



County of San Diego

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PLANNING & DEVELOPMENT SERVICES

5510 OVERLAND AVENUE, STE. 310, SAN DIEGO, CA 92123

January 31, 2014

CEQA Initial Study - Environmental Checklist Form (Based on the State CEQA Guidelines, Appendix G)

1. Title; Project Number(s); Environmental Log Number:

Rough Acres Ranch Project; PDS2012-3300-12-021 (MUP); PDS2012-3910-1221005 (ER)

2. Lead agency name and address:

County of San Diego, Planning & Development Services
5510 Overland Avenue, Suite 310
San Diego, CA 92123-1666

3. a. Contact Jim Bennett, Project Manager

b. Phone number: (858) 694-3820

c. E-mail: jim.bennett@sdcounty.ca.gov.

4. Project location:

The project is located at 2750 McCain Valley Road, Boulevard, CA 91905.

Thomas Brothers Coordinates: Page 430 Grid D/7, Page 1300, Grids E/1, G/1, E/2, F/2, G/2

5. Project Applicant name and address:

Jeff Hamann
Rough Acres Foundation
1000 Pioneer Way
El Cajon, CA 92020

6. General Plan

Community Plan:

Land Use Designation:

Density:

Mountain Empire Subregional Plan

Rural Lands 80 (RL-80)

1 du/80 acre(s)

7. Zoning

Use Regulation:

A72

Minimum Lot Size: 40 acre(s)
Special Area Regulation: None

8. Description of project

The Rough Acres Ranch project consists of a Major Use Permit is for a Conference / Retreat and Wellness Center and Campground Facility located on 723 acres. The project site is located in the community of Boulevard in the unincorporated County of San Diego.

The Conference/Retreat and Wellness Center and Campground Facility (Major Use Permit P12-021) will retain the following existing uses on-site: 22 bungalows, a lodge, a bunk house, one residence, an agricultural building, hay barn, corrals, a cold room building, an auxiliary building, restroom facilities, a kitchen/communal living area, and an existing helipad recently built by SDGE. The helipad is to be utilized as an emergency helicopter facility. Existing uses to be re-built as part of this project include an existing guesthouse and three existing poultry coops.

The project would add two campground areas including 149 campsites (both dry and full hookups), 2 clubhouses, 2 swimming pools, an equestrian center, a 200 person amphitheater, an archery course, a skeet shooting range, a multi-purpose athletic field, and improving and widening several un-paved roads. The project would also include three new single family residences (two for employee housing and one for transient habitation). Each residence will have an adjacent agricultural building. The project will be served by onsite septic and local groundwater. The project would be supported by approximately 10 permanent and 20 temporary staff. Maximum occupancy would not exceed 2,600 people. Total project grading is anticipated to be 7,500 cubic yards of balanced cut and fill. The project will include five phases of construction of the facilities over a five-year period. The project proposes access be taken from McCain Valley Road. A new secondary access road, Rough Acres Ranch Road, would provide secondary access, which would connect McCain Valley Road to Ribbonwood Road. This road would also provide secondary access to neighbors, as well as to local correctional and border patrol facilities.

The site is subject to the General Plan Regional Category Rural Lands with a Land Use Designation of RL-80 (1 dwelling unit per 80-acres). Per the County's Zoning Ordinance, the Campground Facility would be classified as Transient Habitation (Zoning Ordinance § 1545) as its primary use. Zoning for the site is A72 General Agricultural which allows Transient Habitation with approval of a Major Use Permit.

9. Surrounding land uses and setting:

Lands surrounding the project site include large lot residences and vacant land to the west, northwest, and south, a low-security detention center to the south, high desert open space to the north and east as well as an off-road vehicle park to the north. The

topography of the adjacent land consists of McCain Valley to the south, a broad northwest to southeasterly trending valley and the In-Ko-Pah Mountains to the north.

10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement):

<u>Permit Type/Action</u>	<u>Agency</u>
Habitat Loss Permit	County of San Diego
Major Use Permit	County of San Diego
Reclamation Plan	County of San Diego
Road Opening	County of San Diego
Road Vacation	County of San Diego
County Right-of-Way Permits Construction Permit Excavation Permit Encroachment Permit	County of San Diego
Grading Permit Grading Permit Plan Change	County of San Diego
Improvement Plans	County of San Diego
Remandment of Relinquished Access Rights	County of San Diego
Exploratory Borings, Direct-push Samplers and Cone Penetrometers Permits	County of San Diego
Groundwater Wells and Exploratory or Test Borings Permit	County of San Diego
Septic Tank Permit	County of San Diego
Water Well Permit	County of San Diego
Annexation to a City or Special District	Local Agency Formation Commission (LAFCO)
401 Permit - Water Quality Certification	Regional Water Quality Control Board (RWQCB)
404 Permit – Dredge and Fill	US Army Corps of Engineers (ACOE)
1603 – Streambed Alteration Agreement	CA Department of Fish and Game (CDFG)
Section 7 - Consultation or Section 10a Permit – Incidental Take	US Fish and Wildlife Services (USFWS)
Air Quality Permit to Construct	Air Pollution Control District (APCD)
General Construction Storm water Permit	RWQCB
Waste Discharge Requirements Permit	RWQCB
Fire District Approval	San Diego County Fire Authority

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED: The environmental factors checked below would be potentially affected by this project and involve at least one impact that

is a "Potentially Significant Impact" or a "Less Than Significant With Mitigation Incorporated," as indicated by the checklist on the following pages.

- | | | |
|---|--|---|
| <input type="checkbox"/> <u>Aesthetics</u> | <input type="checkbox"/> <u>Agriculture and Forest Resources</u> | <input checked="" type="checkbox"/> <u>Air Quality</u> |
| <input checked="" type="checkbox"/> <u>Biological Resources</u> | <input checked="" type="checkbox"/> <u>Cultural Resources</u> | <input checked="" type="checkbox"/> <u>Geology & Soils</u> |
| <input checked="" type="checkbox"/> <u>Greenhouse Gas Emissions</u> | <input checked="" type="checkbox"/> <u>Hazards & Haz. Materials</u> | <input checked="" type="checkbox"/> <u>Hydrology & Water Quality</u> |
| <input type="checkbox"/> <u>Land Use & Planning</u> | <input type="checkbox"/> <u>Mineral Resources</u> | <input checked="" type="checkbox"/> <u>Noise</u> |
| <input type="checkbox"/> <u>Population & Housing</u> | <input type="checkbox"/> <u>Public Services</u> | <input type="checkbox"/> <u>Recreation</u> |
| <input checked="" type="checkbox"/> <u>Transportation/Traffic</u> | <input checked="" type="checkbox"/> <u>Utilities & Service Systems</u> | <input checked="" type="checkbox"/> <u>Mandatory Findings of Significance</u> |

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation:

- On the basis of this Initial Study, Planning & Development Services finds that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- On the basis of this Initial Study, Planning & Development Services finds that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- On the basis of this Initial Study, Planning & Development Services finds that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

Signature

Jim Bennett

Printed Name

Date

Groundwater Geologist

Title

INSTRUCTIONS ON EVALUATION OF ENVIRONMENTAL IMPACTS

1. A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, Less Than Significant With Mitigation Incorporated, or less than significant. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect may be significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.
4. “Less Than Significant With Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less Than Significant Impact.” The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level.
5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
 - a) Earlier Analysis Used. Identify and state where they are available for review.
 - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
 - c) Mitigation Measures. For effects that are “Less Than Significant With Mitigation Incorporated,” describe the mitigation measures that were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
7. The explanation of each issue should identify:
 - a) The significance criteria or threshold, if any, used to evaluate each question; and
 - b) The mitigation measure identified, if any, to reduce the impact to less than significance

I. AESTHETICS -- Would the project:

a) Have a substantial adverse effect on a scenic vista?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

A vista is a view from a particular location or composite views along a roadway or trail. Scenic vistas often refer to views of natural lands, but may also be compositions of natural and developed areas, or even entirely of developed and unnatural areas, such as a scenic vista of a rural town and surrounding agricultural lands. What is scenic to one person may not be scenic to another, so the assessment of what constitutes a scenic vista must consider the perceptions of a variety of viewer groups.

The items that can be seen within a vista are visual resources. Adverse impacts to individual visual resources or the addition of structures or developed areas may or may not adversely affect the vista. Determining the level of impact to a scenic vista requires analyzing the changes to the vista as a whole and also to individual visual resources.

Less Than Significant Impact: The proposed project is a campground and wellness retreat facility. A Visual Resources Report for the proposed project, dated October 2012, was prepared by REC Consultants. Based on the results of the visual resources analysis, the project has been determined to be compatible with the existing visual environment in terms of visual character and quality.

The project will not result in cumulative impacts on a scenic vista because the proposed project viewshed and past, present and future projects within that viewshed were evaluated to determine their cumulative effects. Refer to XVIII. Mandatory Findings of Significance for a comprehensive list of the projects considered. Those projects listed in Section XVII are located within the scenic vista's viewshed and will not contribute to a cumulative impact. Therefore, the project will not result in adverse project or cumulative impacts on a scenic vista.

b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

State scenic highways refer to those highways that are officially designated by the California Department of Transportation (Caltrans) as scenic (Caltrans - California Scenic Highway Program). Generally, the area defined within a State scenic highway is the land adjacent to

and visible from the vehicular right-of-way. The dimension of a scenic highway is usually identified using a motorist's line of vision, but a reasonable boundary is selected when the view extends to the distant horizon. The scenic highway corridor extends to the visual limits of the landscape abutting the scenic highway.

Less Than Significant Impact: Based on a site visit completed by County staff the proposed project is located near or visible within the composite viewshed of a State scenic highway (Interstate 8).

The viewshed and visible components of the landscape within the composite viewshed of the scenic highway, including the underlying landform and overlaying landcover, establish the visual environment. The visual environment of the subject scenic highway and resources extends from the El Cajon City limits to the Imperial County line; and the visual composition is predominantly rural in character and is comprised of single-family homes on large rural lots and undeveloped areas; however, a number of man-made industrial elements also contribute to the landscape.

The proposed project is Conference / Retreat and Wellness Center and Campground Facility located on 723 acres. The project is will not conflict with the existing visual environment in terms of visual character and quality for the following reasons: the project components are not visible from the key viewpoints detailed in the Visual Resources Letter Report dated October 5, 2012, prepared by REC Consultants, predominantly due to topography and viewing distance. Therefore, the project will not result in significant adverse impacts to viewshed.

The project will not result in cumulative impacts on a scenic vista because the proposed project viewshed and past, present and future projects within that viewshed were evaluated to determine their cumulative effects. Refer to XVIII. Mandatory Findings of Significance for a comprehensive list of the projects considered. Those projects listed in Section XVII are located within the scenic vista's viewshed and will not contribute to a cumulative impact because the project is not visible from Interstate 8 (which was determined to be a Scenic Highway). Thus, the projects contribution to cumulative visual impacts are less than significant. Therefore, the project will not result in any adverse project or cumulative level effect on a scenic resource within a State scenic highway.

c) Substantially degrade the existing visual character or quality of the site and its surroundings?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: Visual character is the objective composition of the visible landscape within a viewshed. Visual character is based on the organization of the pattern elements line, form, color, and texture. Visual character is commonly discussed in terms of

dominance, scale, diversity and continuity. Visual quality is the viewer's perception of the visual environment and varies based on exposure, sensitivity and expectation of the viewers. The existing visual character and quality of the project site and surrounding can be characterized as predominantly rural in character and comprised of single-family homes on large rural lots and undeveloped areas; however, a number of man-made industrial elements also contribute to the landscape.

The proposed project is Conference / Retreat and Wellness Center and Campground Facility located on 723 acres. The project is compatible with the existing visual environment's visual character and quality for the following reasons: the project components are not visible from the key viewpoints detailed in the Visual Resources Letter Report dated October 5, 2012, prepared by REC Consultants, predominantly due to topography and viewing distance. Therefore, the project will not result in significant adverse impacts to viewshed.

The project will not result in cumulative impacts on visual character or quality because the entire existing viewshed and a list of past, present and future projects within that viewshed were evaluated. Refer to XVIII. Mandatory Findings of Significance for a comprehensive list of the projects considered. Those projects listed in Section XVII are located within the viewshed surrounding the project and will not contribute to a cumulative impact. Therefore, the project will not result in any adverse project or cumulative level effect on visual character or quality on-site or in the surrounding area.

d) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The proposed project will use outdoor lighting and is located within Zone A as identified by the San Diego County Light Pollution Code, approximately 15 miles from the Mount Laguna Observatory. However, it will not adversely affect nighttime views or astronomical observations, because the project will conform to the Light Pollution Code (Section 51.201-51.209), including the Zone A lamp type and shielding requirements per fixture and hours of operation limitations for outdoor lighting and searchlights.

In addition, the proposed project will control outdoor lighting and sources of glare in the following ways:

1. The project will not install outdoor lighting that directly illuminates neighboring properties.
2. The project will not install outdoor lighting that would cast a direct beam angle towards a potential observer, such as a motorists, cyclist or pedestrian.

- 3. The project will not install outdoor lighting for vertical surfaces such as buildings, landscaping, or signs in a manner that would result in useful light or spill light being cast beyond the boundaries of intended area to be lit.
- 4. The project will not install any highly reflective surfaces such as glare-producing glass or high-gloss surface color that will be visible along roadways, pedestrian walkways, or in the line of sight of adjacent properties.

The project will not contribute to significant cumulative impacts on day or nighttime views because the project will conform to the Light Pollution Code. The Code was developed by the San Diego County Planning & Development Services and Department of Public Works in cooperation with lighting engineers, astronomers, land use planners from San Diego Gas and Electric, Palomar and Mount Laguna observatories, and local community planning and sponsor groups to effectively address and minimize the impact of new sources light pollution on nighttime views. The standards in the Code are the result of this collaborative effort and establish an acceptable level for new lighting. Compliance with the Code is required prior to issuance of any building permit for any project. Mandatory compliance for all new building permits ensures that this project in combination with all past, present and future projects will not contribute to a cumulatively considerable impact. Therefore, compliance with the Code ensures that the project will not create a significant new source of substantial light or glare, which would adversely affect daytime or nighttime views in the area, on a project or cumulative level.

In addition, the project’s outdoor lighting is controlled through the Major Use Permit, which further limits outdoor lighting through strict controls. Therefore, compliance with the Code, in combination with the outdoor lighting and glare controls listed above ensures that the project will not create a significant new source of substantial light or glare.

II. AGRICULTURE AND FORESTRY RESOURCES -- Would the project:

a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide or Local Importance (Important Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, or other agricultural resources, to non-agricultural use?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project site does not contain any agricultural resources, lands designated as Prime Farmland, Unique Farmland, or Farmland of Statewide or Local Importance as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency. Therefore, no agricultural resources including Prime Farmland, Unique Farmland, or Farmland of Statewide or Local Importance will be converted to a non-agricultural use.

b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project site is zoned A72 (General Agriculture), which is considered to be an agricultural zone. However, the proposed project will not result in a conflict in zoning for agricultural use, because a campground and wellness recreation facility is a permitted use in A72 zones with a Major Use Permit pursuant to Section 7350 of the County Zoning Ordinance and will not create a conflict with existing zoning for agricultural use. Additionally, the project site's land is not under a Williamson Act Contract. Therefore, there will be no conflict with existing zoning for agricultural use, or a Williamson Act contract.

c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), or timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project site including offsite improvements do not contain forest lands or timberland. The County of San Diego does not have any existing Timberland Production Zones. In addition, the project is consistent with existing zoning and a rezone of the property is not proposed. Therefore, project implementation would not conflict with existing zoning for, or cause rezoning of, forest land, timberland or timberland production zones.

d) Result in the loss of forest land , conversion of forest land to non-forest use, or involve other changes in the existing environment, which, due to their location or nature, could result in conversion of forest land to non-forest use?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project site including any offsite improvements do not contain any forest lands as defined in Public Resources Code section 12220(g), therefore project implementation

would not result in the loss or conversion of forest land to a non-forest use. In addition, the project is not located in the vicinity of offsite forest resources.

e) Involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Important Farmland or other agricultural resources, to non-agricultural use?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project site and surrounding area within a radius of 1/4 mile does not contain any active agricultural operations or lands designated as Prime Farmland, Unique Farmland, or Farmland of Statewide or Local Importance as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency. Therefore, no Prime Farmland, Unique Farmland, Farmland of Statewide or Local Importance, or active agricultural operations will be converted to a non-agricultural use.

III. AIR QUALITY -- Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

a) Conflict with or obstruct implementation of the San Diego Regional Air Quality Strategy (RAQS) or applicable portions of the State Implementation Plan (SIP)?

- | | |
|---|---|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Potentially Significant Impact: The project has the potential to significantly contribute to the violation of an air quality standard or significantly contribute to an existing or projected air quality violation, primarily related to traffic, construction activities, and grading operations. Therefore, because the proposed project may conflict with either the RAQS or the SIP, an Air Quality Analysis of project-generated emissions would be prepared and discussed in the EIR. Likewise, the analysis shall address the project's contribution to a cumulative air quality impact.

b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

- | | |
|---|---|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Incorporated

Discussion/Explanation:

In general, air quality impacts from land use projects are the result of emissions from motor vehicles, and from short-term construction activities associated with such projects. The San Diego County Land Use Environment Group (LUEG) has established guidelines for determining significance which incorporate the Air Pollution Control District's (SDAPCD) established screening-level criteria for all new source review (NSR) in APCD Rule 20.2. These screening-level criteria can be used as numeric methods to demonstrate that a project's total emissions (e.g. stationary and fugitive emissions, as well as emissions from mobile sources) would not result in a significant impact to air quality. Since APCD does not have screening-level criteria for emissions of volatile organic compounds (VOCs), the use of the screening level for reactive organic compounds (ROC) from the South Coast Air Quality Management District (SCAQMD) for the Coachella Valley (which are more appropriate for the San Diego Air Basin) are used.

Potentially Significant Impact: The project has the potential to significantly contribute to the violation of an air quality standard or significantly contribute to an existing or projected air quality violation, primarily related to traffic, construction activities and grading operations. Therefore, the project is required to discuss the project's potential impacts to air quality in the context of the Draft EIR and in an air quality analysis.

c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?

- Potentially Significant Impact
- Less Than Significant Impact
- Less Than Significant With Mitigation
- No Impact
- Incorporated

Discussion/Explanation:

San Diego County is presently in non-attainment for the 1-hour concentrations under the California Ambient Air Quality Standard (CAAQS) for Ozone (O₃). San Diego County is also presently in non-attainment for the annual geometric mean and for the 24-hour concentrations of Particulate Matter less than or equal to 10 microns (PM₁₀) under the CAAQS. O₃ is formed when volatile organic compounds (VOCs) and nitrogen oxides (NO_x) react in the presence of sunlight. VOC sources include any source that burns fuels (e.g., gasoline, natural gas, wood, oil); solvents; petroleum processing and storage; and pesticides. Sources of PM₁₀ in both urban and rural areas include: motor vehicles, wood burning stoves and fireplaces, dust from construction, landfills, agriculture, wildfires, brush/waste burning, and industrial sources of windblown dust from open lands.

Potentially Significant Impact: The project has the potential to significantly contribute to the violation of an air quality standard or significantly contribute to an existing or projected air quality violation, primarily related to traffic, construction activities and grading operations. Therefore, the project is required to discuss the project's potential impacts to cumulative air quality in the context of the Draft EIR and in an air quality analysis.

d) Expose sensitive receptors to substantial pollutant concentrations?

- | | | | |
|--------------------------|--|-------------------------------------|------------------------------|
| <input type="checkbox"/> | Potentially Significant Impact | <input checked="" type="checkbox"/> | Less than Significant Impact |
| <input type="checkbox"/> | Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> | No Impact |

Discussion/Explanation:

Air quality regulators typically define sensitive receptors as schools (Preschool-12th Grade), hospitals, resident care facilities, or day-care centers, or other facilities that may house individuals with health conditions that would be adversely impacted by changes in air quality. The County of San Diego also considers residences as sensitive receptors since they house children and the elderly.

Less Than Significant Impact: Based a site visit conducted by County staff, no sensitive receptors have been identified within a quarter-mile (the radius determined by the SCAQMD in which the dilution of pollutants is typically significant) of the proposed project. Further, the proposed project will not generate significant levels of air pollutants. As such, the project will not expose sensitive populations to excessive levels of air pollutants.

e) Create objectionable odors affecting a substantial number of people?

- | | | | |
|-------------------------------------|--|--------------------------|------------------------------|
| <input checked="" type="checkbox"/> | Potentially Significant Impact | <input type="checkbox"/> | Less than Significant Impact |
| <input type="checkbox"/> | Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> | No Impact |

Discussion/Explanation:

Potentially Significant Impact: The proposed project would introduce people to odors from the existing on-site chicken coop, horses, and cattle. The requested air quality analysis shall address odors and any impact upon existing/proposed on-site uses and existing surrounding uses. Therefore, the air quality analysis and Draft EIR shall evaluate the potential for the Proposed Project to produce objectionable odors.

IV. BIOLOGICAL RESOURCES -- Would the project:

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

- | | |
|---|---|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Potentially Significant Impact: The project site consists of big sagebrush scrub, non-native grassland, chamise chaparral, redshank chaparral, semi-desert chaparral, upper sonoran subshrub scrub, non-vegetated channels, coast live oak woodland, and flat-topped buckwheat scrub. Pursuant to the CEQA and the Resource Protection Ordinance (in addition to state and federal laws), impacts to listed, or otherwise rare species must be minimized and often avoided entirely.

Therefore, based on the fact that the site has the potential to support several endangered, threatened, or rare plant or animal species or their habitats the project may have a potentially significant impact on biological resources. As such any potentially significant adverse effects, including noise from construction or the project, to endangered, threatened, or rare plant or animal species or their habitats must be addressed in the context of the Biological Resources Report and the EIR.

- b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?

- | | |
|---|---|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Potentially Significant Impact: The site appears to contain natural drainages that may qualify as wetlands. These potential wetlands and wetland buffers may be significantly impacted by the project and as proposed the project may not conform to the wetland and wetland buffer regulations within the Resource Protection Ordinance. Therefore, impacts to wetlands and wetland buffers and conformance with the Resource Protection Ordinance must be demonstrated and discussed in the context of a Biological Resources Report and the EIR.

- c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

- | | |
|---|---|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Potentially Significant Impact: The site contains a number of drainages and potential wetland habitats, which if impacted may result in significant alterations to known watersheds or wetlands that may be considered California Department of Fish and Game and/or Army Corps of Engineers jurisdictional wetlands or waters, and would potentially require a Section 1603 "Streambed Alteration Agreement" and/or 404 Permit. Therefore, all significant drainages and wetlands must be defined and impacts identified in a Biological Resources Report and in the EIR.

- d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

- Potentially Significant Impact Less than Significant Impact
 Less Than Significant With Mitigation No Impact
 Incorporated

Discussion/Explanation:

Potentially Significant Impact: Potential wildlife corridors areas exist throughout the project site. The current project design may potentially impact these corridors and may create additional indirect impacts through increased noise and activity. Therefore, any potentially significant impacts to wildlife dispersal corridors must be discussed in the Biological Resources Report and the EIR.

- e) Conflict with the provisions of any adopted Habitat Conservation Plan, Natural Communities Conservation Plan, other approved local, regional or state habitat conservation plan or any other local policies or ordinances that protect biological resources?

- Potentially Significant Impact Less than Significant Impact
 Less Than Significant With Mitigation No Impact
 Incorporated

Discussion/Explanation:

Potentially Significant Impact: The proposed project would be required to comply with any adopted Habitat Conservation Plan, Natural Communities Conservation Plan, other approved local, regional or state habitat conservation plan, including, Habitat Management Plans (HMP), Special Area Management Plans (SAMP), or any other local policies or ordinances that protect biological resources including the Multiple Species Conservation Program (MSCP), Biological Mitigation Ordinance, Resource Protection Ordinance (RPO), and Habitat Loss Permit (HLP). Potential conformance issues will be addressed in the Biological Resources Report and incorporated into the EIR.

V. CULTURAL RESOURCES -- Would the project:

a) Cause a substantial adverse change in the significance of a historical resource as defined in 15064.5?

- | | |
|---|---|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Potentially Significant Impact: Based on the analysis of County records, there is a potential for extensive historic and prehistoric cultural resources. Therefore, an evaluation of historical resources within the area of potential effect will be conducted with the findings presented in a cultural resources report and in the Draft EIR.

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to 15064.5?

- | | |
|---|---|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Potentially Significant Impact: Based on the analysis of County records, as well as the archaeological database from the South Coastal Information Center (SCIC) at San Diego State University, three prehistoric archaeological sites (C-SDI-4788, CA-SDI-19255, and CA-SDI-19256) have been previously recorded within the project area. Due to recently amended CEQA Guidelines (Section 15064.5) and County Significance Guidelines, effective December 2007, and the time that has passed since the previous archaeological surveys, a cultural resources report will be prepared to document cultural resources on the site and to assess their significance. A discussion of the findings and recommendations will be included in the Draft EIR.

c) Directly or indirectly destroy a unique geologic feature?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

San Diego County has a variety of geologic environments and geologic processes which generally occur in other parts of the state, country, and the world. However, some features stand out as being unique in one way or another within the boundaries of the County.

No Impact: The site does not contain any unique geologic features that have been listed in the County's Guidelines for Determining Significance for Unique Geology Resources nor does the site support any known geologic characteristics that have the potential to support unique geologic features.

d) Directly or indirectly destroy a unique paleontological resource or site?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: A review of the County's Paleontological Resources Maps indicates that the project is located entirely on plutonic igneous rock and has no potential for producing fossil remains.

e) Disturb any human remains, including those interred outside of formal cemeteries?

- | | |
|---|---|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Potentially Significant Impact: Based on the analysis of County records, as well as the archaeological database from the South Coastal Information Center (SCIC) at San Diego State University, three prehistoric archaeological sites (C-SDI-4788, CA-SDI-19255, and CA-SDI-19256) have been previously recorded within the project area. Therefore, the potential for impacts to archaeological resources, including human remains, will be evaluated in the Cultural Resources Report and discussed in the context of the EIR.

VI. GEOLOGY AND SOILS -- Would the project:

- a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:
- i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project is not located in a fault rupture hazard zone identified by the Alquist-Priolo Earthquake Fault Zoning Act, Special Publication 42, Revised 1997, Fault-Rupture Hazards Zones in California, or located within any other area with substantial evidence of a known fault. Therefore, there will be no impact from the exposure of people or structures to adverse effects from a known fault-rupture hazard zone as a result of this project.

ii. Strong seismic ground shaking?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: To ensure the structural integrity of all buildings and structures, the project must conform to the Seismic Requirements as outlined within the California Building Code. The County Code requires a soils compaction report with proposed foundation recommendations to be approved before the issuance of a building permit. Therefore, compliance with the California Building Code and the County Code ensures the project will not result in a potentially significant impact from the exposure of people or structures to potential adverse effects from strong seismic ground shaking.

iii. Seismic-related ground failure, including liquefaction?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project site is not within a "Potential Liquefaction Area" as identified in the County Guidelines for Determining Significance for Geologic Hazards. This indicates that the liquefaction potential at the site is low. In addition, the site is not underlain by poor artificial fill or located within a floodplain. Therefore, there will be there will be a less than significant impact from the exposure of people or structures to adverse effects from a known area susceptible to ground failure, including liquefaction. In addition, since liquefaction potential at the site is low, earthquake-induced lateral spreading is not considered to be a seismic hazard at the site and impacts would be less than significant.

iv. Landslides?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project site is not within a "Landslide Susceptibility Area" as identified in the County Guidelines for Determining Significance for Geologic Hazards. Landslide Susceptibility Areas were developed based on landslide risk profiles included in the *Multi-Jurisdictional Hazard Mitigation Plan, San Diego, CA* (URS, 2004). Landslide risk areas from this plan were based on data including steep slopes (greater than 25%); soil series data (SANDAG based on USGS 1970s series); soil-slip susceptibility from USGS; and Landslide Hazard Zone Maps (limited to western portion of the County) developed by the California Department of Conservation, Division of Mines and Geology (DMG). Also included within Landslide Susceptibility Areas are gabbroic soils on slopes steeper than 15% in grade because these soils are slide prone. Although the project contains two to three isolated areas that have slopes greater than 25%, the overall risk associated with potential landslides is low. Therefore, the project would have a less than significant impact from the exposure of people or structures to potential adverse effects from landslides.

b) Result in substantial soil erosion or the loss of topsoil?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: According to the Soil Survey of San Diego County, the soils on-site are identified as La Posta rocky loamy coarse sand (5 to 30 percent slopes), Tollhouse rocky coarse sandy loam (5 to 30 percent slopes), and Mottsville loamy coarse sand (2 to 9 percent slopes) that has a soil erodibility rating of "moderate" and/or "severe" as indicated by the Soil Survey for the San Diego Area, prepared by the US Department of Agriculture, Soil Conservation and Forest Service dated December 1973. However, the project will not result in substantial soil erosion or the loss of topsoil for the following reasons:

- The project has prepared a Storm water Management Plan dated January 28, 2013, prepared by Rough Acres Ranch Foundation. The plan includes the following Best Management Practices to ensure sediment does not erode from the project site: (a) Construction BMPs: Silt Fence, Materials Management and Waste Management; (b) Low Impact Development BMPs: Conservation of Natural Drainages, Minimize Disturbances to Natural Drainages, Minimize Impervious Surfaces, Disconnect Impervious Surfaces, Drain Runoff from Impervious Surfaces to Pervious Areas, Permeable Pavement Design, LID Building Design; (c) Source Control BMPs: Proper Design of Trash Storage Areas, Proper Design of Outdoor Material Storage Areas.
- The project involves grading. However, the project is required to comply with the San Diego County Code of Regulations, Title 8, Zoning and Land Use Regulations, Division 7, Sections 87.414 (DRAINAGE - EROSION PREVENTION) and 87.417 (PLANTING). Compliance with these regulations minimizes the potential for water and wind erosion.

Due to these factors, it has been found that the project will not result in substantial soil erosion or the loss of topsoil on a project level.

In addition, the project will not contribute to a cumulatively considerable impact because all the of past, present and future projects included on the list of projects that involve grading or land disturbance are required to follow the requirements of the San Diego County Code of Regulations, Title 8, Zoning and Land Use Regulations, Division 7, Sections 87.414 (DRAINAGE - EROSION PREVENTION) and 87.417 (PLANTING); Order 2001-01 (NPDES No. CAS 0108758), adopted by the San Diego Region RWQCB on February 21, 2001; County Watershed Protection, Storm Water Management, and Discharge Control Ordinance (WPO) (Ord. No. 9424); and County Storm water Standards Manual adopted on February 20, 2002, and amended January 10, 2003 (Ordinance No. 9426). Refer to XVIII. Mandatory Findings of Significance for a comprehensive list of the projects considered.

c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in an on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

- | | |
|---|---|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The proposed project involves approximately 6,000 cubic yards of grading that would result in the creation of areas of cut and areas underlain by fill. In order to assure that any proposed buildings (including those proposed on the project site) are adequately supported (whether on native soils, cut or fill), a Soils Engineering Report is required as part of the Building Permit process. This Report would evaluate the strength of underlying soils and make recommendations on the design of building foundation systems. The Soils Engineering Report must demonstrate that a proposed building meets the structural stability standards required by the California Building Code. The report must be approved by the County prior to the issuance of a Building Permit. With this standard requirement, impacts would be less than significant. For further information regarding landslides, liquefaction, and lateral spreading, refer to VI Geology and Soils, Question a., iii-iv listed above.

d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project is located on expansive soils as defined within Table 18-I-B of the Uniform Building Code (1994). This was confirmed by staff review of the Soil Survey for the San Diego Area, prepared by the US Department of Agriculture, Soil Conservation and Forest Service dated December 1973. The soils on-site are La Posta rocky loamy coarse sand, Tollhouse rocky coarse sandy loam, and Mottsville loamy coarse sand. However the project will not have any significant impacts because the project is required to comply the improvement requirements identified in the 1997 Uniform Building Code, Division III – Design Standard for Design of Slab-On-Ground Foundations to Resist the Effects of Expansive Soils and Compressible Soils, which ensure suitable structure safety in areas with expansive soils. Therefore, these soils will not create substantial risks to life or property.

e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Potentially Significant Impact: The RWQCB indicated to the applicant that it needs a CEQA document before it can make a determination regarding whether the RWQCB or County will be given authority for the wastewater treatment system review, decision and inspections. A letter from the RWQCB relating the CEWA document requirement is required and study is needed relating to that wastewater treatment system.

The project proposes to discharge domestic waste to on-site wastewater systems (OSWS), also known as septic systems. The project involves _____ located _____. Discharged wastewater must conform to the Regional Water Quality Control Board’s (RWQCB) applicable standards, including the Regional Basin Plan and the California Water Code. California Water Code Section 13282 allows RWQCBs to authorize a local public agency to issue permits for OSWS “to ensure that systems are adequately designed, located, sized, spaced, constructed and maintained.” The RWQCBs with jurisdiction over San Diego County have authorized the County of San Diego, Department of Environmental Health (DEH) to issue certain OSWS permits throughout the County and within the incorporated cities. DEH has reviewed the OSWS lay-out for the project pursuant to DEH, Land and Water Quality Division’s, “On-site Wastewater Systems: Permitting Process and Design Criteria.” DEH approved the project’s OSWS on _____. Therefore, the project has soils capable of adequately supporting the use of septic tanks or alternative wastewater disposal systems as determined by the authorized, local public agency. In addition, the project will comply with the San Diego County Code of Regulatory Ordinances, Title 6, Div. 8, Chap. 3, Septic Tanks and Seepage Pits.

VII. GREENHOUSE GAS EMISSIONS – Would the project

a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

- | | | | |
|-------------------------------------|--|--------------------------|------------------------------|
| <input checked="" type="checkbox"/> | Potentially Significant Impact | <input type="checkbox"/> | Less than Significant Impact |
| <input type="checkbox"/> | Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> | No Impact |

Discussion/Explanation:

Potentially Significant Impact: Greenhouse Gas (GHG) Emissions are said to result in an increase in the earth's average surface temperature commonly referred to as global warming. This rise in global temperature is associated with long-term changes in precipitation, temperature, wind patterns, and other elements of the earth's climate system, known as climate change. These changes are now broadly attributed to GHG emissions, particularly those emissions that result from the human production and use of fossil fuels.

GHGs include carbon dioxide, methane, halocarbons (HFCs), and nitrous oxide, among others. Human induced GHG emissions are a result of energy production and consumption, and personal vehicle use, among other sources. A regional GHG inventory prepared for the San Diego Region¹ identified on-road transportation (cars and trucks) as the largest contributor of GHG emissions in the region, accounting for 46% of the total regional emissions. Electricity and natural gas combustion were the second (25%) and third (9%) largest regional contributors, respectively, to regional GHG emissions.

Climate changes resulting from GHG emissions could produce an array of adverse environmental impacts including water supply shortages, severe drought, increased flooding, sea level rise, air pollution from increased formation of ground level ozone and particulate matter, ecosystem changes, increased wildfire risk, agricultural impacts, ocean and terrestrial species impacts, among other adverse effects.

In 2006, the State passed the Global Warming Solutions Act of 2006, commonly referred to as AB 32, which set the greenhouse gas emissions reduction goal for the State of California into law. The law requires that by 2020, State emissions must be reduced to 1990 levels by reducing greenhouse gas emissions from significant sources via regulation, market mechanisms, and other actions. According to the San Diego County Greenhouse Gas Inventory (2008), the region must reduce its GHG emissions by 33 percent from "business-as-usual" emissions to achieve 1990 emissions levels by the year 2020. "Business-as-usual" refers to the 2020 emissions that would have occurred in the absence of the mandated reductions.

Senate Bill 375 (SB 375), passed in 2008, links transportation and land use planning with global warming. It requires the California Air Resources Board (ARB) to set regional targets for

¹ San Diego County Greenhouse Gas Inventory: An Analysis of Regional Emissions and Strategies to Achieve AB 32 Targets. University of San Diego and the Energy Policy Initiatives Center (EPIC), September 2008.

the purpose of reducing greenhouse gas emissions from passenger vehicles. Under this law, if regions develop integrated land use, housing and transportation plans that meet SB 375 targets, new projects in these regions can be relieved of certain review requirements under CEQA. Development of regional targets is underway and SANDAG is in the process of preparing the region's Sustainable Communities Strategy (SCS) which will be a new element of the 2050 Regional Transportation Plan (RTP). The strategy will identify how regional greenhouse gas reduction targets, as established by the ARB, will be achieved through development patterns, transportation infrastructure investments, and/or transportation measures or policies that are determined to be feasible.

In addressing the potential for a project to generate GHG emissions that would have a potentially significant cumulative effect on the environment, a 900 metric ton threshold was selected to identify those projects that would be required to calculate emissions and implement mitigation measures to reduce a potentially significant impact. The 900 metric ton screening threshold is based on a threshold included in the CAPCOA white paper² that covers methods for addressing greenhouse gas emissions under CEQA. The CAPCOA white paper references the 900 metric ton guideline as a conservative threshold for requiring further analysis and mitigation. The 900 metric ton threshold was based on a review of data from four diverse cities (Los Angeles in southern California and Pleasanton, Dublin, and Livermore in northern California) to identify the threshold that would capture at least 90% of the residential units or office space on the pending applications list. This threshold will require a substantial portion of future development to minimize GHG emissions to ensure implementation of AB 32 targets is not impeded. By ensuring that projects that generate more than 900 metric tons of GHG implement mitigation measures to reduce emissions, it is expected that a majority of future development will contribute to emission reduction goals that will assist the region in meeting its GHG reduction targets.

It should be noted that an individual project's GHG emissions will generally not result in direct impacts under CEQA, as the climate change issue is global in nature, however an individual project could be found to contribute to a potentially significant cumulative impact. CEQA Guidelines Section 15130(f) states that an EIR shall analyze greenhouse gas emissions resulting from a proposed project when the incremental contribution of those emissions may be cumulatively considerable.

GHG emissions from the project will be generated from vehicle trips, water consumption, disturbance of soils, consumption of fossil fuels to run various equipment, and construction operations. The project will complete a GHG emissions analysis including an inventory of GHG emissions. This information will be presented in the technical report and EIR. Any potential impacts will be evaluated and mitigation measures identified as necessary.

² See CAPCOA White Paper : "CEQA & Climate Change: *Evaluating and Addressing Greenhouse Gas Emissions from Projects Subject to the California Environmental Quality Act*" January 2008 (<http://www.capcoa.org/rokdownloads/CEQA/CAPCOA%20White%20Paper.pdf>).

b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

- Potentially Significant Impact Less than Significant Impact
 Less Than Significant With Mitigation Incorporated No Impact

Discussion/Explanation:

Potentially Significant Impact: In 2006, the State passed the Global Warming Solutions Act of 2006, commonly referred to as AB 32, which set the greenhouse gas emissions reduction goal for the State of California into law. The law requires that by 2020, State emissions must be reduced to 1990 levels by reducing greenhouse gas emissions from significant sources via regulation, market mechanisms, and other actions.

GHG emissions from the project will be generated from vehicle trips, water consumption, disturbance of soils, and consumption of fossil fuels to run various equipment, and construction operations. The project will complete a GHG emissions analysis including an inventory of GHG emissions to determine whether it would impede the implementation of AB 32 GHG reduction targets. This information will be presented in the technical report and EIR. Any potential impacts will be evaluated and mitigation measures identified as necessary.

VIII. HAZARDS AND HAZARDOUS MATERIALS -- Would the project:

a) Create a significant hazard to the public or the environment through the routine transport, storage, use, or disposal of hazardous materials or wastes or through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

- Potentially Significant Impact Less than Significant Impact
 Less Than Significant With Mitigation Incorporated No Impact

Discussion/Explanation:

Potentially Significant Impact: The project includes skeet trap shooting and target practice. Additionally, agricultural uses will occur on the site in the form of equestrian and poultry keeping. Hazardous waste will be generated by the weapons discharge and skeet traps including lead and other materials. Analysis must be provided and mitigation measures identified that will alleviate and eliminate lead leachate and other materials from contaminating the site. Additionally, the disposal and treatment of manure generated by the proposed animal-raising must be addressed.

b) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

No Impact: The project is not located within one-quarter mile of an existing or proposed school. Therefore, the project will not have any effect on an existing or proposed school.

c) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5, or is otherwise known to have been subject to a release of hazardous substances and, as a result, would it create a significant hazard to the public or the environment?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

No Impact: Based on a site visit and regulatory database search, the project site has not been subject to a release of hazardous substances. The project site is not included in any of the following lists or databases: the State of California Hazardous Waste and Substances sites list compiled pursuant to Government Code Section 65962.5., the San Diego County Hazardous Materials Establishment database, the San Diego County DEH Site Assessment and Mitigation (SAM) Case Listing, the Department of Toxic Substances Control (DTSC) Site Mitigation and Brownfields Reuse Program Database ("CalSites" Envirostor Database), the Resource Conservation and Recovery Information System (RCRIS) listing, the EPA's Superfund CERCLIS database or the EPA's National Priorities List (NPL). Additionally, the project does not propose structures for human occupancy or significant linear excavation within 1,000 feet of an open, abandoned, or closed landfill, is not located on or within 250 feet of the boundary of a parcel identified as containing burn ash (from the historic burning of trash), is not on or within 1,000 feet of a Formerly Used Defense Site (FUDS), does not contain a leaking Underground Storage Tank, and is not located on a site with the potential for contamination from historic uses such as intensive agriculture, industrial uses, a gas station or vehicle repair shop. Therefore, the project would not create a significant hazard to the public or environment.

d) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

No Impact: The proposed project is not located within an Airport Land Use Compatibility Plan (ALUCP), an Airport Influence Area, or a Federal Aviation Administration Height Notification Surface. Also, the project does not propose construction of any structure equal to or greater than 150 feet in height, constituting a safety hazard to aircraft and/or operations from an airport or heliport. Therefore, the project will not constitute a safety hazard for people residing or working in the project area.

e) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

No Impact: The proposed project is not within one mile of a private airstrip. As a result, the project will not constitute a safety hazard for people residing or working in the project area.

f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

The following sections summarize the project's consistency with applicable emergency response plans or emergency evacuation plans.

i. OPERATIONAL AREA EMERGENCY PLAN AND MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN:

Less Than Significant Impact: The Operational Area Emergency Plan is a comprehensive emergency plan that defines responsibilities, establishes an emergency organization, defines lines of communications, and is designed to be part of the statewide Standardized Emergency Management System. The Operational Area Emergency Plan provides guidance for emergency planning and requires subsequent plans to be established by each jurisdiction that has responsibilities in a disaster situation. The Multi-Jurisdictional Hazard Mitigation Plan includes an overview of the risk assessment process, identifies hazards present in the jurisdiction, hazard profiles, and vulnerability assessments. The plan also identifies goals, objectives and actions for each jurisdiction in the County of San Diego, including all cities and the County unincorporated areas. The project will not interfere with this plan because it will not

prohibit subsequent plans from being established or prevent the goals and objectives of existing plans from being carried out.

ii. SAN DIEGO COUNTY NUCLEAR POWER STATION EMERGENCY RESPONSE PLAN

No Impact: The San Diego County Nuclear Power Station Emergency Response Plan will not be interfered with by the project due to the location of the project, plant and the specific requirements of the plan. The emergency plan for the San Onofre Nuclear Generating Station includes an emergency planning zone within a 10-mile radius. All land area within 10 miles of the plant is not within the jurisdiction of the unincorporated County and as such a project in the unincorporated area is not expected to interfere with any response or evacuation.

iii. OIL SPILL CONTINGENCY ELEMENT

No Impact: The Oil Spill Contingency Element will not be interfered with because the project is not located along the coastal zone or coastline.

iv. EMERGENCY WATER CONTINGENCIES ANNEX AND ENERGY SHORTAGE RESPONSE PLAN

No Impact: The Emergency Water Contingencies Annex and Energy Shortage Response Plan will not be interfered with because the project does not propose altering major water or energy supply infrastructure, such as the California Aqueduct.

v. DAM EVACUATION PLAN

No Impact: The Dam Evacuation Plan will not be interfered with because the project is not located within a dam inundation zone.

g) involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

- | | |
|---|--|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant: The proposed project is adjacent to wildlands that have the potential to support wildland fires. However, the project will not expose people or structures to a significant risk of loss, injury or death involving wildland fires because the project will comply with the regulations relating to emergency access, water supply, and defensible space specified in the County Fire Code.

Implementation of these fire safety standards will occur during the building permit process and prior to use and reliance on the use permit. Also, a Fire Service Availability Letter and conditions, dated October 7, 2011, have been received from the San Diego County Fire Authority. The conditions from the San Diego County Fire Authority include: one hundred (100') fuel modification around all structures and all roads to be improved to fire code standards. In addition, the project will be conditioned to enter into a development agreement to fund the operation of fire and emergency services. The Fire Service Availability Letter indicates the expected emergency travel time to the project site to be 11 minutes. The Maximum Travel Time allowed pursuant to the County Safety Element is 20 minutes. Therefore, based on the review of the project by San Diego County Fire Authority, through compliance with the County Fire Code, and through compliance with the San Diego County Fire Authority conditions, the project is not anticipated to expose people or structures to a significant risk of loss, injury or death involving hazardous wildland fires. Moreover, the project will not contribute to a cumulatively considerable impact, because all past, present and future projects in the surrounding area are required to comply with the County Fire Code.

h) Propose a use, or place residents adjacent to an existing or reasonably foreseeable use that would substantially increase current or future resident's exposure to vectors, including mosquitoes, rats or flies, which are capable of transmitting significant public health diseases or nuisances?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project involves or supports agricultural activities and there will be approximately 10 - 50 cattle, 4 - 40 horses, and 22,500 chickens on-site at any given time. Therefore, the project may expose people to significant risk of injury or death involving vectors. However, there is an existing Vector Management Plan that has been approved by the County Department of Environmental Health, Vector Surveillance Program that ensures people will not be exposed to substantial vectors. The Management Plan is dated August 2012 and includes the following vector management practices:

- Construct and maintain open water structures to prevent seepage or flooding into adjacent lowland areas.
- Swimming pools will be maintained and treated with chlorine, per health code standards.
- Dikes or drains should have steep slopes (1.5 – 2 feet horizontal to on foot vertical) to allow adequate drainage without standing water and should be maintained free of vegetation.
- Access will be allowed for vector control agencies continued surveillance and monitoring of water quality and vegetation density.
- Feed for animals (i.e. hay, straw, etc.) will be stored under a covered three sided building off the ground on wooden pallets.
- Grains and pellets, if utilized, will be stored in rodent-proof storage containers.
- Rodent snap traps or live traps will be used as necessary.

- If severe rodent problems occur, a licensed Pest Control Operator (PCO) may be hired / employed.
- Manure will be picked up twice daily and put into the compost bin for processing.
- During the summer months, when flies are at their peak, fly predators and fly baits will be utilized to reduce the larvae and adult fly populations.
- Accumulation of damp manure, bedding or feed will be avoided to minimize fly infestation
- Feed troughs and bins shall not be located near water sources, because spilled feed attracts flies and provides a breeding site.

Therefore, the project will not substantially increase current or future resident’s exposure to vectors, including mosquitoes, rats or flies or create a cumulatively considerable impact because all uses on-site or in the surrounding area are addressed through an existing Vector Management Plan.

IX. HYDROLOGY AND WATER QUALITY -- Would the project:

a) Violate any waste discharge requirements?

- | | |
|---|---|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project proposes the construction of several structures associated with a campground and wellness facility on 723 acres, which requires NPDES General Permits for Discharges of Storm Water Associated with Construction Activities. The project site proposes and will be required to implement the following site design measures and/or source control BMPs and/or treatment control BMPs to reduce potential pollutants to the maximum extent practicable from entering storm water runoff: (a) Construction BMPs: Silt Fence, Materials Management and Waste Management; (b) Low Impact Development BMPs: Conservation of Natural Drainages, Minimize Disturbances to Natural Drainages, Minimize Impervious Surfaces, Disconnect Impervious Surfaces, Drain Runoff from Impervious Surfaces to Pervious Areas, Permeable Pavement Design, LID Building Design; (c) Source Control BMPs: Proper Design of Trash Storage Areas, Proper Design of Outdoor Material Storage Areas. These measures will enable the project to meet waste discharge requirements as required by the Land-Use Planning for New Development and Redevelopment Component of the San Diego Municipal Permit (SDRWQCB Order No. R9-2007-0001), as implemented by the San Diego County Jurisdictional Urban Runoff Management Program (JURMP) and Standard Urban Storm Water Mitigation Plan (SUSMP).

Finally, the project’s conformance to the waste discharge requirements listed above ensures the project will not create cumulatively considerable water quality impacts related to waste discharge because, through the permit, the project will conform to Countywide watershed standards in the JURMP and SUSMP, derived from State regulation to address human health and water quality concerns. Therefore, the project will not contribute to a cumulatively considerable impact to water quality from waste discharges.

- b) Is the project tributary to an already impaired water body, as listed on the Clean Water Act Section 303(d) list? If so, could the project result in an increase in any pollutant for which the water body is already impaired?

- Potentially Significant Impact Less than Significant Impact
 Less Than Significant With Mitigation Incorporated No Impact

Discussion/Explanation:

Less Than Significant Impact: The project lies in the Tecate Watershed Divide (722.71) hydrologic subarea, within the Anza-Borrego hydrologic unit. According to the Clean Water Act Section 303(d) list, July 2003, this watershed is not impaired. A Stormwater Management Plan is required to address the potential increase in pollutants and should include BMPs to reduce potential pollutants, including sediment from erosion or siltation, to the maximum extent practicable from entering storm water runoff. The proposed project must demonstrate that Low Impact Development (L.I.D.) and Hydromodification criteria are satisfied. Therefore, the EIR and supporting technical documents would discuss appropriate site design measures and/or source control BMPs and/or treatment control BMPs that would be employed as required by the Watershed Protection Ordinance (WPO).

- c) Could the proposed project cause or contribute to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses?

- Potentially Significant Impact Less than Significant Impact
 Less Than Significant With Mitigation Incorporated No Impact

Discussion/Explanation:

Less Than Significant Impact: The Regional Water Quality Control Board has designated water quality objectives for waters of the San Diego Region to protect the existing and potential beneficial uses of each hydrologic unit. The project lies in the 722.71 hydrologic subarea, within the Anza-Borrego hydrologic unit that has the following existing and potential beneficial uses for inland surface waters, coastal waters, reservoirs and lakes, and ground water: groundwater recharge; municipal and domestic supply; agricultural supply; preservation of biological habitats of special significance; and rare, threatened, or endangered species habitat.

The project proposes the following potential sources of polluted runoff: grading and construction. However, the following site design measures and/or source control BMPs and/or treatment control BMPs will be employed to reduce potential pollutants in runoff to the maximum extent practicable, such that the proposed project will not cause or contribute to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses: (a) Construction BMPs: Silt Fence, Materials Management and Waste Management; (b) Low Impact Development BMPs: Conservation of Natural Drainages,

Minimize Disturbances to Natural Drainages, Minimize Impervious Surfaces, Disconnect Impervious Surfaces, Drain Runoff from Impervious Surfaces to Pervious Areas, Permeable Pavement Design, LID Building Design; (c) Source Control BMPs: Proper Design of Trash Storage Areas, Proper Design of Outdoor Material Storage Areas.

In addition, the proposed BMPs are consistent with regional surface water, storm water and groundwater planning and permitting process that has been established to improve the overall water quality in County watersheds. As a result, the project will not contribute to a cumulatively considerable exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses. Refer to Section VIII., Hydrology and Water Quality, Question b, for more information on regional surface water and storm water planning and permitting process.

d) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?

- | | |
|---|---|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Potentially Significant Impact: The project would obtain its water supply from groundwater sources. Based on the potential impacts the project may have on groundwater resources, a groundwater investigation is required to evaluate the significance of potential impacts. The groundwater investigation report must be completed using the County’s approved Guidelines for Determining Significance and Report Format and Content Requirements which can be found on the World Wide Web at <http://www.sdcounty.ca.gov/dplu/docs/GRWTR-Guidelines.pdf> (Guidelines) <http://www.sdcounty.ca.gov/dplu/docs/GRWTR-Report-Format.pdf> (Report Formats). The project is also subject to the Groundwater Ordinance. The investigation must meet the requirements of the SAN DIEGO COUNTY GROUNDWATER ORDINANCE NO. 9826 (NEW SERIES). This document is available at <http://www.sdcounty.ca.gov/dplu/docs/GROUNDWATER-ORD.pdf>. The impacts to groundwater resources on and around the site would be analyzed and discussed within the Groundwater Investigation Report, the requested EIR and as part of the Groundwater Monitoring and Mitigation Plan (GMMP).

e) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?

- | | |
|--|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation | <input type="checkbox"/> No Impact |

Incorporated

Discussion/Explanation:

Less Than Significant Impact: The project proposes a Conference, retreat and wellness center and campground facility. As outlined in the Storm Water Management Plan (SWMP) dated January 28, 2013 and prepared by the Rough Acres Foundation, the project will implement the following Construction, Low Impact Development and Source Control BMPs to reduce potential pollutants, including sediment from erosion or siltation, to the maximum extent practicable from entering storm water runoff: (a) Construction BMPs: Silt Fence, Materials Management and Waste Management; (b) Low Impact Development BMPs: Conservation of Natural Drainages, Minimize Disturbances to Natural Drainages, Minimize Impervious Surfaces, Disconnect Impervious Surfaces, Drain Runoff from Impervious Surfaces to Pervious Areas, Permeable Pavement Design, LID Building Design; (c) Source Control BMPs: Proper Design of Trash Storage Areas, Proper Design of Outdoor Material Storage Areas. The project is exempt from Hydromodification requirements for the following reasons: The project is located east of the Pacific-Salton (Tecate) Divide. The previously mentioned measures will control erosion and sedimentation and satisfy waste discharge requirements as required by the Land-Use Planning for New Development and Redevelopment Component of the San Diego Municipal Permit (SDRWQCB Order No. R9-2007-0001 and R9-2010-0066), as implemented by the San Diego County Jurisdictional Urban Runoff Management Program (JURMP), Standard Urban Storm Water Mitigation Plan (SUSMP), and Hydromodification Management Plan (HMP). The SWMP specifies and describes the implementation process of all BMPs that will address equipment operation and materials management, prevent the erosion process from occurring, and prevent sedimentation in any onsite and downstream drainage swales. The Department of Public Works will ensure that the Plan is implemented as proposed. Due to these factors, it has been found that the project will not result in significantly increased erosion or sedimentation potential and will not alter any drainage patterns of the site or area on- or off-site. In addition, because erosion and sedimentation will be controlled within the boundaries of the project, the project will not contribute to a cumulatively considerable impact. For further information on soil erosion refer to VI., Geology and Soils, Question b.

f) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

- | | |
|--|---|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation | <input type="checkbox"/> No Impact |
| <input type="checkbox"/> Incorporated | |

Discussion/Explanation:

Potentially Significant Impact: A drainage study is required and shall outline adequate mitigation for any increase of surface runoff. Potential effects would be analyzed within the context of the EIR and the preliminary hydrology study.

g) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

Potentially Significant Impact: The project has the potential to create or contribute runoff water that would exceed the capacity of existing or planned storm water drainage systems. A drainage study is required to demonstrate that runoff water would not exceed the capacity of planned storm water drainage systems. Therefore, the drainage study and EIR must analyze and address the project's effect on surface runoff in relation to existing and planned storm water drainage systems.

h) Provide substantial additional sources of polluted runoff?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

Potentially Significant Impact: The project proposes the following potential sources of polluted runoff: construction activities, equestrian facilities, a 200-seat amphitheater, etc. A Stormwater Management Plan for Priority Projects is required to address site design measures and/or source control BMPs and/or treatment control BMPs will be employed such that potential pollutants will be reduced in runoff to the maximum extent practicable. The project will have several potential sources of polluted runoff primarily from, but not limited to, on-site equipment, maintenance, and trucking activities. Therefore, the EIR/SWMP must analyze and discuss appropriate site design measures and/or source control BMPs and/or treatment control BMPs that will be employed. Also, the EIR/SWMP would need to demonstrate how potential pollutants will be reduced in any runoff to the maximum extent practicable, in a manner that would not result in any substantial additional sources of polluted runoff.

i) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map, including County Floodplain Maps?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

Less Than Significant: The project area is not located within any FEMA designated Special Flood Hazard Area. Firm panels 06073C1800F, 06073C1825F, 06073C2075F, and 06073C2100F collectively cover the project site and indicate the Project site is Zone D, area of undetermined but possible flood hazards. However, the project is not proposing to place structures with a potential for human occupation within these areas and will not place access roads or other improvements which will limit access during flood events or affect downstream properties.

j) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

Less Than Significant: The project site contains drainage swales, which are identified as being 100-year flood hazard areas. However, the project is not proposing to place structures, access roads or other improvements which will impede or redirect flood flows in these areas.

k) Expose people or structures to a significant risk of loss, injury or death involving flooding?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

No Impact: The project site lies outside any identified special flood hazard area. Therefore, the project will not expose people to a significant risk of loss, injury or death involving flooding.

l) Expose people or structures to a significant risk of loss, injury or death involving flooding as a result of the failure of a levee or dam?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

Potentially Significant Impact: This will be addressed as part of the DEIR and the Drainage and Floodplain Studies. At this time, it is considered a Potentially Significant Impact.

m) Inundation by seiche, tsunami, or mudflow?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

i. SEICHE

No Impact: The project site is not located along the shoreline of a lake or reservoir; therefore, could not be inundated by a seiche.

ii. TSUNAMI

No Impact: The project site is located more than a mile from the coast; therefore, in the event of a tsunami, would not be inundated.

iii. MUDFLOW

No Impact: Mudflow is type of landslide. The site is not located within a landslide susceptibility zone. Also, staff geologist Jim Bennett has determined that the geologic environment of the project area has a low probability to be located within an area of potential or pre-existing conditions that could become unstable in the event of seismic activity. In addition, though the project does propose land disturbance that will expose unprotected soils, the project is not located downstream from unprotected, exposed soils within a landslide susceptibility zone. Therefore, it is not anticipated that the project will expose people or property to inundation due to a mudflow.

X. LAND USE AND PLANNING -- Would the project:

a) Physically divide an established community?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project does not propose the introduction of new infrastructure such major roadways or water supply systems, or utilities to the area. Therefore, the proposed project will not significantly disrupt or divide the established community.

b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The proposed project is subject to the General Plan Rural Lands Regional Category and contains lands within the Rural Lands 80 (RL-80) Land Use Designation. The project is also subject to the policies of the Mountain Empire Subregional Plan. The property is zoned A72 (General Agriculture) which permits a Conference / Retreat and Wellness Center and Campground Facility with a Major Use Permit pursuant to the Zoning Ordinance Section 7350 et seq.

XI. MINERAL RESOURCES -- Would the project:

a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The lands within the project site have not been classified by the California Department of Conservation – Division of Mines and Geology (Update of Mineral Land Classification: Aggregate Materials in the Western San Diego Production-Consumption Region, 1997). The project site is underlain by Cretaceous granitic rocks of the Peninsular Ranges batholith, or Upper Jurassic and Lower Cretaceous Santiago Peak metavolcanics, or Tertiary marine and non-marine sedimentary formations, which may contain mineral resource deposits suitable for crushed rock. However, due to the expensive mining and processing of crushed rock combined with transportation costs, this currently restricts crushed rock operations to urbanized areas within the Western San Diego Consumption Region of the County. Therefore, no potentially significant loss of availability of a known mineral resource of value to the region and the residents of the state will occur as a result of this project. Moreover, if the resources are not considered significant mineral deposits, loss of these resources cannot contribute to a potentially significant cumulative impact.

b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project site is not located in an area that has MRZ-2 designated lands or located within 1,300 feet of such lands. Therefore, the proposed project would not result in the loss of availability of locally important mineral resource(s).

XII. NOISE -- Would the project result in:

a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

- Potentially Significant Impact
- Less than Significant Impact
- Less Than Significant With Mitigation Incorporated
- No Impact

Discussion/Explanation:

Less Than Significant Impact:

The project is defined within three separate areas known as the western, eastern, and northern project areas including the addition of an archery course, skeet shooting range, two clubhouse, two swimming pools, agricultural building, equestrian center, tent and RV/Trailer campground, 200 person amphitheater, three single family residences and a guesthouse rebuilt. Based on a Noise Analysis prepared by LDN Consulting dated XXX, the project would not expose people to potentially significant noise levels that exceed the allowable limits of the County of San Diego General Plan, County of San Diego Noise Ordinance, and other applicable standards for the following reasons:

General Plan – Noise Element

The project is subject to the County Noise Element which governs the noise exposure levels to proposed and existing noise sensitive land uses. Primary noise sources to potentially impact the project related noise sensitive receptors would be from Interstate 8 and the Tule Wind project. In regards to future traffic noise from Interstate 8, the future traffic contour of 60 dBA CNEL extend approximately 1,000 feet without shielding and topography considered. Project related noise sensitive receptors are located outside of this this noise contour and no noise mitigation is required. Interior noise analysis for the proposed noise sensitive structures is not required. The proposed project site is adjacent to BLM Lands and the Tule Wind Project. The BLM Lands have minimal users due to the mountainous topography adjacent to the site and no noise impacts are anticipated form BLM Lands operations. According to the Tule Wind Project noise study, the Tule Wind Project would comply with the County Noise Ordinance and it is not anticipated to impact the project site. Furthermore, the additional project related traffic on nearby roadways are not anticipated to create any direct and cumulative off-site noise impacts. Therefore, the project will not expose people to potentially significant noise levels that exceed the allowable limits of the County of San Diego General Plan, Noise Element.

Noise Ordinance – Section 36.404

The project is zoned S92 and is subject to the most restrictive one-hour average daytime sound level limit of 50 dBA and 45 dBA nighttime pursuant to Section 36.404. Based on empirical data and the distances to the project property lines, the unshielded noise levels from the proposed operations were found to meet the County property line sound level

requirements. Most of the operational activities would only occur during the daytime hours and no nighttime noise impacts are anticipated. The project related noise sources are also spread out over the entire 565 acre site and not anticipated to cumulatively add to another based on noise attenuation by distance alone. The Noise Analysis state's the project's noise levels will not exceed County Noise Standards.

Noise Ordinance – Section 36.409

Based on a Noise Analysis prepared by LDN Consulting dated XXX the project will not generate construction noise that may exceed the standards of the County of San Diego Noise Ordinance (Section 36.409). Construction operations will occur only during permitted hours of operation pursuant to Section 36.409. At a distance as close as 90 feet from the grading activities to the nearest property line would resulted in a combined average noise level of 74.6 dBA at the property line. The grading operations are anticipated to average more than 300 feet from the nearest property line. Given this and the spatial separation of the heavy construction equipment over the large site area, the noise levels of grading are anticipated to comply with the County 75 dBA requirements. No blasting or rock crushing is proposed as part of the project. No existing noise sensitive land uses were identified along the segment of the roadway that will be resurfaced and no noise impacts are anticipated. It is not anticipated that the project will operate construction equipment in excess of an average sound level of 75 dB between the hours of 7 AM and 7 PM.

Finally, the project's conformance to the County of San Diego General Plan (Noise Element N-1 and N-2) and County of San Diego Noise Ordinance (Section 36.404 and 36.409) ensures the project will not create cumulatively considerable noise impacts, because the project will not exceed the local noise standards for noise sensitive areas; and the project will not exceed the applicable noise level limits at the property line or construction noise limits, derived from State regulation to address human health and quality of life concerns. Therefore, the project will not contribute to a cumulatively considerable exposure of persons or generation of noise levels in excess of standards established in the local general plan, noise ordinance, and applicable standards of other agencies.

b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact:

The project proposes residences where low ambient vibration is essential for interior operation and/or sleeping conditions. However, the facilities are typically setback more than 50 feet from any County Circulation Element (CE) roadway using rubber-tired vehicles with projected groundborne noise or vibration contours of 38 VdB or less; any property line for parcels zoned industrial or extractive use; or any permitted extractive uses. A setback of 50 feet from the

roadway centerline for heavy-duty truck activities would insure that these proposed uses or operations do not have any chance of being impacted significantly by groundborne vibration or groundborne noise levels (Harris, Miller Miller and Hanson Inc., *Transit Noise and Vibration Impact Assessment* 1995, Rudy Hendriks, *Transportation Related Earthborne Vibrations* 2002). This setback insures that this project site will not be affected by any future projects that may support sources of groundborne vibration or groundborne noise related to the adjacent roadways.

Also, the project does not propose any major, new or expanded infrastructure such as mass transit, highways or major roadways or intensive extractive industry that could generate excessive groundborne vibration or groundborne noise levels and impact vibration sensitive uses in the surrounding area.

Therefore, the project will not expose persons to or generate excessive groundborne vibration or groundborne noise levels on a project or cumulative level.

c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact:

The project involves the following permanent noise sources that may increase the ambient noise level: Vehicular traffic on nearby roadways and activities associated with the project campgrounds. As indicated in the response listed under Section XI Noise, Question a., the project would not expose existing or planned noise sensitive areas in the vicinity to a substantial permanent increase in noise levels that exceed the allowable limits of the County of San Diego General Plan, County of San Diego Noise Ordinance, and other applicable local, State, and Federal noise control. Also, the project is not expected to expose existing or planned noise sensitive areas to direct noise impacts over the existing ambient noise levels based on review of the project by County staff and a Noise Analysis prepared by LDN Consulting dated XXXX.

The project will not result in cumulatively noise impacts because a list of past, present and future projects within in the vicinity were evaluated. It was determined that the project in combination with a list of past, present and future project would not expose existing or planned noise sensitive areas to cumulative noise impacts over existing ambient noise levels. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered.

d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

- Potentially Significant Impact
- Less than Significant Impact
- Less Than Significant With Mitigation Incorporated
- No Impact

Discussion/Explanation:

Less Than Significant Impact: The project does not involve any uses that may create substantial temporary or periodic increases in ambient noise levels in the project vicinity including but not limited to extractive industry; outdoor commercial or industrial uses that involve crushing, cutting, drilling, grinding, or blasting of raw materials; truck depots, transfer stations or delivery areas; or outdoor sound systems.

The project is also subject to temporary construction noise standards comprised of an eight hour average of 75 dBA at any occupied property lines. At a distance as close as 90 feet from the grading activities to the nearest property line would resulted in a combined average noise level of 74.6 dBA at the property line. The grading operations are anticipated to average more than 300 feet from the nearest property line. Given this and the spatial separation of the heavy construction equipment over the large site area, the noise levels of grading are anticipated to comply with the County 75 dBA requirements. No blasting or rock crushing is proposed as part of the project. No existing noise sensitive land uses were identified along the segment of the roadway that will be resurfaced and no noise impacts are anticipated. Therefore, the project would not result in a substantial temporary or periodic increase in existing ambient noise levels in the project vicinity.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

- Potentially Significant Impact
- Less than Significant Impact
- Less Than Significant With Mitigation Incorporated
- No Impact

Discussion/Explanation:

No Impact: The proposed project is not located within a Comprehensive Land Use Plan (CLUP) for airports or within 2 miles of a public airport or public use airport. Therefore, the project will not expose people residing or working in the project area to excessive airport-related noise levels.

f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

- Potentially Significant Impact
- Less than Significant Impact
- Less Than Significant With Mitigation Incorporated
- No Impact

Discussion/Explanation:

No Impact: The proposed project is not located within a one-mile vicinity of a private airstrip; therefore, the project will not expose people residing or working in the project area to excessive airport-related noise levels.

XIII. POPULATION AND HOUSING -- Would the project:

a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The proposed project will not induce substantial population growth in an area because the project does not propose any physical or regulatory change that would remove a restriction to or encourage population growth in an area including, but limited to the following: new or extended infrastructure or public facilities; new commercial or industrial facilities; large-scale residential development; accelerated conversion of homes to commercial or multi-family use; or regulatory changes including General Plan amendments, specific plan amendments, zone reclassifications, sewer or water annexations; or LAFCO annexation actions.

b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The proposed project will not displace any existing housing since the site is currently used for commercial uses.

c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The proposed project will not displace substantial numbers of people since the site is currently used for commercial uses.

XIV. PUBLIC SERVICES

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance service ratios, response times or other performance objectives for any of the public services:

- i. Fire protection?
- ii. Police protection?
- iii. Schools?
- iv. Parks?
- v. Other public facilities?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: Based on the service availability forms received for the project, the proposed project will not result in the need for significantly altered services or facilities. Service availability forms have been provided which indicate existing services are available to the project from the following agencies/districts: San Diego County Fire Authority. The project does not involve the construction of new or physically altered governmental facilities including but not limited to fire protection facilities, sheriff facilities, schools, or parks in order to maintain acceptable service ratios, response times or other performance service ratios or objectives for any public services. Therefore, the project will not have an adverse physical effect on the environment because the project does not require new or significantly altered services or facilities to be constructed.

XV. RECREATION

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project does not propose any residential use, included but not limited to a residential subdivision, mobilehome park, or construction for a single-family residence that may increase the use of existing neighborhood and regional parks or other recreational facilities in the vicinity.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

No Impact: The project does not include recreational facilities or require the construction or expansion of recreational facilities. Therefore, the construction or expansion of recreational facilities cannot have an adverse physical effect on the environment.

XVI. TRANSPORTATION AND TRAFFIC -- Would the project:

a) Conflict with an applicable plan, ordinance or policy establishing measures of the effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths and mass transit?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Potentially Significant Impact: The County of San Diego Guidelines for Determining Significance for Traffic and Transportation (Guidelines) establish measures of effectiveness for the performance of the circulation system. These Guidelines incorporate standards from the County of San Diego Public Road Standards and Public Facilities Element (PFE), the County of San Diego Transportation Impact Fee Program and the Congestion Management Program.

A Traffic Impact Study is required to be prepared that will identify the total ADT that would result from the project, and if necessary, describe the distribution to the roadway network and whether the project will have an impact related to a conflict with policies establishing measures of the effectiveness for the performance of the circulation system. The results of the Traffic Impact Study will be included in the EIR.

b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?

- | | |
|---|---|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Potentially Significant Impact: The designated congestion management agency for the San Diego region is SANDAG. SANDAG is responsible for preparing the Regional Transportation Plan (RTP) of which the Congestion Management Program (CMP) is an element to monitor transportation system performance, develop programs to address near- and long-term congestion, and better integrate land use and transportation planning decisions. The CMP includes a requirement for enhanced CEQA review applicable to certain large developments that generate an equivalent of 2,400 or more average daily vehicle trips or 200 or more peak hour vehicle trips. These large projects must complete a traffic analysis that identifies the project's impacts on CMP system roadways, their associated costs, and identify appropriate mitigation. Early project coordination with affected public agencies, the Metropolitan Transit System (MTS) and the North County Transit District (NCTD) is required to ensure that the impacts of new development on CMP transit performance measures are identified.

A Traffic Impact Study is required to be prepared that will identify the total ADT that would result from the project, and if necessary, describe the distribution to CMP designated facilities. If direct and/or cumulative impacts are identified for CMP roadways, mitigation measures will be proposed and discussed to determine whether those impacts can be reduced to less than significant levels. The results of the Traffic Impact Study will be included in the EIR.

c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The proposed project is located outside of an Airport Influence Area and is not located within two miles of a public or public use airport; therefore, the project will not result in a change in air traffic patterns.

d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

- | | |
|---|---|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Potentially Significant Impact: The proposed project will take access from Ribbonwood Road and Rough Acres Ranch Road. Adequate sight distance will be required for the proposed project based on County requirements. A sight distance study is required for the project for all roadway entrances. The results of the sight distance study shall also be discussed in the EIR.

e) Result in inadequate emergency access?

- | | |
|--|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input checked="" type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The proposed project will not result in inadequate emergency access. The San Diego County Fire Authority, which is the Fire Authority Having Jurisdiction, has reviewed the proposed project and associated emergency access roadways and has determined that access to the project exceeds the maximum dead-end road length specified in the San Diego County Consolidated Fire Code. However, a secondary access road, Rough Acres, Ranch Road, is proposed as a part of the project. This road would also provide secondary access to neighbors, as well as to local correctional and border patrol facilities. Additionally, roads used will be required to be improved to County standards. Therefore, the project will not result in inadequate emergency access.

f) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Potentially Significant Impact: A Traffic Impact Study is required to be prepared that will identify the total ADT that would result from the project. The Study will address whether road improvements or new road design features will be required and whether there might be any potential interference with public transit, bicycle or pedestrian facilities. The results of the Traffic Impact Study will be included in the EIR.

XVII. UTILITIES AND SERVICE SYSTEMS -- Would the project:

a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Potentially Significant Impact: The RWQCB indicated to the applicant that it needs a CEQA document before it can make a determination regarding whether the RWQCB or County will be given authority for the wastewater treatment system review, decision and inspections. A letter from the RWQCB relating the CEWA document requirement is required and study is needed relating to that wastewater treatment system.

The project proposes to discharge domestic waste to on-site wastewater systems (OSWS), also known as septic systems. The project involves _____ located _____. Discharged wastewater must conform to the Regional Water Quality Control Board’s (RWQCB) applicable standards, including the Regional Basin Plan and the California Water Code. California Water Code Section 13282 allows RWQCBs to authorize a local public agency to issue permits for OSWS “to ensure that systems are adequately designed, located, sized, spaced, constructed and maintained.” The RWQCBs with jurisdiction over San Diego County have authorized the County of San Diego, Department of Environmental Health (DEH) to issue certain OSWS permits throughout the County and within the incorporated cities. DEH has reviewed the OSWS lay-out for the project pursuant to DEH, Land and Water Quality Division’s, “On-site Wastewater Systems: Permitting Process and Design Criteria.” DEH approved the project’s OSWS on _____. Therefore, the project is consistent with the wastewater treatment requirements of the RWQCB as determined by the authorized, local public agency.

b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project does not include new or expanded water or wastewater treatment facilities. In addition, the project does not require the construction or expansion of water or wastewater treatment facilities. **(Optional)** Based on the service availability forms received, the project will not require construction of new or expanded water or wastewater treatment facilities. Service availability forms have been provided which indicate adequate water **and/or** wastewater treatment facilities are available to the project from the following agencies/districts: _____. Therefore, the project will not require any construction of new or expanded facilities, which could cause significant environmental effects.

Less Than Significant Impact:
SITUATION 1

The project involves new **and/or** expanded water or wastewater treatment facilities. The new **and/or** expanded facilities include _____. However, as outlined in this Environmental Analysis

Form, the new **and/or** expanded facilities will not result in adverse physical effect on the environment. Specifically, refer to Sections _____ for more information

c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project does not include new or expanded storm water drainage facilities. Moreover, the project does not involve any landform modification or require any source, treatment or structural Best Management Practices for storm water. Therefore, the project will not require any construction of new or expanded facilities, which could cause significant environmental effects.

Less Than Significant Impact:

The project involves new **and/or** expanded storm water drainage facilities. The new **and/or** expanded facilities include _____. Refer to the Storm water Management Plan **or** Minor Storm water Management Plan dated _____ for more information. However, as outlined in this Environmental Analysis Form, the new **and/or** expanded facilities will not result in adverse physical effect on the environment. Specifically, refer to Sections _____ for more information.

Less Than Significant With Mitigation Incorporated: The project involves new **and/or** expanded storm water drainage facilities. The new **and/or** expanded facilities include _____. However, as outlined in this Environmental Analysis Form, the new **and/or** expanded facilities will not result in adverse physical effect on the environment, because all related impacts from the proposed storm water facilities have been mitigated to a level below significance. Refer to Sections _____ for more information.

Potentially Significant Impact:

d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

- | | |
|---|---|
| <input checked="" type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Potentially Significant Impact: The project is proposing to rely upon groundwater to supply the proposed on-site commercial uses. Based on the potential impacts the project may have

on groundwater resources, a groundwater investigation is required to evaluate the significance of potential impacts. This assessment will be included and analyzed within the EIR.

e) Result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

No Impact: The proposed project will rely completely on an on-site wastewater system (septic system); therefore, the project will not interfere with any wastewater treatment provider's service capacity.

f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

Less Than Significant Impact: Implementation of the project will generate solid waste. All solid waste facilities, including landfills require solid waste facility permits to operate. In San Diego County, the County Department of Environmental Health, Local Enforcement Agency issues solid waste facility permits with concurrence from the California Integrated Waste Management Board (CIWMB) under the authority of the Public Resources Code (Sections 44001-44018) and California Code of Regulations Title 27, Division 2, Subdivision 1, Chapter 4 (Section 21440et seq.). There are five, permitted active landfills in San Diego County with remaining capacity. Therefore, there is sufficient existing permitted solid waste capacity to accommodate the project's solid waste disposal needs.

g) Comply with federal, state, and local statutes and regulations related to solid waste?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

Less than Significant Impact: Implementation of the project will generate solid waste. All solid waste facilities, including landfills require solid waste facility permits to operate. In San Diego County, the County Department of Environmental Health, Local Enforcement Agency issues solid waste facility permits with concurrence from the California Integrated Waste Management Board (CIWMB) under the authority of the Public Resources Code (Sections 44001-44018) and California Code of Regulations Title 27, Division 2, Subdivision 1, Chapter 4 (Section 21440et seq.). The project will deposit all solid waste at a permitted solid waste facility and therefore, will comply with Federal, State, and local statutes and regulations related to solid waste.

XVIII. MANDATORY FINDINGS OF SIGNIFICANCE:

a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

- | | | | |
|-------------------------------------|--|--------------------------|------------------------------|
| <input checked="" type="checkbox"/> | Potentially Significant Impact | <input type="checkbox"/> | Less than Significant Impact |
| <input type="checkbox"/> | Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> | No Impact |

Discussion/Explanation:

Per the instructions for evaluating environmental impacts in this Initial Study, the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory were considered in the response to each question in sections IV and V of this form. In addition to project specific impacts, this evaluation considered the projects potential for significant cumulative effects. As a result of this evaluation, the project was determined to have potential significant effects related to biological and cultural resources. While mitigation has been proposed in some instances that reduce these effects to a level below significance, the effectiveness of this mitigation to clearly reduce the impact to a level below significance is unclear. Therefore, this project has been determined to potentially meet this Mandatory Finding of Significance.

b) Does the project have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

- | | | | |
|-------------------------------------|--|--------------------------|------------------------------|
| <input checked="" type="checkbox"/> | Potentially Significant Impact | <input type="checkbox"/> | Less than Significant Impact |
| <input type="checkbox"/> | Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> | No Impact |

Discussion/Explanation:

The following list of past, present and future projects were considered and evaluated as a part of this Initial Study:

PROJECT NAME	PERMIT/MAP NUMBER

Per the instructions for evaluating environmental impacts in this Initial Study, the potential for adverse cumulative effects were considered in the response to each question in sections I through XVIII of this form. In addition to project specific impacts, this evaluation considered the projects potential for incremental effects that are cumulatively considerable. As a result of this evaluation, there were determined to be potentially significant cumulative effects related to . While mitigation has been proposed in some instances that reduce these cumulative effects to a level below significance, the effectiveness of this mitigation to clearly reduce the impact to a level below significance is unclear. Therefore, this project has been determined to potentially meet this Mandatory Finding of Significance.

c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?

- Potentially Significant Impact
- Less Than Significant With Mitigation Incorporated
- Less than Significant Impact
- No Impact

Discussion/Explanation:

In the evaluation of environmental impacts in this Initial Study, the potential for adverse direct or indirect impacts to human beings were considered in the response to certain questions in sections I. Aesthetics, III. Air Quality, VI. Geology and Soils, VIII. Hazards and Hazardous Materials, IX Hydrology and Water Quality XII. Noise, XIII. Population and Housing, and XVI. Transportation and Traffic. As a result of this evaluation, there were determined to be potentially significant effects related to hazards and hazardous materials, hydrology and water quality, and transportation and traffic. While mitigation has been proposed in some instances that reduce these significant effects to a level below significance, the effectiveness of this mitigation to clearly reduce the impact to a level below significance is unclear. Therefore, this project has been determined to potentially meet this Mandatory Finding of Significance.

XIX. REFERENCES USED IN THE COMPLETION OF THE INITIAL STUDY CHECKLIST

All references to Federal, State and local regulation are available on the Internet. For Federal regulation refer to <http://www4.law.cornell.edu/uscode/>. For State regulation refer to

www.leginfo.ca.gov. For County regulation refer to www.amlegal.com. All other references are available upon request.

AESTHETICS

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County of San Diego Agricultural Enterprises and Consumer Information Ordinance, 1994, Title 6, Division 3, Ch. 4. Sections 63.401-63.408. (www.amlegal.com)

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United States Department of Agriculture, Natural Resource Conservation Service LESA System. (www.nrcs.usda.gov, www.swcs.org).

United States Department of Agriculture, Soil Survey for the San Diego Area, California. 1973. (soils.usda.gov)

AIR QUALITY

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County of San Diego Air Pollution Control District's Rules and Regulations, updated August 2003. (www.co.san-diego.ca.us)

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