



State of California – Natural Resources Agency

DEPARTMENT OF FISH AND WILDLIFE

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March 26, 2021

Governor's Office of Planning & Research

Mar 26 2021

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STATE CLEARINGHOUSE

Subject: Notice of Preparation of a Draft Environmental Impact Report for the Long Beach RiverPark Residential Project, SCH #2021020492, City of Long Beach, Los Angeles County

Dear Ms. Harbin:

The California Department of Fish and Wildlife (CDFW) has reviewed the Notice of Preparation (NOP) of a Draft Environmental Impact Report (DEIR) from the City of Long Beach (City; Lead Agency) for the Long Beach RiverPark Residential Project (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", as defined by State law, of any species protected under the California Endangered Species Act (CESA) (Fish & G. Code, § 2050 *et seq.*), or CESA-listed rare plant pursuant to 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.

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Project Description and Summary

Objective: The City proposes a residential development on 21 acres of vacant land, which was formerly a facility used to treat production water from oil wells. Plans for the site include a mix of single-family detached homes, multifamily homes, streets, parking, and open space with built in trails. Approximately 15 acres of the site will be used for residential development and 5 acres of open space with recreational facilities. Project-related activities include grading, vegetation clearing, road construction, home construction, and installation of public utility infrastructure.

Location: The Project site is located on an approximately 21-acre site at roughly 701 W Baker Street in the neighborhood of Wrigley Heights in the City of Long Beach, within Los Angeles County. The Project site borders the Los Angeles River to the west, Interstate 405 (I-405) to the north, Golden Avenue to the east, and Wardlow Road to the south. Los Angeles County Assessor Parcel Numbers (APNs) associated with the site are 7203-002-001, -005, -007, -008, -009, and -010.

Comments and Recommendations

CDFW offers the comments and recommendations below to assist the City in adequately identifying, avoiding, and/or mitigating the Project's significant, or potentially significant, direct, and indirect impacts on fish and wildlife (biological) resources. CDFW looks forward to commenting on the DEIR when it is released. CDFW may have additional comments to the DEIR not addressed in this letter.

Specific Comments

- 1) Burrowing Owl. Burrowing owls (*Athene cuniculara*), a California Species of Special Concern (SSC), have been observed as recently as 2015 in empty lots about 1 mile north of the Project site along the Los Angeles River (LSA 2016). The same studies identified multiple potential burrows on a vacant lot adjacent to the Project site. Page IS-7 of the IS indicates that "some old foundations, roads, and pipes are still present on the site." Burrowing owls are known to use artificial sources for burrows, such as debris piles or exposed pipes.
 - a) CDFW recommends the City perform a protocol-level survey for burrowing owls adhering to survey methods described in CDFW's March 7, 2012, [Staff Report on Burrowing Owl Mitigation](#) (CDFW 2012). All survey efforts should be conducted by a qualified biologist. Survey protocol for breeding season owl surveys states to conduct four survey visits: 1) at least one site visit between February 15 and April 15, and 2) a minimum of three survey visits, at least three weeks apart, between April 15 and July 15, with at least one visit after June 15. Full disclosure of the presence/absence of burrowing owls is necessary to help the City's determination of whether the Project would impact burrowing owls, thus requiring mitigation. The Project and environmental document should be conditioned to avoid and/or mitigate for potential impacts to burrowing owl and habitat.
- 2) Tree Replacement. Appendix A: Biological Resources Constraints Analysis (BRCA) of the Initial Study (IS) indicates that there are a mix of eucalyptus (*Eucalyptus sp.*), Peruvian pepper (*Schinus molle*), California fan palm (*Washingtonia filifera*), Canary Island palm

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(*Phoenix canaryensis*), and Brazilian pepper (*Schinus teribenthifolia*) trees that will be removed from the Project site. In urban environments such as this Project site, small pockets of green space and trees are vital habitat to local wildlife. Bats have been shown to utilize palm trees as habitat for roosting throughout the Los Angeles region. Tree trimming activities (e.g., palm skinning) can impact bats that attempt to roost in landscape plantings (Miner and Stokes 2005). Tree trimming and removal are also likely to impact bird species found to be nesting or foraging among street trees. Habitat loss is one of the leading causes of native biodiversity loss.

- a) To compensate for any loss of trees, CDFW recommends replacing all non-native trees removed as a result of the proposed work activities with at least a 1:1 ratio with native trees. CDFW recommends replacing native trees with at least a 3:1 ratio with a combination of native trees and/or appropriate understory and lower canopy plantings.
- 3) Nesting Birds. As stated in the IS, multiple on-site trees and shrubs will be removed as part of the proposed Project. This vegetation may provide potential nesting habitat where Project activities may impact nesting birds. Project activities occurring during the breeding season of nesting birds could result in the incidental loss of fertile eggs, or nestlings, or otherwise lead to nest abandonment in trees directly adjacent to the Project boundary. The Project could also lead to the loss of foraging habitat for sensitive bird species.
- a) Migratory nongame native bird species are protected by international treaty under the Federal Migratory Bird Treaty Act (MBTA) of 1918 (Code of Federal Regulations, Title 50, § 10.13). 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). It is unlawful to take, possess, or needlessly destroy the nest or eggs of any raptor.
 - b) CDFW recommends that measures be taken to fully avoid Project impacts to nesting birds and raptors. Proposed Project-related ground-disturbing activities (e.g., mobilizing, staging, drilling, and excavating) and vegetation removal should occur outside of the avian breeding season which generally runs from February 15 through August 31 (as early as January 1 for some raptors) to avoid take of birds, raptors, or their eggs.
 - c) If impacts to nesting birds and raptors cannot be avoided, CDFW recommends the DEIR include measures to mitigate for impacts. CDFW recommends surveys by a qualified biologist with experience conducting breeding bird and raptor surveys. Surveys are needed to detect protected native birds and raptors occurring in suitable nesting habitat that may be disturbed and any other such habitat within 300 feet of the Project disturbance area, to the extent allowable and accessible. For raptors, this radius should be expanded to 500 feet and 0.5 mile for special status species. 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.
 - d) CDFW recommends the DEIR provide an analysis of the expected increase in human presence and any subsequent change in traffic, noise level and frequency, and artificial lighting relative to a no build alternative. Using these expected elevated levels of human-

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driven disturbances, further consideration should be given to potential impacts to birds and raptors nesting within and adjacent to the Project site.

- 4) Bat Species. The IS for the proposed Project states that several palm and eucalyptus trees will be removed as part of Project activities. At least 24 bat species occur in the south coast ecoregion of the State, indicating the importance of the region to bat diversity (Miner and Stokes 2005). Despite the high diversity and sensitivity of bats in Southern California, numerous bat species are known to roost in trees and structures throughout Los Angeles County. Project activities may have the potential to adversely impact bat populations within the vicinity.
 - a) Bats are considered non-game mammals and are afforded protection by state law from take and/or harassment (Fish & G. Code, § 4150; Cal. Code of Regs., § 251.1). Project construction and activities, including (but not limited to) vegetation removal, increased noise, and ground disturbing activities, may have direct and/or indirect impacts on bats and roosts.
 - b) CDFW recommends the DEIR provide a thorough discussion and adequate disclosure of potential impacts to bats and roosts from Project construction including (but not limited to) disturbances to vegetation, trees, and structures; demolition; grading; and excavating. If necessary, to reduce impacts to less than significant, the DEIR should provide bat-specific avoidance and/or mitigation measures [CEQA Guidelines, § 15126.4(a)(1)].
- 5) Non-Native Plants and Landscaping. The Project may involve significant landscaping for aesthetic purposes. Invasive plant species spread quickly and can displace native plants, prevent native plant growth, and create monocultures. CDFW recommends using native, locally appropriate plant species for landscaping on the Project site, similar to species found in adjacent natural habitats.
 - a) If the Project may involve landscaping, CDFW recommends the Draft Environmental Impact Report (DEIR) provide the landscaping plant palette and restrict use of species listed as 'Moderate' or 'High' by the [California Invasive Plant Council](#) (Cal-IPC 2020). These species are documented to have substantial and severe ecological impacts on physical processes, plant and animal communities, and vegetation structure.
 - b) If non-native invasive plants are on site, CDFW recommends the DEIR provide measures to reduce the spread of non-natives during Project construction and activities. Spreading non-native plants during Project activities may have the potential to impact areas not currently exposed to non-native plants. This could result in expediting the loss of natural habitats in and adjacent to the Project site and should be prevented.

General Comments

- 1) Disclosure. A DEIR should provide an adequate, complete, and detailed disclosure about the effect which a proposed project is likely to have on the environment (Pub. Resources Code, § 20161; CEQA Guidelines, §15151). Adequate disclosure is necessary so CDFW may provide comments on the adequacy of proposed avoidance, minimization, or mitigation

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measures, as well as to assess the significance of the specific impact relative to the species (e.g., current range, distribution, population trends, and connectivity).

- 2) Mitigation Measures. Public agencies have a duty under CEQA to prevent significant, avoidable damage to the environment by requiring changes in projects through the use of feasible alternatives or mitigation measures [CEQA Guidelines, §§ 15002(a)(3), 15021]. Pursuant to CEQA Guidelines section 15126.4, an environmental impact report should describe feasible measures which could mitigate for impacts below a significant level under CEQA.
 - a) Level of Detail. Mitigation measures must be feasible, effective, implemented, and fully enforceable/imposed by the lead agency through permit conditions, agreements, or other legally binding instruments (Pub. Resources Code, § 21081.6(b); CEQA Guidelines, §§ 15126.4, 15041). A public agency should provide the measures that are fully enforceable through permit conditions, agreements, or other measures (Pub. Resources Code, § 21081.6). CDFW recommends that the City prepare mitigation measures that are specific, detailed (i.e., responsible party, timing, specific actions, location), and clear in order for a measure to be fully enforceable and implemented successfully via a mitigation monitoring and/or reporting program (CEQA Guidelines, § 15097; Pub. Resources Code, § 21081.6). Adequate disclosure is necessary so CDFW may provide comments on the adequacy and feasibility of proposed mitigation measures.
 - b) Disclosure of Impacts. If a proposed mitigation measure would cause one or more significant effects, in addition to impacts caused by the Project as proposed, the environmental document should include a discussion of the effects of proposed mitigation measures [CEQA Guidelines, § 15126.4(a)(1)]. In that regard, the environmental document should provide an adequate, complete, and detailed disclosure about a project's proposed mitigation measure(s). Adequate disclosure is necessary so CDFW may assess the potential impacts of proposed mitigation measures.
- 3) Biological Baseline Assessment. In preparation of the DEIR, CDFW recommends providing a complete assessment and impact analysis of the flora and fauna within and adjacent to the Project site and where the Project may result in ground disturbance. The assessment and analysis should place emphasis upon identifying endangered, threatened, sensitive, regionally, and locally unique species, and sensitive habitats. Impact analysis will aid in determining any direct, indirect, and cumulative biological impacts, as well as specific mitigation or avoidance measures necessary to offset those impacts. CDFW recommends avoiding any sensitive natural communities found on or adjacent to the Project. CDFW also considers impacts to SSC a significant direct and cumulative adverse effect without implementing appropriate avoid and/or mitigation measures. 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)]. The DEIR should include measures to fully avoid and otherwise protect Sensitive Natural Communities from Project-related impacts. Project implementation may result in impacts to rare or endangered plants or plant communities that have been recorded adjacent to the Project vicinity. CDFW considers these

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communities as threatened habitats having both regional and local significance. Plant communities, alliances, and associations with a State-wide ranking of S1, S2, S3 and S4 should be considered sensitive and declining at the local and regional level. These ranks can be obtained by visiting [Vegetation Classification and Mapping Program - Natural Communities](#) webpage (CDFW 2021a).

- 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 Sensitive Natural Communities](#) (CDFW 2018). Adjoining habitat areas should be included where Project construction and activities could lead to direct or indirect impacts off site.
- 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](#) (MCV), second edition, should also be used to inform this mapping and assessment (Sawyer et al. 2009). Adjoining habitat areas should be included in this assessment where site activities could lead to direct or indirect impacts off-site. 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 Database](#) (CNDDDB) in Sacramento should be contacted to obtain current information on any previously reported sensitive species and habitat (CDFW 2021b). The DEIR should include a nine-quadrangle search of the CNDDDB to determine a list of species potentially present at the Project site. A lack of records in the CNDDDB does not mean that rare, threatened, or endangered plants and wildlife do not occur in the Project site. Field verification for the presence or absence of sensitive species is necessary to provide a complete biological assessment for adequate CEQA review [CEQA Guidelines, § 15003(i)].
- e) A complete, recent, assessment of rare, threatened, and endangered, and other sensitive species on site and within the area of potential effect, including SSC, and California Fully Protected Species (Fish & G. 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 site should also be addressed such as wintering, roosting, nesting, and foraging habitat. Focused species-specific surveys, conducted at the appropriate time of year and time of day when the sensitive species are active or otherwise identifiable, may be required if suitable habitat is present. See CDFW's [Survey and Monitoring Protocols and Guidelines](#) for established survey protocol for select species (CDFW 2018). Acceptable species-specific survey procedures may be developed in consultation with CDFW and the USFWS.
- 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.

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- 4) Data. CEQA requires that information developed in environmental impact reports be incorporated into a database which may be used to make subsequent or supplemental environmental determinations [Pub. Resources Code, § 21003, subd. (e)]. Accordingly, please report any special status species and natural communities detected by completing and submitting [CNDDDB Field Survey Forms](#) (CDFW 2021c). The City should ensure the data has been properly submitted, with all data fields applicable filled out. The data entry should also list pending development as a threat and then update this occurrence after impacts have occurred.
- 5) Biological Direct, Indirect, and Cumulative Impacts. CDFW recommends providing a thorough discussion of direct, indirect, and cumulative impacts expected to adversely affect biological resources, with specific measures to offset such impacts. The DEIR should address the following:
 - a) 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., preserve lands associated with a Natural Community Conservation Plan (NCCP, Fish & G. 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.
 - b) A discussion of both the short-term and long-term effects to species population distribution and concentration and alterations of the ecosystem supporting the species impacted [CEQA Guidelines, § 15126.2(a)].
 - c) A discussion of potential adverse impacts from lighting, noise, temporary and permanent human activity, and exotic species and identification of any mitigation measures.
 - d) A discussion on Project-related changes on drainage patterns; 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 sites. 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.
 - e) An analysis of impacts from proposed changes to land use designations and zoning, and existing land use designation 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.
 - f) 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 and wildlife species, habitat, and vegetation communities. If the City determines that the Project would not have a cumulative impact, the environmental document should indicate why the cumulative impact is not significant. The City's conclusion should be supported by facts and

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analyses [CEQA Guidelines, § 15130(a)(2)].

- 6) Project Description and Alternatives. 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) 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.
 - b) CEQA Guidelines section 15126.6(a) states that an environmental document should describe a reasonable range of potentially feasible alternatives to the project, or to the location of the project, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project. CEQA Guidelines section 15126.6(f)(2) states if the Lead Agency concludes that no feasible alternative locations exist, it must disclose the reasons for this conclusion and should include reasons in the environmental document.
 - c) A range of feasible alternatives to Project component location and design features to avoid or otherwise minimize direct and indirect impacts to sensitive biological resources and wildlife movement areas. CDFW recommends the City consider configuring Project construction and activities, as well as the development footprint, in such a way as to fully avoid impacts to sensitive and special status plants and wildlife species, habitat, and sensitive vegetation communities. CDFW also recommends the City consider establishing appropriate setbacks from sensitive and special status biological resources. Setbacks should not be impacted by ground disturbance or hydrological changes for the duration of the Project and from any future development. As a general rule, CDFW recommends reducing or clustering the development footprint to retain unobstructed spaces for vegetation and wildlife and provide connections for wildlife between properties and minimize obstacles to open space.

Project alternatives should be thoroughly evaluated, even if an alternative would impede, to some degree, the attainment of the Project objectives or would be more costly (CEQA Guidelines, § 15126.6).
 - d) Where the Project may impact aquatic and riparian resources, CDFW recommends the City consider alternatives that would fully avoid impacts to such resources. CDFW also recommends alternatives that would allow not impede, alter, or otherwise modify existing surface flow; watercourse and meander; and water-dependent ecosystems and vegetation communities. Project-related designs should consider elevated crossings to avoid channelizing or narrowing of streams. Any modifications to a river, creek, or stream may cause or magnify upstream bank erosion, channel incision, and drop in water level and cause the stream to alter its course of flow.
- 7) Translocation/Salvage of Plants and Animal Species. Translocation and transplantation is the process of moving an individual from a 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

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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.

- 8) Moving out of Harm's Way. 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. The biological monitor may need to move any special status species or other wildlife of low mobility out of harm's way that would likely be injured or killed by Project-related construction activities, such as grubbing or grading. 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 should obtain all appropriate state and federal permits.

CDFW has the authority to issue permits for the take or possession of wildlife, including mammals; birds, nests, and eggs; reptiles, amphibians, fish, plants; and invertebrates (Fish & G. Code, §§ 1002, 1002.5, 1003). Effective October 1, 2018, a Scientific Collecting Permit is required to monitor project impacts on wildlife resources, as required by environmental documents, permits, or other legal authorizations; and, to capture, temporarily possess, and relocate wildlife to avoid harm or mortality in connection with otherwise lawful activities (Cal. Code Regs., tit. 14, § 650). Please visit CDFW's [Scientific Collection Permits webpage](#) for information (CDFW 2021d).

- 9) Wetland Resources. CDFW, as described in Fish and Game Code section 703(a), is guided by the Fish and Game Commission's (Commission) policies. The [Wetlands Resources](#) policy the Commission "...seek[s] to provide for the protection, preservation, restoration, enhancement and expansion of wetland habitat in California (CFGC 2020). 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 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

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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 & G. Code, § 5650).

Conclusion

We appreciate the opportunity to comment on the NOP for the Long Beach RiverPark Residential Project to assist the City of Long Beach in identifying and mitigating Project impacts on biological resources. If you have any questions or comments regarding this letter, please contact Andrew Valand, Environmental Scientist, at Andrew.Valand@wildlife.ca.gov.

Sincerely,

DocuSigned by:

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References

- [Cal-IPC] California Invasive Plant Council. 2020. The Cal-IPC Inventory. Available from: <https://www.cal-ipc.org/plants/inventory/>
- California Department of Fish and Wildlife. 2018. Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Sensitive Natural Communities. Available from: <https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=18959&inline>.
- [CDFWa] California Department of Fish and Wildlife. 2021. Natural Communities. Available from: <https://wildlife.ca.gov/Data/VegCAMP/Natural-Communities>.
- [CDFWb] California Department of Fish and Wildlife. 2021. California Natural Diversity Database. Available from: <https://wildlife.ca.gov/Data/CNDDDB>
- [CDFWc] California Department of Fish and Wildlife. 2021. Submitting Data to the CNDDDB. Available from: <https://wildlife.ca.gov/Data/CNDDDB/Submitting-Data>
- [CDFWd] California Department of Fish and Wildlife. 2021. Scientific Collecting Permit. Available from: <https://wildlife.ca.gov/Licensing/Scientific-Collecting>.
- [CDFW] California Department of Fish and Wildlife. 2012. Staff Report on Burrowing Owl Mitigation. Available from: <https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=83843>.
- [CFGCC] California Fish and Game Commission. 2021. Policies. Retention of Wetland Acreage and Habitat Values. Available from: <https://fgc.ca.gov/About/Policies/Miscellaneous>.
- [CNPS] California Native Plant Society. 2020. Rare Plant ranks. Available from: <https://www.cnps.org/rare-plants/cnps-rare-plant-ranks>.
- LSA Associates Inc. 2016. Results of 2015 Phase I and Phase II Burrowing Owl Surveys for the Interstate 710 Corridor Project in Los Angeles County (LSA Project No. UR0801E).
- Miner, Karen L.; Stokes, Drew C. 2005. Bats in the south coast ecoregion: status, conservation issues, and research needs. In: Kus, Barbara E., and Beyers, Jan L., technical coordinators. Planning for Biodiversity: Bringing Research and Management Together. Gen. Tech. Rep. PSW-GTR-195. Albany, CA: Pacific Southwest Research Station, Forest Service, U.S. Department of Agriculture: 211-227
- Remington, S. and D.S. Cooper. 2014. Bat Survey of Griffith Park, Los Angeles California. The Southwestern Naturalist 59(4): 473-479.
- Sawyer, J. O., Keeler-Wolf, T., and Evens J.M. 2009. A manual of California Vegetation, 2nd ed. ISBN 978-0-943460-49-9.