

July 6, 2020
(2018-047.019)

Mr. Mark Gim
Los Angeles County Public Works
Stormwater Engineering Division
Via Email: Tgim@dpw.lacounty.gov

Subject: Least Bell's Vireo Preconstruction Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Mr. Gim,

This letter report has been prepared to present the results of preconstruction surveys for least Bell's Vireo (*Vireo bellii pusillus*) conducted 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 preconstruction surveys for least Bell's vireo were conducted to comply with Condition 7.3.2 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:

"The Designated Biologist(s) shall begin surveys 30 days before Covered Activities begin (or after a substantial break in construction monitoring) and shall continue on a weekly basis with one (1) survey conducted no more than (3) days prior to initiation of Covered Activities."

In addition, the surveys were conducted to comply with Conservation Measure 11a of the Informal Section 7 Consultation (Section 7) No. FWS-LA-14B0081-15I0477 for the Project, which states:

"Surveys by the biological monitor will be conducted a minimum of three times on separate days to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities within 300 feet of the project area. These surveys will be conducted within the week prior to the initiation of project activities. One survey will be conducted the day immediately prior to the initiation of project activities. If no nests, nesting behavior, or brood rearing activities are detected within 300 feet of the project area, work may commence."

SURVEY METHODS

Preconstruction surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.2 and Section 7 Conservation Measure CM 11a for Project activities that are to occur during the vireo's breeding season. 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 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

Preconstruction least Bell's vireo surveys began on March 16, 2020, 30 days prior to the originally scheduled start of Project activities which was planned for April 16, 2020. Surveys continued weekly, with three surveys occurring during the week prior to the start of Project activities and the final survey occurring the day prior to the start of Project activities. Due to several iterations of postponement of the official start date of Project activities, a total of 18 preconstruction least Bell's vireo surveys were conducted between March 16 and May 19, 2020. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist. The dates, personnel, and weather conditions for each survey are presented in Table 1. 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
03/16/20	TD	0655	1030	55	59	80	70	0-1	4-6
03/25/20	TD	0645	1040	51	60	85	60	0-1	0-3
04/02/20	TD	0715	1100	61	65	75	70	0-1	0-2
04/10/20	JC	0710	0942	48	48	100	100	1-3	0
04/13/20	CT	0650	1100	59	57	75	100	0-1	0-2
04/16/20	JC	0715	1010	52	66	0	0	0	0
04/17/20	JC	0705	1001	54	57	100	100	0	0
04/20/20	JC	0715	1030	54	61	100	100	0	1-3
04/23/20	JC	0700	0940	61	73	20	5	0	1-3
04/27/20	JC	0715	1000	59	73	0	0	0	1-3
04/29/20	JC	0715	1000	63	68	50	50	0	1-3
05/05/20	CT	0615	1028	61	82	0	0	1-2	1-2
05/07/20	SS	0600	1056	64	79	20	10	0-1	1-3
05/11/20	SS	0610	1041	61	74	100	30	1-3	1-3
05/12/20	JC	0700	1045	55	66	40	95	0	1-3
05/15/20	SS	0608	1219	55	83	100	100	1-3	1-3
05/18/20	JC	0710	0945	63	63	100	100	1-3	1-3
05/19/20	JC	0705	1015	55	63	10	35	1-3	1-3

* JC = Jill Coumoutso, TD = Taylor Dee, SS = Shannan Shaffer, LS = Lauren Simpson, CT = Christine Tischer

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.

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.

No least Bell's vireos were detected or observed during the first 13 focused preconstruction surveys between March 16 and May 7, 2020. Least Bell's vireo was detected during the remaining five focused preconstruction surveys between May 11 and 19, 2020.

A single male least Bell's vireo was documented incidentally by the ECORP restoration monitor on April 30, 2020. The male sang two complete songs before quickly leaving the area and was not detected for the remainder of the day. On May 8, 2020, a single male least Bell's vireo was documented incidentally by the ECORP restoration monitor. The male was observed consistently singing in the on-site restoration area throughout the morning. The restoration monitor ensured that no restoration work occurred within 300 feet of the observation.

On May 11, 2020, the least Bell's vireo Designated Biologist documented a pair of least Bell's vireo during the focused preconstruction survey. The observation was in the same area as the May 8 observation. The pair was observed foraging together and the male was observed singing.

On May 12, 2020, the least Bell's vireo Designated Biologist documented nest-building activities by the pair during the focused preconstruction survey. The nest was located in a mule fat (*Baccharis salicifolia*) shrub approximately 475 to 500 feet from the Project sediment removal area boundary but within the current onsite restoration areas. A 300-foot no-work buffer was established around this nest location with flagging and Environmentally Sensitive Area "ESA" signage. The no-work buffer was enforced by the Designated Biologist performing full-time daily monitoring for the restoration crew to ensure that the buffer was not encroached during restoration activities. No construction-related activities had the potential to occur within the buffer.

The least Bell's vireo pair was consistently observed during subsequent focused preconstruction surveys by least Bell's vireo Designated Biologists on May 15, 18, and 19, 2020. The least Bell's vireo Designated Biologists mapped the territory of the pair. The pair was documented foraging together and the male was documented singing within and along the edges of the territory. A figure depicting the location of the least Bell's vireo nest and territory is provided in Attachment B.

No other observations of least Bell's vireo were documented elsewhere on the Project site during preconstruction surveys.

Five brown-headed cowbird (*Molothrus ater*) individuals (one female, four males) were detected outside of brown-headed cowbird traps during the preconstruction surveys.

A complete list of all birds and other wildlife observed during the preconstruction surveys is provided in Attachment C.

DISCUSSION

A single breeding pair of least Bell's vireos was documented within 500 feet of the Project site during preconstruction surveys conducted during the 2020 breeding season prior to the start of Project activities on May 20, 2020. As of May 19, 2020, the pair was observed engaging in nest-building activities. As of June 12, 2020, the nest had successfully fledged as determined by the surveying Designated Biologist and the fledglings were being fed by the pair adjacent to the nest location. A 300-foot no-work buffer was established around the nest location and enforced by Designated Biologists. No construction-related activities occurred or had the potential to occur within the buffer. The 300-foot buffer will remain in place around the nesting location until the nest has fledged, the fledglings are independent of the pair, and no additional signs of nesting are observed by the Designated Biologist. No other observations of least Bell's vireo were documented elsewhere on the Project site during the focused least Bell's vireo preconstruction surveys.

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: July 6, 2020

Attachments:

Attachment A: Survey Datasheets

Attachment B: Figure 1. Least Bell's Vireo Nest and Territory Location

Attachment C: Wildlife Species Observed

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Taylor Dee

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:55	55°F	0-1 MPH	80 %
End of Day	10:30	59 °F	4-6 MPH	70 %

Date Observed

03/16/2020

Observer Name

Taylor Dee

Number of Cowbird Individuals

0

Locations

N/A

Other Sensitive Species Observations

N/A

Incidental Species Observed

TUVU,BUSH,SOSP,BEWR,WCSP,DEJU,RSHA,ANHU,WREN,ACWO,COYE,desert cottontail, parrot sp., CA ground squirrel,HOFI,coyote,CASJ,CALT,AMCR,RCKI,EUST,YRWA,SPTO,BLPH,NUWO,LEGO,HOWR,CAQU,BGGN,MAL L,NOMO,CAGO,CATH,ALHU,OCWA

Additional Notes

A pair of RSHA observed mating at top of willow tree west of project area. No nest was observed.

Log Completed?

Yes

Were Least Bell's Vireo Observed

No

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Taylor Dee

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	51°F	0-1 MPH	85 %
End of Day	10:40	60 °F	0-3 MPH	60 %

Date Observed

03/25/2020

Observer Name

Taylor Dee

Number of Cowbird Individuals

0

Locations

N/A

Other Sensitive Species Observations

N/A

Incidental Species Observed

LISP, TUVU, WTSW, western fence

lizard, CALT, BEWR, CAQU, MODO, CASJ, SOSP, HOFI, RCKI, RSHA, CAGO, ACWO, BUSH, parrot

coyote, HUVI, OATI, NUWO, WEBL, ANHU, BBGN, SPTO, WCSP, AMCR, CORA, AMGO, DEJU, EUST, GREG, YRWA, NR
WS, BLPH, KILL, MALL, LEGO, ALHU, CAKI, HETH, COHA, CA ground squirrel

Additional Notes

Identified BUSH (BUSH-03) nest on west of project area. Estbalished 50-foot no work buffer in the field.

Log Completed?

Yes

Were Least Bell's Vireo Observed

No

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Taylor Dee

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:15	61°F	0-1 MPH	75 %
End of Day	11:00	65 °F	0-2 MPH	70 %

Date Observed

04/02/2020

Observer Name

Taylor Dee

Number of Cowbird Individuals

0

Locations

N/a

Other Sensitive Species Observations

N/A

Incidental Species Observed

MODO, ACWO, ANHU, BEWR, CASJ, WCSP, western fence lizard, AMGO, KILL, SOSOP, parrot sp., COYE, SPTO, NUWO, WREN, WTSW, MALL, YRWA, CATH, BLPH, CALT, CAQU, BUSH, NRWS, LEGO, OCWA, HOFI, LISP, EUST, RCKI, California ground squirrel, desert cottontail, ALHU, COHA, BEWR, HOWR, AMCR, WEBL, RTHA, CAKI, PSFL

Additional Notes

N/A

Log Completed?

Yes

Were Least Bell's Vireo Observed

No

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:10	48°F	1-3 MPH	100 %
End of Day	09:42	48 °F	0 MPH	100 %

Date Observed

04/10/2020

Observer Name

Jill Coumoutso

Number of Cowbird Individuals

0

Locations

N/A

Other Sensitive Species Observations

YEWA

Incidental Species Observed

OCWA AMCR BEWR CALT YRWA BHGR WCSP MODO SOSP HUVI RCKI SPTO DEJU PSFL BUSH ANHU
HOWR NUWO YEWA CAJA BLPH HOFI ACWO CATH LISP BGGN CAGO MALL CAQU COYE Red crowned parrot
Baja California tree frog Desert cottontail

Additional Notes

N/A

Log Completed?

Yes

Were Least Bell's Vireo Observed

No

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Christine Tischer

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	59°F	0-1 MPH	75 %
End of Day	11:00	57 °F	0-2 MPH	100 %

Date Observed

04/13/2020

Observer Name

Christine Tischer

Number of Cowbird Individuals

4

Locations

Pair flew over from east to west just south of disc golf parking lot. 2 males sitting 100' apart on high tension lines near horse stables. Only 1 male in BHCO trap by stable, no BHCO in trap at south end.

Other Sensitive Species Observations

YEWA

Incidental Species Observed

3 singing male YEWA, HOWR, ACWO, COYE, CAQU, CALT, CATH, BUSH, SOSP, ANHU BEWR, BGGN, MODO, BHGR, YRWA, WCSP, EUST, WIWA, AMCR, KILL, CASJ, HOFI, LEGO, PUFU, MALL, WTSW, CLSW, NRWS, NUWO, PSFL, BLPH, BTPI, HOOR, RNDU, GREG, RUDU, ROPI, CORA, ATFL, SPTO, ALHU, OCWA, RSHA, WAVI, parrots, cottontail, bobcat, fox squirrel, CA ground squirrel, painted lady.

Additional Notes

BHCO and YWAR GPS locations recorded on Collector 2020 LBVI map.

Log Completed?

Yes

Were Least Bell's Vireo Observed

No

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:15	52°F	0 MPH	0 %
End of Day	10:10	66 °F	0 MPH	0 %

Date Observed

04/16/2020

Observer Name

Jill Coumoutso

Number of Cowbird Individuals

0

Locations

N/A

Other Sensitive Species Observations

YEWA

Incidental Species Observed

BEWR BHGR SPTO CALT OCWA BUSH SOSP ANHU NUWO RCKI HUVI PSFL CORA YRWA YEWA CASJ BTGW
OATI CATH HOFI ACWO WCSP CAQU ANHU ALHU BGGN COHA ATFL Red-crowned parrot Desert Cottontail CA
ground Squirrel Western fence lizard

Additional Notes

N/A

Log Completed?

Yes

Were Least Bell's Vireo Observed

No

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:05	54°F	0 MPH	100 %
End of Day	10:01	57 °F	0 MPH	100 %

Date Observed

04/17/2020

Observer Name

Jill Coumoutso

Number of Cowbird Individuals

0

Locations

N/A

Other Sensitive Species Observations

YEWA

Incidental Species Observed

WEBL BLPH BHGR HOWR SPTO BUSH RSHA SOSP BEWR DEJU YEWA NUWO NAWA OCWA PSFL ANHU
COYE KILL BGGN HUVI WAVI CALT HOFI NRWS ATFL LEGO CATH LCSP WCSP CAJA ALHU WEWP CAQU
CANG CORA MODO WBNU CA ground squirrel Red-crowned parrot Broad-footed mole

Additional Notes

N/A

Log Completed?

Yes

Were Least Bell's Vireo Observed

No

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:15	54°F	0 MPH	100 %
End of Day	10:30	61 °F	1-3 MPH	100 %

Date Observed

04/20/2020

Observer Name

Jill Coumoutso

Number of Cowbird Individuals

1

Locations

391732E 3784027N

Other Sensitive Species Observations

YEWA

Incidental Species Observed

SPTO ANHU CALT HOFI BEWR BLPH HUVI CAQU SOSP HOWR WREN COYE PSFL BTGW ACWO LAGO CASJ
YRWA MODO LISP OCWA ATFL BGGN LEGO CATH BHCO NUWO WIWA BHGR CANG WBNU YEWA NAWA
CORA NOMO Red crowned parrot Coyote CA ground squirrel Desert Cottontail

Additional Notes

N/A

Log Completed?

Yes

Were Least Bell's Vireo Observed

No

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	61°F	0 MPH	20 %
End of Day	09:40	73 °F	1-3 MPH	5 %

Date Observed

04/23/2020

Observer Name

Jill Coumoutso

Number of Cowbird Individuals

0

Locations

N/A

Other Sensitive Species Observations

YEWA

Incidental Species Observed

ACWO CALT YEWA ANHU BHGR CAJA CAQU ECDO WAVI BUSH PSFL CAGO WBNU NUWO HOWR WIWA
ATFL MODO CORA HUVI LEGO WREN BGGN WEKI SOSP SPTO COYE OCWA BUOR CATH BEWR CHSP
WEBL Western Fence Lizard Side-blotched lizard Red-crowned parrot Desert Cottontail California ground squirrel

Additional Notes

N/A

Log Completed?

Yes

Were Least Bell's Vireo Observed

No

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:15	59°F	0 MPH	0 %
End of Day	10:00	73 °F	1-3 MPH	0 %

Date Observed

04/27/2020

Observer Name

Jill Coumoutso

Number of Cowbird Individuals

0

Locations

N/A

Other Sensitive Species Observations

N/A

Incidental Species Observed

MODO PSFL ACWO NUWO BEWR NRWS COYE ALHU CATH CAJA WEKI Coyote WREN Desert cottontail HOWR
California ground squirrel LEGO Red-crowned parrot BUSH WAVI CAQU CORA KILL HOFI HUVI BLPH ANHU
CALT SOSP BHGR SPTO DEJU PSFL Western fence lizard

Additional Notes

N/A

Log Completed?

Yes

Were Least Bell's Vireo Observed

No

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:15	63°F	0 MPH	50 %
End of Day	10:00	68 °F	1-3 MPH	50 %

Date Observed

04/29/2020

Observer Name

Jill Coumoutso

Number of Cowbird Individuals

0

Locations

N/A

Other Sensitive Species Observations

YEWA

Incidental Species Observed

BHGR CALT HOWR BUSH LEGO SPTO YEWA WBNU COYE ACWO SOSP PSFL BEWR EUST ANHU NUWO
HUVI WREN CASJ CAQU MODO Red crowned parrot W. Fence lizard CA ground squirrel

Additional Notes

N/A

Log Completed?

Yes

Were Least Bell's Vireo Observed

No

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Christine Tischer

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	61°F	1-2 MPH	0 %
End of Day	10:28	82 °F	1-2 MPH	0 %

Date Observed

05/05/2020

Observer Name

Christine Tischer

Number of Cowbird Individuals

0

Locations

N/A

Other Sensitive Species Observations

YEWA

Incidental Species Observed

CAQU, ACWO, BEWR, BHGR, HOFI, CALT, NUWO, RUHU, CATH, WREN, SOSP, ANHU, ATFL, COYE, LEGO, CASJ, WAVI, WIWA, CAKI, BUSH, MODO, EUST, COHA, CORA, KILL, MALL, WTSW, YEWA, ALHU, PSFL, HOWR, parrot, Syl aud, W. tiger swallowtail, painted lady, Uta sta, Sce occ

Additional Notes

Tire washout has been covered to deter BLPH from nesting.

Log Completed?

Yes

Were Least Bell's Vireo Observed

No

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shannan Shaffer

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	64°F	0-1 MPH	20 %
End of Day	10:56	79 °F	1-3 MPH	10 %

Date Observed

05/07/2020

Observer Name

Shannan Shaffer

Number of Cowbird Individuals

0

Locations

N/A

Other Sensitive Species Observations

YEWA

Incidental Species Observed

CALT, SPTO, HOFI, COHA, LEGO, NOMO, ANHU, BHGR, YEWA, ALHU, CORA, CASJ, BLPH, , CAQU, ACWO, BEWR, COYE, BUSH, BUOR, MODO, KILL, NRWS

Additional Notes

N/A

Log Completed?

Yes

Were Least Bell's Vireo Observed

No

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shannan Shaffer

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	61°F	1-3 MPH	100 %
End of Day	10:41	74 °F	1-3 MPH	30 %

Date Observed

05/11/2020

Observer Name

Shannan Shaffer

Number of Cowbird Individuals

0

Locations

N/A

Other Sensitive Species Observations

YEWA

Incidental Species Observed

KILL, BUSH, CALT, SOSP, CASJ, BLPH, COYE, green parrots, HOFI, CAQU, ANHU, SPTO, NOMO, RTHA, MODO, NRWS, BHGR, ACWO, ALHU, AMGO, CORA, YEWA, western whiptail, western fence lizard, desert cottontail, CA ground squirrel

Additional Notes

heard male LBVI singing in dense vegetation in willows and mulefat along bottom of drainage. LBVI stayed primarily on the opposite side of willows from viewing location and only briefly observed and unable to detect female.

Log Completed?

Yes

Were Least Bell's Vireo Observed

Yes

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	55°F	0 MPH	40 %
End of Day	10:45	66 °F	1-3 MPH	95 %

Date Observed

05/12/2020

Observer Name

Jill Coumoutso

Number of Cowbird Individuals

0

Locations

N/A

Other Sensitive Species Observations

YEWA

Incidental Species Observed

BUSH CAQU HOWR HOFI COHA CALT LBVI SOSP MODO SPTO CASJ COYE BHGR YEWA OCWA NUWO
CATH PSFL BLPH OATI Coyote Desert Cottontail CA ground squirrel Western fence lizard

Additional Notes

LBVI Pair nest building, low in small mulefat surrounded by Hemlock and pepper weed/mustard

Log Completed?

Yes

Were Least Bell's Vireo Observed

Yes

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shannan Shaffer

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:08	55°F	1-3 MPH	100 %
End of Day	12:19	83 °F	1~3 MPH	100 %

Date Observed

05/15/2020

Observer Name

Shannan Shaffer

Number of Cowbird Individuals

0

Locations

N/A

Other Sensitive Species Observations

N/A

Incidental Species Observed

CASJ, BUSH, COHA, CALT, SPTO, COYE, RSHA, WREN, SOSP, NRWS, HOFI, MODO, LEGO, CORA, ANHU, BLPH, BUOP, CATH, NOMO, BHGR, ACWO, ALHU, SAPH

Additional Notes

pair observed in vicinity of nest. pair foraging together near nest site. male also observed near outer edges of territory.

Log Completed?

Yes

Were Least Bell's Vireo Observed

Yes

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:10	63°F	1-3 MPH	100 %
End of Day	09:45	63 °F	1-3 MPH	100 %

Date Observed

05/18/2020

Observer Name

Jill Coumoutso

Number of Cowbird Individuals

0

Locations

N/A

Other Sensitive Species Observations

YEWA

Incidental Species Observed

WIFL HOWR BEWR BUSH COYE CASJ SOSP LBVI SPTO CALT CAQU OATI BHGR ALHU SPTO BLPH OCWA
PSFL YEWA WEKI NRWS WREN

Additional Notes

Male singing and staying close to the nest area, and sang twice from nest vegetation. Female foraging near restoration area and scolded at me in this area twice. vicinity near nest in open area with large patch of hemlock and mustard and in restoration area SE of nest

Log Completed?

Yes

Were Least Bell's Vireo Observed

Yes

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	7:05	55°F	1-3 MPH	10 %
End of Day	10:15	63 °F	1-3 MPH	35 %

Date Observed

05/19/2020

Observer Name

Jill Coumoutso

Number of Cowbird Individuals

0

Locations

N/A

Other Sensitive Species Observations

YEWA

Incidental Species Observed

WIFL CALT ACWO HOWR BUSH SOSP SPTO CATH CAQU HOFI CASJ PSFL ATFL YEWA NUWO OCWA HUVI
RSHA MODO CORA BEWR MALL Red crowned Parrot W. Fence lizard CA ground squirrel

Additional Notes

Adult LBVI scolding a CASJ

Log Completed?

Yes

Were Least Bell's Vireo Observed

Yes

Figure 1. Least Bell's Vireo Nest and Territory Location

Location: N:\2014\2014-003_008 Devils Gate Mitigation Plan\MapStos_and_mitigation_monitoring\2020\DC_LBVI_monitoring_20200528.mxd (MAG)-mguidry 5/28/2020

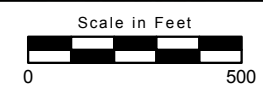
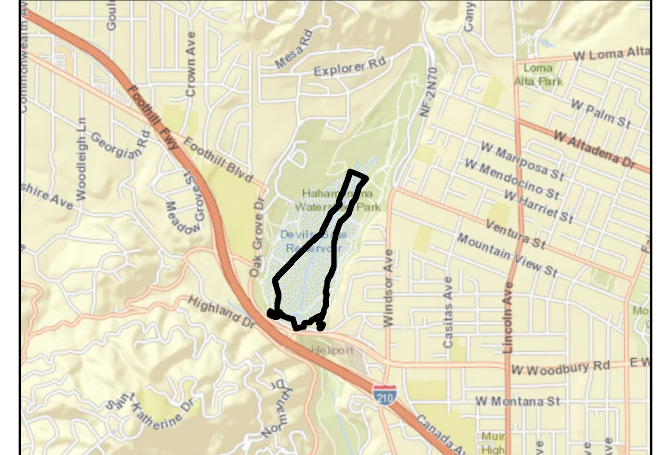


Figure 1.
Least Bell's Vireo Nest and Territory Location

Map Features

-  Initial Project Footprint
-  Initial Project Footprint 500' Buffer
-  Least Bell's Vireo Nest
-  Least Bell's Vireo Territory
-  Least Bell's Vireo Nest 300' Buffer

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Wildlife Species Observed

Scientific Name	Common Name
INSECTS	
Nymphalidae	Butterflies
<i>Vanessa cardui</i>	painted lady
Papilionidae	Swallowtail Butterflies
<i>Papilio rutulus</i>	western tiger swallowtail
REPTILES	
Phrynosomatidae	Spiny Lizards
<i>Sceloporus occidentalis</i>	western fence lizard
<i>Uta stansburiana</i>	common side-blotched lizard
Teiidae	Whiptails and Racerunners
<i>Aspidoscelis tigris stejnegeri**</i>	coastal whiptail
AMPHIBIANS	
Hylidae	New World Tree Frogs
<i>Pseudacris hypochondriaca</i>	Baja California tree frog
BIRDS	
Accipitridae	Hawks
<i>Accipiter cooperii</i>	Cooper's hawk
<i>Buteo jamaicensis</i>	red-tailed hawk
<i>Buteo lineatus</i>	red-shouldered hawk
Aegithalidae	Bushtits
<i>Psaltriparus minimus</i>	bushtit
Anatidae	Ducks, Geese, and Swans
<i>Anas platyrhynchos</i>	mallard
<i>Anhinga collaris</i>	ring-necked duck
<i>Branta canadensis</i>	Canada goose
<i>Oxyura jamaicensis</i>	ruddy duck
Apodidae	Swifts
<i>Aeronautes saxatalis</i>	white-throated swift
Ardeidae	Bitterns, Egrets, and Herons
<i>Ardea alba</i>	great egret
Cardinalidae	Cardinals
<i>Pheucticus melanocephalus</i>	black-headed grosbeak
Cathartidae	Vultures
<i>Cathartes aura</i>	turkey vulture
Charadriidae	Plovers, Dotterels, and Lapwings
<i>Charadrius vociferus</i>	killdeer
Columbidae	Pigeons and Doves
<i>Columba livia*</i>	rock pigeon
<i>Patagioenas fasciata</i>	band-tailed pigeon
<i>Streptopelia decaocto*</i>	Eurasian collared dove

Scientific Name	Common Name
<i>Zenaidura macroura</i>	mourning dove
Corvidae	Jays and Crows
<i>Aphelocoma californica</i>	California scrub-jay
<i>Corvus brachyrhynchos</i>	American crow
<i>Corvus corax</i>	common raven
Fringillidae	Finches
<i>Haemorhous mexicanus</i>	house finch
<i>Haemorhous purpureus</i>	purple finch
<i>Spinus lawrencei</i>	Lawrence's goldfinch
<i>Spinus psaltria</i>	lesser goldfinch
<i>Spinus tristis</i>	American goldfinch
Hirundinidae	Swallows
<i>Petrochelidon pyrrhonota</i>	cliff swallow
<i>Stelgidopteryx serripennis</i>	northern rough-winged swallow
Icteridae	New World Blackbirds
<i>Icterus bullockii</i>	Bullock's oriole
<i>Icterus cucullatus</i>	hooded oriole
<i>Molothrus ater</i>	brown-headed cowbird
Mimidae	Mockingbirds and Thrashers
<i>Mimus polyglottos</i>	northern mockingbird
<i>Toxostoma redivivum</i>	California thrasher
Odontophoridae	Quails and Partridges
<i>Callipepla californica</i>	California quail
Paradoxornithidae	Wrentits
<i>Chamaea fasciata</i>	wrentit
Paridae	Titmice
<i>Baeolophus inornatus</i>	oak titmouse
Parulidae	Wood-warblers
<i>Cardellina pusilla</i>	Wilson's warbler
<i>Geothlypis trichas</i>	common yellowthroat
<i>Leiothlypis ruficapilla</i>	Nashville warbler
<i>Oreothlypis celata</i>	orange-crowned warbler
<i>Setophaga coronata</i>	yellow-rumped warbler
<i>Setophaga nigrescens</i>	black-throated gray warbler
<i>Setophaga petechia**</i>	yellow warbler
Passerellidae (previously Emberizidae)	Sparrows and Towhees
<i>Ammodramus leconteii</i>	Le Conte's sparrow
<i>Junco hyemalis</i>	dark-eyed junco
<i>Melospiza lincolni</i>	Lincoln's sparrow
<i>Melospiza melodia</i>	song sparrow
<i>Melospiza crissalis</i>	California towhee
<i>Pipilo maculatus</i>	spotted towhee
<i>Spizella passerina</i>	chipping sparrow
<i>Zonotrichia leucophrys</i>	white-crowned sparrow
Picidae	Woodpeckers

Scientific Name	Common Name
<i>Picoides nuttallii</i>	Nuttall's woodpecker
<i>Melanerpes formicivorus</i>	acorn woodpecker
Poplioptilidae (previously Silviidae)	Gnatcatchers
<i>Poliophtila caerulea</i>	blue-gray gnatcatcher
Psittacidae	Old World Parrots
<i>Amazona</i> sp.*	parrot sp.
<i>Amazona viridigenalis</i> *	red-crowned parrot
Regulidae	Kinglets
<i>Regulus calendula</i>	ruby-crowned kinglet
Sittidae	Nuthatches
<i>Sitta carolinensis</i>	white-breasted nuthatch
Sturnidae	Starlings
<i>Sturnus vulgaris</i> *	European starling
Trochilidae	Hummingbirds
<i>Calypte anna</i>	Anna's hummingbird
<i>Selasphorus rufus</i>	Rufous hummingbird
<i>Selasphorus sasin</i>	Allen's hummingbird
Troglodytidae	Wrens
<i>Thryomanes bewickii</i>	Bewick's Wren
<i>Troglodytes aedon</i>	house wren
Turdidae	Thrushes
<i>Catharus guttatus</i>	hermit thrush
<i>Sialia mexicana</i>	western bluebird
Tyrannidae	Tyrant Flycatchers
<i>Contopus sordidulus</i>	western wood-pewee
<i>Empidonax difficilis</i>	Pacific-slope flycatcher
<i>Empidonax traillii</i>	willow flycatcher
<i>Myiarchus cinerascens</i>	ash-throated flycatcher
<i>Sayornis nigricans</i>	black phoebe
<i>Sayornis saya</i>	Say's phoebe
<i>Tyrannus verticalis</i>	western kingbird
<i>Tyrannus vociferans</i>	Cassin's kingbird
Vireonidae	Vireos
<i>Vireo bellii pusillus</i> ***	least Bell's vireo
<i>Vireo gilvus</i>	warbling vireo
<i>Vireo huttoni</i>	Hutton's vireo
MAMMALS	
Canidae	Dogs, Wolves, and Foxes
<i>Canis latrans</i>	coyote
Felidae	Cats
<i>Lynx rufus</i>	bobcat
Leporidae	Hares and Rabbits
<i>Sylvilagus audubonii</i>	desert cottontail
Sciuridae	Squirrels
<i>Otospermophilus beecheyi</i>	California ground squirrel

Scientific Name	Common Name
<i>Sciurus niger</i>	eastern fox squirrel
Talpidae	Desmans, Moles, and Shrew-moles
<i>Scapanus latimanus</i>	broad-footed mole

*Nonnative species

**CDFW California Species of Special Concern/CDFW Fully Protected Species

*** Federally and/or State-Listed Endangered or Threatened Species