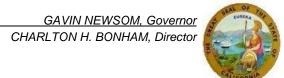


State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
South Coast Region

South Coast Region 3883 Ruffin Road San Diego, CA 92123 (858) 467-4201 www.wildlife.ca.gov



August 5, 2020

Aug 05 2020

Frank Albro
Senior Planner
City of Santa Maria
110 S. Pine St. Suite 101
Santa Marin, CA 93458
Falbro@cityofsantamaria.org

STATE CLEARINGHOUSE

Governor's Office of Planning & Research

Subject: Comments on the Initial Study/Notice of Preparation of a Draft Environmental

Impact Report for Santa Maria Airport Business Park Specific Plan

Amendment, SCH #2020070055, Santa Barbara County

Dear Mr. Albro:

The California Department of Fish and Wildlife (CDFW) has reviewed the above-referenced Initial Study/Notice of Preparation (IS/NOP) of a Draft Environmental Impact Report (DEIR) for Santa Maria Airport Business Park Specific Plan Amendment (Project).

Thank you for the opportunity to provide comments and recommendations regarding those activities involved in the Project that may affect California fish and wildlife. Likewise, we appreciate the opportunity to provide comments regarding those aspects of the Project that CDFW, by law, may be required to carry out or approve through the exercise of its own regulatory authority under the Fish and Game Code.

CDFW's Role

CDFW is California's Trustee Agency for fish and wildlife resources and holds those resources in trust by statute for all the people of the State [Fish & G. Code, §§ 711.7, subdivision (a) & 1802; Pub. Resources Code, § 21070; California Environmental Quality Act (CEQA) Guidelines, § 15386, subdivision (a)]. CDFW, in its trustee capacity, has jurisdiction over the conservation, protection, and management of fish, wildlife, native plants, and habitat necessary for biologically sustainable populations of those species (Id., § 1802). Similarly, for purposes of CEQA, CDFW is charged by law to provide, as available, biological expertise during public agency environmental review efforts, focusing specifically on projects and related activities that have the potential to adversely affect state fish and wildlife resources.

CDFW is also submitting comments as a Responsible Agency under CEQA (Pub. Resources Code, § 21069; CEQA Guidelines, § 15381). CDFW expects that it may need to exercise regulatory authority as provided by the Fish and Game Code, including lake and streambed alteration regulatory authority (Fish & G. Code, § 1600 et seq.). Likewise, to the extent implementation of the Project as proposed may result in "take" (see Fish & G. Code, § 2050) of any species protected under the California Endangered Species Act (CESA; Fish & G. Code, § 2050 et seq.) or the Native Plant Protection Act (NPPA; Fish & G. Code, §1900 et seq.), CDFW recommends the Project proponent obtain appropriate authorization under the Fish and Game Code.

Frank Albro City of Santa Maria August 5, 2020 Page 2 of 10

Project Location: The project site is located at the northwest corner of the intersection of State Route 135 and Union Valley Parkway, south of the Santa Maria Airport, in the City of Santa Maria.

Project Description/Objectives: In June 2007, the City of Santa Maria (City) certified a Programmatic Environmental Impact Report (PEIR) (State Clearinghouse [SCH] No. 2005051172) for the City of Santa Maria Airport Business Park Specific Plan (Specific Plan). The Certified PEIR evaluated the potential environmental impacts resulting from future development of the 740-acre Specific Plan area located in the southwestern corner of the City, immediately south of the Santa Maria Public Airport. The subject of this IS/NOP is a proposed General Plan Amendment, Specific Plan Amendment, and Zoning Modification of an approximately 28-acre parcel (Assessor's Parcel Number [APN] 111-231-011) at the southeast corner of the Specific Plan area (Project site).

In late 2018, the previously undisturbed Project site was graded for the agricultural cultivation of strawberries. The stands of eucalyptus trees were removed to improve airport operations and safety and accommodate this agricultural use.

COMMENTS AND RECOMMENDATIONS

CDFW offers the following comments and recommendations to assist the City in adequately identifying and/or mitigating the Project's significant, or potentially significant, direct and indirect impacts on fish and wildlife (biological) resources.

Specific Comments

1) California Tiger Salamander. The IS/NOP incorrectly states that California Tiger Salamander (Ambystoma californiense) is only a species of special concern to CDFW. California tiger salamander was listed as threatened across its entire range under CESA in 2010 (Fish & G. Code, § 2050 et seq.; Cal. Code Regs., tit. 14 § 670.5, subd. (b)(G)). CDFW does not have any records of consultation or issuance of any permits for take of California tiger salamander for this location.

The Project is known to support California Tiger Salamander (*Ambystoma californiense*) upland dispersal habitat adjacent to a breeding pond.

Under the CESA, take of any endangered, threatened, candidate species, or state-listed rare plant species that results a project is prohibited, except as authorized by state law (Fish and Game Code, §§ 2080, 2085; Cal. Code Regs., tit. 14, §786.9). Consequently, any activity during the life of a project will result in take of a species designated as endangered or threatened, or a candidate for listing under CESA, CDFW recommends that the Project proponent seek appropriate take authorization under CESA prior to implementing the Project. Appropriate authorization from CDFW may include an Incidental Take Permit (ITP) or a consistency determination in certain circumstances, among other options (Fish and Game Code §§ 2080.1, 2081, subds. (b),(c)).

Adult and juvenile California tiger salamander are known to migrate and occupy small mammal burrows in upland habitat up to 1.3 miles from a breeding pond (Orloff, 2007). The Project site is within the 1.3 miles dispersal distance from two California tiger salamander breeding ponds. The entire Project site falls within the 1.3-mile maximum migration distance

Frank Albro City of Santa Maria August 5, 2020 Page 3 of 10

of these two potential California tiger salamander breeding ponds. CDFW is concerned the Project would result in take of California tiger salamander by impacting aquatic and upland habitat on the Project site known to be occupied by California tiger salamander. CDFW and the United States Fish and Wildlife Service (USFWS) have developed survey protocol (Guidelines) to be used to detect California tiger salamander in aquatic and upland habitat with the potential to support California tiger salamander (Interim Guidance on Site Assessment and Field Surveys for Determining Presence or a Negative Finding of the California Tiger Salamander,

http://www.dfg.ca.gov/wildlife/nongame/docs/CTSFinalGuide10-03.pdf). In order to establish a Negative Finding of California tiger salamander on the Project site, focused surveys according to the Guidelines must be conducted for the Project. California Tiger Salamander were documented as being present on this parcel during previous surveys (USFWS personnel communication). If the Project, Project construction, or any Project-related activity during the life of the Project will result in "take" of California tiger salamander as defined by the Fish and Game Code (Fish & G. Code, §§86, 2080, 2081(b)(c)) an ITP from CDFW may be required.

Revisions to the Fish and Game Code, effective January 1998, require the CDFW to comply with CEQA when issuing a CESA permit. CDFW can utilize the Lead Agencies CEQA document if that document addresses all project impacts to the listed species and specifies a mitigation monitoring and reporting program that will meet the requirements of a CESA permit. The CEQA document must include a thorough and robust analysis of the potentially significant impacts to California tiger salamander and their habitat which may occur as a result of the proposed Project. For any such potentially significant impacts, the City should also analyze and describe specific, potentially feasible mitigation measures to avoid or substantially lessen any such impacts as required by CEQA and, if an ITP is necessary, as required by the relevant permitting criteria prescribed by Fish and Game Code section 2081, subdivisions (b) and (c). The failure to include this analysis in the CEQA documents could preclude the CDFW from relying on the City's analysis to issue an ITP without CDFW first conducting its own, separate lead agency subsequent or supplemental analysis for the project (See, e.g., Cal. Code Regs., tit. 14, § 15096(f); Pub. Resources Code, § 21166).

Recommended Potentially Feasible Mitigation Measure(s):

<u>Mitigation Measure #1:</u> CDFW recommends the City consult with CDFW under CESA for potential take coverage resulting from this Projects.

2) Sensitive Vegetation Communities. The IS/NOP states "The Certified EIR identifies habitats within the project site as including eucalyptus woodland, non- riparian annual grassland, and critical coastal scrub, none of which are classified as a sensitive natural community by CDFW or other jurisdictions. There are no bodies of water, riparian habitat features, or other sensitive communities located within the project site. Therefore, the project would not have a substantial adverse effect on any riparian habitat or other sensitive natural community and potential impacts would be less than significant."

The IS/MND uses a vegetation classification system that does not align with the State's vegetation mapping standard, which is how CDFW tracks Sensitive Natural Communities.

Frank Albro City of Santa Maria August 5, 2020 Page 4 of 10

In 2007, the State Legislature required CDFW to develop and maintain a vegetation mapping standard for the state (Fish and Game Code Section 1940). This standard complies with the National Vegetation Classification System which utilizes alliance and association-based classification of unique vegetation stands. CDFW utilizes vegetation descriptions found in the Manual of California Vegetation (MCV), found online at http://vegetation.cnps.org/. Through this MCV vegetation classification system, CDFW tracks Sensitive Natural Communities and their respective rankings using the MCV alliance and association names for vegetation communities.

Without MCV names and updated rankings identified for the vegetation communities potentially affected by the Project, CDFW is unable to determine if the project may impact sensitive vegetation communities or wildlife species that depend on these communities or recommend appropriate avoidance, minimization and/or mitigation measures. If a vegetation community in the project area has not previously been described, it may be a rare type. In this case, please contact CDFW about documenting and validating the vegetation community.

CDFW considers natural communities with ranks of S1-S3 to be sensitive natural communities that meet the CEQA definition (CEQA Guidelines, §§ 15380, 15063, 15065) to be addressed in CEQA (CEQA Guidelines, § 15125[c]). An S3 ranking indicates there are 21-80 occurrences of this community in existence in California, S2 has 6-20 occurrences, and S1 has less than 6 occurrences.

Recommended Potentially Feasible Mitigation Measure(s):

Mitigation Measure #1: CDFW recommends that floristic, alliance- and/or association-based mapping and vegetation impact assessments be conducted at the Project site and neighboring vicinity. The IS/MND should use the vegetation data collected for the PEIR and Specific Plan to crosswalk these species into current alliances for the purposes of establishing baseline for the IS/MND. The IS/MND document should identify, map, and discuss the specific vegetation alliances within the Project Area following CDFW's Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities (Survey Protocols) see: (https://www.wildlife.ca.gov/Data/VegCAMP/Natural-Communities).

- 3) **Bumble Bee.** A review of CNDDB indicate Crotch bumble bee (*Bombus crotchii*) within five (5) miles west of the Project vicinity. Project ground disturbing activities may result in crushing or filling of active bee colonies, causing the death or injury of adults, eggs, and larvae. The Project may remove bee habitat by eliminating vegetation that may support essential foraging habitat. Impacts to Crotch's bumble bee could result from ground disturbing activities. Project disturbance activities could result in mortality or injury to hibernating bees, as well as temporary or long-term loss of suitable foraging habitats. Construction during the breeding season of bees could result in the incidental loss of breeding success or otherwise lead to nest abandonment.
 - a) CDFW recommends that measures be taken, primarily, to avoid Project impacts to Crotch bumble bee. On June 12, 2019, the California Fish and Game Commission accepted a petition to list the crotch bumble bee as endangered under the California Endangered Species Act ("CESA"), determining the listing "may be warranted" and advancing the species to the candidacy stage of the CESA listing process.

Frank Albro City of Santa Maria August 5, 2020 Page 5 of 10

b) CDFW recommends, a qualified entomologist familiar with the species behavior and life history should conduct surveys to determine the presence/absence of Crotch's bumble bee and disclose presence or absence in the DEIR. Surveys should be conducted during flying season when the species is most likely to be detected above ground, between March 1 to September 1 (Thorp et al. 1983). Survey results including negative findings should be submitted to CDFW prior to initiation of Project activities. If "take" or adverse impacts to Crotch's bumble bee cannot be avoided either during Project activities or over the life of the Project, the City must consult CDFW to determine if a CESA incidental take permit is required (pursuant to Fish & Game Code, § 2080 et seq.).

General Comments

- 4) <u>Project Description and Alternatives</u>. To enable CDFW to adequately review and comment on the proposed Project from the standpoint of the protection of plants, fish, and wildlife, we recommend the following information be included in the DEIR:
 - A complete discussion of the purpose and need for, and description of, the proposed Project, including all staging areas and access routes to the construction and staging areas; and,
 - b) A range of feasible alternatives to Project component location and design features to ensure that alternatives to the proposed Project are fully considered and evaluated. The alternatives should avoid or otherwise minimize direct and indirect impacts to sensitive biological resources and wildlife movement areas.
- 5) Wetlands Resources. CDFW, as described in Fish and Game Code section 703(a), is guided by the Fish and Game Commission's policies. The Wetlands Resources policy (http://www.fgc.ca.gov/policy/) of the Fish and Game Commission "...seek[s] to provide for the protection, preservation, restoration, enhancement and expansion of wetland habitat in California. Further, it is the policy of the Fish and Game Commission to strongly discourage development in or conversion of wetlands. It opposes, consistent with its legal authority, any development or conversion that would result in a reduction of wetland acreage or wetland habitat values. To that end, the Commission opposes wetland development proposals unless, at a minimum, project mitigation assures there will be 'no net loss' of either wetland habitat values or acreage. The Commission strongly prefers mitigation which would achieve expansion of wetland acreage and enhancement of wetland habitat values."
 - a) The Wetlands Resources policy provides a framework for maintaining wetland resources and establishes mitigation guidance. CDFW encourages avoidance of wetland resources as a primary mitigation measure and discourages the development or type conversion of wetlands to uplands. CDFW encourages activities that would avoid the reduction of wetland acreage, function, or habitat values. Once avoidance and minimization measures have been exhausted, the Project must include mitigation measures to assure a "no net loss" of either wetland habitat values, or acreage, for unavoidable impacts to wetland resources. Conversions include, but are not limited to, conversion to subsurface drains, placement of fill or building of structures within the wetland, and channelization or removal of materials from the streambed. All wetlands and watercourses, whether ephemeral, intermittent, or perennial, should be retained and provided with substantial

Frank Albro City of Santa Maria August 5, 2020 Page 6 of 10

setbacks, which preserve the riparian and aquatic values and functions for the benefit to on-site and off-site wildlife populations. CDFW recommends mitigation measures to compensate for unavoidable impacts be included in the DEIR and these measures should compensate for the loss of function and value.

- b) The Fish and Game Commission's Water policy guides CDFW on the quantity and quality of the waters of this state that should be apportioned and maintained respectively so as to produce and sustain maximum numbers of fish and wildlife; to provide maximum protection and enhancement of fish and wildlife and their habitat; encourage and support programs to maintain or restore a high quality of the waters of this state; prevent the degradation thereof caused by pollution and contamination; and, endeavor to keep as much water as possible open and accessible to the public for the use and enjoyment of fish and wildlife. CDFW recommends avoidance of water practices and structures that use excessive amounts of water, and minimization of impacts that negatively affect water quality, to the extent feasible (Fish & Game Code, § 5650).
- 6) CESA. CDFW considers adverse impacts to a species protected by CESA to be significant without mitigation under CEQA. As to CESA, take of any endangered, threatened, candidate species, or State-listed rare plant species that results from the Project is prohibited, except as authorized by state law (Fish and Game Code, §§ 2080, 2085; Cal. Code Regs., tit. 14, §786.9). Consequently, if the Project, Project construction, or any Project-related activity during the life of the Project will result in take of a species designated as endangered or threatened, or a candidate for listing under CESA, CDFW recommends that the Project proponent seek appropriate take authorization under CESA prior to implementing the Project. Appropriate authorization from CDFW may include an Incidental Take Permit (ITP) or a consistency determination in certain circumstances, among other options [Fish & Game Code, §§ 2080.1, 2081, subds. (b) and (c)]. Early consultation is encouraged, as significant modification to a Project and mitigation measures may be required in order to obtain a CESA Permit. Revisions to the Fish and Game Code, effective January 1998, may require that CDFW issue a separate CEQA document for the issuance of an ITP unless the Project CEQA document addresses all Project impacts to CESA-listed species and specifies a mitigation monitoring and reporting program that will meet the requirements of an ITP. For these reasons, biological mitigation monitoring and reporting proposals should be of sufficient detail and resolution to satisfy the requirements for a CESA ITP.
- 7) <u>Biological Baseline Assessment</u>. To provide a complete assessment of the flora and fauna within and adjacent to the project area, with particular emphasis upon identifying endangered, threatened, sensitive, regionally and locally unique species, and sensitive habitats, the DEIR should include the following information:
 - a) Information on the regional setting that is critical to an assessment of environmental impacts, with special emphasis on resources that are rare or unique to the region [CEQA Guidelines, § 15125(c)];
 - b) A thorough, recent, floristic-based assessment of special status plants and natural communities, following CDFW's *Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities* (see https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=18959&inline);

Frank Albro City of Santa Maria August 5, 2020 Page 7 of 10

- c) Floristic, alliance- and/or association-based mapping and vegetation impact assessments conducted at the Project site and within the neighboring vicinity. *The Manual of California Vegetation*, second edition, should also be used to inform this mapping and assessment (Sawyer, 2008). Adjoining habitat areas should be included in this assessment where site activities could lead to direct or indirect impacts offsite. Habitat mapping at the alliance level will help establish baseline vegetation conditions;
- d) A complete, recent, assessment of the biological resources associated with each habitat type on site and within adjacent areas that could also be affected by the project. CDFW's California Natural Diversity Data Base (CNDDB) in Sacramento should be contacted to obtain current information on any previously reported sensitive species and habitat. CDFW recommends that CNDDB Field Survey Forms be completed and submitted to CNDDB to document survey results. Online forms can be obtained and submitted at http://www.dfg.ca.gov/biogeodata/cnddb/submitting_data_to_cnddb.asp;
- e) A complete, recent, assessment of rare, threatened, and endangered, and other sensitive species on site and within the area of potential effect, including California SSC and California Fully Protected Species (Fish & Game Code, §§ 3511, 4700, 5050 and 5515). Species to be addressed should include all those which meet the CEQA definition of endangered, rare or threatened species (CEQA Guidelines, § 15380). Seasonal variations in use of the project area should also be addressed. Focused species-specific surveys, conducted at the appropriate time of year and time of day when the sensitive species are active or otherwise identifiable, are required. Acceptable species-specific survey procedures should be developed in consultation with CDFW and the USFWS; and.
- f) A recent, wildlife and rare plant survey. CDFW generally considers biological field assessments for wildlife to be valid for a one-year period, and assessments for rare plants may be considered valid for a period of up to three years. Some aspects of the proposed project may warrant periodic updated surveys for certain sensitive taxa, particularly if build out could occur over a protracted time frame, or in phases.
- 8) Biological Direct, Indirect, and Cumulative Impacts. To provide a thorough discussion of direct, indirect, and cumulative impacts expected to adversely affect biological resources, with specific measures to offset such impacts, the following should be addressed in the DEIR:
 - a) A discussion of potential adverse impacts from lighting, noise, human activity, exotic species, and drainage. The latter subject should address Project-related changes on drainage patterns and downstream of the project site; the volume, velocity, and frequency of existing and post-Project surface flows; polluted runoff; soil erosion and/or sedimentation in streams and water bodies; and, post-Project fate of runoff from the project site. The discussion should also address the proximity of the extraction activities to the water table, whether dewatering would be necessary and the potential resulting impacts on the habitat (if any) supported by the groundwater. Mitigation measures proposed to alleviate such Project impacts should be included;
 - b) A discussion regarding indirect Project impacts on biological resources, including resources in nearby public lands, open space, adjacent natural habitats, riparian ecosystems, and any designated and/or proposed or existing reserve lands (e.g.,

Frank Albro City of Santa Maria August 5, 2020 Page 8 of 10

preserve lands associated with a Natural Community Conservation Plan (NCCP, Fish & Game Code, § 2800 et. seq.). Impacts on, and maintenance of, wildlife corridor/movement areas, including access to undisturbed habitats in adjacent areas, should be fully evaluated in the DEIR;

- c) An analysis of impacts from land use designations and zoning located nearby or adjacent to natural areas that may inadvertently contribute to wildlife-human interactions.
 A discussion of possible conflicts and mitigation measures to reduce these conflicts should be included in the DEIR; and,
- d) A cumulative effects analysis, as described under CEQA Guidelines section 15130. General and specific plans, as well as past, present, and anticipated future projects, should be analyzed relative to their impacts on similar plant communities and wildlife habitats.
- 9) Compensatory Mitigation. The DEIR should include mitigation measures for adverse Project-related impacts to sensitive plants, animals, and habitats. Mitigation measures should emphasize avoidance and reduction of Project impacts. For unavoidable impacts, on-site habitat restoration or enhancement should be discussed in detail. If on-site mitigation is not feasible or would not be biologically viable and therefore not adequately mitigate the loss of biological functions and values, off-site mitigation through habitat creation and/or acquisition and preservation in perpetuity should be addressed. Areas proposed as mitigation lands should be protected in perpetuity with a conservation easement, financial assurance and dedicated to a qualified entity for long-term management and monitoring. Under Government Code section 65967, the lead agency must exercise due diligence in reviewing the qualifications of a governmental entity, special district, or nonprofit organization to effectively manage and steward land, water, or natural resources on mitigation lands it approves.
- 10) Long-term Management of Mitigation Lands. For proposed preservation and/or restoration, the DEIR should include measures to protect the targeted habitat values from direct and indirect negative impacts in perpetuity. The objective should be to offset the Project-induced qualitative and quantitative losses of wildlife habitat values. Issues that should be addressed include (but are not limited to) restrictions on access, proposed land dedications, monitoring and management programs, control of illegal dumping, water pollution, and increased human intrusion. An appropriate non-wasting endowment should be set aside to provide for long-term management of mitigation lands.
- 11) Nesting Birds. CDFW recommends that measures be taken to avoid Project impacts to nesting birds. Migratory nongame native bird species are protected by international treaty under the Federal Migratory Bird Treaty Act (MBTA) of 1918 (Title 50, § 10.13, Code of Federal Regulations). Sections 3503, 3503.5, and 3513 of the California Fish and Game Code prohibit take of all birds and their active nests including raptors and other migratory nongame birds (as listed under the Federal MBTA). Proposed Project activities including (but not limited to) staging and disturbances to native and nonnative vegetation, structures, and substrates should occur outside of the avian breeding season which generally runs from February 1 through September 1 (as early as January 1 for some raptors) to avoid take of birds or their eggs. If avoidance of the avian breeding season is not feasible, CDFW recommends surveys by a qualified biologist with experience in conducting breeding bird surveys to detect protected native birds occurring in suitable nesting habitat that is to be

Frank Albro City of Santa Maria August 5, 2020 Page 9 of 10

disturbed and (as access to adjacent areas allows) any other such habitat within 300-feet of the disturbance area (within 500-feet for raptors). Project personnel, including all contractors working on site, should be instructed on the sensitivity of the area. Reductions in the nest buffer distance may be appropriate depending on the avian species involved, ambient levels of human activity, screening vegetation, or possibly other factors.

- 12) <u>Translocation/Salvage of Plants and Animal Species</u>. Translocation and transplantation is the process of moving an individual from the Project site and permanently moving it to a new location. CDFW generally does not support the use of, translocation or transplantation as the primary mitigation strategy for unavoidable impacts to rare, threatened, or endangered plant or animal species. Studies have shown that these efforts are experimental and the outcome unreliable. CDFW has found that permanent preservation and management of habitat capable of supporting these species is often a more effective long-term strategy for conserving sensitive plants and animals and their habitats.
- 13) Moving out of Harm's Way. The proposed Project is anticipated to result in clearing of natural habitats that support many species of indigenous wildlife. To avoid direct mortality, we recommend that a qualified biological monitor approved by CDFW be on-site prior to and during ground and habitat disturbing activities to move out of harm's way special status species or other wildlife of low mobility that would be injured or killed by grubbing or Project-related construction activities. It should be noted that the temporary relocation of on-site wildlife does not constitute effective mitigation for the purposes of offsetting project impacts associated with habitat loss. If the project requires species to be removed, disturbed, or otherwise handled, we recommend that the DEIR clearly identify that the designated entity shall obtain all appropriate state and federal permits.
- 14) Revegetation/Restoration Plan. Plans for restoration and re-vegetation should be prepared by persons with expertise in southern California ecosystems and native plant restoration techniques. Plans should identify the assumptions used to develop the proposed restoration strategy. Each plan should include, at a minimum: (a) the location of restoration sites and assessment of appropriate reference sites; (b) the plant species to be used, sources of local propagules, container sizes, and seeding rates; (c) a schematic depicting the mitigation area; (d) a local seed and cuttings and planting schedule; (e) a description of the irrigation methodology; (f) measures to control exotic vegetation on site; (g) specific success criteria; (h) a detailed monitoring program; (i) contingency measures should the success criteria not be met; and (j) identification of the party responsible for meeting the success criteria and providing for conservation of the mitigation site in perpetuity. Monitoring of restoration areas should extend across a sufficient time frame to ensure that the new habitat is established, self-sustaining, and capable of surviving drought.
 - a) CDFW recommends that local on-site propagules from the Project area and nearby vicinity be collected and used for restoration purposes. On-site seed collection should be initiated in the near future to accumulate sufficient propagule material for subsequent use in future years. On-site vegetation mapping at the alliance and/or association level should be used to develop appropriate restoration goals and local plant palettes. Reference areas should be identified to help guide restoration efforts. Specific restoration plans should be developed for various Project components as appropriate.

DocuSign Envelope ID: AE476365-C339-4711-901D-31DE1D889FA5

Frank Albro City of Santa Maria August 5, 2020 Page 10 of 10

> b) Restoration objectives should include providing special habitat elements where feasible to benefit key wildlife species. These physical and biological features can include (for example) retention of woody material, logs, snags, rocks and brush piles.

CONCLUSION

CDFW appreciates the opportunity to comment on the NOP to assist the City of Santa Maria in identifying and mitigating Project impacts on biological resources. If you have any questions or comments regarding this letter, please contact Kelly Schmoker, Senior Environmental Scientist (Specialist), at (626) 335-9092, or by email at Kelly.Schmoker@wildlife.ca.gov.

Sincerely,

- DocuSigned by:

Erinn Wilson

DC7324F4C5BB489... Erinn Wilson

Environmental Program Manager I

ec: CDFW

Steve Gibson – Los Alamitos Susan Howell – San Diego CEOA Program Coordinator – Sacran

CEQA Program Coordinator – Sacramento

State Clearinghouse

References

Orloff, S. 2007. Migratory Movements of California tiger salamander in upland habitat – a five year study (Pittsburg, California). Ibis Environmental, Inc., prepared for Bailey Estates LLC, May 2008. 47 pp. + appendices.

Sawyer, J. O., Keeler-Wolf, T., and Evens J.M. 2008. A manual of California Vegetation, 2nd ed. ISBN 978-0-943460-49-9.

Thorp, Robbin W., Horning Jr, Donald S., and Dunning, Lorry L. 1983. Bumble Bees and Cuckoo Bumble Bees of California. Bulletin of the California Insect Survey 23.