



**City of Corona General Plan
Housing Element Rezoning
Program Update Project**

Final Supplemental Environmental
Impact Report

SCH #2022060732

December 12, 2022

Prepared for:

City of Corona
Planning and Development Department
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Abbreviations

CEQA	California Environmental Quality Act
City	City of Corona
EIR	Environmental Impact Report
Final SEIR	Final Supplemental Environmental Impact Report
IS	Initial Study
MMRP	Mitigated Monitoring Reporting Program
NOP	Notice of Preparation
SCAQMD	South Coast Air Quality Management District
SEIR	Supplemental Environmental Impact Report



CITY OF CORONA GENERAL PLAN HOUSING ELEMENT REZONING PROGRAM UPDATE PROJECT

Introduction

1.0 INTRODUCTION

In accordance with the California Environmental Quality Act (CEQA) Guidelines Section 15088, the City of Corona (City), as the lead agency, has evaluated the comments received on the City of Corona General Plan Housing Element Rezoning Program Update Project (Project) Draft Supplemental Environmental Impact Report (Draft SEIR) (State Clearinghouse No. 2202060732). The Draft SEIR was circulated for a 45-day public review period between September 19, 2022, and November 2, 2022. The responses to comments, which are included in this document, together with the Mitigation Monitoring and Reporting Program (MMRP), comprise the Final Supplemental Environmental Impact Report (Final SEIR) for use by the City of Corona City Council.

1.1 BACKGROUND AND PURPOSE OF THE SEIR

CEQA requires a lead agency that has prepared a Draft SEIR to provide a copy of the SEIR to responsible and trustee agencies that have jurisdiction by law with respect to the proposed City of Corona General Plan Housing Element Rezoning Program Update Project and to provide the public with an opportunity to comment on the Draft SEIR. The Final SEIR is the mechanism for responding to these comments. This Final SEIR has been prepared to respond to comments received on the Draft SEIR, which are reproduced in this document and to present corrections, revisions and other clarifications to the Draft SEIR, if applicable, as a result of the City's ongoing planning efforts. The Draft SER and the Final SEIR will be used to support the City's decision regarding whether to approve the Project.

The Final SEIR can also be used by responsible agencies to ensure that they have met their requirements under CEQA before deciding whether to approve or permit Project elements over which they have jurisdiction. It may also be used by other state, regional, and local agencies that may have an interest in resources that could be affected by the Project or that have jurisdiction over portions of the Project.

The following agencies may serve as responsible and trustee agencies:

- City of Corona
- California Air Resources Board
- California Department of Forestry and Fire Protection
- California Department of Housing and Community Development
- California Department of Parks and Recreation
- California Department of Transportation, District 8
- California Department of Transportation, Division of Aeronautics
- California Department of Transportation, Division of Transportation Planning
- California Department of Water Resources



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- California Governor's Office of Emergency Services
- California Highway Patrol
- California Natural Resources Agency
- California Public Utilities Commission
- California Regional Water Quality Control Board, Santa Ana, Region 8
- California State Lands Commission
- Department of Toxic Substances Control
- Office of Historic Preservation
- State Water Resources Control Board, Division of Water Quality
- State Water Resources Control Board, Division of Water Rights
- California Native American Heritage Commission
- South Coast Air Quality Management District
- Southern California Association of Governments
- California Department of Fish and Wildlife, Inland Deserts, Region 6

1.1.1 CEQA Review Process

The following provides a summary of the environmental review process to date for the Project that has resulted in preparation of this Final SEIR.

1.1.1.1 Notice of Preparation

The CEQA process is initiated when the lead agency identifies a proposed project. The lead agency then prepares an Initial Study (IS) to identify the preliminary environmental impacts of a project. An IS for the Project was prepared and determined that its implementation could have significant environmental impacts and a SEIR was required. The City issued a Notice of Preparation (NOP) for the preparation of an EIR (State Clearinghouse No. 2022060732) for the City of Corona General Plan Housing Element Rezoning Program Update Project on July 1, 2022. Circulation of the NOP ended on August 1, 2022. The Project NOP and IS are included as Appendix A of the Draft EIR. During the public review period, the City, as lead agency, requested comments from agencies, interested parties, stakeholders, and the public on the scope and content of the environmental information to be included in the Draft SEIR.

1.1.1.2 Draft SEIR

The Draft SEIR was circulated for a 45-day public review and comment period on September 19, 2022, which ended on November 2, 2022. The Draft SEIR contains a description of the Project, description of the environmental setting, identification of Project impacts, and mitigation measures for impacts found to be significant, as well as an analysis of Project alternatives. The Draft SEIR was provided to interested public agencies and the public and was made available for review on the City's website.



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1.1.1.3 Final SEIR

The City received a total of one comment letter from public agencies during the Draft SEIR review period. This document responds to the written comment received, as required by CEQA. This document also includes the MMRP, as Appendix A to this Final SEIR. This document constitutes the Final SEIR.

1.1.2 Certification of the Final SEIR/Project Consideration

The City will review and consider the Final SEIR. If the City finds that the Final SEIR is “adequate and complete,” the City may certify the Final SEIR. The rule of adequacy generally holds that the SEIR can be certified if it does the following: (1) shows a good faith effort at full disclosure of environmental information; and (2) provides sufficient analysis to allow decisions to be made regarding the proposed Project in contemplation of its environmental consequences.

Upon review and consideration of the Final SEIR, the City may act to adopt, revise, or reject the proposed Project. A decision to approve the proposed Project would be accompanied by written findings in accordance with State CEQA Guidelines Sections 15091 and 15093. Public Resources Code Section 21081.6 also requires lead agencies to adopt a MMRP to describe measures that have been adopted or made a condition of Project approval to mitigate or avoid significant impacts on the environment.

1.2 INTENDED USE OF THE SEIR

The SEIR is intended to evaluate the environmental impacts of the Project to the greatest extent possible. This SEIR, in accordance with CEQA Guidelines Section 15126, should be used as the primary environmental document to evaluate all planning and permitting actions associated with the Project. Refer to Chapter 2, Project Description, of the Draft EIR for a detailed discussion of the Project.

1.3 ORGANIZATION AND SCOPE OF THE SEIR

This document is organized into the following sections:

- Chapter 1 – Introduction

Chapter 1 provides an overview of the SEIR process to date and the requirements of the Final SEIR.

- Chapter 2 – Errata to Supplemental EIR

Chapter 2 shows corrections applied to the Supplemental EIR.

- Chapter 3 – Comments and Responses to the Draft SEIR



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Errata

Chapter 3 provides the agency that comment on the Draft SEIR. A copy of the letter received regarding the Draft SEIR and responses thereto are included in this Chapter.

- Attachment A – Mitigation Monitoring and Reporting Program

Measures that have been adopted or made a condition of the Project approval in order to mitigate or avoid significant environmental impacts are included in the MMRP, as provided in Attachment A of this Final SEIR. The MMRP has been prepared pursuant to Public Resources Code Section 21081.6, which requires adoption of a MMRP for projects in which the Lead Agency has required changes or adopted mitigation to avoid significant environmental effects. The City is the Lead Agency for the Project and, therefore, is responsible for administering and implementing the MMRP.

Because of its length, the text of the Draft SEIR is not included with these written responses; however, it is incorporated by reference in this Final SEIR. There are no revisions or clarifications to the Draft EIR identified in this document which could constitute “significant new information” pursuant to CEQA Guidelines Section 15088.5. As a result, recirculation of the Draft SEIR is not required.

2.0 ERRATA

2.1 3.4 LAND USE AND PLANNING

3.4.2.2 Project Impacts on page 3-51 of the SEIR.

Would the Project cause a significant environmental impact due to a conflict with any applicable land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

Finding: Less impact than Approved Project (~~Significant and Unavoidable Impact~~ Less than Significant Impact)

3.0 COMMENTS AND RESPONSES TO THE DRAFT SEIR

3.1 LIST OF COMMENTERS

During the circulation period, the City received one (1) comment letter from the South Coast Air Quality Management District (SCAQMD), from Evelyn Aguilar, Air Quality Specialist, on October 12, 2022.



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Comments and Responses to the Draft SEIR

3.2 COMMENTS AND RESPONSES

This chapter includes the written comments received during Draft SEIR comment period and the City's responses to significant environmental information raised by those comments (CEQA Guidelines, 14 CCR Section 15132).

3.2.1 Requirements for Responding to Comments on a Draft SEIR

State CEQA Guidelines Section 15088 requires that lead agencies evaluate all comments on environmental issues received on the Draft SEIR and prepare a written response. The written response must address the significant environmental issues raised and must be detailed, especially when specific comments or suggestions (e.g., additional mitigation measures) are not accepted. In addition, there must be a good faith and reasoned analysis in the written response. However, lead agencies need only respond to significant environmental issues associated with the project and do not need to provide all the information requested by commenters, as long as a good faith effort at full disclosure is made in the SEIR (State CEQA Guidelines Section 15204).

State CEQA Guidelines Section 15204 recommends that commenters provide detailed comments that focus on the sufficiency of the Draft SEIR in identifying and analyzing the possible impacts on the environment and ways that the significant effects of the project might be avoided or mitigated. State CEQA Guidelines Section 15204 also notes that commenters should provide an explanation and evidence supporting their comments. Pursuant to State CEQA Guidelines Section 15064, an effect shall not be considered significant in the absence of substantial evidence supporting such a conclusion.

State CEQA Guidelines Section 15088 also recommends that where a response to comments results in revisions to the Draft SEIR, those revisions be incorporated as a revision to the Draft EIR or as a separate section of the Final SEIR.

3.2.2 Responses to Comments

In accordance with the CEQA Guidelines Section 15088, the City, as the Lead Agency, evaluated the comment received on the Draft SEIR for the Project, and has prepared the following response to the comment received. This Response to Comments document becomes part of the Final SEIR for the Project in accordance with CEQA Guidelines Section 15132.



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Comments and Responses to the Draft SEIR

Comment Letter 1

From: Evelyn Aguilar <eaguilar@aqmd.gov>
Sent: Wednesday, October 12, 2022 8:58 AM
To: GPUUpdate <GPUUpdate@CoronaCA.gov>
Cc: Sam Wang <swang1@aqmd.gov>
Subject: Technical Data Request: Proposed City of Corona General Plan Housing Element Rezoning Program Update Project

You don't often get email from eaguilar@aqmd.gov. [Learn why this is important](#)

[CAUTION] DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Dear Joanne Coletta,

South Coast AQMD staff received the Draft Supplemental Environmental Impact Report (Draft SEIR) for the Proposed City of Corona General Plan Housing Element Rezoning Program Update Project (South Coast AQMD Control Number: RVC220921-07). Staff is currently in the process of reviewing the Draft SEIR. The public commenting period is from 9/19/2022 – 11/2/2022.

Upon review of the files provided as part of the public review period, I was able to access the Draft SEIR on the City's [website](#).

Please provide an electronic copy of any live modeling and emission calculation files (complete files, not summaries) that were used to quantify the air quality impacts from construction and/or operation of the Proposed Project as applicable, including the following:

- CalEEMod Input Files (.csv files);
- Live EMFAC output files;
- Any emission calculation file(s) (live version of excel file(s); no PDF) used to calculate the Project's emission sources;
- Any cancer risk calculation files (live version of excel file(s); no PDF) used to calculate cancer risk from the Project

You may send the above-mentioned files via a Dropbox link in which they may be accessed and downloaded by South Coast AQMD staff by **10/19/22**. Without all files and supporting documentation, South Coast AQMD staff will be unable to complete a review of the air quality analyses in a timely manner. Any delays in providing all supporting documentation will require additional time for review beyond the end of the comment period.



CITY OF CORONA GENERAL PLAN HOUSING ELEMENT REZONING PROGRAM UPDATE PROJECT

Comments and Responses to the Draft SEIR

If you have any questions regarding this request, please contact me.

Thank you,

Evelyn Aguilar
Air Quality Specialist, CEQA-IGR
Planning, Rule Development & Implementation
South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765
Phone: 909-396-3148
E-mail: eaquilar@aqmd.gov

Hours of operation:
Tuesday - Friday 7:00 AM to 5:30 PM



South Coast
AQMD

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Comments and Responses to the Draft SEIR

3.2.2.1 Response to Comment Letter 1 – South Coast Air Quality Management District, October 12, 2022

The comments received on the SEIR from the SCAQMD did not raise any new issues about the Project's environmental impacts or provide information indicating the Project would result in new environmental impacts or impacts substantially greater in severity that disclosed in the SEIR or approved General Plan. Nevertheless, responses to the comments are included in this document to provide a complete environmental record.

SCAQMD Comment Received:

Please provide an electronic copy of any live modeling and emission calculation files (complete files, not summaries) that were used to quantify the air quality impacts from construction and/or operation of the Proposed Project as applicable, including the following:

- *CalEEMod Input Files (.csv files);*
- *Live EMFAC output files;*
- *Any emission calculation file(s) (live version of excel file(s); no PDF) used to calculate the Project's emission sources;*
- *Any cancer risk calculation files (live version of excel file(s); no PDF) used to calculate cancer risk from the Project*

You may send the above-mentioned files via a Dropbox link in which they may be accessed and downloaded by South Coast AQMD staff by 10/19/22. Without all files and supporting documentation, South Coast AQMD staff will be unable to complete a review of the air quality analyses in a timely manner. Any delays in providing all supporting documentation will require additional time for review beyond the end of the comment period.

Response to Comment:

This comment is not related to the contents of the Draft SEIR or the adequacy of the CEQA documentation; however, the City has already complied with this request and provided the electronic files, in the format and the timeline requested. No further responses are warranted.



APPENDIX A

Mitigation Monitoring and Reporting Program

**CITY OF CORONA GENERAL PLAN HOUSING ELEMENT REZONING PROGRAM UPDATE
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Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM



MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
AIR QUALITY				
<p>Mitigation Measure AQ-1. Project proponents of new development projects shall incorporate mitigation measures to reduce air pollutant emissions during construction activities. Mitigation measures shall be incorporated into all appropriate construction documents/plans (e.g., construction management plans) submitted to the City and shall be verified by the City's Development Services Division. Mitigation measures to reduce construction related emissions could include, but are not limited to:</p> <ul style="list-style-type: none"> • Requiring fugitive-dust control measures that exceed SCAQMD's Rule 403, such as: <ul style="list-style-type: none"> ○ Use of nontoxic soil stabilizers to reduce wind erosion. ○ Applying water every four hours to active soil-disturbing activities. ○ Tarping and/or maintaining a minimum of 24 inches of freeboard on trucks hauling dirt, sand, soil, or other loose materials. ○ Using construction equipment rated by the United States Environmental Protection Agency as having Tier 3 (model year 2006 or newer) or Tier 4 (model year 2008 or newer) emission limits, applicable for engines between 50 and 750 horsepower. ○ Ensuring that construction equipment is properly serviced and maintained to the manufacturer's standards. ○ Limiting nonessential idling of construction equipment to no more than five consecutive minutes. ○ Limiting onsite vehicle travel speeds on unpaved roads to 15 miles per hour. ○ Installing wheel washers for all existing trucks or wash off all trucks and equipment leaving the project area. <p>Using Super-Compliant VOC paints for coating of architectural surfaces whenever possible. A list of Super-Compliant architectural coating</p>	During Construction	Construction Contractor		

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
<p>manufacturers can be found on the SCAQMD's website at http://www.aqmd.gov/docs/default-source/planning/architectural-coatings/super-compliant-manf-list.pdf?sfvrsn=71.</p>				
<p>Mitigation Measure AQ-2. Project proponents of new development projects shall incorporate mitigation measures to reduce air pollutant emissions during operational activities. Mitigation measures shall be included on construction drawings associated with the project's permit. Mitigation measures to reduce long-term emissions could include, but are not limited to the following:</p> <ul style="list-style-type: none"> • For site-specific development that requires refrigerated vehicles, the construction documents shall demonstrate an adequate number of electrical service connections at loading docks for plug-in of the anticipated number of refrigerated trailers to reduce idling time and emissions. • Applicants for manufacturing and light industrial uses shall consider energy storage and combined heat and power in appropriate applications to optimize renewable energy generation systems and avoid peak energy use. • Site-specific developments with truck delivery and loading areas and truck parking spaces shall include signage as a reminder to limit idling of vehicles while parked for loading/unloading in accordance with California Air Resources Board Rule 2845 (13 CCR Chapter 10 § 2485). • Provide changing/shower facilities as specific in Section A5.106.4.3 of the California Green Building Standards (CALGreen) Code (Nonresidential Voluntary Measures). • Provide bicycle parking facilities per Section A4.106.9 (Residential Voluntary Measures) of the CALGreen Code. • Provide preferential parking spaces for low-emitting, fuel-efficient, and carpool/van vehicles per Section A5.106.5.1 of the CALGreen Code (Nonresidential Voluntary Measures). • Provide facilities to support electric charging stations per Section A5.106.5.3 (Nonresidential Voluntary Measures) and Section A5.106.8.2 (Residential Voluntary Measures of the CALGreen Code). 	<p>During Construction, During operation</p>	<p>Project Applicant, Construction Contractor</p>		

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
<ul style="list-style-type: none"> Applicant-provided appliances shall be Energy Star-certified appliances or appliances of equivalent energy efficiency (e.g., dishwashers, refrigerators, clothes washers, and dryers). Installation of Energy Star-certified or equivalent appliances shall be verified by Building and Safety during plan check. <p>Applicants for future development projects along existing and planned transit routes shall coordinate with the City of Corona and Riverside Transit to ensure that bus pads and shelter improvements are incorporated, as appropriate.</p>				
BIOLOGICAL RESOURCES				
<p>Mitigation Measure BIO-1. Applicants for future development projects shall include a biological resources survey if it has been determined that the site in its existing condition may contain biological habitat or species. The biological resources survey shall be conducted by a qualified biologist. The biological resources survey shall include, but not be limited to:</p> <ul style="list-style-type: none"> An analysis of available literature and biological databases, such as the California Natural Diversity Database, to determine sensitive biological resources that have been reported historically from the proposed development project vicinity. A review of current land use and land ownership within the proposed development project vicinity. An assessment and mapping of vegetation communities present within the proposed development project vicinity. An evaluation of potential local and regional wildlife movement corridors. A general assessment of potential jurisdictional areas, including wetlands and riparian habitats. <p><u>Habitat Assessment.</u> If the proposed development project site supports vegetation communities that may provide habitat for plant or wildlife species, a focused habitat assessment shall be conducted by a qualified biologist to determine the potential for special status plant and/or animal species to occur within or adjacent to the proposed development project area. Adjoining properties should also be surveyed where direct or indirect project effects, such as those from fuel modification or herbicide</p>	Prior to Construction	Project Applicant		

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
<p>application, could potentially extend off-site. If feasible, the habitat assessment should be conducted during non-drought years. Vegetation communities should be classified and mapped to the alliance or association level using classification methods and membership rules according to A Manual of California Vegetation, 2nd edition (2009).</p> <p><u>Focused Surveys.</u> If one or more special status species has the potential to occur within the proposed development project area, focused species surveys shall be conducted to determine the presence/absence of these species to adequately evaluate potential direct and/or indirect impacts to these species. The focused survey shall record the location and boundary of special status species by use of global positioning system (GPS). The number of individuals in each special status plant population shall be provided as counted (if population is small) or estimated (if population is large). If applicable, information about the percentage of individuals in each life stage, such as seedlings vs. reproductive individuals, should be provided. If feasible, images of the target species and representative habitats should be included to support information and descriptions.</p> <p><u>Preconstruction Surveys.</u> If construction activities are not initiated immediately after focused surveys have been completed, additional preconstruction special status species surveys may be required to ensure impacts are avoided or minimized to the extent feasible. If preconstruction activities are required, a qualified biologist would perform these surveys as required for each special status species that is known to occur or has a potential to occur within or adjacent to the proposed development project area.</p> <p><u>Biological Resources Report.</u> The results of the biological survey for proposed development projects with no significant impacts may be presented in a biological survey letter report. For proposed development projects with significant impacts that require mitigation to reduce the impacts to below a level of significance, the results of the biological survey shall be presented in a biological technical report.</p>				
<p>Mitigation Measure BIO-2. If sensitive biological resources are identified within or adjacent to the proposed development project area, the construction limits shall be clearly flagged to ensure impacts to sensitive biological resources are avoided or minimized to the extent</p>	<p>Prior to Construction, During Construction</p>	<p>Project Applicant</p>		

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
feasible. Prior to implementing construction activities, a qualified biologist shall verify that the flagging clearly delineates the construction limits and sensitive resources to be avoided.				
Mitigation Measure BIO-3. If sensitive biological resources are known to occur within or adjacent to the proposed development project area, a project-specific contractor training program shall be developed and implemented to educate project contractors on the sensitive biological resources within and adjacent to the proposed development project area and measures being implemented to avoid and/or minimize impacts to these species. A qualified biologist shall develop and implement the contractor training program.	Prior to Construction, During Construction	Project Applicant, Construction Contractor		
Mitigation Measure BIO-4. If sensitive biological resources are present within or adjacent to the proposed development project area and impacts may occur from implementation of construction activities, a qualified biological monitor may be required during a portion or all of the construction activities to ensure impacts to the sensitive biological resources are avoided or minimized to the extent feasible. The specific biological monitoring requirements shall be evaluated on a project-by-project basis. The qualified biological monitor shall be approved by the City on a project-by-project basis based on applicable experience with the sensitive biological resources that may be impacted.	Prior to Construction, During Construction	Project Applicant, Construction Contractor		
Mitigation Measure BIO-5. The City of Corona shall require applicants of development project that have the potential to affect jurisdictional resources to contract with a qualified biologist to conduct a jurisdictional delineation following the methods outlined in the 1987 USACE <i>Wetland Delineation Manual and the Regional Supplement to the USACE Wetland Delineation Manual: Arid West Region</i> (USACE 2008) to map the extent of wetlands and non-wetland waters, determine jurisdiction, and assess potential impacts. The results of the delineation shall be presented in a wetland delineation report and shall be incorporated into the CEQA document(s) required for approval and permitting of the proposed development project. Applicants of development projects that have the potential to impact jurisdictional features, as identified in the wetland delineation letter report, shall obtain permits and authorizations from the Army Corps of Engineers, California Department of Fish and Wildlife, and/or Santa Ana Regional Water Quality Control Board. The regulatory agency	Prior to Construction	Project Applicant		

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
<p>authorization(s) would include impact avoidance and minimization measures as well as mitigation measures for unavoidable impacts. Specific avoidance, minimization, and mitigation measures for impacts to jurisdictional resources shall be determined through discussions with the regulatory agencies during the proposed development project permitting process and may include monetary contributions to a mitigation bank or habitat creation, restoration, or enhancement.</p>				
<p>Mitigation Measure BIO-7. The City of Corona shall require applicants for future development projects to contract with a qualified biologist to conduct a preconstruction general nesting bird survey within all suitable nesting habitats that may be impacted by active construction during general avian breeding season (February 1 through August 31). The preconstruction surveys shall be conducted no more than 7 days prior to initiation of construction. If no active avian nests are identified within the proposed development project area or within a 300-foot buffer of the proposed development project area, no further mitigation is necessary. If active nests of avian species covered by the Fish and Game Code are detected within the proposed development project area or within a 300-foot buffer of the proposed development project area, construction shall be halted until the young have fledged, until a qualified biologist has determined the nest is inactive, or until appropriate mitigation measures that respond to the specific situation have been developed and implemented in consultation with the regulatory agencies. Based on the discretion of the qualified biologist, the 300-foot buffer may be expanded as appropriate to the species.</p>	Prior to Construction	Project Applicant		
CULTURAL RESOURCES				
<p>Mitigation Measure CUL-1. Prior to any construction activities that may affect historical resources (i.e., structures 45 years or older), a historical resources assessment shall be performed by an architectural historian or historian who meets the Secretary of the Interior's Professionally Qualified Standards (PQS) in architectural history or history. This shall include a records search to determine if any resources that may be potentially affected by the project have been previously recorded, evaluated, and/or designated in the National Register of Historic Places (NRHP), California Register of Historic Resources (CRHR), or Corona Register of Historic Resources. Following the records search, the qualified architectural historian or historian shall conduct a reconnaissance-level and/or</p>	Prior to Construction	Project Applicant		

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
intensive-level survey in accordance with the California Office of Historic Preservation (OHP) guidelines to identify any previously unrecorded potential historical resources that may be potentially affected by the proposed project. Pursuant to the definition of a historical resource under CEQA, potential historical resources shall be evaluated under a developed historic context.				
Mitigation Measure CUL-2. To ensure that projects requiring the relocation, rehabilitation, or alteration of a historical resource not impair its significance, the Secretary of the Interior's Standards for the Treatments of Historic Properties shall be used to the maximum extent possible. The application of the standards shall be overseen by a qualified architectural historian or historic architect meeting the PQS. Prior to any construction activities that may affect the historical resource, a report identifying and specifying the treatment of character-defining features and construction activities shall be provided to the City of Corona.	Prior to Construction	Project Applicant		
Mitigation Measure CUL-3. If a proposed project would result in the demolition or significant alteration of a historical resource, it cannot be mitigated to a less than significant level. However, recordation of the resource prior to construction activities will assist in reducing adverse impacts to the resource to the greatest extent possible. Recordation shall take the form of Historic American Buildings Survey (HABS), Historic American Engineering Record (HAER), or Historic American Landscape Survey (HALS) documentation, and shall be performed by an architectural historian or historian who meets the PQS. Documentation shall include an architectural and historical narrative; medium- or large-format black and white photographs, negatives, and prints; and supplementary information such as building plans and elevations, and/or historic photographs. Documentation shall be reproduced on archival paper and placed in appropriate local, state, or federal institutions. The specific scope and details of documentation would be developed at the project level.	Prior to Construction	Project Applicant		
Mitigation Measure CUL-4. If cultural resources that are eligible for listing to the NRHP, CRHR, or Corona Register of Historic Resources are identified within or adjacent to the proposed development, the construction limits shall be clearly flagged to assure impacts to eligible cultural resources are avoided or minimized to the extent feasible. Prior	Prior to Construction	Project Applicant		

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
<p>to implementing construction activities, a qualified archaeologist shall verify that the flagging clearly delineates the construction limits and eligible resources to be avoided. Since the location of some eligible cultural resources is confidential, these resources will be flagged as environmentally sensitive areas.</p>				
<p>Mitigation Measure CUL-5. To determine the archaeological sensitivity for projects within the City, an archaeological resources assessment shall be performed under the supervision of an archaeologist that meets the Secretary of the Interior’s Professionally Qualified Standards (PQS) in either prehistoric or historic archaeology. The assessments shall include a California Historical Resources Information System (CHRIS) records search and a search of the Sacred Lands File (SLF) maintained by the Native American Heritage Commission (NAHC). The records searches shall determine if the proposed project has been previously surveyed for archaeological resources, identify and characterize the results of previous cultural resource surveys, and disclose any cultural resources that have been recorded and/or evaluated. A Phase I pedestrian survey shall be undertaken in areas that are undeveloped to locate any surface cultural materials.</p> <ol style="list-style-type: none"> 1. If potentially significant archaeological resources are identified through an archaeological resources assessment, and impacts to these resources cannot be avoided, a Phase II Testing and Evaluation investigation shall be performed by an archaeologist who meets the PQS prior to any construction-related ground-disturbing activities to determine significance. If resources determined significant or unique through Phase II testing, and site avoidance is not possible, appropriate site-specific mitigation measures shall be established and undertaken. These might include a Phase III data recovery program that would be implemented by a qualified archaeologist and shall be performed in accordance with the Office of Historic Preservation’s <i>Archaeological Resource Management Reports (ARMR): Recommended Contents and Format (1990)</i> and <i>Guidelines for Archaeological Research Designs (1991)</i>. 2. If the archaeological assessment did not identify potentially significant archaeological resources within the proposed General Plan area but indicated the area to be highly sensitive for archaeological resources, a qualified archaeologist shall monitor all ground disturbing 	<p>Prior to Construction, During Construction</p>	<p>Project Applicant</p>		

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
<p>construction and pre-construction activities in areas with previously undisturbed soil. The archaeologist shall inform all construction personnel prior to construction activities of the proper procedures in the event of an archaeological discovery. The training shall be held in conjunction with the project's initial on-site safety meeting, and shall explain the importance and legal basis for the protection of significant archaeological resources. In the event that archaeological resources (artifacts or features) are exposed during ground-disturbing activities, construction activities in the immediate vicinity of the discovery shall be halted while the resources are evaluated for significance by an archaeologist who meets the PQS. If the discovery proves to be significant, it shall be curated with a recognized scientific or educational repository.</p> <p>3. If the archaeological assessment did not identify potentially significant archaeological resources, but indicates the area to be of medium sensitivity for archaeological resources, an archaeologist who meets the PQS shall be retained on an on-call basis. The archaeologist shall inform all construction personnel prior to construction activities about the proper procedures in the event of an archaeological discovery. The training shall be held in conjunction with the project's initial on-site safety meeting, and shall explain the importance and legal basis for the protection of significant archaeological resources. In the event that archaeological resources (artifacts or features) are exposed during ground disturbing activities, construction activities in the immediate vicinity of the discovery shall be halted while the on-call archaeologist is contacted. If the discovery proves to be significant, it shall be curated with a recognized scientific or educational repository.</p>				
GEOLOGY AND SOILS				
<p>Mitigation Measure GEO-1: High and Low-to-High Sensitivity. In areas designated as having "high" or "low-to-high" sensitivity for paleontological resources, the project applicant shall be required to submit a Paleontological Resources Monitoring and Mitigation Plan (PRMMP). The PRMMP shall be prepared by a Qualified Paleontologist meeting the standards of Society of Vertebrate Paleontology (2010). The plan shall address specifics of monitoring and mitigation based on the project area and project's construction plan, and shall take into account updated geologic mapping, geotechnical data, updated paleontological</p>	Prior to Construction	Project Applicant		

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
records searches, and changes to the regulatory framework at the time of analysis. The PRMMP shall be submitted to the City of Corona's Community Development Department prior to approval of a grading permit.				
Mitigation Measure GEO-2: High Sensitivity. Projects involving ground disturbances in previously undisturbed areas mapped as having "high" paleontological sensitivity shall be monitored by a qualified paleontological monitor on a full-time basis, under the supervision of the Qualified Paleontologist. Monitoring shall include inspection of exposed sedimentary units during active excavations within sensitive geologic sediments. The monitor shall have authority to temporarily divert activity away from exposed fossils to evaluate the significance of the find and, if the fossils are determined to be significant, professionally and efficiently recover the fossil specimens and collect associated data. The paleontological monitor shall use field data forms to record pertinent location and geologic data, measure stratigraphic sections (if applicable), and collect appropriate sediment samples from any fossil localities.	Prior to Construction, During Construction	Project Applicant, Construction Contractor		
Mitigation Measure GEO-3: Low-to-High Sensitivity. Projects involving ground disturbance in previously undisturbed areas mapped with "low-to-high" paleontological sensitivity shall require monitoring if construction activity exceeds the depth of the low-sensitivity surficial sediments. The underlying sediments may have high sensitivity; therefore, work in those units shall require paleontological monitoring, as designated by the Qualified Paleontologist in the Paleontological Resources Monitoring and Mitigation Plan (PRMMP).	Prior to Construction, During Construction	Project Applicant, Construction Contractor		
Mitigation Measure GEO-6: All Projects. In the event of any fossil discovery, regardless of depth or geologic formation, construction work shall halt within a 50-foot radius of the find until its significance can be determined by a Qualified Paleontologist. Significant fossils shall be recovered, prepared to the point of curation, identified by qualified experts, listed in a database to facilitate analysis, and deposited in a designated paleontological curation facility in accordance with the standards of the Society of Vertebrate Paleontology (2010). The most likely repository is the Natural History Museum of Los Angeles County (NHMLA). The repository shall be identified, and a curatorial arrangement shall be signed, prior to collection of the fossils.	During Construction	Project Applicant, Construction Contractor		

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
GREENHOUSE GAS EMISSIONS				
<p>Mitigation Measure GHG-1. The City of Corona shall update the Climate Action Plan (CAP) every five years to ensure the City is monitoring the plan’s progress toward achieving the City’s GHG reduction target and to require amendment if the plan is not achieving specified level. The update shall consider a trajectory consistent with the greenhouse gas (GHG) emissions reduction goal established under Executive Order S-03-05 for year 2050 and the latest applicable statewide legislative GHG emission reduction that may be in effect at the time of the CAP update (e.g., Senate Bill 32 for year 2030). The CAP update shall include the following:</p> <ul style="list-style-type: none"> • GHG inventories of existing and forecast year GHG levels • Tools and strategies for reducing GHG emissions to ensure a trajectory with the long-term GHG reduction goal of Executive Order S-03-05 • Plan implementation guidance that includes, at minimum, the following components consistent with the proposed CAP: <ul style="list-style-type: none"> ○ Administration and Staffing ○ Finance and Budgeting ○ Timelines for Measure Implementation ○ Community Outreach and Education ○ Monitoring, Reporting, and Adaptive Management Tracking Tools 	<p>Prior to Construction, During Construction, During Operation</p>	<p>City of Corona</p>		
MINERAL RESOURCES				
<p>Mitigation Measure MIN-1. Prior to project approval for proposed development of properties classified as either regionally significant construction aggregate MRZ-2 or industrial minerals MRZ-2a, a mineral resource evaluation shall be conducted to determine the significant and economic viability of mining the resource. If development of a property would preclude future extraction of a significant mineral resource, in accordance with CEQA, the City shall make the appropriate findings and adopt a Statement of Overriding Considerations prior to permitting development of the property.</p>	<p>Prior to Construction</p>	<p>Project Applicant</p>		
<p>Mitigation Measure MIN-2. Prior to approval of any project on lands</p>	<p>Prior to</p>	<p>Project</p>		

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
<p>classified as either regionally significant construction aggregate MRZ-2 or industrial mineral MRZ-2a, a report shall be prepared that analyzes the project's value in relation to the mineral values found onsite. The analysis shall consider the importance of construction aggregate mineral resource onsite to the market region as a whole, and not just the importance of the resources found within the City and SOI. The report shall be submitted to the City, such that the City has adequate information to develop a statement of reasons for permitting the proposed land use to the California Department of Conservation, State Mining and Geology Board, for subsequent review, in accordance with SMARA, Article 2, Section 2762 and 2763 for areas designated of regional significance.</p>	Construction	Applicant		
NOISE				
<p>Mitigation Measure N-1. Construction contractors shall implement the following measures for construction activities conducted in the City. Construction plans submitted to the City shall identify these measures on demolition, grading, and construction plans submitted to the City. The City Corona Public Works Department shall verify that grading, demolition, and/or construction plans submitted to the City include these notations prior to issuance of demolition, grading and/or building permits.</p> <ul style="list-style-type: none"> • During the active construction period, equipment and trucks used for project construction shall utilize the best available noise control techniques (e.g., improved mufflers, intake silencers, ducts, engine enclosures, and acoustically attenuating shields or shrouds), wherever feasible. • Impact tools (e.g., jack hammers and hoe rams) shall be hydraulic- or electric-powered wherever feasible. Where the use of pneumatic tools is unavoidable, an exhaust muffler on the compressed air exhaust shall be used along with external noise jackets on the tools. • Stationary equipment such as generators and air compressors shall be located as far as feasible from noise-sensitive uses. • Stockpiling shall be located as far as feasible from noise-sensitive receptors. • Construction traffic shall be limited—to the extent feasible—to approved haul routes established by the City. 	During Construction	Construction Contractors		

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
<ul style="list-style-type: none"> • Prior to the start of construction activities, a sign shall be posted at the entrance(s) to the job site, clearly visible to the public, that includes permitted construction days and hours, as well as the contact information of the City's and contractor's authorized representatives that are assigned to respond in the event of a noise or vibration complaint. If the authorized contractor's representative receives a complaint, they shall investigate, take appropriate corrective action, and report the action to the City. • Signs shall be posted at the job site entrance(s), within the on-site construction zones, and along queueing lanes (if any) to reinforce the prohibition of unnecessary engine idling. All other equipment shall be turned off if not in use for more than 5 minutes. • During the entire active construction period and to the extent feasible, the use of noise-producing signals, including horns, whistles, alarms, and bells, shall be for safety warning purposes only. The construction manager shall be responsible for adjusting alarms based on the background noise level, or to utilize human spotters when feasible and in compliance with all safety requirements and laws. • When construction noise is predicted to exceed established noise standards and when the anticipated construction duration is two years or more, contractors shall erect temporary noise barriers, where feasible. 				
<p>Mitigation Measure N-2. Prior to issuance of a building permit for a project requiring pile driving during construction within 135 feet of fragile structures such as historical resources, 100 feet of non-engineered timber and masonry buildings (e.g., most residential buildings), or within 75 feet of engineered concrete and masonry (no plaster), or a vibratory roller within 25 feet of any structure, the project applicant shall prepare a noise and vibration analysis to assess and mitigate potential noise and vibration impacts related to these activities. This noise and vibration analysis shall be conducted by a qualified and experienced acoustical consultant or engineer. The vibration levels shall not exceed Federal Transit Administration (FTA) architectural damage thresholds (e.g., 0.12 in/sec PPV for fragile or historical resources, 0.2 in/sec PPV for non-engineered timber and masonry buildings, and 0.3 in/sec PPV for</p>	Prior to Construction	Construction Contractors		

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
engineered concrete and masonry), or the City threshold of 0.05 in/sec RMS (94 VdB). If vibration levels would exceed this threshold, alternative uses such static rollers and drilling piles as opposed to pile driving shall be used.				
TRIBAL CULTURAL RESOURCES				
See Cultural Resources Mitigation Measures CUL-5				
<p>Mitigation Measure TCR-1. Tribal Cultural Resources Monitoring. The project archaeologist, in consultation with interested tribes, the developer and the City of Corona, shall develop an Archaeological Monitoring Plan (AMP) to address the details, timing and responsibility of archaeological and cultural activities that will occur on the project site. Details in the AMP shall include:</p> <ol style="list-style-type: none"> 1. Project-related ground disturbance (including, but not limited to, brush clearing, grading, trenching, etc.) and development scheduling; 2. The development of a rotating or simultaneous schedule in coordination with the developer and the project archeologist for designated Native American Tribal Monitors from the consulting tribes during grading, excavation and ground disturbing activities on the site: including the scheduling, safety requirements, duties, scope of work, and Native American Tribal Monitors' authority to stop and redirect grading activities in coordination with all project archaeologists (if the tribes cannot come to an agreement on the rotating or simultaneous schedule of tribal monitoring, the Native American Heritage Commission shall designate the schedule for the onsite Native American Tribal Monitor for the proposed project); 3. The protocols and stipulations that the developer, City, Tribes and project archaeologist will follow in the event of inadvertent cultural resources discoveries, including any newly discovered cultural resource deposits that shall be subject to a cultural resources evaluation. <p>At least 30-days prior to application for a grading permit and before any brush clearance, grading, excavation and/or ground disturbing activities on the site take place, the future developer shall retain a tribal cultural</p>	Prior to Construction, During Construction	City of Corona, Project Applicant, Construction Contractor		

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
<p>monitor to monitor all ground-disturbing activities in an effort to identify any unknown archaeological resources.</p> <p>Pursuant to the AMP, a tribal monitor from the consulting tribe (e.g., Pechanga Band of Luiseño Indians, Soboba Band of Luiseño Indians, or Gabrieleño Band of Mission Indians – Kizh Nation) shall be present during the initial grading activities. If tribal resources are found during grubbing activities, the tribal monitoring shall be present during site grading activities.</p>				
<p>Mitigation Measure TCR-2. Treatment and Disposition of Cultural Resources. In the event that Native American cultural resources are inadvertently discovered during the course of any ground disturbing activities, including but not limited to brush clearance, grading, trenching, etc. grading for the proposed project, the following procedures will be carried out for treatment and disposition of the discoveries:</p> <ol style="list-style-type: none"> 1. Temporary Curation and Storage: During the course of construction, all discovered resources shall be temporarily curated in a secure location onsite or at the offices of the project archaeologist. The removal of any artifacts from the project site will need to be thoroughly inventoried with tribal monitor oversight of the process; and 2. Treatment and Final Disposition: The landowner(s) shall relinquish ownership of all cultural resources, including sacred items, burial goods, and all archaeological artifacts and non-human remains as part of the required mitigation for impacts to cultural resources. The applicant shall relinquish the artifacts through one or more of the following methods and provide the City of Corona with evidence of same: <ol style="list-style-type: none"> a. Accommodate the process for onsite reburial of the discovered items with the consulting Native American tribes or bands. This shall include measures and provisions to protect the future reburial area from any future impacts. Reburial shall not occur until all cataloguing, basic analysis, and other analyses as recommended by the project archaeologist and approved by consulting tribes and basic recordation have been completed; all documentation should be at a level of standard professional practice to allow the writing of a report of professional quality; 	During Construction	Project Applicant, Construction Contractor		

Mitigation Measure	Required Time of Compliance	Responsible Implementing Party	Responsible Monitoring Party	Status of Implementation
<p>b. A curation agreement with an appropriate qualified repository within San Bernardino County that meets federal standards per 36 CFR Part 79 and therefore would be professionally curated and made available to other archaeologists/researchers for further study. The collections and associated records shall be transferred, including title, to an appropriate curation facility within San Bernardino County, to be accompanied by payment of the fees necessary for permanent curation;</p> <p>c. For purposes of conflict resolution, if more than one Native American tribe or band is involved with the project and cannot come to an agreement as to the disposition of cultural materials, they shall be curated at the San Bernardino County Museum by default;</p> <p>d. At the completion of grading, excavation and ground disturbing activities on the site, a Phase IV Monitoring Report shall be submitted to the City documenting monitoring activities conducted by the project archaeologist and Native Tribal Monitors within 60 days of completion of grading. This report shall document the impacts to the known resources on the property; describe how each mitigation measure was fulfilled; document the type of cultural resources recovered and the disposition of such resources; provide evidence of the required cultural sensitivity training for the construction staff held during the required pre-grade meeting; and, in a confidential appendix, include the daily/weekly monitoring notes from the archaeologist. All reports produced will be submitted to the City, County Museum, and consulting tribes.</p>				
<p>Mitigation Measure TCR-3. During construction activities, the project applicant shall allow additional archaeological monitors of Native American tribes to access the project site on a volunteer basis to monitor grading and excavation activities.</p>	During Construction	Project Applicant, Construction Contractor		