

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kent Hughes
Date of Log: Apr 1, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	43 °F	0-3 MPH	0 %
End of Day	15:30	64 °F	0-3 MPH	33 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

5 persons clearing weeds

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

California towhee, common raven, parrots, white-crowned sparrow, Say's phoebe, California thrasher

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Monitored weed clearance, no corrective actions needed

Additional Comments

Signature





Crew clearing weeds.jpg
-118.17291 34.19385



Crew clearing planted area of invasive plants.jpg
-118.17295 34.19342

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kent Hughes
Date of Log: Apr 2, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	42 °F	0-3 MPH	15 %
End of Day	15:30	60 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Vegetation clearing

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

California towhee, common raven, Say's phoebe, California thrasher, California scrub jay, parrots, house finch, California quail, song sparrow

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Monitored weed clearance, no corrective actions needed

Additional Comments

Signature





photo_1-Crew clearing weeds.jpg
-118.17278 34.19371



photo_2-Crew clearing non-native vegetation.jpg
-118.17268 34.19374

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kent Hughes
Date of Log: Apr 3, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	47 °F	0-3 MPH	0 %
End of Day	15:30	82 °F	0-3 MPH	6 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

California towhee, parrots, California thrasher, white-crowned sparrow, Canada goose, California scrub jay, song sparrow

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Monitored weed clearance, no corrective actions needed

Additional Comments

N/A

Signature





Clearing crew at work.jpg
-118.17292 34.19376



Crew removing non-native vegetation.jpg
-118.17288 34.19359

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Max Murray
Date of Log: Apr 7, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	08:16	48 °F	0-3 MPH	100 %
End of Day	12:50	63 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing (weeding in the restoration area) 2. Hand tools and hand pulling (hula hoe, spade, and pick) and one gas-powered steamer. 3. Natures Image restoration crew consisting of Ron Crawford (foreman) and 10 laborers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

YRWA, CALT, CAQU, CORA, BLPH, HOFI, COYE, LEGO, SOSP, WCSP, EUST, CASJ, NOMO, ACWO, SPTO, BGGN, CANG, ANHU, ALHU, RSHA, RTHA, HOWR, BEWR, GREG, NUWO, Dryobates sp., CATH, COHA, WEKI, KILL, MODO, Western fence lizard, TUVU, AMCR, HOOR, MALL, BUSH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 - arrive on site 0700 - WEEP training 0715 - pre-construction clearance of north side of DG-4 0730 - begin monitoring restoration crew 0830 - steamer begins steaming non-native vegetation 1245 - end monitoring

Additional Comments

Light rain on and off throughout the day.

Signature





Vegetation_clearing_before_facingSE.jpg
-118.1722 34.19531



Vegetation_clearing_steamer_during_facingE.jpg
-118.17299 34.19327



Vegetation_clearing_after_facingNE.jpg
-118.17246 34.19509

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Max Murray
Date of Log: Apr 8, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:35	47 °F	0-3 MPH	90 %
End of Day	12:40	56 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing within restoration area DG-4. 2. Hand tools (shovels, hoes, and picks) and a gas powered steamer 3. Natures Image crew consisted of a foreman (Ron Crawford) and ten laborers

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, COYE, YRWA, BEWR, ACWO, CAQU, WCSP, HOWR, CATH, SOSP, ANHU, RCKI, EUST, KILL, WEBL, CASJ, BGGN, HOFI, LEGO, CORA, AMCR, NOMO, DEJU, TUVU, MALL, COHA, NOFL, NUWO, RCPA, AWPE, coyote, CAGU, RBGU, WEGU, GBHE, GREG, CANG, NRWS, RTHA, MODO, WTSW, WILW

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 - arrive onsite 0650 - begin pre-construction clearance 0715 - WEEP training 0720 - begin monitoring 1240 - end monitoring

Additional Comments

N/A

Signature





Vegetation_clearing_before_facingE.jpg
-118.1723 34.19473



Vegetation_clearing_before_facingE.jpg
-118.17271 34.19386



Vegetation_clearing_after_facingNE.jpg
-118.17242 34.19369



Vegetation_clearing_after_facingE.jpg
-118.17221 34.19481

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kent Hughes
Date of Log: Apr 13, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	47 °F	0-3 MPH	10 %
End of Day	15:30	67 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

3 persons clearing non-native species (weeds) from planted areas

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

California towhee, song sparrow, Say's phoebe, Anna's hummingbird, Canada goose

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Monitored weed clearance, no corrective actions needed

Additional Comments

Signature





Crew clearing weeds from restoration area.jpg
-117.70867 34.09312



Another view of crew working removing weeds.jpg
-117.70868 34.09306

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kent Hughes
Date of Log: Apr 14, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	42 °F	0-3 MPH	0 %
End of Day	15:30	74 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Vegetation clearing

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

California towhee, California thrasher, California scrub jay, parrots, house finch, song sparrow, bobcat

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Monitored weed clearance, no corrective actions needed

Additional Comments

Signature





photo_1-Crew clearing vegetation.jpg
-118.1725 34.19403



photo_2- Crew removing weeds.jpg
-118.17209 34.19374

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kent Hughes
Date of Log: Apr 15, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	56 °F	0-3 MPH	100 %
End of Day	15:30	64 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

5 persons clearing weeds and debris from area DG-3A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

California towhee, common raven, parrots, white-crowned sparrow, Say's phoebe, California thrasher, black-headed grosbeak

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Monitored weed clearance, no corrective actions needed

Additional Comments

Signature





Area cleared of weeds by steam treatment 4 weeks previously.jpg
-117.70871 34.09306



Area cleared of weeds by hand 2 days previously.jpg
-117.70871 34.09306

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kent Hughes
Date of Log: Apr 16, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	43 °F	0-3 MPH	0 %
End of Day	15:30	74 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

5 persons clearing weeds

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

California towhee, common raven, parrots, California thrasher, white-crowned sparrow, acorn woodpecker, yellow-rumped warbler

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Monitored weed clearance, no corrective actions needed

Additional Comments

N/A

Signature





photo_1- Clearance crew at work.jpg
-118.17281 34.19368



photo_2-Crew removing non-native invasive plant species from planted restoration area.jpg
-118.17297 34.1935

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kent Hughes
Date of Log: Apr 17, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	52 °F	0-3 MPH	100 %
End of Day	15:30	74 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

5 persons clearing weeds

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

California towhee, common raven, parrots, California thrasher, white-crowned sparrow, acorn woodpecker, yellow-rumped warbler

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Monitored weed clearance, no corrective actions needed

Additional Comments

N/A

Signature





photo_1-Crew clearing weeds.jpg
-118.17314 34.19371



photo_2-Again crew clearing weeds.jpg
-118.17311 34.19366

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kent Hughes
Date of Log: Apr 20, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	56 °F	0-3 MPH	100 %
End of Day	15:30	64 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

5 persons clearing weeds and debris from area DG-3A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

California towhee, common raven, parrots, white-crowned sparrow, Say's phoebe, California thrasher, black-headed grosbeak

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Monitored weed clearance, no corrective actions needed

Additional Comments

Signature





Debris covering part of the DG-3A planted area.jpg
-118.17302 34.18773



View of extent of debris in DG-3A.jpg
-118.17361 34.18616



Another view of debris in DG-3A.jpg
-118.17334 34.18672



Crew working to remove debris from planted area.jpg
-118.17307 34.18738

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kent Hughes
Date of Log: Apr 21, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	55 °F	0-3 MPH	100 %
End of Day	15:30	72 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

5 persons clearing weeds and debris from area DG-3A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

California towhee, common raven, parrots, white-crowned sparrow, Say's phoebe, California thrasher, black-headed grosbeak

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Monitored weed and debris clearance, no corrective actions needed.

Additional Comments

Signature





Photo 1_Overview of debris flow DG-3A.jpg
-118.173157 34.186587



Photo 2_Southern debris flow area DG-3A.jpg
-118.17294 34.18701



Photo 3_Clearing an area for vehicle passage through debris deposit.jpg
-118.17293 34.18776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kent Hughes
Date of Log: Apr 22, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	51 °F	0-3 MPH	0 %
End of Day	15:30	79 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

7 persons clearing weeds and debris from area DG-3A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Yellow-rumped warbler, California towhee, common raven, parrots, white-crowned sparrow, Say's phoebe, spotted towhee

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Monitored weed and debris clearance, no corrective actions needed.

Additional Comments

Signature





Photo 1_Work area before.jpg
-118.17305 34.18777



Photo 2_Work area after clearing activities.jpg
-118.17299 34.18775



Photo 3_Work area and road after debris removal by DWP.jpg
-118.17301 34.18777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kent Hughes
Date of Log: Apr 23, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	54 °F	0-3 MPH	0 %
End of Day	15:30	79 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

7 persons clearing weeds and debris from area DG-3A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

California towhee, common raven, parrots, white-crowned sparrow, Say's phoebe, spotted towhee, song sparrow

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Monitored weed and debris clearance, no corrective actions needed.

Additional Comments

Signature





Photo 1_Crew clearing area of non-native plants.jpg
-118.17307 34.18753



Photo 2_Clearing weeds from one of the planted areas.jpg
-118.17337 34.1869



Photo 3_View of road cleared of debris.jpg
-118.1732 34.18721

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kent Hughes
Date of Log: Apr 24, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	61 °F	0-3 MPH	0 %
End of Day	15:30	82 °F	0-3 MPH	6 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration crew removing non-native vegetation in DG-3A with hand tools

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

California towhee, common raven, parrots, California quail, spotted towhee, song sparrow, unidentified raptor

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Monitored weed clearance, no corrective actions needed

Additional Comments

N/A

Signature





Photo 1_Crew clearing non-natives on slope.jpg
-118.17306 34.18742



Photo 2_Crew clearing weeds on slope.jpg
-118.17313 34.18727

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Brian Zitt
Date of Log: Apr 27, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	61 °F	0-3 MPH	0 %
End of Day	12:01	82 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Eight Natures Image employees working in DG-3 removing non-native vegetation using hand tools and pulling.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SOSP, CASJ, CALT, KILL, MALL, AMCO, NRWS, ANHU, CLSW, ACWO, HOFI, BLPH, EUST, MODO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0710 conducted a sweep of the work areas.

0725 monitored non-native vegetation removal in DG-3.

Additional Comments

N/A

Signature





Photo 1_DG-3_vegetation clearing_before_facingS.jpg
-118.17314 34.18721



Photo 2_DG-3_vegetation clearing_after_facingS.jpg
-118.17311 34.18723

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Brian Zitt
Date of Log: Apr 28, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	58 °F	0-3 MPH	0 %
End of Day	11:50	84 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image restoration crew (8 staff) working in DG-2B removing non-native vegetation by hand.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, MODO, CASJ, SOSP, ANHU, CALT, SPTO, MALL, ACWO, CLSW, desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0700 crew begin removing non-native vegetation in DG-2B

1130 crew split to take bagged vegetation to dumpster while remaining crew continued removing non-native vegetation.

Additional Comments

Signature





Non-native vegetation removal_DG-2B_facingNW.jpg
-118.17246 34.18835

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carley Lancaster
Date of Log: Apr 29, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	60 °F	0-3 MPH	70 %
End of Day	12:00	81 °F	0-3 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew used hand tools to remove non-native weeds in DG-2B. Crew consisted of two foremen (Ron Crawford and Marvin Sanchez) and six laborers. Target weeds included black mustard, poison hemlock, sweet yellow clover, black nightshade, and non-native grasses.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CASJ BEWR ANHU CALT SPTO ACWO CORA RTHA RSHA EUST BUSH LEGO HOFI RCSP WREN CATH KILL
SOSP MODO CLSW NRWS

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0700, biologist arrived on site and conducted pre-removal survey
0715, crew began removing weeds in DG-2B
1200, biologist conducted final sweep and left for the day.

Additional Comments

N/A

Signature





Photo 1_Weeding_DG-2B_during_facingNW.jpg
-118.17242 34.18887



Photo 2_Weeding_DG-2B_during_facingN.jpg
-118.17252 34.18866

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Christine Tischer
Date of Log: Apr 30, 2020

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	64 °F	0-3 MPH	0 %
End of Day	13:30	75 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

8 workers from the Natures Image crew hand weeding in DG-2

Did you observe any special-status species? Yes No

Least Bell's vireo, Yellow warbler

Were any least Bell's Vireo detected? Yes No

1 individual briefly heard to south and moving north along east edge of basin along project limits. Only sang 2 complete songs as it moved through the area. Quickly left. None heard or seen for the remainder of the day.

List of species observed while monitoring:

CASJ, CATH, BUSH, SOSP, CAQU, ANHU, BEWR, MODO, RSHA, WIWA, COYE, YEWA, LBVI, BGGN, CORA, parrots, California whipsnake, western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0700 conducted preclearance sweep and did not detect any new nests. Authorized crew to begin hand clearing.
0915 migrant LBVI briefly heard as it moved through area. Entered occurrence in Collector and notified Lauren.
1045 observed Bewick's wren entering hole 3 times throughout morning in old stick nest in oak tree north of where crew was working. Flagged a buffer and monitored to protect the nest that is assumed to be in building phase.
1100 Bewick's wren pair seen taking nesting material to underside of staged Arrowboard. Immediately notified Lauren, Mari (ECORP PM) and Mark Gim (LACPW) that board should be moved before nest is completed and eggs are laid.
1300 Griffith moved Arrowboards to tire wash.
1330 Crew completing already cleared area outside BEWR-4 buffer. Finished monitoring and departed from site.

Additional Comments

N/A

Signature





BEWR-4 buffer_facing N_DG-2A.jpg
-118.17197 34.18977