & Foundations)	Worker	22.0	10.0	LDA,LDT1,LDT2
2-Demolition (Existing Buildings & Foundations)	Vendor	8.00	10.0	HHDT,MHDT
2-Demolition (Existing Buildings & Foundations)	Hauling	52.0	20.0	HHDT

2-Demolition (Existing Buildings & Foundations)	Onsite truck	—	—	HHDT
8-Paving	—	—	—	—
8-Paving	Worker	22.0	10.0	LDA,LDT1,LDT2
8-Paving	Vendor	—	10.0	HHDT,MHDT
8-Paving	Hauling	12.0	44.0	HHDT
8-Paving	Onsite truck	—	—	HHDT
12-Decomissioning Demolition	—	—	—	—
12-Decomissioning Demolition	Worker	28.0	10.0	LDA,LDT1,LDT2
12-Decomissioning Demolition	Vendor	18.0	10.0	HHDT,MHDT
12-Decomissioning Demolition	Hauling	3.00	20.0	HHDT
12-Decomissioning Demolition	Onsite truck	—	—	HHDT
10-Commissioning / Startup and Testing	—	—	—	—
10-Commissioning / Startup and Testing	Worker	28.0	10.0	LDA,LDT1,LDT2
10-Commissioning / Startup and Testing	Vendor	12.0	10.0	HHDT,MHDT
10-Commissioning / Startup and Testing	Hauling	3.00	44.0	HHDT
10-Commissioning / Startup and Testing	Onsite truck	—	—	HHDT
9-Painting/Insulation	—	—	—	—
9-Painting/Insulation	Worker	4.00	10.0	LDA,LDT1,LDT2
9-Painting/Insulation	Vendor	—	10.0	HHDT,MHDT
9-Painting/Insulation	Hauling	9.00	44.0	HHDT
9-Painting/Insulation	Onsite truck	—	—	HHDT
11-Post Construction / Site Restoration	—	—	—	—
11-Post Construction / Site Restoration	Worker	28.0	10.0	LDA,LDT1,LDT2

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

11-Post Construction / Site Restoration	Vendor	0.00	0.00	HHDT,MHDT
11-Post Construction / Site Restoration	Hauling	14.0	44.0	HHDT
11-Post Construction / Site Restoration	Onsite truck	—	—	HHDT
A4-Offsite Laydown Development	—	—	—	—
A4-Offsite Laydown Development	Worker	266	10.0	LDA,LDT1,LDT2
A4-Offsite Laydown Development	Vendor	20.0	10.0	HHDT,MHDT
A4-Offsite Laydown Development	Hauling	0.00	44.0	HHDT
A4-Offsite Laydown Development	Onsite truck	—	—	HHDT
A3-Well Abandonment	—	—	—	—
A3-Well Abandonment	Worker	42.0	10.0	LDA,LDT1,LDT2
A3-Well Abandonment	Vendor	9.00	10.0	HHDT,MHDT
A3-Well Abandonment	Hauling	45.0	44.0	HHDT
A3-Well Abandonment	Onsite truck	—	—	HHDT
A1-Site Assessment	—	—	—	—
A1-Site Assessment	Worker	12.0	10.0	LDA,LDT1,LDT2
A1-Site Assessment	Vendor	8.00	10.0	HHDT,MHDT
A1-Site Assessment	Hauling	0.00	0.00	HHDT
A1-Site Assessment	Onsite truck	—	—	HHDT
A2-Soil Remediation	—	—	—	—
A2-Soil Remediation	Worker	18.0	10.0	LDA,LDT1,LDT2
A2-Soil Remediation	Vendor	12.0	10.0	HHDT,MHDT
A2-Soil Remediation	Hauling	20.0	46.0	HHDT
A2-Soil Remediation	Onsite truck	—	—	HHDT
A5-Gas Pipeline	—	—	—	—
A5-Gas Pipeline	Worker	180	10.0	LDA,LDT1,LDT2
A5-Gas Pipeline	Vendor	20.0	10.0	HHDT,MHDT

A5-Gas Pipeline	Hauling	0.00	20.0	HHDT
A5-Gas Pipeline	Onsite truck	—	—	HHDT
A6-Electrical Interconnect	—	—	—	—
A6-Electrical Interconnect	Worker	14.0	10.0	LDA,LDT1,LDT2
A6-Electrical Interconnect	Vendor	12.0	10.0	HHDT,MHDT
A6-Electrical Interconnect	Hauling	0.00	20.0	HHDT
A6-Electrical Interconnect	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
1-Subsurface Exploration	—	—	—	—
1-Subsurface Exploration	Worker	28.0	10.0	LDA,LDT1,LDT2
1-Subsurface Exploration	Vendor	8.00	10.0	HHDT,MHDT
1-Subsurface Exploration	Hauling	5.00	44.0	HHDT
1-Subsurface Exploration	Onsite truck	—	—	HHDT
3-Site Preparation/ Rough Grading	—	—	—	—
3-Site Preparation/ Rough Grading	Worker	30.0	10.0	LDA,LDT1,LDT2
3-Site Preparation/ Rough Grading	Vendor	10.0	10.0	HHDT,MHDT
3-Site Preparation/ Rough Grading	Hauling	52.0	44.0	HHDT
3-Site Preparation/ Rough Grading	Onsite truck	—	—	HHDT
4-Foundations	—	—	—	—
4-Foundations	Worker	68.0	10.0	LDA,LDT1,LDT2
4-Foundations	Vendor	16.0	10.0	HHDT,MHDT
4-Foundations	Hauling	10.0	44.0	HHDT
4-Foundations	Onsite truck	—	—	HHDT
5-Trenching/Undergrounds	—	—	—	—
5-Trenching/Undergrounds	Worker	46.0	10.0	LDA,LDT1,LDT2
5-Trenching/Undergrounds	Vendor	2.00	10.0	HHDT,MHDT

5-Trenching/Undergrounds	Hauling	9.00	44.0	HHDT
5-Trenching/Undergrounds	Onsite truck	—	—	HHDT
6-Equipment , Structural Steel & Building Erection, Piping	—	—	—	—
6-Equipment , Structural Steel & Building Erection, Piping	Worker	78.0	10.0	LDA,LDT1,LDT2
6-Equipment , Structural Steel & Building Erection, Piping	Vendor	22.0	10.0	HHDT,MHDT
6-Equipment , Structural Steel & Building Erection, Piping	Hauling	1.00	44.0	HHDT
6-Equipment , Structural Steel & Building Erection, Piping	Onsite truck	—	—	HHDT
7-Electrical & Instrumentation	—	—	—	—
7-Electrical & Instrumentation	Worker	36.0	10.0	LDA,LDT1,LDT2
7-Electrical & Instrumentation	Vendor	16.0	10.0	HHDT,MHDT
7-Electrical & Instrumentation	Hauling	1.00	44.0	HHDT
7-Electrical & Instrumentation	Onsite truck	—	—	HHDT
2-Demolition (Existing Buildings & Foundations)	—	—	—	—
2-Demolition (Existing Buildings & Foundations)	Worker	22.0	10.0	LDA,LDT1,LDT2
2-Demolition (Existing Buildings & Foundations)	Vendor	8.00	10.0	HHDT,MHDT
2-Demolition (Existing Buildings & Foundations)	Hauling	52.0	20.0	HHDT
2-Demolition (Existing Buildings & Foundations)	Onsite truck	—	—	HHDT
8-Paving	—	—	—	—
8-Paving	Worker	22.0	10.0	LDA,LDT1,LDT2
8-Paving	Vendor	—	10.0	HHDT,MHDT
8-Paving	Hauling	12.0	44.0	HHDT
8-Paving	Onsite truck	—	—	HHDT

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

12-Decomissioning Demolition	—	—	—	—
12-Decomissioning Demolition	Worker	28.0	10.0	LDA,LDT1,LDT2
12-Decomissioning Demolition	Vendor	18.0	10.0	HHDT,MHDT
12-Decomissioning Demolition	Hauling	3.00	20.0	HHDT
12-Decomissioning Demolition	Onsite truck	—	—	HHDT
10-Commissioning / Startup and Testing	—	—	—	—
10-Commissioning / Startup and Testing	Worker	28.0	10.0	LDA,LDT1,LDT2
10-Commissioning / Startup and Testing	Vendor	12.0	10.0	HHDT,MHDT
10-Commissioning / Startup and Testing	Hauling	3.00	44.0	HHDT
10-Commissioning / Startup and Testing	Onsite truck	—	—	HHDT
9-Painting/Insulation	—	—	—	—
9-Painting/Insulation	Worker	4.00	10.0	LDA,LDT1,LDT2
9-Painting/Insulation	Vendor	—	10.0	HHDT,MHDT
9-Painting/Insulation	Hauling	9.00	44.0	HHDT
9-Painting/Insulation	Onsite truck	—	—	HHDT
11-Post Construction / Site Restoration	—	—	—	—
11-Post Construction / Site Restoration	Worker	28.0	10.0	LDA,LDT1,LDT2
11-Post Construction / Site Restoration	Vendor	0.00	0.00	HHDT,MHDT
11-Post Construction / Site Restoration	Hauling	14.0	44.0	HHDT
11-Post Construction / Site Restoration	Onsite truck	—	—	HHDT
A4-Offsite Laydown Development	—	—	—	—
A4-Offsite Laydown Development	Worker	266	10.0	LDA,LDT1,LDT2

SCG-VCM Project - Ventura Steel Site- Criteria Pollutants- Overlapping Phases Detailed Report, 8/21/2025

A4-Offsite Laydown Development	Vendor	20.0	10.0	HHDT,MHDT
A4-Offsite Laydown Development	Hauling	0.00	44.0	HHDT
A4-Offsite Laydown Development	Onsite truck	—	—	HHDT
A3-Well Abandonment	—	—	—	—
A3-Well Abandonment	Worker	42.0	10.0	LDA,LDT1,LDT2
A3-Well Abandonment	Vendor	9.00	10.0	HHDT,MHDT
A3-Well Abandonment	Hauling	45.0	44.0	HHDT
A3-Well Abandonment	Onsite truck	—	—	HHDT
A1-Site Assessment	—	—	—	—
A1-Site Assessment	Worker	12.0	10.0	LDA,LDT1,LDT2
A1-Site Assessment	Vendor	8.00	10.0	HHDT,MHDT
A1-Site Assessment	Hauling	0.00	0.00	HHDT
A1-Site Assessment	Onsite truck	—	—	HHDT
A2-Soil Remediation	—	—	—	—
A2-Soil Remediation	Worker	18.0	10.0	LDA,LDT1,LDT2
A2-Soil Remediation	Vendor	12.0	10.0	HHDT,MHDT
A2-Soil Remediation	Hauling	20.0	46.0	HHDT
A2-Soil Remediation	Onsite truck	—	—	HHDT
A5-Gas Pipeline	—	—	—	—
A5-Gas Pipeline	Worker	180	10.0	LDA,LDT1,LDT2
A5-Gas Pipeline	Vendor	20.0	10.0	HHDT,MHDT
A5-Gas Pipeline	Hauling	0.00	20.0	HHDT
A5-Gas Pipeline	Onsite truck	—	—	HHDT
A6-Electrical Interconnect	—	—	—	—
A6-Electrical Interconnect	Worker	14.0	10.0	LDA,LDT1,LDT2
A6-Electrical Interconnect	Vendor	12.0	10.0	HHDT,MHDT
A6-Electrical Interconnect	Hauling	0.00	20.0	HHDT
A6-Electrical Interconnect	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)
9-Painting/Insulation	0.00	0.00	34,524	11,508	20,626

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
2-Demolition (Existing Buildings & Foundations)	0.00	0.00	0.00	20,390	—
12-Decommissioning Demolition	0.00	0.00	0.00	19,000	—
1-Subsurface Exploration	—	500	0.00	0.00	—
A4-Offsite Laydown Development	—	—	0.00	0.00	—
A1-Site Assessment	—	—	0.00	0.00	—
A2-Soil Remediation	—	—	0.00	0.00	—
3-Site Preparation/ Rough Grading	—	1,500	26.0	0.00	—
8-Paving	0.00	0.00	0.00	0.00	7.89

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

Water Demolished Area	2	36%	36%
-----------------------	---	-----	-----

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Heavy Industry	0.00	0%
General Heavy Industry	0.00	0%
General Heavy Industry	0.00	0%
General Heavy Industry	0.00	0%
General Office Building	0.00	0%
Other Asphalt Surfaces	7.89	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2029	0.00	532	0.03	< 0.005
2035	0.00	532	0.03	< 0.005
2036	97.8	532	0.03	< 0.005
2037	1,481	532	0.03	< 0.005
2038	1,149	532	0.03	< 0.005
2039	809	532	0.03	< 0.005
2030	0.00	532	0.03	< 0.005
2031	0.00	532	0.03	< 0.005
2040	553	532	0.03	< 0.005

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	15.6	annual days of extreme heat
Extreme Precipitation	8.00	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	49.8	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 $\frac{3}{4}$ 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 (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

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	1	0	0	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	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	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	1	1	1	2
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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	47.0
AQ-PM	23.4
AQ-DPM	1.77
Drinking Water	65.1
Lead Risk Housing	81.1

Pesticides	60.9
Toxic Releases	17.7
Traffic	22.5
Effect Indicators	—
CleanUp Sites	63.7
Groundwater	66.9
Haz Waste Facilities/Generators	77.2
Impaired Water Bodies	77.3
Solid Waste	59.2
Sensitive Population	—
Asthma	19.1
Cardio-vascular	1.86
Low Birth Weights	20.5
Socioeconomic Factor Indicators	—
Education	62.9
Housing	38.8
Linguistic	—
Poverty	48.0
Unemployment	15.8

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	37.91864494
Employed	27.51186963
Median HI	57.38483254
Education	—

Bachelor's or higher	40.20274605
High school enrollment	12.02361093
Preschool enrollment	52.4573335
Transportation	—
Auto Access	80.12318748
Active commuting	59.59194149
Social	—
2-parent households	43.74438599
Voting	53.68920826
Neighborhood	—
Alcohol availability	61.7862184
Park access	49.94225587
Retail density	0.320800719
Supermarket access	11.20236109
Tree canopy	71.98768125
Housing	—
Homeownership	77.53111767
Housing habitability	69.08764276
Low-inc homeowner severe housing cost burden	45.18157321
Low-inc renter severe housing cost burden	59.27114077
Uncrowded housing	37.66200436
Health Outcomes	—
Insured adults	42.12755037
Arthritis	0.0
Asthma ER Admissions	80.4
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	17.7
Cognitively Disabled	22.1
Physically Disabled	34.8
Heart Attack ER Admissions	89.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
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	67.3
SLR Inundation Area	0.0
Children	44.4
Elderly	64.7
English Speaking	56.2
Foreign-born	34.5
Outdoor Workers	27.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	89.0
Traffic Density	17.4

Traffic Access	23.0
Other Indices	—
Hardship	70.7
Other Decision Support	—
2016 Voting	61.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	31.0
Healthy Places Index Score for Project Location (b)	44.0
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	Project Specific
Construction: Off-Road Equipment	Project Specific
Construction: Trips and VMT	Project specific

Construction: Dust From Material Movement	Project specific
---	------------------

ATTACHMENT A.3 – GHG EMISSIONS

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report

Table of Contents

- 1. Basic Project Information
 - 1.1. Basic Project Information
 - 1.2. Land Use Types
 - 1.3. User-Selected Emission Reduction Measures by Emissions Sector
- 2. Emissions Summary
 - 2.1. Construction Emissions Compared Against Thresholds
 - 2.2. Construction Emissions by Year, Unmitigated
 - 2.3. Construction Emissions by Year, Mitigated
- 3. Construction Emissions Details
 - 3.1. 2-Demolition (Existing Buildings & Foundations) (2036) - Unmitigated
 - 3.2. 2-Demolition (Existing Buildings & Foundations) (2036) - Mitigated
 - 3.3. 12-Decommissioning Demolition (2040) - Unmitigated
 - 3.4. 12-Decommissioning Demolition (2040) - Mitigated
 - 3.5. 1-Subsurface Exploration (2035) - Unmitigated

- 3.6. 1-Subsurface Exploration (2035) - Mitigated
- 3.7. A4-Offsite Laydown Development (2036) - Unmitigated
- 3.8. A4-Offsite Laydown Development (2036) - Mitigated
- 3.9. A1-Site Assessment (2029) - Unmitigated
- 3.10. A1-Site Assessment (2029) - Mitigated
- 3.11. A2-Soil Remediation (2030) - Unmitigated
- 3.12. A2-Soil Remediation (2030) - Mitigated
- 3.13. 3-Site Preparation/ Rough Grading (2036) - Unmitigated
- 3.14. 3-Site Preparation/ Rough Grading (2036) - Mitigated
- 3.15. 4-Foundations (2036) - Unmitigated
- 3.16. 4-Foundations (2036) - Mitigated
- 3.17. 4-Foundations (2037) - Unmitigated
- 3.18. 4-Foundations (2037) - Mitigated
- 3.19. 10-Commissioning / Startup and Testing (2038) - Unmitigated
- 3.20. 10-Commissioning / Startup and Testing (2038) - Mitigated
- 3.21. 10-Commissioning / Startup and Testing (2039) - Unmitigated
- 3.22. 10-Commissioning / Startup and Testing (2039) - Mitigated
- 3.23. 6-Equipment , Structural Steel & Building Erection, Piping (2037) - Unmitigated

3.24. 6-Equipment , Structural Steel & Building Erection, Piping (2037) - Mitigated

3.25. 7-Electrical & Instrumentation (2037) - Unmitigated

3.26. 7-Electrical & Instrumentation (2037) - Mitigated

3.27. 7-Electrical & Instrumentation (2038) - Unmitigated

3.28. 7-Electrical & Instrumentation (2038) - Mitigated

3.29. 11-Post Construction / Site Restoration (2039) - Unmitigated

3.30. 11-Post Construction / Site Restoration (2039) - Mitigated

3.31. A3-Well Abandonment (2029) - Unmitigated

3.32. A3-Well Abandonment (2029) - Mitigated

3.33. A3-Well Abandonment (2030) - Unmitigated

3.34. A3-Well Abandonment (2030) - Mitigated

3.35. A3-Well Abandonment (2031) - Unmitigated

3.36. A3-Well Abandonment (2031) - Mitigated

3.37. A5-Gas Pipeline (2036) - Unmitigated

3.38. A5-Gas Pipeline (2036) - Mitigated

3.39. A5-Gas Pipeline (2037) - Unmitigated

3.40. A5-Gas Pipeline (2037) - Mitigated

3.41. A6-Electrical Interconnect (2036) - Unmitigated

3.42. A6-Electrical Interconnect (2036) - Mitigated

3.43. 8-Paving (2038) - Unmitigated

3.44. 8-Paving (2038) - Mitigated

3.45. 9-Painting/Insulation (2038) - Unmitigated

3.46. 9-Painting/Insulation (2038) - Mitigated

3.47. 5-Trenching/Undergrounds (2037) - Unmitigated

3.48. 5-Trenching/Undergrounds (2037) - Mitigated

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases
Construction Start Date	8/16/2029
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.20
Precipitation (days)	2.20
Location	34.31722641, -119.2893906
County	Ventura
City	Unincorporated
Air District	Ventura County APCD
Air Basin	South Central Coast
TAZ	3405
EDFZ	8
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.30

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
General Heavy Industry	5.46	1000sqft	0.13	5,459	0.00	—	—	—

General Heavy Industry	10.5	1000sqft	0.24	10,458	0.00	—	—	—
General Heavy Industry	2.02	1000sqft	0.05	2,016	0.00	—	—	—
General Heavy Industry	0.44	1000sqft	0.01	442	0.00	—	—	—
General Office Building	4.64	1000sqft	0.11	4,641	0.00	—	—	—
Other Asphalt Surfaces	344	1000sqft	7.89	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-10-C	Water Unpaved Construction Roads
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads
Construction	C-12	Sweep Paved Roads

* 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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.84	53.8	317	0.49	1.19	10.8	11.9	1.19	2.08	3.20	—	53,837	53,837	2.01	1.62	17.1	54,208
Mit.	6.84	53.8	317	0.49	1.19	10.8	11.9	1.19	2.08	3.20	—	53,837	53,837	2.01	1.62	17.1	54,208
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.69	52.1	314	0.48	1.17	3.46	4.63	1.17	0.88	2.03	—	52,094	52,094	1.99	1.62	0.44	52,408
Mit.	6.69	52.1	314	0.48	1.17	3.46	4.63	1.17	0.88	2.03	—	52,094	52,094	1.99	1.62	0.44	52,408
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.12	22.0	146	0.22	0.56	2.64	3.20	0.56	0.59	1.15	—	24,087	24,087	0.90	0.94	4.28	24,263
Mit.	3.12	22.0	146	0.22	0.56	2.64	3.20	0.56	0.59	1.15	—	24,087	24,087	0.90	0.94	4.28	24,263
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.57	4.02	26.6	0.04	0.10	0.48	0.58	0.10	0.11	0.21	—	3,988	3,988	0.15	0.16	0.71	4,017
Mit.	0.57	4.02	26.6	0.04	0.10	0.48	0.58	0.10	0.11	0.21	—	3,988	3,988	0.15	0.16	0.71	4,017
% 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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	2.49	21.8	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,961	21,961	0.73	1.14	12.7	22,333
2030	3.00	28.6	145	0.25	0.66	3.22	3.88	0.66	0.88	1.54	—	29,310	29,310	0.96	1.62	17.1	29,832
2031	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2035	0.53	3.84	24.6	0.05	0.10	0.46	0.56	0.10	0.12	0.22	—	5,563	5,563	0.20	0.16	1.07	5,617
2036	6.76	48.4	301	0.46	1.13	10.8	11.9	1.13	2.08	3.20	—	50,863	50,863	1.90	1.31	8.05	51,207

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

2037	6.84	53.8	317	0.49	1.19	4.16	5.35	1.19	1.04	2.23	—	53,837	53,837	2.01	1.06	5.95	54,208
2038	6.10	12.8	35.0	0.07	0.13	1.44	1.56	0.13	0.39	0.51	—	7,666	7,666	0.28	0.50	2.51	7,823
2039	—	—	—	—	—	—	—	—	—	—	—	8.39	8.39	< 0.005	< 0.005	—	8.42
2040	0.42	6.88	18.4	0.04	0.06	0.59	0.65	0.06	0.13	0.20	—	3,992	3,992	0.14	0.11	0.36	4,028
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	2.48	22.1	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,950	21,950	0.73	1.15	0.33	22,309
2030	3.00	29.0	145	0.25	0.66	3.22	3.88	0.66	0.88	1.54	—	29,294	29,294	0.96	1.62	0.44	29,800
2031	2.47	21.4	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,571	21,571	0.73	1.10	0.27	21,917
2035	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2036	5.92	43.6	281	0.41	1.04	2.65	3.69	1.04	0.66	1.70	—	44,631	44,631	1.72	0.68	0.11	44,877
2037	6.69	52.1	314	0.48	1.17	3.46	4.63	1.17	0.86	2.03	—	52,094	52,094	1.99	0.89	0.12	52,408
2038	6.10	12.9	35.0	0.07	0.13	1.44	1.56	0.13	0.39	0.51	—	7,653	7,653	0.28	0.50	0.07	7,807
2039	0.47	8.47	20.6	0.04	0.07	0.76	0.78	0.07	0.20	0.23	—	4,360	4,360	0.16	0.24	0.03	4,399
2040	0.42	6.91	18.4	0.04	0.06	0.59	0.65	0.06	0.13	0.20	—	3,986	3,986	0.14	0.11	0.01	4,021
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.68	6.01	33.3	0.05	0.15	0.59	0.74	0.15	0.16	0.31	—	6,005	6,005	0.20	0.31	1.48	6,104
2030	1.93	17.7	94.1	0.15	0.42	1.87	2.29	0.42	0.51	0.93	—	17,834	17,834	0.59	0.94	4.28	18,134
2031	0.43	3.78	21.4	0.03	0.09	0.38	0.47	0.09	0.10	0.20	—	3,799	3,799	0.13	0.19	0.79	3,861
2035	0.07	0.51	3.24	0.01	0.01	0.06	0.07	0.01	0.02	0.03	—	731	731	0.03	0.02	0.06	738
2036	3.12	22.0	146	0.22	0.56	2.64	3.20	0.56	0.59	1.15	—	24,087	24,087	0.90	0.51	1.41	24,263
2037	1.91	17.8	86.9	0.15	0.32	1.32	1.64	0.32	0.33	0.66	—	15,827	15,827	0.59	0.34	0.83	15,944
2038	1.12	7.18	22.3	0.05	0.08	0.42	0.50	0.08	0.11	0.19	—	4,859	4,859	0.18	0.13	0.26	4,902
2039	0.04	0.78	1.70	< 0.005	0.01	0.08	0.09	0.01	0.02	0.03	—	451	451	0.01	0.02	0.05	458
2040	0.08	1.27	3.37	0.01	0.01	0.11	0.12	0.01	0.02	0.04	—	732	732	0.03	0.02	0.03	738
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.12	1.10	6.07	0.01	0.03	0.11	0.13	0.03	0.03	0.06	—	994	994	0.03	0.05	0.25	1,011

2030	0.35	3.24	17.2	0.03	0.08	0.34	0.42	0.08	0.09	0.17	—	2,953	2,953	0.10	0.16	0.71	3,002
2031	0.08	0.69	3.91	0.01	0.02	0.07	0.09	0.02	0.02	0.04	—	629	629	0.02	0.03	0.13	639
2035	0.01	0.09	0.59	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	121	121	< 0.005	< 0.005	0.01	122
2036	0.57	4.02	26.6	0.04	0.10	0.48	0.58	0.10	0.11	0.21	—	3,988	3,988	0.15	0.08	0.23	4,017
2037	0.35	3.25	15.9	0.03	0.06	0.24	0.30	0.06	0.06	0.12	—	2,620	2,620	0.10	0.06	0.14	2,640
2038	0.20	1.31	4.07	0.01	0.01	0.08	0.09	0.01	0.02	0.03	—	804	804	0.03	0.02	0.04	812
2039	0.01	0.14	0.31	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	—	74.6	74.6	< 0.005	< 0.005	0.01	75.9
2040	0.01	0.23	0.61	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	121	121	< 0.005	< 0.005	< 0.005	122

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	2.49	21.8	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,961	21,961	0.73	1.14	12.7	22,333
2030	3.00	28.6	145	0.25	0.66	3.22	3.88	0.66	0.88	1.54	—	29,310	29,310	0.96	1.62	17.1	29,832
2031	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2035	0.53	3.84	24.6	0.05	0.10	0.46	0.56	0.10	0.12	0.22	—	5,563	5,563	0.20	0.16	1.07	5,617
2036	6.76	48.4	301	0.46	1.13	10.8	11.9	1.13	2.08	3.20	—	50,863	50,863	1.90	1.31	8.05	51,207
2037	6.84	53.8	317	0.49	1.19	4.16	5.35	1.19	1.04	2.23	—	53,837	53,837	2.01	1.06	5.95	54,208
2038	6.10	12.8	35.0	0.07	0.13	1.44	1.56	0.13	0.39	0.51	—	7,666	7,666	0.28	0.50	2.51	7,823
2039	—	—	—	—	—	—	—	—	—	—	—	8.39	8.39	< 0.005	< 0.005	—	8.42
2040	0.42	6.88	18.4	0.04	0.06	0.59	0.65	0.06	0.13	0.20	—	3,992	3,992	0.14	0.11	0.36	4,028
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	2.48	22.1	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,950	21,950	0.73	1.15	0.33	22,309
2030	3.00	29.0	145	0.25	0.66	3.22	3.88	0.66	0.88	1.54	—	29,294	29,294	0.96	1.62	0.44	29,800

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

2031	2.47	21.4	122	0.19	0.53	2.16	2.70	0.53	0.59	1.13	—	21,571	21,571	0.73	1.10	0.27	21,917
2035	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2036	5.92	43.6	281	0.41	1.04	2.65	3.69	1.04	0.66	1.70	—	44,631	44,631	1.72	0.68	0.11	44,877
2037	6.69	52.1	314	0.48	1.17	3.46	4.63	1.17	0.86	2.03	—	52,094	52,094	1.99	0.89	0.12	52,408
2038	6.10	12.9	35.0	0.07	0.13	1.44	1.56	0.13	0.39	0.51	—	7,653	7,653	0.28	0.50	0.07	7,807
2039	0.47	8.47	20.6	0.04	0.07	0.76	0.78	0.07	0.20	0.23	—	4,360	4,360	0.16	0.24	0.03	4,399
2040	0.42	6.91	18.4	0.04	0.06	0.59	0.65	0.06	0.13	0.20	—	3,986	3,986	0.14	0.11	0.01	4,021
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.68	6.01	33.3	0.05	0.15	0.59	0.74	0.15	0.16	0.31	—	6,005	6,005	0.20	0.31	1.48	6,104
2030	1.93	17.7	94.1	0.15	0.42	1.87	2.29	0.42	0.51	0.93	—	17,834	17,834	0.59	0.94	4.28	18,134
2031	0.43	3.78	21.4	0.03	0.09	0.38	0.47	0.09	0.10	0.20	—	3,799	3,799	0.13	0.19	0.79	3,861
2035	0.07	0.51	3.24	0.01	0.01	0.06	0.07	0.01	0.02	0.03	—	731	731	0.03	0.02	0.06	738
2036	3.12	22.0	146	0.22	0.56	2.64	3.20	0.56	0.59	1.15	—	24,087	24,087	0.90	0.51	1.41	24,263
2037	1.91	17.8	86.9	0.15	0.32	1.32	1.64	0.32	0.33	0.66	—	15,827	15,827	0.59	0.34	0.83	15,944
2038	1.12	7.18	22.3	0.05	0.08	0.42	0.50	0.08	0.11	0.19	—	4,859	4,859	0.18	0.13	0.26	4,902
2039	0.04	0.78	1.70	< 0.005	0.01	0.08	0.09	0.01	0.02	0.03	—	451	451	0.01	0.02	0.05	458
2040	0.08	1.27	3.37	0.01	0.01	0.11	0.12	0.01	0.02	0.04	—	732	732	0.03	0.02	0.03	738
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.12	1.10	6.07	0.01	0.03	0.11	0.13	0.03	0.03	0.06	—	994	994	0.03	0.05	0.25	1,011
2030	0.35	3.24	17.2	0.03	0.08	0.34	0.42	0.08	0.09	0.17	—	2,953	2,953	0.10	0.16	0.71	3,002
2031	0.08	0.69	3.91	0.01	0.02	0.07	0.09	0.02	0.02	0.04	—	629	629	0.02	0.03	0.13	639
2035	0.01	0.09	0.59	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	121	121	< 0.005	< 0.005	0.01	122
2036	0.57	4.02	26.6	0.04	0.10	0.48	0.58	0.10	0.11	0.21	—	3,988	3,988	0.15	0.08	0.23	4,017
2037	0.35	3.25	15.9	0.03	0.06	0.24	0.30	0.06	0.06	0.12	—	2,620	2,620	0.10	0.06	0.14	2,640
2038	0.20	1.31	4.07	0.01	0.01	0.08	0.09	0.01	0.02	0.03	—	804	804	0.03	0.02	0.04	812
2039	0.01	0.14	0.31	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	—	74.6	74.6	< 0.005	< 0.005	0.01	75.9
2040	0.01	0.23	0.61	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	121	121	< 0.005	< 0.005	< 0.005	122

3. Construction Emissions Details

3.1. 2-Demolition (Existing Buildings & Foundations) (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	4.67	20.3	0.04	0.07	—	0.07	0.07	—	0.07	—	3,718	3,718	0.15	0.03	—	3,731
Demolition	—	—	—	—	—	6.13	6.13	—	0.93	0.93	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.60	2.61	< 0.005	0.01	—	0.01	0.01	—	0.01	—	479	479	0.02	< 0.005	—	480
Demolition	—	—	—	—	—	0.79	0.79	—	0.12	0.12	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	—	79.5
Demolition	—	—	—	—	—	0.14	0.14	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.42	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	136	136	< 0.005	< 0.005	0.17	136
Vendor	< 0.005	0.18	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	174	174	< 0.005	0.03	0.15	182
Hauling	0.06	3.11	0.96	0.02	0.05	0.94	0.99	0.05	0.26	0.31	—	2,705	2,705	0.03	0.43	2.66	2,835
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.8	16.8	< 0.005	< 0.005	0.01	16.9
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.5	22.5	< 0.005	< 0.005	0.01	23.5
Hauling	0.01	0.41	0.12	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	348	348	< 0.005	0.05	0.15	365
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.79	2.79	< 0.005	< 0.005	< 0.005	2.80
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.72	3.72	< 0.005	< 0.005	< 0.005	3.89
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	57.7	57.7	< 0.005	0.01	0.02	60.4

3.2. 2-Demolition (Existing Buildings & Foundations) (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	4.67	20.3	0.04	0.07	—	0.07	0.07	—	0.07	—	3,718	3,718	0.15	0.03	—	3,731
Demolition	—	—	—	—	—	6.13	6.13	—	0.93	0.93	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.60	2.61	< 0.005	0.01	—	0.01	0.01	—	0.01	—	479	479	0.02	< 0.005	—	480
Demolition	—	—	—	—	—	0.79	0.79	—	0.12	0.12	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	—	79.5
Demolition	—	—	—	—	—	0.14	0.14	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.42	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	136	136	< 0.005	< 0.005	0.17	136
Vendor	< 0.005	0.18	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	174	174	< 0.005	0.03	0.15	182
Hauling	0.06	3.11	0.96	0.02	0.05	0.94	0.99	0.05	0.26	0.31	—	2,705	2,705	0.03	0.43	2.66	2,835
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.8	16.8	< 0.005	< 0.005	0.01	16.9
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.5	22.5	< 0.005	< 0.005	0.01	23.5

Hauling	0.01	0.41	0.12	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	348	348	< 0.005	0.05	0.15	365
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.79	2.79	< 0.005	< 0.005	< 0.005	2.80
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.72	3.72	< 0.005	< 0.005	< 0.005	3.89
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	57.7	57.7	< 0.005	0.01	0.02	60.4

3.3. 12-Decommissioning Demolition (2040) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	6.32	17.7	0.03	0.06	—	0.06	0.06	—	0.06	—	3,319	3,319	0.13	0.03	—	3,330
Demolition	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	6.32	17.7	0.03	0.06	—	0.06	0.06	—	0.06	—	3,319	3,319	0.13	0.03	—	3,330
Demolition	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	1.16	3.25	0.01	0.01	—	0.01	0.01	—	0.01	—	609	609	0.02	< 0.005	—	611

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Demoliti	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.21	0.59	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101
Demoliti on	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	168	168	< 0.005	< 0.005	0.12	168
Vendor	0.01	0.37	0.15	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.05	—	355	355	< 0.005	0.05	0.15	371
Hauling	< 0.005	0.17	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	147	147	< 0.005	0.02	0.09	154
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.43	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	160	160	< 0.005	< 0.005	< 0.005	161
Vendor	0.01	0.39	0.16	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.05	—	355	355	< 0.005	0.05	< 0.005	371
Hauling	< 0.005	0.17	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	147	147	< 0.005	0.02	< 0.005	154
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	29.7	29.7	< 0.005	< 0.005	0.01	29.8
Vendor	< 0.005	0.07	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	65.2	65.2	< 0.005	0.01	0.01	68.1
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.9	26.9	< 0.005	< 0.005	0.01	28.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.91	4.91	< 0.005	< 0.005	< 0.005	4.93
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	< 0.005	11.3
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.46	4.46	< 0.005	< 0.005	< 0.005	4.67

3.4. 12-Decommissioning Demolition (2040) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	6.32	17.7	0.03	0.06	—	0.06	0.06	—	0.06	—	3,319	3,319	0.13	0.03	—	3,330
Demolition	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	6.32	17.7	0.03	0.06	—	0.06	0.06	—	0.06	—	3,319	3,319	0.13	0.03	—	3,330
Demolition	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	1.16	3.25	0.01	0.01	—	0.01	0.01	—	0.01	—	609	609	0.02	< 0.005	—	611
Demolition	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.21	0.59	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101

Demoliti	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	168	168	< 0.005	< 0.005	0.12	168
Vendor	0.01	0.37	0.15	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.05	—	355	355	< 0.005	0.05	0.15	371
Hauling	< 0.005	0.17	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	147	147	< 0.005	0.02	0.09	154
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.43	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	160	160	< 0.005	< 0.005	< 0.005	161
Vendor	0.01	0.39	0.16	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.05	—	355	355	< 0.005	0.05	< 0.005	371
Hauling	< 0.005	0.17	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	147	147	< 0.005	0.02	< 0.005	154
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	29.7	29.7	< 0.005	< 0.005	0.01	29.8
Vendor	< 0.005	0.07	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	65.2	65.2	< 0.005	0.01	0.01	68.1
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.9	26.9	< 0.005	< 0.005	0.01	28.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.91	4.91	< 0.005	< 0.005	< 0.005	4.93
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	< 0.005	11.3
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.46	4.46	< 0.005	< 0.005	< 0.005	4.67

3.5. 1-Subsurface Exploration (2035) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	3.02	23.9	0.04	0.09	—	0.09	0.09	—	0.09	—	4,632	4,632	0.19	0.04	—	4,648
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.40	3.14	0.01	0.01	—	0.01	0.01	—	0.01	—	609	609	0.02	< 0.005	—	611
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.57	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.03	0.57	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	174	174	< 0.005	< 0.005	0.26	175
Vendor	< 0.005	0.19	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	180	180	< 0.005	0.03	0.17	189
Hauling	0.01	0.60	0.15	< 0.005	0.01	0.20	0.21	0.01	0.06	0.07	—	576	576	0.01	0.09	0.64	605
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	22.1	22.1	< 0.005	< 0.005	0.01	22.2
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.7	23.7	< 0.005	< 0.005	0.01	24.8
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	75.8	75.8	< 0.005	0.01	0.04	79.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.66	3.66	< 0.005	< 0.005	< 0.005	3.68
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.93	3.93	< 0.005	< 0.005	< 0.005	4.11
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	12.6	12.6	< 0.005	< 0.005	0.01	13.2

3.6. 1-Subsurface Exploration (2035) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	3.02	23.9	0.04	0.09	—	0.09	0.09	—	0.09	—	4,632	4,632	0.19	0.04	—	4,648
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.40	3.14	0.01	0.01	—	0.01	0.01	—	0.01	—	609	609	0.02	< 0.005	—	611
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.57	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.03	0.57	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	174	174	< 0.005	< 0.005	0.26	175
Vendor	< 0.005	0.19	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	180	180	< 0.005	0.03	0.17	189
Hauling	0.01	0.60	0.15	< 0.005	0.01	0.20	0.21	0.01	0.06	0.07	—	576	576	0.01	0.09	0.64	605
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	22.1	22.1	< 0.005	< 0.005	0.01	22.2

Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.7	23.7	< 0.005	< 0.005	0.01	24.8
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	75.8	75.8	< 0.005	0.01	0.04	79.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.66	3.66	< 0.005	< 0.005	< 0.005	3.68
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.93	3.93	< 0.005	< 0.005	< 0.005	4.11
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	12.6	12.6	< 0.005	< 0.005	0.01	13.2

3.7. A4-Offsite Laydown Development (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.87	11.6	44.5	0.09	0.15	—	0.15	0.15	—	0.15	—	8,457	8,457	0.34	0.07	—	8,486
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.50	5.73	0.01	0.02	—	0.02	0.02	—	0.02	—	1,089	1,089	0.04	0.01	—	1,093
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.27	1.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	180	180	0.01	< 0.005	—	181
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.61	0.29	5.10	0.00	0.00	1.88	1.88	0.00	0.44	0.44	—	1,639	1,639	0.03	0.02	2.10	1,647
Vendor	0.01	0.45	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	436	436	0.01	0.06	0.36	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.05	0.61	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	203	203	< 0.005	< 0.005	0.12	204
Vendor	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	56.2	56.2	< 0.005	0.01	0.02	58.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.7	33.7	< 0.005	< 0.005	0.02	33.8
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.30	9.30	< 0.005	< 0.005	< 0.005	9.72
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. A4-Offsite Laydown Development (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.87	11.6	44.5	0.09	0.15	—	0.15	0.15	—	0.15	—	8,457	8,457	0.34	0.07	—	8,486
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.50	5.73	0.01	0.02	—	0.02	0.02	—	0.02	—	1,089	1,089	0.04	0.01	—	1,093
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.27	1.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	180	180	0.01	< 0.005	—	181
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.61	0.29	5.10	0.00	0.00	1.88	1.88	0.00	0.44	0.44	—	1,639	1,639	0.03	0.02	2.10	1,647
Vendor	0.01	0.45	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	436	436	0.01	0.06	0.36	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.05	0.61	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	203	203	< 0.005	< 0.005	0.12	204
Vendor	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	56.2	56.2	< 0.005	0.01	0.02	58.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.7	33.7	< 0.005	< 0.005	0.02	33.8
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.30	9.30	< 0.005	< 0.005	< 0.005	9.72
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. A1-Site Assessment (2029) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.85	9.14	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,709

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.03	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	65.3	65.3	< 0.005	< 0.005	—	65.5
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.8	10.8	< 0.005	< 0.005	—	10.9
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.35	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	81.5	81.5	< 0.005	< 0.005	0.23	82.8
Vendor	0.01	0.25	0.08	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	221	221	< 0.005	0.03	0.43	232
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.01	3.01	< 0.005	< 0.005	< 0.005	3.06
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.49	8.49	< 0.005	< 0.005	0.01	8.88
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.51
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.47
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. A1-Site Assessment (2029) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.85	9.14	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,709
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Off-Road Equipment	0.01	0.03	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	65.3	65.3	< 0.005	< 0.005	—	65.5
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.8	10.8	< 0.005	< 0.005	—	10.9
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.35	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	81.5	81.5	< 0.005	< 0.005	0.23	82.8
Vendor	0.01	0.25	0.08	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	221	221	< 0.005	0.03	0.43	232
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.01	3.01	< 0.005	< 0.005	< 0.005	3.06
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.49	8.49	< 0.005	< 0.005	0.01	8.88
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.51

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.47
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. A2-Soil Remediation (2030) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	3.71	22.1	0.04	0.08	—	0.08	0.08	—	0.08	—	4,331	4,331	0.18	0.04	—	4,345
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	3.71	22.1	0.04	0.08	—	0.08	0.08	—	0.08	—	4,331	4,331	0.18	0.04	—	4,345
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.13	6.73	0.01	0.02	—	0.02	0.02	—	0.02	—	1,317	1,317	0.05	0.01	—	1,321

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.21	1.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	218	218	0.01	< 0.005	—	219
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.50	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	120	120	< 0.005	0.01	0.31	122
Vendor	0.01	0.35	0.12	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	322	322	< 0.005	0.05	0.56	336
Hauling	0.03	3.04	0.70	0.02	0.04	0.83	0.87	0.04	0.23	0.27	—	2,768	2,768	0.05	0.43	4.79	2,902
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.47	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	115	115	< 0.005	0.01	0.01	117
Vendor	0.01	0.37	0.12	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	322	322	< 0.005	0.05	0.01	336
Hauling	0.03	3.15	0.71	0.02	0.04	0.83	0.87	0.04	0.23	0.27	—	2,769	2,769	0.05	0.43	0.12	2,898
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.14	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	35.2	35.2	< 0.005	< 0.005	0.04	35.7
Vendor	< 0.005	0.11	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	97.9	97.9	< 0.005	0.01	0.07	102
Hauling	0.01	0.96	0.21	0.01	0.01	0.25	0.27	0.01	0.07	0.08	—	842	842	0.01	0.13	0.63	882
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.83	5.83	< 0.005	< 0.005	0.01	5.92
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	16.2	16.2	< 0.005	< 0.005	0.01	16.9
Hauling	< 0.005	0.18	0.04	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	139	139	< 0.005	0.02	0.10	146

3.12. A2-Soil Remediation (2030) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	3.71	22.1	0.04	0.08	—	0.08	0.08	—	0.08	—	4,331	4,331	0.18	0.04	—	4,345
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	3.71	22.1	0.04	0.08	—	0.08	0.08	—	0.08	—	4,331	4,331	0.18	0.04	—	4,345
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.13	6.73	0.01	0.02	—	0.02	0.02	—	0.02	—	1,317	1,317	0.05	0.01	—	1,321

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.21	1.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	218	218	0.01	< 0.005	—	219
Dust From Material Movement	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.50	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	120	120	< 0.005	0.01	0.31	122
Vendor	0.01	0.35	0.12	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	322	322	< 0.005	0.05	0.56	336
Hauling	0.03	3.04	0.70	0.02	0.04	0.83	0.87	0.04	0.23	0.27	—	2,768	2,768	0.05	0.43	4.79	2,902
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.47	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	115	115	< 0.005	0.01	0.01	117
Vendor	0.01	0.37	0.12	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	322	322	< 0.005	0.05	0.01	336
Hauling	0.03	3.15	0.71	0.02	0.04	0.83	0.87	0.04	0.23	0.27	—	2,769	2,769	0.05	0.43	0.12	2,898
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.14	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	35.2	35.2	< 0.005	< 0.005	0.04	35.7
Vendor	< 0.005	0.11	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	97.9	97.9	< 0.005	0.01	0.07	102
Hauling	0.01	0.96	0.21	0.01	0.01	0.25	0.27	0.01	0.07	0.08	—	842	842	0.01	0.13	0.63	882
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.83	5.83	< 0.005	< 0.005	0.01	5.92
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	16.2	16.2	< 0.005	< 0.005	0.01	16.9
Hauling	< 0.005	0.18	0.04	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	139	139	< 0.005	0.02	0.10	146

3.13. 3-Site Preparation/ Rough Grading (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	1.86	12.2	0.02	0.04	—	0.04	0.04	—	0.04	—	2,280	2,280	0.09	0.02	—	2,288
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.34	2.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	419	419	0.02	< 0.005	—	420
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.06	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.3	69.3	< 0.005	< 0.005	—	69.5
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.03	0.57	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	185	185	< 0.005	< 0.005	0.24	186
Vendor	0.01	0.23	0.09	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	218	218	< 0.005	0.03	0.18	228
Hauling	0.08	6.02	1.48	0.05	0.10	2.07	2.17	0.10	0.58	0.68	—	5,861	5,861	0.06	0.92	5.85	6,143
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	32.7	32.7	< 0.005	< 0.005	0.02	32.8
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	40.1	40.1	< 0.005	0.01	0.01	41.9
Hauling	0.02	1.15	0.27	0.01	0.02	0.38	0.40	0.02	0.11	0.13	—	1,076	1,076	0.01	0.17	0.46	1,127
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.41	5.41	< 0.005	< 0.005	< 0.005	5.44
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.63	6.63	< 0.005	< 0.005	< 0.005	6.93
Hauling	< 0.005	0.21	0.05	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	178	178	< 0.005	0.03	0.08	187

3.14. 3-Site Preparation/ Rough Grading (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	1.86	12.2	0.02	0.04	—	0.04	0.04	—	0.04	—	2,280	2,280	0.09	0.02	—	2,288
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.34	2.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	419	419	0.02	< 0.005	—	420
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.3	69.3	< 0.005	< 0.005	—	69.5
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.03	0.57	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	185	185	< 0.005	< 0.005	0.24	186
Vendor	0.01	0.23	0.09	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	218	218	< 0.005	0.03	0.18	228
Hauling	0.08	6.02	1.48	0.05	0.10	2.07	2.17	0.10	0.58	0.68	—	5,861	5,861	0.06	0.92	5.85	6,143
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	32.7	32.7	< 0.005	< 0.005	0.02	32.8
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	40.1	40.1	< 0.005	0.01	0.01	41.9
Hauling	0.02	1.15	0.27	0.01	0.02	0.38	0.40	0.02	0.11	0.13	—	1,076	1,076	0.01	0.17	0.46	1,127
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.41	5.41	< 0.005	< 0.005	< 0.005	5.44
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.63	6.63	< 0.005	< 0.005	< 0.005	6.93
Hauling	< 0.005	0.21	0.05	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	178	178	< 0.005	0.03	0.08	187

3.15. 4-Foundations (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	2.23	9.64	0.02	0.03	—	0.03	0.03	—	0.03	—	1,779	1,779	0.07	0.01	—	1,785
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.41	1.76	< 0.005	0.01	—	0.01	0.01	—	0.01	—	295	295	0.01	< 0.005	—	296
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.07	1.30	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	419	419	0.01	< 0.005	0.54	421
Vendor	0.01	0.36	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	349	349	0.01	0.05	0.29	365
Hauling	0.02	1.16	0.28	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,127	1,127	0.01	0.18	1.12	1,181
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.09	1.24	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	401	401	0.01	< 0.005	0.01	403
Vendor	0.01	0.38	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	349	349	0.01	0.05	0.01	365
Hauling	0.02	1.21	0.29	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,127	1,127	0.01	0.18	0.03	1,181
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.27	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	90.9	90.9	< 0.005	< 0.005	0.05	91.3
Vendor	< 0.005	0.08	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	78.6	78.6	< 0.005	0.01	0.03	82.1
Hauling	< 0.005	0.27	0.06	< 0.005	< 0.005	0.09	0.09	< 0.005	0.03	0.03	—	254	254	< 0.005	0.04	0.11	266
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	0.01	15.1
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.0	13.0	< 0.005	< 0.005	< 0.005	13.6
Hauling	< 0.005	0.05	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	42.0	42.0	< 0.005	0.01	0.02	44.0

3.16. 4-Foundations (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	2.23	9.64	0.02	0.03	—	0.03	0.03	—	0.03	—	1,779	1,779	0.07	0.01	—	1,785
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.41	1.76	< 0.005	0.01	—	0.01	0.01	—	0.01	—	295	295	0.01	< 0.005	—	296
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.07	1.30	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	419	419	0.01	< 0.005	0.54	421
Vendor	0.01	0.36	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	349	349	0.01	0.05	0.29	365
Hauling	0.02	1.16	0.28	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,127	1,127	0.01	0.18	1.12	1,181
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.09	1.24	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	401	401	0.01	< 0.005	0.01	403
Vendor	0.01	0.38	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	349	349	0.01	0.05	0.01	365
Hauling	0.02	1.21	0.29	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,127	1,127	0.01	0.18	0.03	1,181
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.27	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	90.9	90.9	< 0.005	< 0.005	0.05	91.3
Vendor	< 0.005	0.08	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	78.6	78.6	< 0.005	0.01	0.03	82.1
Hauling	< 0.005	0.27	0.06	< 0.005	< 0.005	0.09	0.09	< 0.005	0.03	0.03	—	254	254	< 0.005	0.04	0.11	266
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	0.01	15.1
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.0	13.0	< 0.005	< 0.005	< 0.005	13.6
Hauling	< 0.005	0.05	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	42.0	42.0	< 0.005	0.01	0.02	44.0

3.17. 4-Foundations (2037) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	2.46	10.6	0.02	0.04	—	0.04	0.04	—	0.04	—	1,965	1,965	0.08	0.02	—	1,972
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.45	1.94	< 0.005	0.01	—	0.01	0.01	—	0.01	—	325	325	0.01	< 0.005	—	326
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.07	1.24	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	415	415	0.01	< 0.005	0.46	417
Vendor	0.01	0.35	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.24	354
Hauling	0.02	1.12	0.29	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,105	1,105	0.01	0.18	0.98	1,159
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.08	1.18	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	397	397	0.01	< 0.005	0.01	399
Vendor	0.01	0.37	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.01	355

Hauling	0.02	1.17	0.28	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,105	1,105	0.01	0.18	0.03	1,158
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.29	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	99.4	99.4	< 0.005	< 0.005	0.05	99.8
Vendor	< 0.005	0.09	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	84.2	84.2	< 0.005	0.01	0.03	88.1
Hauling	< 0.005	0.29	0.07	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	275	275	< 0.005	0.04	0.11	288
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	16.5	16.5	< 0.005	< 0.005	0.01	16.5
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.9	13.9	< 0.005	< 0.005	< 0.005	14.6
Hauling	< 0.005	0.05	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	45.5	45.5	< 0.005	0.01	0.02	47.7

3.18. 4-Foundations (2037) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	9.90	42.8	0.08	0.14	—	0.14	0.14	—	0.14	—	7,906	7,906	0.32	0.06	—	7,933
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Off-Road Equipment	0.20	2.46	10.6	0.02	0.04	—	0.04	0.04	—	0.04	—	1,965	1,965	0.08	0.02	—	1,972
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.45	1.94	< 0.005	0.01	—	0.01	0.01	—	0.01	—	325	325	0.01	< 0.005	—	326
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.07	1.24	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	415	415	0.01	< 0.005	0.46	417
Vendor	0.01	0.35	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.24	354
Hauling	0.02	1.12	0.29	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,105	1,105	0.01	0.18	0.98	1,159
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.08	1.18	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	397	397	0.01	< 0.005	0.01	399
Vendor	0.01	0.37	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.01	355
Hauling	0.02	1.17	0.28	0.01	0.02	0.40	0.42	0.02	0.11	0.13	—	1,105	1,105	0.01	0.18	0.03	1,158
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.29	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	99.4	99.4	< 0.005	< 0.005	0.05	99.8
Vendor	< 0.005	0.09	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	84.2	84.2	< 0.005	0.01	0.03	88.1
Hauling	< 0.005	0.29	0.07	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	275	275	< 0.005	0.04	0.11	288
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	16.5	16.5	< 0.005	< 0.005	0.01	16.5
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.9	13.9	< 0.005	< 0.005	< 0.005	14.6
Hauling	< 0.005	0.05	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	45.5	45.5	< 0.005	0.01	0.02	47.7

3.19. 10-Commissioning / Startup and Testing (2038) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	1.89	4.81	0.01	0.02	—	0.02	0.02	—	0.02	—	873	873	0.04	0.01	—	876
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.34	0.88	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	144	144	0.01	< 0.005	—	145
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.03	0.49	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	170	170	< 0.005	< 0.005	0.16	171
Vendor	0.01	0.26	0.10	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	249	249	< 0.005	0.04	0.15	260
Hauling	< 0.005	0.34	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	327	327	< 0.005	0.05	0.26	344
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.03	0.46	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	163	163	< 0.005	< 0.005	< 0.005	163
Vendor	0.01	0.27	0.11	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	249	249	< 0.005	0.04	< 0.005	260
Hauling	< 0.005	0.35	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	328	328	< 0.005	0.05	0.01	343
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	39.5	39.5	< 0.005	< 0.005	0.02	39.6
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	59.9	59.9	< 0.005	0.01	0.02	62.5
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	78.8	78.8	< 0.005	0.01	0.03	82.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.53	6.53	< 0.005	< 0.005	< 0.005	6.56
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.91	9.91	< 0.005	< 0.005	< 0.005	10.4
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	< 0.005	13.7

3.20. 10-Commissioning / Startup and Testing (2038) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	1.89	4.81	0.01	0.02	—	0.02	0.02	—	0.02	—	873	873	0.04	0.01	—	876
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.34	0.88	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	144	144	0.01	< 0.005	—	145
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.03	0.49	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	170	170	< 0.005	< 0.005	0.16	171
Vendor	0.01	0.26	0.10	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	249	249	< 0.005	0.04	0.15	260
Hauling	< 0.005	0.34	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	327	327	< 0.005	0.05	0.26	344
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.03	0.46	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	163	163	< 0.005	< 0.005	< 0.005	163
Vendor	0.01	0.27	0.11	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	249	249	< 0.005	0.04	< 0.005	260
Hauling	< 0.005	0.35	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	328	328	< 0.005	0.05	0.01	343
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	39.5	39.5	< 0.005	< 0.005	0.02	39.6

Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	59.9	59.9	< 0.005	0.01	0.02	62.5
Hauling	< 0.005	0.08	0.02	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	78.8	78.8	< 0.005	0.01	0.03	82.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.53	6.53	< 0.005	< 0.005	< 0.005	6.56
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.91	9.91	< 0.005	< 0.005	< 0.005	10.4
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	< 0.005	13.7

3.21. 10-Commissioning / Startup and Testing (2039) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.63	1.60	< 0.005	0.01	—	0.01	0.01	—	0.01	—	291	291	0.01	< 0.005	—	292
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	48.2	48.2	< 0.005	< 0.005	—	48.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	162	162	< 0.005	< 0.005	< 0.005	162
Vendor	0.01	0.27	0.10	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	243	243	< 0.005	0.04	< 0.005	253
Hauling	< 0.005	0.34	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	322	322	< 0.005	0.05	0.01	337
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	< 0.005	13.1
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.5	19.5	< 0.005	< 0.005	< 0.005	20.3
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.9	25.9	< 0.005	< 0.005	0.01	27.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.16	2.16	< 0.005	< 0.005	< 0.005	2.17
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.22	3.22	< 0.005	< 0.005	< 0.005	3.37
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.28	4.28	< 0.005	< 0.005	< 0.005	4.48

3.22. 10-Commissioning / Startup and Testing (2039) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	7.83	20.0	0.04	0.06	—	0.06	0.06	—	0.06	—	3,625	3,625	0.15	0.03	—	3,637

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.63	1.60	< 0.005	0.01	—	0.01	0.01	—	0.01	—	291	291	0.01	< 0.005	—	292
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	48.2	48.2	< 0.005	< 0.005	—	48.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	162	162	< 0.005	< 0.005	< 0.005	162
Vendor	0.01	0.27	0.10	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	243	243	< 0.005	0.04	< 0.005	253
Hauling	< 0.005	0.34	0.08	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	322	322	< 0.005	0.05	0.01	337
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	< 0.005	13.1
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.5	19.5	< 0.005	< 0.005	< 0.005	20.3
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.9	25.9	< 0.005	< 0.005	0.01	27.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.16	2.16	< 0.005	< 0.005	< 0.005	2.17
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.22	3.22	< 0.005	< 0.005	< 0.005	3.37
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.28	4.28	< 0.005	< 0.005	< 0.005	4.48

3.23. 6-Equipment , Structural Steel & Building Erection, Piping (2037) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	11.2	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,155	7,155	0.29	0.06	—	7,180
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	11.2	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,155	7,155	0.29	0.06	—	7,180
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	6.66	22.8	0.04	0.08	—	0.08	0.08	—	0.08	—	4,254	4,254	0.17	0.03	—	4,268
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	1.22	4.17	0.01	0.01	—	0.01	0.01	—	0.01	—	704	704	0.03	0.01	—	707
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.17	0.08	1.42	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	476	476	0.01	0.01	0.53	478
Vendor	0.01	0.48	0.19	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	466	466	0.01	0.07	0.33	487
Hauling	0.01	0.68	0.13	0.01	0.01	0.27	0.28	0.01	0.08	0.09	—	740	740	0.01	0.12	0.66	776
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.09	1.35	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	456	456	0.01	0.01	0.01	457
Vendor	0.01	0.51	0.19	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	466	466	0.01	0.07	0.01	488
Hauling	0.01	0.71	0.13	0.01	0.01	0.27	0.28	0.01	0.08	0.09	—	740	740	0.01	0.12	0.02	776
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.05	0.80	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	273	273	0.01	< 0.005	0.14	274
Vendor	0.01	0.30	0.11	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	277	277	< 0.005	0.04	0.09	290
Hauling	< 0.005	0.43	0.08	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	440	440	< 0.005	0.07	0.17	461
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.15	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	45.2	45.2	< 0.005	< 0.005	0.02	45.4
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	45.9	45.9	< 0.005	0.01	0.01	48.0
Hauling	< 0.005	0.08	0.01	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	72.9	72.9	< 0.005	0.01	0.03	76.4

3.24. 6-Equipment , Structural Steel & Building Erection, Piping (2037) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	11.2	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,155	7,155	0.29	0.06	—	7,180
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	11.2	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,155	7,155	0.29	0.06	—	7,180
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	6.66	22.8	0.04	0.08	—	0.08	0.08	—	0.08	—	4,254	4,254	0.17	0.03	—	4,268
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	1.22	4.17	0.01	0.01	—	0.01	0.01	—	0.01	—	704	704	0.03	0.01	—	707
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.08	1.42	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	476	476	0.01	0.01	0.53	478
Vendor	0.01	0.48	0.19	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	466	466	0.01	0.07	0.33	487
Hauling	0.01	0.68	0.13	0.01	0.01	0.27	0.28	0.01	0.08	0.09	—	740	740	0.01	0.12	0.66	776
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.09	1.35	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	456	456	0.01	0.01	0.01	457
Vendor	0.01	0.51	0.19	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	466	466	0.01	0.07	0.01	488
Hauling	0.01	0.71	0.13	0.01	0.01	0.27	0.28	0.01	0.08	0.09	—	740	740	0.01	0.12	0.02	776
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.05	0.80	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	273	273	0.01	< 0.005	0.14	274

Vendor	0.01	0.30	0.11	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	277	277	< 0.005	0.04	0.09	290
Hauling	< 0.005	0.43	0.08	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	440	440	< 0.005	0.07	0.17	461
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.15	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	45.2	45.2	< 0.005	< 0.005	0.02	45.4
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	45.9	45.9	< 0.005	0.01	0.01	48.0
Hauling	< 0.005	0.08	0.01	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	72.9	72.9	< 0.005	0.01	0.03	76.4

3.25. 7-Electrical & Instrumentation (2037) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	9.26	34.2	0.07	0.12	—	0.12	0.12	—	0.12	—	6,593	6,593	0.27	0.05	—	6,616
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.45	5.36	0.01	0.02	—	0.02	0.02	—	0.02	—	1,032	1,032	0.04	0.01	—	1,036
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.26	0.98	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	171	171	0.01	< 0.005	—	171
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.62	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	210	210	< 0.005	< 0.005	0.01	211
Vendor	0.01	0.37	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.01	355
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	111	111	< 0.005	0.02	< 0.005	116
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.2	33.2	< 0.005	< 0.005	0.02	33.3
Vendor	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	53.0	53.0	< 0.005	0.01	0.02	55.5
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	17.3	17.3	< 0.005	< 0.005	0.01	18.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.49	5.49	< 0.005	< 0.005	< 0.005	5.51
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.78	8.78	< 0.005	< 0.005	< 0.005	9.19
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.86	2.86	< 0.005	< 0.005	< 0.005	3.00

3.26. 7-Electrical & Instrumentation (2037) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	9.26	34.2	0.07	0.12	—	0.12	0.12	—	0.12	—	6,593	6,593	0.27	0.05	—	6,616

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.45	5.36	0.01	0.02	—	0.02	0.02	—	0.02	—	1,032	1,032	0.04	0.01	—	1,036
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.26	0.98	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	171	171	0.01	< 0.005	—	171
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.62	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	210	210	< 0.005	< 0.005	0.01	211
Vendor	0.01	0.37	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	339	339	0.01	0.05	0.01	355
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	111	111	< 0.005	0.02	< 0.005	116
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.2	33.2	< 0.005	< 0.005	0.02	33.3
Vendor	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	53.0	53.0	< 0.005	0.01	0.02	55.5
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	17.3	17.3	< 0.005	< 0.005	0.01	18.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.49	5.49	< 0.005	< 0.005	< 0.005	5.51
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.78	8.78	< 0.005	< 0.005	< 0.005	9.19
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.86	2.86	< 0.005	< 0.005	< 0.005	3.00

3.27. 7-Electrical & Instrumentation (2038) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	9.26	34.2	0.07	0.12	—	0.12	0.12	—	0.12	—	6,593	6,593	0.27	0.05	—	6,616
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	9.26	34.2	0.07	0.12	—	0.12	0.12	—	0.12	—	6,593	6,593	0.27	0.05	—	6,616
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	4.38	16.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,122	3,122	0.13	0.03	—	3,133
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.80	2.96	0.01	0.01	—	0.01	0.01	—	0.01	—	517	517	0.02	< 0.005	—	519
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.08	0.04	0.63	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	219	219	< 0.005	< 0.005	0.21	220
Vendor	0.01	0.35	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	332	332	0.01	0.05	0.20	346
Hauling	< 0.005	0.11	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	109	109	< 0.005	0.02	0.09	115
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.60	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	209	209	< 0.005	< 0.005	0.01	210
Vendor	0.01	0.36	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	332	332	0.01	0.05	0.01	346
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	109	109	< 0.005	0.02	< 0.005	114
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.28	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	99.8	99.8	< 0.005	< 0.005	0.04	100
Vendor	< 0.005	0.17	0.07	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	157	157	< 0.005	0.02	0.04	164
Hauling	< 0.005	0.06	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	51.7	51.7	< 0.005	0.01	0.02	54.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	16.5	16.5	< 0.005	< 0.005	0.01	16.6
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.0	26.0	< 0.005	< 0.005	0.01	27.2
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.56	8.56	< 0.005	< 0.005	< 0.005	8.98

3.28. 7-Electrical & Instrumentation (2038) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	9.26	34.2	0.07	0.12	—	0.12	0.12	—	0.12	—	6,593	6,593	0.27	0.05	—	6,616
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	9.26	34.2	0.07	0.12	—	0.12	0.12	—	0.12	—	6,593	6,593	0.27	0.05	—	6,616
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	4.38	16.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,122	3,122	0.13	0.03	—	3,133
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.80	2.96	0.01	0.01	—	0.01	0.01	—	0.01	—	517	517	0.02	< 0.005	—	519
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.63	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	219	219	< 0.005	< 0.005	0.21	220
Vendor	0.01	0.35	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	332	332	0.01	0.05	0.20	346
Hauling	< 0.005	0.11	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	109	109	< 0.005	0.02	0.09	115
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.60	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	209	209	< 0.005	< 0.005	0.01	210
Vendor	0.01	0.36	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	332	332	0.01	0.05	0.01	346
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	109	109	< 0.005	0.02	< 0.005	114
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.28	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	99.8	99.8	< 0.005	< 0.005	0.04	100

Vendor	< 0.005	0.17	0.07	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	157	157	< 0.005	0.02	0.04	164
Hauling	< 0.005	0.06	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	51.7	51.7	< 0.005	0.01	0.02	54.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	16.5	16.5	< 0.005	< 0.005	0.01	16.6
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.0	26.0	< 0.005	< 0.005	0.01	27.2
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.56	8.56	< 0.005	< 0.005	< 0.005	8.98

3.29. 11-Post Construction / Site Restoration (2039) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	162	162	< 0.005	< 0.005	< 0.005	162
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.59	0.38	0.01	0.03	0.56	0.58	0.03	0.16	0.18	—	1,504	1,504	0.02	0.23	0.03	1,574
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.81	9.81	< 0.005	< 0.005	< 0.005	9.85
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.10	0.02	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	90.6	90.6	< 0.005	0.01	0.03	94.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.62	1.62	< 0.005	< 0.005	< 0.005	1.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	< 0.005	15.7

3.30. 11-Post Construction / Site Restoration (2039) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	162	162	< 0.005	< 0.005	< 0.005	162
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.59	0.38	0.01	0.03	0.56	0.58	0.03	0.16	0.18	—	1,504	1,504	0.02	0.23	0.03	1,574
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.81	9.81	< 0.005	< 0.005	< 0.005	9.85
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.10	0.02	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	90.6	90.6	< 0.005	0.01	0.03	94.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.62	1.62	< 0.005	< 0.005	< 0.005	1.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	< 0.005	15.7

3.31. A3-Well Abandonment (2029) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.61	3.93	32.2	0.04	0.12	—	0.12	0.12	—	0.12	—	4,128	4,128	0.17	0.03	—	4,143
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.72	5.87	0.01	0.02	—	0.02	0.02	—	0.02	—	684	684	0.03	0.01	—	686
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.08	1.23	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	285	285	0.01	0.01	0.82	290
Vendor	0.01	0.28	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	249	249	< 0.005	0.04	0.48	261
Hauling	0.07	6.88	1.52	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	6,139	6,139	0.10	0.97	11.4	6,442
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	1.17	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	273	273	0.01	0.01	0.02	277
Vendor	0.01	0.29	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	249	249	< 0.005	0.04	0.01	260

Hauling	0.07	7.13	1.54	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	6,140	6,140	0.10	0.97	0.29	6,432
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.31	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	74.2	74.2	< 0.005	< 0.005	0.10	75.3
Vendor	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	67.3	67.3	< 0.005	0.01	0.06	70.3
Hauling	0.02	1.93	0.41	0.01	0.02	0.48	0.51	0.02	0.14	0.16	—	1,658	1,658	0.03	0.26	1.32	1,738
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.02	12.5
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	0.01	11.6
Hauling	< 0.005	0.35	0.08	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	275	275	< 0.005	0.04	0.22	288

3.32. A3-Well Abandonment (2029) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Off-Road Equipment	0.61	3.93	32.2	0.04	0.12	—	0.12	0.12	—	0.12	—	4,128	4,128	0.17	0.03	—	4,143
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.72	5.87	0.01	0.02	—	0.02	0.02	—	0.02	—	684	684	0.03	0.01	—	686
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.08	1.23	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	285	285	0.01	0.01	0.82	290
Vendor	0.01	0.28	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	249	249	< 0.005	0.04	0.48	261
Hauling	0.07	6.88	1.52	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	6,139	6,139	0.10	0.97	11.4	6,442
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	1.17	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	273	273	0.01	0.01	0.02	277
Vendor	0.01	0.29	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	249	249	< 0.005	0.04	0.01	260
Hauling	0.07	7.13	1.54	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	6,140	6,140	0.10	0.97	0.29	6,432
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.31	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	74.2	74.2	< 0.005	< 0.005	0.10	75.3
Vendor	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	67.3	67.3	< 0.005	0.01	0.06	70.3
Hauling	0.02	1.93	0.41	0.01	0.02	0.48	0.51	0.02	0.14	0.16	—	1,658	1,658	0.03	0.26	1.32	1,738
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.02	12.5
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	0.01	11.6
Hauling	< 0.005	0.35	0.08	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	275	275	< 0.005	0.04	0.22	288

3.33. A3-Well Abandonment (2030) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,339
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,339
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.63	10.4	85.0	0.10	0.32	—	0.32	0.32	—	0.32	—	10,919	10,919	0.44	0.09	—	10,957
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	1.90	15.5	0.02	0.06	—	0.06	0.06	—	0.06	—	1,808	1,808	0.07	0.01	—	1,814
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.12	0.08	1.16	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	280	280	0.01	0.01	0.73	285
Vendor	0.01	0.26	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	241	241	< 0.005	0.04	0.42	252
Hauling	0.07	6.57	1.53	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,960	5,960	0.10	0.93	10.3	6,250
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.09	1.10	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	268	268	0.01	0.01	0.02	272
Vendor	0.01	0.27	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	242	242	< 0.005	0.04	0.01	252
Hauling	0.07	6.82	1.54	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,962	5,962	0.10	0.93	0.27	6,241
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.06	0.78	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	193	193	< 0.005	0.01	0.23	196
Vendor	< 0.005	0.20	0.06	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	172	172	< 0.005	0.03	0.13	180
Hauling	0.05	4.89	1.10	0.03	0.06	1.28	1.34	0.06	0.36	0.42	—	4,258	4,258	0.07	0.66	3.18	4,460
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.14	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	32.0	32.0	< 0.005	< 0.005	0.04	32.4
Vendor	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.6	28.6	< 0.005	< 0.005	0.02	29.8
Hauling	0.01	0.89	0.20	0.01	0.01	0.23	0.24	0.01	0.07	0.08	—	705	705	0.01	0.11	0.53	738

3.34. A3-Well Abandonment (2030) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,339
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,339
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.63	10.4	85.0	0.10	0.32	—	0.32	0.32	—	0.32	—	10,919	10,919	0.44	0.09	—	10,957
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	1.90	15.5	0.02	0.06	—	0.06	0.06	—	0.06	—	1,808	1,808	0.07	0.01	—	1,814
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.08	1.16	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	280	280	0.01	0.01	0.73	285
Vendor	0.01	0.26	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	241	241	< 0.005	0.04	0.42	252
Hauling	0.07	6.57	1.53	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,960	5,960	0.10	0.93	10.3	6,250
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.09	1.10	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	268	268	0.01	0.01	0.02	272
Vendor	0.01	0.27	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	242	242	< 0.005	0.04	0.01	252
Hauling	0.07	6.82	1.54	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,962	5,962	0.10	0.93	0.27	6,241
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.06	0.78	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	193	193	< 0.005	0.01	0.23	196

Vendor	< 0.005	0.20	0.06	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	172	172	< 0.005	0.03	0.13	180
Hauling	0.05	4.89	1.10	0.03	0.06	1.28	1.34	0.06	0.36	0.42	—	4,258	4,258	0.07	0.66	3.18	4,460
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.14	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	32.0	32.0	< 0.005	< 0.005	0.04	32.4
Vendor	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.6	28.6	< 0.005	< 0.005	0.02	29.8
Hauling	0.01	0.89	0.20	0.01	0.01	0.23	0.24	0.01	0.07	0.08	—	705	705	0.01	0.11	0.53	738

3.35. A3-Well Abandonment (2031) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	2.56	21.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,692	2,692	0.11	0.02	—	2,702
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.47	3.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	446	446	0.02	< 0.005	—	447
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.08	1.03	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	264	264	0.01	0.01	0.02	268
Vendor	0.01	0.26	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	233	233	< 0.005	0.04	0.01	244
Hauling	0.07	6.55	1.50	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,787	5,787	0.10	0.93	0.24	6,066
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.18	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	46.8	46.8	< 0.005	< 0.005	0.05	47.5
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.1	41.1	< 0.005	0.01	0.03	43.0
Hauling	0.01	1.16	0.26	0.01	0.02	0.32	0.33	0.02	0.09	0.10	—	1,019	1,019	0.02	0.16	0.71	1,069
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.75	7.75	< 0.005	< 0.005	0.01	7.87
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.81	6.81	< 0.005	< 0.005	< 0.005	7.12
Hauling	< 0.005	0.21	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	169	169	< 0.005	0.03	0.12	177

3.36. A3-Well Abandonment (2031) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	14.5	119	0.14	0.45	—	0.45	0.45	—	0.45	—	15,287	15,287	0.62	0.12	—	15,340

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	2.56	21.0	0.02	0.08	—	0.08	0.08	—	0.08	—	2,692	2,692	0.11	0.02	—	2,702
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.47	3.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	446	446	0.02	< 0.005	—	447
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.08	1.03	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	264	264	0.01	0.01	0.02	268
Vendor	0.01	0.26	0.09	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	233	233	< 0.005	0.04	0.01	244
Hauling	0.07	6.55	1.50	0.04	0.09	1.79	1.88	0.09	0.50	0.59	—	5,787	5,787	0.10	0.93	0.24	6,066
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.18	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	46.8	46.8	< 0.005	< 0.005	0.05	47.5
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.1	41.1	< 0.005	0.01	0.03	43.0
Hauling	0.01	1.16	0.26	0.01	0.02	0.32	0.33	0.02	0.09	0.10	—	1,019	1,019	0.02	0.16	0.71	1,069
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.75	7.75	< 0.005	< 0.005	0.01	7.87
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.81	6.81	< 0.005	< 0.005	< 0.005	7.12
Hauling	< 0.005	0.21	0.05	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	169	169	< 0.005	0.03	0.12	177

3.37. A5-Gas Pipeline (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,053	32,053	1.30	0.26	—	32,163
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,053	32,053	1.30	0.26	—	32,163
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.33	14.7	122	0.16	0.46	—	0.46	0.46	—	0.46	—	17,249	17,249	0.70	0.14	—	17,309
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	2.69	22.2	0.03	0.08	—	0.08	0.08	—	0.08	—	2,856	2,856	0.12	0.02	—	2,866
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.41	0.20	3.45	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,109	1,109	0.02	0.01	1.42	1,115
Vendor	0.01	0.45	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	436	436	0.01	0.06	0.36	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.41	0.25	3.29	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,061	1,061	0.02	0.01	0.04	1,065
Vendor	0.01	0.48	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	437	437	0.01	0.06	0.01	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.13	1.73	0.00	0.00	0.68	0.68	0.00	0.16	0.16	—	575	575	0.01	0.01	0.33	578
Vendor	0.01	0.25	0.10	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	235	235	< 0.005	0.03	0.08	245
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.32	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	95.2	95.2	< 0.005	< 0.005	0.05	95.6
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	38.9	38.9	< 0.005	0.01	0.01	40.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.38. A5-Gas Pipeline (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,053	32,053	1.30	0.26	—	32,163
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,053	32,053	1.30	0.26	—	32,163
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.33	14.7	122	0.16	0.46	—	0.46	0.46	—	0.46	—	17,249	17,249	0.70	0.14	—	17,309
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	2.69	22.2	0.03	0.08	—	0.08	0.08	—	0.08	—	2,856	2,856	0.12	0.02	—	2,866
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.41	0.20	3.45	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,109	1,109	0.02	0.01	1.42	1,115
Vendor	0.01	0.45	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	436	436	0.01	0.06	0.36	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.41	0.25	3.29	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,061	1,061	0.02	0.01	0.04	1,065
Vendor	0.01	0.48	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	437	437	0.01	0.06	0.01	456
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.13	1.73	0.00	0.00	0.68	0.68	0.00	0.16	0.16	—	575	575	0.01	0.01	0.33	578

Vendor	0.01	0.25	0.10	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	235	235	< 0.005	0.03	0.08	245
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.02	0.32	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	95.2	95.2	< 0.005	< 0.005	0.05	95.6
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	38.9	38.9	< 0.005	0.01	0.01	40.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.39. A5-Gas Pipeline (2037) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,052	32,052	1.30	0.26	—	32,162
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,052	32,052	1.30	0.26	—	32,162
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.87	5.52	45.6	0.06	0.17	—	0.17	0.17	—	0.17	—	6,461	6,461	0.26	0.05	—	6,483
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.16	1.01	8.32	0.01	0.03	—	0.03	0.03	—	0.03	—	1,070	1,070	0.04	0.01	—	1,073
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.19	3.29	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,099	1,099	0.02	0.01	1.22	1,104
Vendor	0.01	0.44	0.17	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	423	423	0.01	0.06	0.30	443
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.39	0.21	3.12	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,051	1,051	0.02	0.01	0.03	1,055
Vendor	0.01	0.46	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	424	424	0.01	0.06	0.01	443
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.62	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	213	213	< 0.005	< 0.005	0.11	214
Vendor	< 0.005	0.09	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.4	85.4	< 0.005	0.01	0.03	89.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	35.3	35.3	< 0.005	< 0.005	0.02	35.5
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	14.1	14.1	< 0.005	< 0.005	< 0.005	14.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.40. A5-Gas Pipeline (2037) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,052	32,052	1.30	0.26	—	32,162
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	27.4	226	0.30	0.85	—	0.85	0.85	—	0.85	—	32,052	32,052	1.30	0.26	—	32,162
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.87	5.52	45.6	0.06	0.17	—	0.17	0.17	—	0.17	—	6,461	6,461	0.26	0.05	—	6,483
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	1.01	8.32	0.01	0.03	—	0.03	0.03	—	0.03	—	1,070	1,070	0.04	0.01	—	1,073
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.19	3.29	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,099	1,099	0.02	0.01	1.22	1,104
Vendor	0.01	0.44	0.17	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	423	423	0.01	0.06	0.30	443
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.39	0.21	3.12	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,051	1,051	0.02	0.01	0.03	1,055
Vendor	0.01	0.46	0.18	< 0.005	< 0.005	0.17	0.17	< 0.005	0.05	0.05	—	424	424	0.01	0.06	0.01	443
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.04	0.62	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	213	213	< 0.005	< 0.005	0.11	214
Vendor	< 0.005	0.09	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.4	85.4	< 0.005	0.01	0.03	89.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	35.3	35.3	< 0.005	< 0.005	0.02	35.5
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	14.1	14.1	< 0.005	< 0.005	< 0.005	14.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.41. A6-Electrical Interconnect (2036) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	3.59	6.31	0.01	0.02	—	0.02	0.02	—	0.02	—	952	952	0.04	0.01	—	955
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.12	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.3	31.3	< 0.005	< 0.005	—	31.4

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.18	5.18	< 0.005	< 0.005	—	5.20
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.26	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	82.5	82.5	< 0.005	< 0.005	< 0.005	82.9
Vendor	0.01	0.29	0.11	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	262	262	< 0.005	0.04	0.01	274
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	< 0.005	2.75
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.61	8.61	< 0.005	< 0.005	< 0.005	9.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	< 0.005	0.45
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.43	1.43	< 0.005	< 0.005	< 0.005	1.49
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.42. A6-Electrical Interconnect (2036) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	3.59	6.31	0.01	0.02	—	0.02	0.02	—	0.02	—	952	952	0.04	0.01	—	955
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.12	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.3	31.3	< 0.005	< 0.005	—	31.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.18	5.18	< 0.005	< 0.005	—	5.20
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.26	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	82.5	82.5	< 0.005	< 0.005	< 0.005	82.9
Vendor	0.01	0.29	0.11	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	262	262	< 0.005	0.04	0.01	274
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	< 0.005	2.75

Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.61	8.61	< 0.005	< 0.005	< 0.005	9.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	< 0.005	0.45
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.43	1.43	< 0.005	< 0.005	< 0.005	1.49
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.43. 8-Paving (2038) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.22	3.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	442	442	0.02	< 0.005	—	443
Paving	0.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.22	3.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	442	442	0.02	< 0.005	—	443
Paving	0.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	50.8	50.8	< 0.005	< 0.005	—	51.0
Paving	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.42	8.42	< 0.005	< 0.005	—	8.45
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.38	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	134	134	< 0.005	< 0.005	0.13	134
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.34	0.32	0.01	0.02	0.48	0.50	0.02	0.13	0.16	—	1,310	1,310	0.01	0.21	1.03	1,374
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.36	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	128	128	< 0.005	< 0.005	< 0.005	128
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.40	0.32	0.01	0.02	0.48	0.50	0.02	0.13	0.16	—	1,310	1,310	0.01	0.21	0.03	1,374
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.8	14.8	< 0.005	< 0.005	0.01	14.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.16	0.04	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	151	151	< 0.005	0.02	0.05	158
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.45	2.45	< 0.005	< 0.005	< 0.005	2.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.0	25.0	< 0.005	< 0.005	0.01	26.2

3.44. 8-Paving (2038) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.22	3.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	442	442	0.02	< 0.005	—	443
Paving	0.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.22	3.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	442	442	0.02	< 0.005	—	443
Paving	0.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	50.8	50.8	< 0.005	< 0.005	—	51.0
Paving	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.42	8.42	< 0.005	< 0.005	—	8.45
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.02	0.38	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	134	134	< 0.005	< 0.005	0.13	134
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.34	0.32	0.01	0.02	0.48	0.50	0.02	0.13	0.16	—	1,310	1,310	0.01	0.21	1.03	1,374
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.36	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	128	128	< 0.005	< 0.005	< 0.005	128
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.40	0.32	0.01	0.02	0.48	0.50	0.02	0.13	0.16	—	1,310	1,310	0.01	0.21	0.03	1,374
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.8	14.8	< 0.005	< 0.005	0.01	14.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.16	0.04	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	151	151	< 0.005	0.02	0.05	158
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.45	2.45	< 0.005	< 0.005	< 0.005	2.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.0	25.0	< 0.005	< 0.005	0.01	26.2

3.45. 9-Painting/Insulation (2038) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Off-Road Equipment	0.06	1.76	2.62	0.01	0.01	—	0.01	0.01	—	0.01	—	400	400	0.02	< 0.005	—	401
Architectural Coatings	4.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	1.76	2.62	0.01	0.01	—	0.01	0.01	—	0.01	—	400	400	0.02	< 0.005	—	401
Architectural Coatings	4.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.20	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.9	44.9	< 0.005	< 0.005	—	45.0
Architectural Coatings	0.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.43	7.43	< 0.005	< 0.005	—	7.46
Architectural Coatings	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	24.3	24.3	< 0.005	< 0.005	0.02	24.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	1.01	0.24	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	982	982	0.01	0.16	0.77	1,031
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	23.3	23.3	< 0.005	< 0.005	< 0.005	23.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	1.05	0.24	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	983	983	0.01	0.16	0.02	1,030
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.63	2.63	< 0.005	< 0.005	< 0.005	2.64
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	110	110	< 0.005	0.02	0.04	116
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	18.3	18.3	< 0.005	< 0.005	0.01	19.2

3.46. 9-Painting/Insulation (2038) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	1.76	2.62	0.01	0.01	—	0.01	0.01	—	0.01	—	400	400	0.02	< 0.005	—	401

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Architect Coatings	4.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	1.76	2.62	0.01	0.01	—	0.01	0.01	—	0.01	—	400	400	0.02	< 0.005	—	401
Architect ural Coatings	4.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.20	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.9	44.9	< 0.005	< 0.005	—	45.0
Architect ural Coatings	0.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.43	7.43	< 0.005	< 0.005	—	7.46
Architect ural Coatings	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	< 0.005	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	24.3	24.3	< 0.005	< 0.005	0.02	24.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	1.01	0.24	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	982	982	0.01	0.16	0.77	1,031
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.07	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	23.3	23.3	< 0.005	< 0.005	< 0.005	23.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	1.05	0.24	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	983	983	0.01	0.16	0.02	1,030
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.63	2.63	< 0.005	< 0.005	< 0.005	2.64
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.12	0.03	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	110	110	< 0.005	0.02	0.04	116
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	18.3	18.3	< 0.005	< 0.005	0.01	19.2

3.47. 5-Trenching/Undergrounds (2037) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.83	1.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	341	341	0.01	< 0.005	—	342
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.13	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	54.1	54.1	< 0.005	< 0.005	—	54.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.96	8.96	< 0.005	< 0.005	—	8.99
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.05	0.84	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	281	281	< 0.005	< 0.005	0.31	282
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	42.3	42.3	< 0.005	0.01	0.03	44.3
Hauling	0.01	1.01	0.26	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	994	994	0.01	0.16	0.88	1,043
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.13	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	43.0	43.0	< 0.005	< 0.005	0.02	43.2
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.73	6.73	< 0.005	< 0.005	< 0.005	7.04
Hauling	< 0.005	0.17	0.04	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	158	158	< 0.005	0.03	0.06	166
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.12	7.12	< 0.005	< 0.005	< 0.005	7.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.11	1.11	< 0.005	< 0.005	< 0.005	1.17
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.2	26.2	< 0.005	< 0.005	0.01	27.4

3.48. 5-Trenching/Undergrounds (2037) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.83	1.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	341	341	0.01	< 0.005	—	342
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.13	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	54.1	54.1	< 0.005	< 0.005	—	54.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.96	8.96	< 0.005	< 0.005	—	8.99
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.05	0.84	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	281	281	< 0.005	< 0.005	0.31	282
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	42.3	42.3	< 0.005	0.01	0.03	44.3
Hauling	0.01	1.01	0.26	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	994	994	0.01	0.16	0.88	1,043

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.13	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	43.0	43.0	< 0.005	< 0.005	0.02	43.2
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.73	6.73	< 0.005	< 0.005	< 0.005	7.04
Hauling	< 0.005	0.17	0.04	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	158	158	< 0.005	0.03	0.06	166
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.12	7.12	< 0.005	< 0.005	< 0.005	7.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.11	1.11	< 0.005	< 0.005	< 0.005	1.17
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.2	26.2	< 0.005	< 0.005	0.01	27.4

4. Operations Emissions Details

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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
2-Demolition (Existing Buildings & Foundations)	Demolition	4/1/2036	6/4/2036	5.00	47.0	—
12-Decommissioning Demolition	Demolition	2/13/2040	5/15/2040	5.00	67.0	—
1-Subsurface Exploration	Site Preparation	7/2/2035	9/5/2035	5.00	48.0	—
A4-Offsite Laydown Development	Site Preparation	4/1/2036	6/4/2036	5.00	47.0	—
A1-Site Assessment	Site Preparation	5/1/2029	5/18/2029	5.00	14.0	—
A2-Soil Remediation	Site Preparation	6/3/2030	11/4/2030	5.00	111	—
3-Site Preparation/ Rough Grading	Grading	6/5/2036	9/5/2036	5.00	67.0	—
4-Foundations	Building Construction	9/8/2036	5/7/2037	5.00	174	—
10-Commissioning / Startup and Testing	Building Construction	8/31/2038	2/10/2039	5.00	118	—
6-Equipment , Structural Steel & Building Erection, Piping	Building Construction	1/13/2037	11/11/2037	5.00	217	—
7-Electrical & Instrumentation	Building Construction	10/13/2037	8/30/2038	5.00	230	—
11-Post Construction / Site Restoration	Building Construction	2/11/2039	3/14/2039	5.00	22.0	—
A3-Well Abandonment	Building Construction	8/16/2029	3/31/2031	5.00	423	—
A5-Gas Pipeline	Building Construction	4/1/2036	4/13/2037	5.00	270	—
A6-Electrical Interconnect	Building Construction	12/12/2036	12/29/2036	5.00	12.0	—
8-Paving	Paving	8/31/2038	10/27/2038	5.00	42.0	—
9-Painting/Insulation	Architectural Coating	9/29/2038	11/24/2038	5.00	41.0	—
5-Trenching/Underground s	Trenching	4/8/2037	6/26/2037	5.00	58.0	—

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
2-Demolition (Existing Buildings & Foundations)	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
2-Demolition (Existing Buildings & Foundations)	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
2-Demolition (Existing Buildings & Foundations)	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
2-Demolition (Existing Buildings & Foundations)	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
2-Demolition (Existing Buildings & Foundations)	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
2-Demolition (Existing Buildings & Foundations)	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	65.0	0.37
2-Demolition (Existing Buildings & Foundations)	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
12-Decomissioning Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
12-Decomissioning Demolition	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
12-Decomissioning Demolition	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
12-Decomissioning Demolition	Aerial Lifts	Electric	Average	1.00	8.00	46.0	0.31
12-Decomissioning Demolition	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

12-Decomissioning Demolition	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
12-Decomissioning Demolition	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
12-Decomissioning Demolition	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
12-Decomissioning Demolition	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
12-Decomissioning Demolition	Welders	Electric	Average	3.00	8.00	46.0	0.45
12-Decomissioning Demolition	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
1-Subsurface Exploration	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
1-Subsurface Exploration	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
1-Subsurface Exploration	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
1-Subsurface Exploration	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
1-Subsurface Exploration	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
1-Subsurface Exploration	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	300	0.50
A4-Offsite Laydown Development	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
A4-Offsite Laydown Development	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	225	0.37
A4-Offsite Laydown Development	Welders	Diesel	Tier 4 Final	4.00	8.00	24.0	0.45
A4-Offsite Laydown Development	Excavators	Diesel	Tier 4 Final	1.00	8.00	443	0.38

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	84.0	0.37
A4-Offsite Laydown Development	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
A4-Offsite Laydown Development	Forklifts	Electric	Tier 4 Final	1.00	8.00	82.0	0.20
A4-Offsite Laydown Development	Generator Sets	Diesel	Tier 4 Final	4.00	8.00	49.0	0.74
A4-Offsite Laydown Development	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
A4-Offsite Laydown Development	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A4-Offsite Laydown Development	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
A1-Site Assessment	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
A1-Site Assessment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	300	0.50
A2-Soil Remediation	Excavators	Diesel	Tier 4 Final	1.00	8.00	346	0.38
A2-Soil Remediation	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A2-Soil Remediation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
A2-Soil Remediation	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
3-Site Preparation/ Rough Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
3-Site Preparation/ Rough Grading	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
3-Site Preparation/ Rough Grading	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
3-Site Preparation/ Rough Grading	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

4-Foundations	Tractors/Loaders/Back	Diesel	Tier 4 Final	1.00	7.00	225	0.37
4-Foundations	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
4-Foundations	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
4-Foundations	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
4-Foundations	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
4-Foundations	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
4-Foundations	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
4-Foundations	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
4-Foundations	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
4-Foundations	Excavators	Diesel	Tier 4 Final	1.00	8.00	346	0.38
4-Foundations	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
4-Foundations	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
4-Foundations	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	170	0.40
10-Commissioning / Startup and Testing	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
10-Commissioning / Startup and Testing	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
10-Commissioning / Startup and Testing	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
10-Commissioning / Startup and Testing	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
10-Commissioning / Startup and Testing	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
10-Commissioning / Startup and Testing	Welders	Electric	Average	3.00	8.00	46.0	0.45
10-Commissioning / Startup and Testing	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
10-Commissioning / Startup and Testing	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

10-Commissioning / Startup and Testing	Aerial Lifts	Electric	Average	4.00	8.00	46.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Cranes	Diesel	Tier 4 Final	1.00	7.00	200	0.29
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
6-Equipment , Structural Steel & Building Erection, Piping	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
6-Equipment , Structural Steel & Building Erection, Piping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
6-Equipment , Structural Steel & Building Erection, Piping	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
6-Equipment , Structural Steel & Building Erection, Piping	Cranes	Diesel	Tier 4 Final	2.00	7.00	275	0.29
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Diesel	Tier 4 Final	1.00	8.00	122	0.20
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
6-Equipment , Structural Steel & Building Erection, Piping	Welders	Electric	Average	5.00	8.00	46.0	0.45

6-Equipment , Structural Steel & Building Erection, Piping	Aerial Lifts	Diesel	Tier 4 Final	1.00	8.00	67.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Aerial Lifts	Electric	Average	5.00	8.00	46.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
6-Equipment , Structural Steel & Building Erection, Piping	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
6-Equipment , Structural Steel & Building Erection, Piping	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
6-Equipment , Structural Steel & Building Erection, Piping	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
7-Electrical & Instrumentation	Cranes	Diesel	Tier 4 Final	1.00	7.00	200	0.29
7-Electrical & Instrumentation	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
7-Electrical & Instrumentation	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
7-Electrical & Instrumentation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
7-Electrical & Instrumentation	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
7-Electrical & Instrumentation	Cranes	Diesel	Tier 4 Final	2.00	7.00	275	0.29
7-Electrical & Instrumentation	Forklifts	Electric	Average	1.00	8.00	82.0	0.20

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

7-Electrical & Instrumentation	Welders	Electric	Average	5.00	8.00	46.0	0.45
7-Electrical & Instrumentation	Aerial Lifts	Electric	Average	4.00	8.00	46.0	0.31
7-Electrical & Instrumentation	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
7-Electrical & Instrumentation	Air Compressors	Diesel	Tier 4 Final	2.00	6.00	10.0	0.48
7-Electrical & Instrumentation	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A3-Well Abandonment	Other General Industrial Equipment	Diesel	Tier 4 Final	3.00	8.00	200	0.29
A3-Well Abandonment	Graders	Diesel	Tier 4 Final	1.00	8.00	200	0.74
A3-Well Abandonment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	550	0.37
A3-Well Abandonment	Excavators	Diesel	Tier 4 Final	2.00	8.00	250	0.38
A3-Well Abandonment	Cranes	Diesel	Tier 4 Final	3.00	7.00	320	0.29
A3-Well Abandonment	Pumps	Diesel	Tier 4 Final	2.00	8.00	550	0.74
A3-Well Abandonment	Other Construction Equipment	Diesel	Tier 4 Final	2.00	8.00	115	0.42
A3-Well Abandonment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	450	0.50
A3-Well Abandonment	Off-Highway Trucks	Diesel	Tier 4 Final	3.00	8.00	320	0.38
A3-Well Abandonment	Welders	Diesel	Tier 4 Final	3.00	8.00	50.0	0.45
A5-Gas Pipeline	Excavators	Diesel	Tier 4 Final	8.00	8.00	346	0.38
A5-Gas Pipeline	Concrete/Industrial Saws	Diesel	Tier 4 Final	8.00	8.00	261	0.73
A5-Gas Pipeline	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	363	0.40
A5-Gas Pipeline	Other Construction Equipment	Diesel	Tier 4 Final	8.00	8.00	319	0.42
A5-Gas Pipeline	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.00	109	0.42
A5-Gas Pipeline	Welders	Diesel	Tier 4 Final	4.00	8.00	24.0	0.45
A5-Gas Pipeline	Graders	Diesel	Tier 4 Final	1.00	8.00	250	0.41

A5-Gas Pipeline	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A5-Gas Pipeline	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	74.0	0.37
A5-Gas Pipeline	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	3.00	7.00	350	0.37
A5-Gas Pipeline	Skid Steer Loaders	Diesel	Tier 4 Final	3.00	8.00	65.0	0.37
A5-Gas Pipeline	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	173	0.50
A5-Gas Pipeline	Other General Industrial Equipment	Diesel	Tier 4 Final	3.00	8.00	23.0	0.34
A5-Gas Pipeline	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	22.0	0.74
A6-Electrical Interconnect	Air Compressors	Diesel	Tier 4 Final	2.00	6.00	10.0	0.48
A6-Electrical Interconnect	Forklifts	Diesel	Tier 4 Final	1.00	8.00	82.0	0.20
A6-Electrical Interconnect	Generator Sets	Diesel	Tier 4 Final	2.00	8.00	49.0	0.74
8-Paving	Rollers	Diesel	Tier 4 Final	1.00	8.00	125	0.38
9-Painting/Insulation	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
9-Painting/Insulation	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
5-Trenching/Undergro unds	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
5-Trenching/Undergro unds	Pumps	Diesel	Tier 4 Final	2.00	8.00	11.0	0.74

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
2-Demolition (Existing Buildings & Foundations)	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
2-Demolition (Existing Buildings & Foundations)	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

2-Demolition (Existing Buildings & Foundations)	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
2-Demolition (Existing Buildings & Foundations)	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
2-Demolition (Existing Buildings & Foundations)	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
2-Demolition (Existing Buildings & Foundations)	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	65.0	0.37
2-Demolition (Existing Buildings & Foundations)	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
12-Decomissioning Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
12-Decomissioning Demolition	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
12-Decomissioning Demolition	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
12-Decomissioning Demolition	Aerial Lifts	Electric	Average	1.00	8.00	46.0	0.31
12-Decomissioning Demolition	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
12-Decomissioning Demolition	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
12-Decomissioning Demolition	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
12-Decomissioning Demolition	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
12-Decomissioning Demolition	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
12-Decomissioning Demolition	Welders	Electric	Average	3.00	8.00	46.0	0.45

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

12-Decommissioning Demolition	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
1-Subsurface Exploration	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
1-Subsurface Exploration	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
1-Subsurface Exploration	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
1-Subsurface Exploration	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
1-Subsurface Exploration	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
1-Subsurface Exploration	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	300	0.50
A4-Offsite Laydown Development	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
A4-Offsite Laydown Development	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	225	0.37
A4-Offsite Laydown Development	Welders	Diesel	Tier 4 Final	4.00	8.00	24.0	0.45
A4-Offsite Laydown Development	Excavators	Diesel	Tier 4 Final	1.00	8.00	443	0.38
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	84.0	0.37
A4-Offsite Laydown Development	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
A4-Offsite Laydown Development	Forklifts	Electric	Tier 4 Final	1.00	8.00	82.0	0.20
A4-Offsite Laydown Development	Generator Sets	Diesel	Tier 4 Final	4.00	8.00	49.0	0.74

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

A4-Offsite Laydown Development	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
A4-Offsite Laydown Development	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A4-Offsite Laydown Development	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
A4-Offsite Laydown Development	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
A1-Site Assessment	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
A1-Site Assessment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	300	0.50
A2-Soil Remediation	Excavators	Diesel	Tier 4 Final	1.00	8.00	346	0.38
A2-Soil Remediation	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A2-Soil Remediation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37
A2-Soil Remediation	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
3-Site Preparation/ Rough Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
3-Site Preparation/ Rough Grading	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
3-Site Preparation/ Rough Grading	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	2.00	0.48
3-Site Preparation/ Rough Grading	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
4-Foundations	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	225	0.37
4-Foundations	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
4-Foundations	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
4-Foundations	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
4-Foundations	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
4-Foundations	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	321	0.37

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

4-Foundations	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	107	0.37
4-Foundations	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
4-Foundations	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
4-Foundations	Excavators	Diesel	Tier 4 Final	1.00	8.00	346	0.38
4-Foundations	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
4-Foundations	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
4-Foundations	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	170	0.40
10-Commissioning / Startup and Testing	Cranes	Diesel	Tier 4 Final	1.00	7.00	275	0.29
10-Commissioning / Startup and Testing	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
10-Commissioning / Startup and Testing	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
10-Commissioning / Startup and Testing	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
10-Commissioning / Startup and Testing	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
10-Commissioning / Startup and Testing	Welders	Electric	Average	3.00	8.00	46.0	0.45
10-Commissioning / Startup and Testing	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
10-Commissioning / Startup and Testing	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
10-Commissioning / Startup and Testing	Aerial Lifts	Electric	Average	4.00	8.00	46.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Cranes	Diesel	Tier 4 Final	1.00	7.00	200	0.29
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20

6-Equipment , Structural Steel & Building Erection, Piping	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
6-Equipment , Structural Steel & Building Erection, Piping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
6-Equipment , Structural Steel & Building Erection, Piping	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
6-Equipment , Structural Steel & Building Erection, Piping	Cranes	Diesel	Tier 4 Final	2.00	7.00	275	0.29
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Diesel	Tier 4 Final	1.00	8.00	122	0.20
6-Equipment , Structural Steel & Building Erection, Piping	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
6-Equipment , Structural Steel & Building Erection, Piping	Welders	Electric	Average	5.00	8.00	46.0	0.45
6-Equipment , Structural Steel & Building Erection, Piping	Aerial Lifts	Diesel	Tier 4 Final	1.00	8.00	67.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Aerial Lifts	Electric	Average	5.00	8.00	46.0	0.31
6-Equipment , Structural Steel & Building Erection, Piping	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

6-Equipment , Structural Steel & Building Erection, Piping	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
6-Equipment , Structural Steel & Building Erection, Piping	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
6-Equipment , Structural Steel & Building Erection, Piping	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
7-Electrical & Instrumentation	Cranes	Diesel	Tier 4 Final	1.00	7.00	200	0.29
7-Electrical & Instrumentation	Forklifts	Diesel	Tier 4 Final	1.00	8.00	74.0	0.20
7-Electrical & Instrumentation	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	49.0	0.74
7-Electrical & Instrumentation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	225	0.37
7-Electrical & Instrumentation	Welders	Diesel	Tier 4 Final	2.00	8.00	24.0	0.45
7-Electrical & Instrumentation	Cranes	Diesel	Tier 4 Final	2.00	7.00	275	0.29
7-Electrical & Instrumentation	Forklifts	Electric	Average	1.00	8.00	82.0	0.20
7-Electrical & Instrumentation	Welders	Electric	Average	5.00	8.00	46.0	0.45
7-Electrical & Instrumentation	Aerial Lifts	Electric	Average	4.00	8.00	46.0	0.31
7-Electrical & Instrumentation	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	49.0	0.48
7-Electrical & Instrumentation	Air Compressors	Diesel	Tier 4 Final	2.00	6.00	10.0	0.48
7-Electrical & Instrumentation	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

A3-Well Abandonment	Other General Industrial Equipment	Diesel	Tier 4 Final	3.00	8.00	200	0.29
A3-Well Abandonment	Graders	Diesel	Tier 4 Final	1.00	8.00	200	0.74
A3-Well Abandonment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	550	0.37
A3-Well Abandonment	Excavators	Diesel	Tier 4 Final	2.00	8.00	250	0.38
A3-Well Abandonment	Cranes	Diesel	Tier 4 Final	3.00	7.00	320	0.29
A3-Well Abandonment	Pumps	Diesel	Tier 4 Final	2.00	8.00	550	0.74
A3-Well Abandonment	Other Construction Equipment	Diesel	Tier 4 Final	2.00	8.00	115	0.42
A3-Well Abandonment	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	450	0.50
A3-Well Abandonment	Off-Highway Trucks	Diesel	Tier 4 Final	3.00	8.00	320	0.38
A3-Well Abandonment	Welders	Diesel	Tier 4 Final	3.00	8.00	50.0	0.45
A5-Gas Pipeline	Excavators	Diesel	Tier 4 Final	8.00	8.00	346	0.38
A5-Gas Pipeline	Concrete/Industrial Saws	Diesel	Tier 4 Final	8.00	8.00	261	0.73
A5-Gas Pipeline	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	363	0.40
A5-Gas Pipeline	Other Construction Equipment	Diesel	Tier 4 Final	8.00	8.00	319	0.42
A5-Gas Pipeline	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.00	109	0.42
A5-Gas Pipeline	Welders	Diesel	Tier 4 Final	4.00	8.00	24.0	0.45
A5-Gas Pipeline	Graders	Diesel	Tier 4 Final	1.00	8.00	250	0.41
A5-Gas Pipeline	Off-Highway Trucks	Diesel	Tier 4 Final	1.00	8.00	500	0.38
A5-Gas Pipeline	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	74.0	0.37
A5-Gas Pipeline	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	3.00	7.00	350	0.37
A5-Gas Pipeline	Skid Steer Loaders	Diesel	Tier 4 Final	3.00	8.00	65.0	0.37
A5-Gas Pipeline	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.00	173	0.50
A5-Gas Pipeline	Other General Industrial Equipment	Diesel	Tier 4 Final	3.00	8.00	23.0	0.34

A5-Gas Pipeline	Generator Sets	Diesel	Tier 4 Final	3.00	8.00	22.0	0.74
A6-Electrical Interconnect	Air Compressors	Diesel	Tier 4 Final	2.00	6.00	10.0	0.48
A6-Electrical Interconnect	Forklifts	Diesel	Tier 4 Final	1.00	8.00	82.0	0.20
A6-Electrical Interconnect	Generator Sets	Diesel	Tier 4 Final	2.00	8.00	49.0	0.74
8-Paving	Rollers	Diesel	Tier 4 Final	1.00	8.00	125	0.38
9-Painting/Insulation	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	10.0	0.48
9-Painting/Insulation	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	49.0	0.74
5-Trenching/Underground	Excavators	Diesel	Tier 4 Final	1.00	8.00	45.0	0.38
5-Trenching/Underground	Pumps	Diesel	Tier 4 Final	2.00	8.00	11.0	0.74

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
1-Subsurface Exploration	—	—	—	—
1-Subsurface Exploration	Worker	28.0	10.0	LDA,LDT1,LDT2
1-Subsurface Exploration	Vendor	8.00	10.0	HHDT,MHDT
1-Subsurface Exploration	Hauling	5.00	44.0	HHDT
1-Subsurface Exploration	Onsite truck	—	—	HHDT
3-Site Preparation/ Rough Grading	—	—	—	—
3-Site Preparation/ Rough Grading	Worker	30.0	10.0	LDA,LDT1,LDT2
3-Site Preparation/ Rough Grading	Vendor	10.0	10.0	HHDT,MHDT
3-Site Preparation/ Rough Grading	Hauling	52.0	44.0	HHDT
3-Site Preparation/ Rough Grading	Onsite truck	—	—	HHDT
4-Foundations	—	—	—	—

4-Foundations	Worker	68.0	10.0	LDA,LDT1,LDT2
4-Foundations	Vendor	16.0	10.0	HHDT,MHDT
4-Foundations	Hauling	10.0	44.0	HHDT
4-Foundations	Onsite truck	—	—	HHDT
5-Trenching/Undergrounds	—	—	—	—
5-Trenching/Undergrounds	Worker	46.0	10.0	LDA,LDT1,LDT2
5-Trenching/Undergrounds	Vendor	2.00	10.0	HHDT,MHDT
5-Trenching/Undergrounds	Hauling	9.00	44.0	HHDT
5-Trenching/Undergrounds	Onsite truck	—	—	HHDT
6-Equipment , Structural Steel & Building Erection, Piping	—	—	—	—
6-Equipment , Structural Steel & Building Erection, Piping	Worker	78.0	10.0	LDA,LDT1,LDT2
6-Equipment , Structural Steel & Building Erection, Piping	Vendor	22.0	10.0	HHDT,MHDT
6-Equipment , Structural Steel & Building Erection, Piping	Hauling	1.00	298	HHDT
6-Equipment , Structural Steel & Building Erection, Piping	Onsite truck	—	—	HHDT
7-Electrical & Instrumentation	—	—	—	—
7-Electrical & Instrumentation	Worker	36.0	10.0	LDA,LDT1,LDT2
7-Electrical & Instrumentation	Vendor	16.0	10.0	HHDT,MHDT
7-Electrical & Instrumentation	Hauling	1.00	44.0	HHDT
7-Electrical & Instrumentation	Onsite truck	—	—	HHDT
2-Demolition (Existing Buildings & Foundations)	—	—	—	—
2-Demolition (Existing Buildings & Foundations)	Worker	22.0	10.0	LDA,LDT1,LDT2
2-Demolition (Existing Buildings & Foundations)	Vendor	8.00	10.0	HHDT,MHDT
2-Demolition (Existing Buildings & Foundations)	Hauling	52.0	20.0	HHDT

2-Demolition (Existing Buildings & Foundations)	Onsite truck	—	—	HHDT
8-Paving	—	—	—	—
8-Paving	Worker	22.0	10.0	LDA,LDT1,LDT2
8-Paving	Vendor	—	10.0	HHDT,MHDT
8-Paving	Hauling	12.0	44.0	HHDT
8-Paving	Onsite truck	—	—	HHDT
12-Decomissioning Demolition	—	—	—	—
12-Decomissioning Demolition	Worker	28.0	10.0	LDA,LDT1,LDT2
12-Decomissioning Demolition	Vendor	18.0	10.0	HHDT,MHDT
12-Decomissioning Demolition	Hauling	3.00	20.0	HHDT
12-Decomissioning Demolition	Onsite truck	—	—	HHDT
10-Commissioning / Startup and Testing	—	—	—	—
10-Commissioning / Startup and Testing	Worker	28.0	10.0	LDA,LDT1,LDT2
10-Commissioning / Startup and Testing	Vendor	12.0	10.0	HHDT,MHDT
10-Commissioning / Startup and Testing	Hauling	3.00	44.0	HHDT
10-Commissioning / Startup and Testing	Onsite truck	—	—	HHDT
9-Painting/Insulation	—	—	—	—
9-Painting/Insulation	Worker	4.00	10.0	LDA,LDT1,LDT2
9-Painting/Insulation	Vendor	—	10.0	HHDT,MHDT
9-Painting/Insulation	Hauling	9.00	44.0	HHDT
9-Painting/Insulation	Onsite truck	—	—	HHDT
11-Post Construction / Site Restoration	—	—	—	—
11-Post Construction / Site Restoration	Worker	28.0	10.0	LDA,LDT1,LDT2

11-Post Construction / Site Restoration	Vendor	0.00	0.00	HHDT,MHDT
11-Post Construction / Site Restoration	Hauling	14.0	44.0	HHDT
11-Post Construction / Site Restoration	Onsite truck	—	—	HHDT
A4-Offsite Laydown Development	—	—	—	—
A4-Offsite Laydown Development	Worker	266	10.0	LDA,LDT1,LDT2
A4-Offsite Laydown Development	Vendor	20.0	10.0	HHDT,MHDT
A4-Offsite Laydown Development	Hauling	0.00	44.0	HHDT
A4-Offsite Laydown Development	Onsite truck	—	—	HHDT
A3-Well Abandonment	—	—	—	—
A3-Well Abandonment	Worker	42.0	10.0	LDA,LDT1,LDT2
A3-Well Abandonment	Vendor	9.00	10.0	HHDT,MHDT
A3-Well Abandonment	Hauling	45.0	44.0	HHDT
A3-Well Abandonment	Onsite truck	—	—	HHDT
A1-Site Assessment	—	—	—	—
A1-Site Assessment	Worker	12.0	10.0	LDA,LDT1,LDT2
A1-Site Assessment	Vendor	8.00	10.0	HHDT,MHDT
A1-Site Assessment	Hauling	0.00	0.00	HHDT
A1-Site Assessment	Onsite truck	—	—	HHDT
A2-Soil Remediation	—	—	—	—
A2-Soil Remediation	Worker	18.0	10.0	LDA,LDT1,LDT2
A2-Soil Remediation	Vendor	12.0	10.0	HHDT,MHDT
A2-Soil Remediation	Hauling	20.0	46.0	HHDT
A2-Soil Remediation	Onsite truck	—	—	HHDT
A5-Gas Pipeline	—	—	—	—
A5-Gas Pipeline	Worker	180	10.0	LDA,LDT1,LDT2
A5-Gas Pipeline	Vendor	20.0	10.0	HHDT,MHDT

A5-Gas Pipeline	Hauling	0.00	20.0	HHDT
A5-Gas Pipeline	Onsite truck	—	—	HHDT
A6-Electrical Interconnect	—	—	—	—
A6-Electrical Interconnect	Worker	14.0	10.0	LDA,LDT1,LDT2
A6-Electrical Interconnect	Vendor	12.0	10.0	HHDT,MHDT
A6-Electrical Interconnect	Hauling	0.00	20.0	HHDT
A6-Electrical Interconnect	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
1-Subsurface Exploration	—	—	—	—
1-Subsurface Exploration	Worker	28.0	10.0	LDA,LDT1,LDT2
1-Subsurface Exploration	Vendor	8.00	10.0	HHDT,MHDT
1-Subsurface Exploration	Hauling	5.00	44.0	HHDT
1-Subsurface Exploration	Onsite truck	—	—	HHDT
3-Site Preparation/ Rough Grading	—	—	—	—
3-Site Preparation/ Rough Grading	Worker	30.0	10.0	LDA,LDT1,LDT2
3-Site Preparation/ Rough Grading	Vendor	10.0	10.0	HHDT,MHDT
3-Site Preparation/ Rough Grading	Hauling	52.0	44.0	HHDT
3-Site Preparation/ Rough Grading	Onsite truck	—	—	HHDT
4-Foundations	—	—	—	—
4-Foundations	Worker	68.0	10.0	LDA,LDT1,LDT2
4-Foundations	Vendor	16.0	10.0	HHDT,MHDT
4-Foundations	Hauling	10.0	44.0	HHDT
4-Foundations	Onsite truck	—	—	HHDT
5-Trenching/Undergrounds	—	—	—	—
5-Trenching/Undergrounds	Worker	46.0	10.0	LDA,LDT1,LDT2
5-Trenching/Undergrounds	Vendor	2.00	10.0	HHDT,MHDT

5-Trenching/Undergrounds	Hauling	9.00	44.0	HHDT
5-Trenching/Undergrounds	Onsite truck	—	—	HHDT
6-Equipment , Structural Steel & Building Erection, Piping	—	—	—	—
6-Equipment , Structural Steel & Building Erection, Piping	Worker	78.0	10.0	LDA,LDT1,LDT2
6-Equipment , Structural Steel & Building Erection, Piping	Vendor	22.0	10.0	HHDT,MHDT
6-Equipment , Structural Steel & Building Erection, Piping	Hauling	1.00	298	HHDT
6-Equipment , Structural Steel & Building Erection, Piping	Onsite truck	—	—	HHDT
7-Electrical & Instrumentation	—	—	—	—
7-Electrical & Instrumentation	Worker	36.0	10.0	LDA,LDT1,LDT2
7-Electrical & Instrumentation	Vendor	16.0	10.0	HHDT,MHDT
7-Electrical & Instrumentation	Hauling	1.00	44.0	HHDT
7-Electrical & Instrumentation	Onsite truck	—	—	HHDT
2-Demolition (Existing Buildings & Foundations)	—	—	—	—
2-Demolition (Existing Buildings & Foundations)	Worker	22.0	10.0	LDA,LDT1,LDT2
2-Demolition (Existing Buildings & Foundations)	Vendor	8.00	10.0	HHDT,MHDT
2-Demolition (Existing Buildings & Foundations)	Hauling	52.0	20.0	HHDT
2-Demolition (Existing Buildings & Foundations)	Onsite truck	—	—	HHDT
8-Paving	—	—	—	—
8-Paving	Worker	22.0	10.0	LDA,LDT1,LDT2
8-Paving	Vendor	—	10.0	HHDT,MHDT
8-Paving	Hauling	12.0	44.0	HHDT
8-Paving	Onsite truck	—	—	HHDT

12-Decomissioning Demolition	—	—	—	—
12-Decomissioning Demolition	Worker	28.0	10.0	LDA,LDT1,LDT2
12-Decomissioning Demolition	Vendor	18.0	10.0	HHDT,MHDT
12-Decomissioning Demolition	Hauling	3.00	20.0	HHDT
12-Decomissioning Demolition	Onsite truck	—	—	HHDT
10-Commissioning / Startup and Testing	—	—	—	—
10-Commissioning / Startup and Testing	Worker	28.0	10.0	LDA,LDT1,LDT2
10-Commissioning / Startup and Testing	Vendor	12.0	10.0	HHDT,MHDT
10-Commissioning / Startup and Testing	Hauling	3.00	44.0	HHDT
10-Commissioning / Startup and Testing	Onsite truck	—	—	HHDT
9-Painting/Insulation	—	—	—	—
9-Painting/Insulation	Worker	4.00	10.0	LDA,LDT1,LDT2
9-Painting/Insulation	Vendor	—	10.0	HHDT,MHDT
9-Painting/Insulation	Hauling	9.00	44.0	HHDT
9-Painting/Insulation	Onsite truck	—	—	HHDT
11-Post Construction / Site Restoration	—	—	—	—
11-Post Construction / Site Restoration	Worker	28.0	10.0	LDA,LDT1,LDT2
11-Post Construction / Site Restoration	Vendor	0.00	0.00	HHDT,MHDT
11-Post Construction / Site Restoration	Hauling	14.0	44.0	HHDT
11-Post Construction / Site Restoration	Onsite truck	—	—	HHDT
A4-Offsite Laydown Development	—	—	—	—
A4-Offsite Laydown Development	Worker	266	10.0	LDA,LDT1,LDT2

SCG-VCM Project - Ventura Steel Site- GHGs- Individual Phases Detailed Report, 8/21/2025

A4-Offsite Laydown Development	Vendor	20.0	10.0	HHDT,MHDT
A4-Offsite Laydown Development	Hauling	0.00	44.0	HHDT
A4-Offsite Laydown Development	Onsite truck	—	—	HHDT
A3-Well Abandonment	—	—	—	—
A3-Well Abandonment	Worker	42.0	10.0	LDA,LDT1,LDT2
A3-Well Abandonment	Vendor	9.00	10.0	HHDT,MHDT
A3-Well Abandonment	Hauling	45.0	44.0	HHDT
A3-Well Abandonment	Onsite truck	—	—	HHDT
A1-Site Assessment	—	—	—	—
A1-Site Assessment	Worker	12.0	10.0	LDA,LDT1,LDT2
A1-Site Assessment	Vendor	8.00	10.0	HHDT,MHDT
A1-Site Assessment	Hauling	0.00	0.00	HHDT
A1-Site Assessment	Onsite truck	—	—	HHDT
A2-Soil Remediation	—	—	—	—
A2-Soil Remediation	Worker	18.0	10.0	LDA,LDT1,LDT2
A2-Soil Remediation	Vendor	12.0	10.0	HHDT,MHDT
A2-Soil Remediation	Hauling	20.0	46.0	HHDT
A2-Soil Remediation	Onsite truck	—	—	HHDT
A5-Gas Pipeline	—	—	—	—
A5-Gas Pipeline	Worker	180	10.0	LDA,LDT1,LDT2
A5-Gas Pipeline	Vendor	20.0	10.0	HHDT,MHDT
A5-Gas Pipeline	Hauling	0.00	20.0	HHDT
A5-Gas Pipeline	Onsite truck	—	—	HHDT
A6-Electrical Interconnect	—	—	—	—
A6-Electrical Interconnect	Worker	14.0	10.0	LDA,LDT1,LDT2
A6-Electrical Interconnect	Vendor	12.0	10.0	HHDT,MHDT
A6-Electrical Interconnect	Hauling	0.00	20.0	HHDT
A6-Electrical Interconnect	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)
9-Painting/Insulation	0.00	0.00	34,524	11,508	20,626

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
2-Demolition (Existing Buildings & Foundations)	0.00	0.00	0.00	20,390	—
12-Decomissioning Demolition	0.00	0.00	0.00	19,000	—
1-Subsurface Exploration	—	500	0.00	0.00	—
A4-Offsite Laydown Development	—	—	0.00	0.00	—
A1-Site Assessment	—	—	0.00	0.00	—
A2-Soil Remediation	—	—	0.00	0.00	—
3-Site Preparation/ Rough Grading	—	1,500	26.0	0.00	—
8-Paving	0.00	0.00	0.00	0.00	7.89

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

Water Demolished Area	2	36%	36%
-----------------------	---	-----	-----

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Heavy Industry	0.00	0%
General Heavy Industry	0.00	0%
General Heavy Industry	0.00	0%
General Heavy Industry	0.00	0%
General Office Building	0.00	0%
Other Asphalt Surfaces	7.89	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2029	0.00	532	0.03	< 0.005
2035	0.00	532	0.03	< 0.005
2036	196	532	0.03	< 0.005
2037	2,294	532	0.03	< 0.005
2038	1,864	532	0.03	< 0.005
2039	809	532	0.03	< 0.005
2030	0.00	532	0.03	< 0.005
2031	0.00	532	0.03	< 0.005
2040	553	532	0.03	< 0.005

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	15.6	annual days of extreme heat
Extreme Precipitation	8.00	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	49.8	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 $\frac{3}{4}$ 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 (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

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	1	0	0	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	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	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	1	1	1	2
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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	47.0
AQ-PM	23.4
AQ-DPM	1.77
Drinking Water	65.1
Lead Risk Housing	81.1

Pesticides	60.9
Toxic Releases	17.7
Traffic	22.5
Effect Indicators	—
CleanUp Sites	63.7
Groundwater	66.9
Haz Waste Facilities/Generators	77.2
Impaired Water Bodies	77.3
Solid Waste	59.2
Sensitive Population	—
Asthma	19.1
Cardio-vascular	1.86
Low Birth Weights	20.5
Socioeconomic Factor Indicators	—
Education	62.9
Housing	38.8
Linguistic	—
Poverty	48.0
Unemployment	15.8

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	37.91864494
Employed	27.51186963
Median HI	57.38483254
Education	—

Bachelor's or higher	40.20274605
High school enrollment	12.02361093
Preschool enrollment	52.4573335
Transportation	—
Auto Access	80.12318748
Active commuting	59.59194149
Social	—
2-parent households	43.74438599
Voting	53.68920826
Neighborhood	—
Alcohol availability	61.7862184
Park access	49.94225587
Retail density	0.320800719
Supermarket access	11.20236109
Tree canopy	71.98768125
Housing	—
Homeownership	77.53111767
Housing habitability	69.08764276
Low-inc homeowner severe housing cost burden	45.18157321
Low-inc renter severe housing cost burden	59.27114077
Uncrowded housing	37.66200436
Health Outcomes	—
Insured adults	42.12755037
Arthritis	0.0
Asthma ER Admissions	80.4
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	17.7
Cognitively Disabled	22.1
Physically Disabled	34.8
Heart Attack ER Admissions	89.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
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	67.3
SLR Inundation Area	0.0
Children	44.4
Elderly	64.7
English Speaking	56.2
Foreign-born	34.5
Outdoor Workers	27.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	89.0
Traffic Density	17.4

Traffic Access	23.0
Other Indices	—
Hardship	70.7
Other Decision Support	—
2016 Voting	61.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	31.0
Healthy Places Index Score for Project Location (b)	44.0
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	Project Specific
Construction: Off-Road Equipment	Project Specific
Construction: Trips and VMT	Project specific

Construction: Dust From Material Movement	Project specific
---	------------------