

August 31, 2022
(2017-116.006/12D)

Mr. Wayne Lee
County of Los Angeles Department of Public Works
Stormwater Engineering Division
Via Email: WaLee@dpw.lacounty.gov

Subject: July 2022 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Mr. Lee,

This letter report has been prepared to summarize the results of the breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in July 2022 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' (LACPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

"The Designated Biologist(s) shall continue weekly focused surveys within 500 feet of Covered Activities in Covered Species habitat during the breeding season to determine the presence of Covered Species;"

Weekly focused least Bell's vireo surveys began on March 1, 2022 and continued through July 2022 and are summarized below.

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 for Project activities that are to occur during the vireo's breeding season (March 1 to September 15). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.¹ Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of

¹ U.S. Fish and Wildlife Service (USFWS). 2001. Least Bell's Vireo Survey Guidelines. U.S. Department of the Interior. Carlsbad, CA, USFWS, 3 pp.

least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Four focused breeding season surveys for least Bell's vireo were conducted during July 2022. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
07/06/22	CM	0610	1000	61	68	90	80	2-4	2-4
07/13/22	CM	0615	1000	58	72	95	40	0-2	2-4
07/19/22	CM	0613	0940	69	82	0	0	0-1	2-4
07/26/22	CM	0630	1200	70	88	10	0	0-1	2-4

CM = Carla Marriner

No least Bell's vireos or Brown-headed cowbirds were detected during the July 2022 breeding season surveys.

DISCUSSION

Four focused breeding season surveys for least Bell's vireo conducted in July 2022 did not detect least Bell's vireo in or within 500 feet of the Project site. Weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (September 15).

If you have any questions regarding the contents of this letter report, please contact me at (714) 648-0630 or lsimpson@ecorpconsulting.com.

SIGNED: 
 Lauren Simpson
 Staff Biologist
 ECORP Consulting, Inc.
 2861 Pullman Street
 Santa Ana, CA 92705

DATE: August 31, 2022

² ECORP Consulting, Inc (ECORP). 2019. Nesting Bird Management Plan, Devil's Gate Reservoir Restoration Project, Los Angeles County, California. Prepared for the Los Angeles Department of Public Works, Water Resource Division. March 2019.

Attachments:

Attachment A: Survey Datasheets

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 07/06/2022 11:28 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	61°F	2-4 MPH	90 %
End of Day	10:00	68 °F	2-4 MPH	80 %

Date Observed

July 6, 2022

Observer Name

Other

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

N/A

Additional Notes

Two crews working today - The bio monitors haven't seen/heard LBVI

Incidental Species Observed

SCJA CAKI MODO ALHU COHA RTHA HOFI NRSA GREG AMCR Western toad SOSP ACWO LASP BEWR
ANHU BLHE MALL KILL CA ground squirrel SPTO Western swallowtail

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 07/14/2022 8:22 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	58°F	0-2 MPH	95 %
End of Day	10:00	72 °F	2-4 MPH	40 %

Date Observed

July 13, 2022

Observer Name

Other

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

N/A

Additional Notes

Incidental Species Observed

SCJA HOFI LEGO BUSH NOMO CATH CATO ANHU ACWO AMCR MODO COYE Squirrel Cottontail BLPH
CAKI Coyote CAQU YEWA RSHA NRSW ALHU RTHA BGGN WAVI BEWR AMRO Side blotched lizard
Western fence lizard Western toad Cabbage white

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 07/19/2022 12:53 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:13	69°F	0-1 MPH	0 %
End of Day	09:40	82 °F	2-4 MPH	0 %

Date Observed

July 19, 2022

Observer Name

Other

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

N/A

Additional Notes

Maintenance activities / weed removal continues to occur in some portions of the project site.

Incidental Species Observed

CAQU MODO ANHU BUSH SCJA LEGO RTH SPTO ALHU WEKI LASP SOSP BEWR CATH ACWO AMCR
COHA NRSW YEWA Parrot OATI AMRO BHGR ROPI Western swallowtail Western toad Western fence lizard
Sideblotchwd lizard Cottontail Ground squirrel Coastal whiptail Cabbage white

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 07/26/2022 2:42 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70°F	0-1 MPH	10 %
End of Day	12:00	88 °F	2-4 MPH	0 %

Date Observed

July 26, 2022

Observer Name

Other

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

N/A

Additional Notes

Project Protected bird species preconstruction survey part 1 was performed concurrently with the LBVI weekly survey today.

Incidental Species Observed

EUCD HOFI ALHU ACWO CAQU Parrots SCJA AMCR ANHU COHA* NRWS BUSH WEKI RSHA Western toad
Western fence lizard Baja California tree frog LEGO MODO NOMO SOSP CATH EUST CAGE SPTO YEWA
California Squirrel Cottontail Cabbage white Butterfly Coyote BLPH CORA Western swallowtail butterfly