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MEMORANDUM

DATE: January 14, 2022

To: Eric Gruber, PSOMAS – Construction Manager

FROM: Samuel Bressler, Assistant Biologist, LSA

SUBJECT: Preconstruction Nesting Bird Survey Results for the El Dorado Duck Pond Project (Streambed Alteration Agreement [SAA] No. 1600-2015-0268-R5) in the City of Long Beach, California

On January 12, 2022, LSA Biologist Samuel Bressler conducted a pre-construction nesting bird survey at the El Dorado Duck Pond, located in El Dorado Park West in Long Beach, California. This survey was conducted to determine the presence or absence of nesting birds prior to the planned removal of 26 trees for the El Dorado Duck Pond Restoration Project (project). The survey took place outside of the nesting bird season designated by Section 2.10 of SAA No. 1600-2015-0268-R5 (February 15–August 31) but was conducted in order to ensure tree removal remained in compliance with the General Mitigation Measures of the SAA, the Migratory Bird Treaty Act, and Section 3503 of the California Fish and Game Code.

The survey was conducted between 9:45 a.m. and 12:15 p.m. Weather conditions were conducive to observing nesting behavior by birds (initial conditions were 57 degrees Fahrenheit, partly cloudy, with a slight breeze). On foot and with the aid of binoculars, Mr. Bressler surveyed the 26 trees slated for removal including adjacent trees that might be impacted by activities related to tree removal. Mr. Bressler and employees of Los Angeles Engineering, Inc. marked the trees to be removed with orange paint. Mr. Bressler also surveyed all trees on or adjacent to the project site for nesting activity, including the palm trees located on what is known as habitat island where colonially nesting waterbirds (e.g., herons and egrets) are known to have bred in previous years.

No active nests were observed at the time of the survey. Several black-crowned night herons (*Nycticorax nycticorax*) were observed roosting on the habitat island; however, they did not exhibit any nesting behavior during the survey period. Other bird species of note observed during the survey included a pair of red-shouldered hawks (*Buteo lineatus*) circling over the southwestern corner of the lake, gadwall (*Mareca strepera*), spotted sandpiper (*Actitis macularius*), northern flicker (*Colaptes auratus*), and Nuttall's woodpecker (*Dryobates nuttallii*). All wildlife species detected in or around the project area are listed in Attachment A, below.

If you have any questions or comments about the survey, please contact me or Lonnie Rodriguez at (949) 553-0666 or Samuel.Bressler@lsa.net or Lonnie.Rodriguez@lsa.net.

Attachment: A: Animal Species Detected

ATTACHMENT A

ANIMAL SPECIES DETECTED

This is a list of the conspicuous aerial insects (i.e., damselflies, dragonflies, and butterflies), bony fishes, amphibians, reptiles, birds, and mammals noted in the study area by LSA biologists. Presence may be noted if a species is seen or heard, or identified by the presence of tracks, scat, or other signs. Please note that most species are listed in phylogenetic order of relation.

Scientific Name	Common Name
LEPIDOPTERA	BUTTERFLIES
Nymphalidae	Brush-footed Butterflies
<i>Nymphalis antiopa</i>	Mourning cloak
<i>Danaus plexippus</i>	Monarch
AVES	BIRDS
Anatidae	Ducks, Geese, and Swans
<i>Anser</i> sp.	Domestic goose
<i>Branta canadensis</i>	Canada goose
<i>Alopochen aegyptiacus</i>	Egyptian goose
<i>Cairina</i> sp.	Muscovy duck (domestic)
<i>Spatula clypeata</i>	Northern shoveler
<i>Mareca strepera</i>	Gadwall
<i>Mareca Americana</i>	American wigeon
<i>Anas platyrhynchos</i>	Mallard
Rallidae	Rails, Gallinules, and Coots
<i>Fulica americana</i>	American coot
Scolopacidae	Sandpipers
<i>Actitis macularius</i>	Spotted sandpiper
Laridae	Gulls, Terns, and Skimmers
<i>Larus delawarensis</i>	Ring-billed gull
Phalacrocoracidae	Cormorants
<i>Phalacrocorax auritus</i>	Double-crested cormorant
Ardeidae	Hérons, Bitterns, and Allies
<i>Ardea alba</i>	Great egret
<i>Egretta thula</i>	Snowy egret
<i>Nycticorax nycticorax</i>	Black-crowned night-heron
Accipitridae	Hawks, Kites, Eagles, and Allies
<i>Accipiter cooperi</i>	Cooper's hawk
<i>Buteo lineatus</i>	Red-shouldered hawk
Picidae	Woodpeckers and Allies
<i>Dryobates nuttallii</i>	Nuttall's woodpecker
<i>Colaptes auratus</i>	Northern flicker
Tyrannidae	Tyrant Flycatchers
<i>Sayornis nigricans</i>	Black phoebe

Scientific Name	Common Name
Corvidae	Crows and Jays
<i>Corvus brachyrhynchos</i>	American crow
Regulidae	Kinglets
<i>Corthylio calendula</i>	Ruby-crowned kinglet
Sturnidae	Starlings
<i>Sturnus vulgaris</i> (nonnative species)	European starling
Fringillidae	Fringilline and Cardueline Finches and Allies
<i>Haemorhous mexicanus</i>	House finch
Passerellidae	New World Sparrows
<i>Junco hyemalis</i>	Dark-eyed junco
Icteridae	Blackbirds
<i>Quiscalus mexicanus</i>	Great-tailed grackle
Parulidae	Wood Warblers
<i>Geothlypis trichas</i>	Common yellowthroat
<i>Setophaga coronata</i>	Yellow-rumped warbler
MAMMALIA	MAMMALS
Sciuridae	Squirrels, Chipmunks, and Marmots
<i>Sciurus niger</i> (nonnative species)	Eastern fox squirrel

Taxonomy and nomenclature are based primarily on the following:

- **Butterflies:** North American Butterfly Association (2001, *NABA Checklist and English Names of North American Butterflies*, Second Edition, North American Butterfly Association, Morristown, New Jersey, 2003 update in *American Butterflies* 11: 24-27; see <http://www.naba.org/pubs/checklst.html>).
- **Amphibians and Reptiles:** Crother, B.I. ed. (2017, *Scientific and Standard English Names of Amphibians and Reptiles of North America North of Mexico, with Comments Regarding Confidence in our Understanding*, Eighth Edition, *Herpetological Circular* 43, for species taxonomy and nomenclature; AmphibiaWeb [<https://amphibiaweb.org/>] and The Reptile Database [www.reptile-database.org/] for higher-order taxonomy; see also California Herps [<http://www.californiaherps.com/index.html>]).
- **Birds:** American Ornithological Society (1998, *The A.O.U. Checklist of North American Birds*, Seventh Edition, American Ornithologists' Union, Washington, D.C.; and supplements; see <http://checklist.aou.org/taxa>).
- **Mammals:** Bradley, R.D. et al. (2014, *Revised Checklist of North American Mammals North of Mexico*, Museum of Texas Tech University Occasional Papers No. 327).