

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 1, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	57 °F	4-6 MPH	0 %
End of Day	13:30	81 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration monitoring

Construction Activity:

Natures Image crew of 6 digging with an excavator, digging trenches with shovels, fusing pipe and laying irrigation in DG-W-2.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, CALT, NUWO, NOFL, RCPA, CAQU, RCKI, ROPI, BLPH, MODO, WCSP, western fence lizard, CASJ, SPTO, ANHU, SOSP, WEKI, RTHA, San Diego alligator lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: found an ACWO nest in the parking lot near the dumpster. Took a few minutes to observe and get a point.

0655: performed a nesting bird survey in DG-W-2.

0705: crew began fusing pipe in DG-W-2. Monitored this.

0905: crew began digging a trench to bury a 2 inch pipe beneath a low flow channel.

1200: monitored use of an excavator in DG-W-2.

1210: relocated a juvenile San Diego alligator lizard off the worksite.

1320: crew began working on cleanup while I inspected the site.

Additional Comments

N/A

Signature





photo_1-trench_digging_DG-W-2_facingS.jpg
-118.17382 34.19351



photo_2-new_irrigation_DG-W-2_facingS.jpg
-118.17409 34.19354



photo_3-excavator_use_DG-W-2_facingE.jpg
-118.17418 34.1936



photo_4-digging_progress_DG-W-2_facingN.jpg
-118.17411 34.19346

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: April 1, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	45 °F	0-3 MPH	0 %
End of Day	15:15	85 °F	4-6 MPH	70 %

What Type of Monitoring is Being Conducted?

Restoration monitoring

Construction Activity:

Five Labor Finders workers and two Natures Image workers performing vegetation removal using hand held tools in DG-5. Daniel- Natures Image foreman

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RTHA, NUWO, COHA, MODO, SOSPO, OATI, RCPA, CASJ, CATH, YRWA, BLPH, BUSH, CORA, WCSP, NOFL, ACWO, RCKI, ANHU, CALT, BEWR, AMCR, HOWR, HOFI, LEGO, California ground squirrel, BGGN, WREN, WEBL, BUSH, CAQU, SPTO, CANG, ALHU, NOMO, EUST, WBNU, OCWA, WTSW, TUVU, HOWR, ALHU, coyote, STJA, BHGR, PUF1, western toad, western fence lizard, Botta's pocket gopher, WEKI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 biologist arrived onsite and met with crew. Crew worked in DG-5 using hand pulling/hand-held tools (non-mechanical) on non-natives, mostly in vegetative stage and some starting to flower (hemlock, mustard, Hordeum sp., Bromus spp., non-native grasses). Throughout the day, the biologist was searching for bird nest and breeding behavior. One new BUSH_10 observed. The biologist answered plant questions and gave guidance, pin flagging natives for avoidance. The crew tarped removed vegetation and delivered to dumpster. The biologist reminded the crew picked up their trash and the biologist completed report and left the site at 1515.

Additional Comments

I have heard that from the crew that there is a person who has German Shepard dogs that harass coyotes. There have been multiple observations of this.

Signature





Vegetation_clearing_during.jpg
-118.17679 34.19074



Vegetation_removal_during.jpg
-118.17645 34.19103

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 2, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	52 °F	4-6 MPH	0 %
End of Day	14:55	77 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration monitoring

Construction Activity:

Labor Finders crew of 6 hand pulling perennial pepperweed and mustard in DG-4B, Natures Image crew of 12 clearing poison hemlock, laying irrigation, digging with an excavator, and fusing pipe in DG-W-2 and DG-W-2 mining pit outlet.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, CAKI, CAQU, SOSPO, HOFI, BUSH, SPTO, CALT, CATH, ANHU, ACWO, western fence lizard, NOFL, CASJ, EUST, NUWO, California kingsnake

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: performed a nesting bird survey in DG-4B.

0655: cleared Labor Finders crew to begin vegetation clearing in DG-4B. Performed a nesting bird survey in DG-W-2.

0715: cleared Natures Image crew to begin clearing vegetation in DG-W-2. Monitored vegetation clearing in both DG-4B and DG-W-2.

0745: Natures Image crew began fusing pipe and laying irrigation in DG-W-2. Monitored this.

0900: 2 members of the Natures Image crew worked on digging a trench to submerge some 2 inch pipe, another crew member watered potted plants.

1010: a few Natures Image crew members began digging holes in DG-W-2.

1130: Labor Finders crew began working on cleanup.

1200: Labor Finders crew left for day, Natures Image crew working on vegetation clearing began working on cleanup. At this point, the rest of the crew was working on laying new irrigation and fusing pipes.

1300: monitored use of an excavator to dig holes in DG-W-2. Relocated a California kingsnake out of the work area.

1445: crew began working on cleanup while I inspected the site.

Additional Comments

N/A

Signature





photo_1-DG-4B_before_vegetation_clearing_facingE.jpg
-118.17511 34.19198



photo_2-DG-4B_after_vegetation_clearing_facingE.jpg
-118.17514 34.19203



photo_3-crew_fusing_pipe_facingW.jpg
-118.17456 34.19246



photo_4-excavator_use_facingW.jpg
-118.17412 34.19348

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 5, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	50 °F	0-3 MPH	0 %
End of Day	15:00	72 °F	7-9 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Labor Finders crew of 6 hand pulling poison hemlock, mustard, and erodium in DG-4 near the twin boulders area.

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, CAQU, SPTO, SOSP, BUSH, ANHU, BTYW, CASJ, STJA, HOFI, YRWA, LAGO, EUST, ACWO, WEBL, CATH, BEWR, BCHU, AMCR, desert cottontail, MALL, KILL, COYE, WEKI, WREN, COHU, ROPI, MODO, ATFL, common side-blotched lizard, COHA, RSHA, western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: performed a nesting bird survey in DG-4.

0655: cleared crew to work, monitored vegetation clearing near the twin boulders field in DG-4.

1200: moved crew slightly southeast to the other side of the twin boulder area.

1450: crew began wrapping up while I inspected the site.

Additional Comments

N/A

Signature





photo_1-DG-4_before_vegetation_clearing_facingW.jpg
-118.17538 34.19127



photo_2-DG-4_after_vegetation_clearing_facingW.jpg
-118.17536 34.1913



photo_3-DG-4_before_vegetation_clearing_facingN.jpg
-118.17524 34.19118



photo_4-DG-4_after_vegetation_clearing_facingN.jpg
-118.17525 34.19122

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Scott Werner
Date of Log: April 5, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	50 °F	0-3 MPH	0 %
End of Day	14:40	72 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Monitoring Natures Image planting crew of 10 including foreman Daniel Holmes, working on west side, DG-W-2 Mining Pit and DG-W-2 Mining Pit Outlet.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, CAQU, ACWO, CASJ, BEWR, BUSH, OATI, NOMO (injured leg), CALT, SPTO, ANHU, ALHU, PUFU, WCSP, LEGO, BUOR, AMRO, COHA, side-blotched lizard, western fence lizard, COHA, RSHA, RTHA, TUVU, CORA, BGGN, coastal whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 checking on hummingbird nests etc in DG-W-2 Mining Pit. ANHU_5 sitting tight (assume incubating), ANHU_4 nestlings (2) still there, look very large. BUSH_8 has not taken any more shape since 7 days ago, possibly abandoned, OATI seen gathering bark and fluff, taking it all the way back to live oaks beyond access road, about 400 feet to west, vicinity of 34.193783°N 118.174807°W, out of project area boundary. Monitoring four workers continue to pull weeds (primarily hemlock and pepperweed) on southeast side of new channel in DG-W-2. The Cardamine species in this area is non-native *C. hirsuta* and is approved for removal. I may have mis-ID'd last week's Cardamine as the native *C. oligosperma*, which is listed on several local plant lists. I have my plant lens with me now and am inspecting them more thoroughly. Also some weeding and irrigation work in DG-W-2 Mining Pit Outlet further south.

1130 Daniel starts augering new holes in DG-W-2 Mining Pit, in vicinity of 34.193552°N 118.174102°W.

1415 observing first coastal whiptail of season in DG-W-2 irrigation installation area. Also monitoring irrigation setup and weeding to the southeast in same area. Weeding crew done at 1440.

1430 there is a Tom Sawyer Camps guy releasing young California ground squirrels from live traps caught in their horse area, 0.25 mi north, into the dumpster area. Daniel is concerned but I don't think there's anything illegal going on, will ask Stillwater.

Additional Comments

N/A

Signature





photo_1-hand-pulling_DG-W-2_facingS.jpg
-118.17415 34.19266



photo_2-augering_for_planting_DG-W-2_Mining_Pit_facingS.jpg
-118.174 34.19361



photo_3-irrigation_line_DG-W-2_facingSE.jpg
-118.17443 34.19328



photo_4-after_hand-pulling_DG-W-2_facingW.jpg
-118.174 34.19265

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Scott Werner
Date of Log: April 6, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	50 °F	0-3 MPH	100 %
End of Day	15:00	72 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Labor Finders crew of 6 (including Charlie from planting crew) hand-pulling on west side.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

HOFI, PUF1, CASJ, RSHA, RCPA, SOSP, SPTO, CALT, HOWR, ALHU, ANHU, STJA, BUSH, CAQU, WEBL, side-blotched lizard, western fence lizard, western toad, COYE, MODO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 crew starts weeding around plantings in DG-4, DG-4A, along south-central access road, vicinity of 34.190786°N 118.175307°W. I am flagging out a 50-ft buffer around BUSH_9 nest discovered last week. The bushtits are still placing material inside nest and are tolerant of one worker hoeing the pepperweed directly underneath.

0900 one of the workers discovered a tripped rat spring trap at 34.191751°N 118.175634°W with bird feathers and blood, feathers suggest California towhee, along with 3 gallon ziploc bags ripped open, one of those with feathers. Daniel and Mike came to investigate; we could not find any more traps. We think it was just kids fooling around but who knows. I later bagged up the evidence at the end of day. Mike spoke to Margie and I emailed her photos later on. Back with crew, there may be native *Elymus triticoides* (not flowering yet) and native *Bromus carinatus* (flowering), plus native horseweed, poppy, etc, growing amongst *Br. hordaceus*, *Br. madritensis*, *Festuca myuros*, Lupine, Phacelia, etc. Given that there are a lot of native forbs mixed in here, crews are focusing on pepperweed, conium, non-native grass seed heads, etc. I'm advising the crew to hand-pull the pepperweed rather than just cut off the leaves with the hoe or tiller and risk letting it resprout. COYE, SPTO, SOSP to be aware of in this area as the understory vegetation gets taller.

1230 crew seems to be slowing down, socializing, and I called Daniel to meet with them for motivation and to ensure that the weeds inside the planting watering rings get pulled.

1430 crew is done pulling. I then get a few more photos, notes, and coordinate with Daniel and Mike on a few nests, etc.

Additional Comments

N/A

Signature





photo_1-hand-pulling_DG-4_allowed_under_BUSH9_nest_facingW.jpg
-118.17541 34.19082



photo_2_DG-4_after_hand-pulling_facingN.jpg
-118.1751 34.19044



photo_3-DG-4_hand-pulling_facingS.jpg
-118.17503 34.19038



photo_4-DG-4_after_hand-pulling_facingS.jpg
-118.17504 34.19039

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 6, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	52 °F	0-3 MPH	90 %
End of Day	15:00	72 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 6 laying irrigation, digging with an excavator, and clearing perennial pepperweed and mustard in DG-W-2 and DG-W-2 mining pit outlet.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

HOFI, WEBL, ACWO, WREN, BUSH, MODO, CATH, BEWR, SOSP, CASJ, CAKI, SPTO, NOFL, RTHA, HETH, western fence lizard, San Diego alligator lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: monitored vegetation clearing and irrigation setup in DG-W-2 and DG-W-2 mining pit outlet.

0730: found a BEWR constructing a nest in DG-W-2. crew was advised to avoid and the area was flagged. Several crew members switched to working on cleaning up after the crew who left piles from a previous day.

0740: relocated a juvenile western fence lizard out of the work area.

1020: relocated a juvenile San Diego alligator lizard.

1345: monitored use of an excavator in DG-W-2.

1500: crew members wrapped up for the day.

Additional Comments

N/A

Signature





photo_1-before_vegetation_clearing_DG-W-2_facingS.jpg
-118.1742 34.19273



photo_2-after_vegetation_clearing_DG-W-2_facingS.jpg
-118.17417 34.19276



photo_3-new_irrigation_DG-W-2_facingN.jpg
-118.17452 34.19304



photo_4-excavator_use_DG-W-2_facingS.jpg
-118.17395 34.19359

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 7, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	52 °F	0-3 MPH	10 %
End of Day	14:47	79 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 6 hand pulling perennial pepperweed, digging holes, and clearing vegetation piles in DG-W-2, DG-W-2 mining pit.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, CALT, SPTO, CASJ, ACWO, OATI, COYE, OCWA, EUST, CAQU, RCPA, HOFI, STJA, BGGN, MODO, YRWA, LEGO, CAKI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: monitored vegetation clearing and clearing of old vegetation piles in DG-W-2.

0830: performed a nesting bird survey in the far north part of DG-4 for Tetra Tech, who is planning to move one of its monitoring stations there.

1230: crew finished up in DG-W-2, began pulling vegetation in DG-W-2 mining pit.

1300: monitored use of an excavator in DG-W-2.

1440: crew began wrapping up digging and pulling while I inspected the site.

Additional Comments

N/A

Signature

A handwritten signature in black ink that reads "Mick Walsh". The signature is written in a cursive, slightly slanted style.



photo_1-before_vegetation_pulling_DG-W-2_facingS.jpg
-118.17419 34.1926



photo_2-after_vegetation_pulling_DG-W-2_facingS.jpg
-118.1742 34.19261



photo_3-digging_with_excavator_DG-W-2_facingSW.jpg
-118.17413 34.19362

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: April 7, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	55 °F	0-3 MPH	0 %
End of Day	15:15	80 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Six Labor Finders workers and two Natures Image workers performing vegetation removal using hand held tools in DG-4. Charlie, Natures Image foremen.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RTHA, NUWO, COHA, MODO, SOSP, OATI, RCPA, CASJ, CATH, YRWA, BLPH, BUSH, CORA, WCSP, ACWO, ANHU, CALT, BEWR, AMCR, HOWR, HOFI, LEGO, California ground squirrel, BGGN, WREN, WEBL, BUSH, CAQU, SPTO, CANG, ALHU, NOMO, EUST, TUVU, HOWR, ALHU, western toad, western fence lizard, CAKI, COYE, RSHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 biologist arrived onsite and met with crew. Crew worked in DG-4 using hand pulling/hand-held tools(non-mechanical) on non-natives, (pepperweed, hemlock, mustard, Hordeum sp., Bromus spp., non-native grasses). Throughout the day, the biologist was searching for bird nest and breeding behavior. One new SOSP_1 observed. The biologist answered plant questions and gave guidance. The crew tarped removed vegetation and delivered to dumpster. The biologist reminded the crew picked up their trash and the biologist completed report and left the site at 1515.

Additional Comments

Signature





Vegetation_removal_during.jpg
-118.17515 34.19017



Vegetation_removal_before_facingSE.jpg
-118.17465 34.19183

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 8, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	53 °F	0-3 MPH	0 %
End of Day	15:00	77 °F	7-9 MPH	1 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 6 working on irrigation and hand pulling perennial pepperweed, mustard and poison hemlock in DG-W-2, DG-W-2 mining pit outlet.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WREN, ACWO, CALT, SOSP, BEWR, ANHU, COHA, CASJ, NUWO, BUSH, LEGO, SPTO, CAKI, YRWA, western fence lizard, desert cottontail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: gave weep training to a new crew member.

0710: monitored vegetation clearing in DG-W-2 mining pit outlet.

0820: monitored pipe fusion in DG-W-2.

0840: spotted the Tetra Tech driver who was installing a new monitoring station as he drove a forklift down a service road in DG-4.

1200: found a bushtit nest early in construction in DG-W-2. Crew was advised to avoid and the area was flagged.

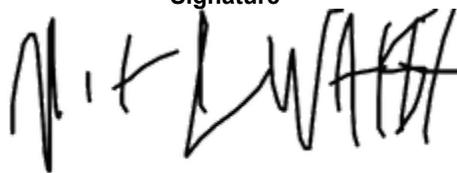
1337: discovered 3 citizens in DG-4 near the twin boulders area lighting off fireworks. They were asked to leave and they ran away.

1440: crew began wrapping up pulling while I inspected the site.

Additional Comments

N/A

Signature





photo_1-before_vegetation_clearing_facingS.jpg
-118.17462 34.1921



After weeding_DG-W-2 outlet.jpg



photo_3-irrigation_work_DG-W-2_facingN.jpg
-118.17432 34.19313



photo_4-firecrackers_DG-4_facingS.jpg
-118.17531 34.19107

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: April 8, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	55 °F	0-3 MPH	0 %
End of Day	15:15	80 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Six Labor Finders workers and two Natures Images workers performing vegetation removal using hand held tools in DG-4. Charlie, Natures Image foremen.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RTHA, NUWO, MODO, SOSP, OATI, RCPA, CASJ, CATH, YRWA, BLPH, BUSH, CORA, WCSP, ACWO, ANHU, CALT, BEWR, AMCR, HOWR, HOFI, LEGO, California ground squirrel, BGGN, WREN, WEBL, BUSH, CAQU, SPTO, CANG, ALHU, EUST, TUVU, HOWR, ALHU, western fence lizard, CAKI, COYE, RSHA, toad tracks, cottontail, WTSW

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 biologist arrived onsite and met with crew. Crew worked in DG-4 using hand pulling/hand-held tools(non-mechanical) on non-natives, (pepperweed, hemlock, mustard, Hordeum sp., Bromus spp., non-native grasses). Throughout the day, the biologist was searching for bird nest and breeding behavior. The biologist answered plant questions and gave guidance. The crew tarped removed vegetation and delivered to dumpster. The biologist reminded the crew to pick up their trash and the biologist completed report and left the site at 1515.

Additional Comments

A young cottontail rabbit was found dying. It had a broken leg and skull appeared uneven, nose/mouth bleeding. This did not appear to be project related because the crew member working in the area was not using any tools.

Signature





Vegetation_removal_during.jpg
-118.17461 34.1917



Vegetation_clearing_after_facingN.jpg
-118.17453 34.19164

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Scott Werner
Date of Log: April 12, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	51 °F	0-3 MPH	100 %
End of Day	15:00	70 °F	0-3 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Planting crew: Natures Image crew of 7 incl foreman Daniel Holmes working on west side.

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, ANHU, ALHU, RCPA, BUSH, YRWA, BHGR*, ATFL*, AMRO, WCSP, Woodrat middens, CAQU, SPTO, HOOR*, ACWO, NUWO, OATI, BEWR, BLPH, SOSP, Fence lizard, Sagebrush lizard, Desert cottontail, RTHA, COHA, PUF1, COYE *first 2021 obs

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Gave environmental training to new NI worker Oscar Ortiz, then we joined crew weeding in DG-W-2 Mining Pit. I clarified the nesting buffers here for the fledged ANHU nest, abandoned BUSH_8 nest (no buffer), and new BUSH_11 nest.

1000 Daniel wanted to start augering at N end of DG-W-2 Mining Pit so I checked on CASJ-4 nest and it has failed, empty. I updated collector and removed flags at this lower level.

1030 Began monitoring auger/excavator.

1200 Two workers arrive to pull pepperweed, hemlock, mustard, curly dock that overgrown in now-released CASJ-4 buffer.

1420 Weeding and augering done (crew moves elsewhere). After crew leaves, I observe CASJ rebuilding at approx 34.193417°N 118.173415°W using twigs from large willow near CASJ-4. Documenting location in Collector and finishing notes.

Additional Comments

N/A

Signature





photo_1-auger-excavator_DG-W-2_Mining_Pit_facingNE.jpg
-118.17388 34.19359



photo_2_weeding_DG-W-2_Mining_Pit_facingW.jpg
-118.17415 34.19313



photo_3-weeding_augering_DG-W-2_Mining_Pit_facingNE.jpg
-118.17385 34.19352

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 12, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	50 °F	0-3 MPH	99 %
End of Day	14:15	66 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 7 fixing irrigation, hand pulling mustard, poison hemlock, tree tobacco, and numerous annual weeds in DG-W-1.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, CASJ, SOSP, NUWO, ALHU, SPTO, CATH, CAFI, CAKI, CATO, WCSP, YRWA, EUST, WEBL, VGSW, BUSH, NOMO, San Diego gopher snake, AMCR, Desert cottontail, Western fence lizard, Common side blotched lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Monitored vegetation clearing in DG-W-1.

0700: Sent 1 crew member to fix an irrigation problem in DG-W-1.

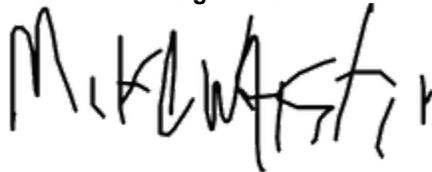
1250: Surveyed nearby work areas for nests.

1400: Crew began wrapping up veg clearing while I inspected the site.

Additional Comments

At around 1300, I observed 5 birds of different species working together to scold a gopher snake in DG-2 in the large patch of poison oak by the boulder. Birds were: CASJ, CATO, NOMO, BUSH, SPTO.

Signature





photo_1-before_veg_clearing_DG-W-1_facingW.jpg
-118.17167 34.19213



photo_2-after_veg_clearing_DG-W-1_facingW.jpg
-118.17169 34.19214



photo_3-before_veg_clearing_DG-W-1_facingN.jpg
-118.1722 34.19176



photo_4-after_veg_clearing_DG-W-1_facingN.jpg
-118.17223 34.19176

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Scott Werner
Date of Log: April 13, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	53 °F	0-3 MPH	100 %
End of Day	15:00	56 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Temp crew at east side (Johnson Field), crew of 6 plus Charlie from Natures Image; Daniel Holmes supervising.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CATH, CAQU, RTHA, BHGR, CASJ, LEGO, NUWO, HOWR, SOSP, SPTO, CALT, RCPA, ALHU, ANHU, BUOR, ACWO, EUST, WCSP, YRWA, BEWR, BUSH, WEBL, CAKI, BTYW, HEWA, ATFL

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

06:45 Temp crew continuing in DG-W-1 (Johnson Field). Assisting with plant ID and nest-searching. Weeds in this area include Hirschfeldia, Sisymbrium, Conium, Centaurea melitensis, Chenopodium (album, murale), non-native bromes and Festuca myuros, Erodium, Melilotus, Lepidium didymum, L. latifolium, Carduus pycnocephalus, Medicago, Nicotiana glauca sprouts, Spargula arvensis. Natives to avoid were primarily Phacelia ramosissima, Calandrinia menziesii, Plagiobothrys (canescens?).

14:30 Light drizzle all day until about

Additional Comments

N/A

Signature





photo_1_hand-pulling_DG-W-1_Johnson_Field_facingS.jpg
-118.17211 34.19185



photo_2_after_hand-pulling_DG-W-1_Johnson_Field_facingS.jpg
-118.17212 34.1918

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 13, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	54 °F	0-3 MPH	100 %
End of Day	14:45	55 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 6 digging, laying irrigation, and clearing perennial pepperweed and poison hemlock in DG-W-2.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CATO, SOSP, ANHU, CANG, RCPA, CAQU, CASJ, SPTO, WEKI, ACWO, BUSH, BHGR, MODO, WEBL, LEGO, OCWA, ATFL, WREN, NOMO, NUWO, AMCR, WETA, YRWA, TOWA, COYE, LISP, Desert cottontail, BEWR, Common side blotched lizard, HOFI, CATH, CAKI, AMRO, Fox squirrel, coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Monitored vegetation clearing in DG-W-2.

0900: Discovered a CASJ nest being built in the northeast corner of DG-W-2. Flagging was put up and crew was advised to avoid.

0910: 2 crew members began working on irrigation setup in DG-W-2.

1220: Went to the mining pit outlet to look for a scrub jay nest; an adult had been seen and lost with nesting materials earlier in the day. Nest not found.

1330: Supervised use of an excavator to dig holes in DG-W-2.

1435: Crew began working on cleanup while I inspected the site.

Additional Comments

Scattered showers throughout the day.

Signature





photo_1-before_hand_pulling_DG-W-2_facingW.jpg
-118.17436 34.19296



photo_2-after_hand_pulling_DG-W-2_facingW.jpg
-118.17437 34.19301



photo_3-digging_progress_DG-W-2_facingE.jpg
-118.17387 34.19354



photo_4-new_irrigation_DG-W-2_facingNW.jpg
-118.17387 34.19351

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 14, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	52 °F	4-6 MPH	100 %
End of Day	14:10	63 °F	7-9 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 7 removing perennial pepperweed and poison hemlock with hand tools and by hand, digging with an excavator, and helping take delivery on new plants in DG-W-2.

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, ATFL, CALT, MODO, RCPA, ANHU, NUWO, HOFI, BEWR, SPTO, ROPI, AMCR, ACWO, RTHA, CAQU, BUSH, BLPH, LEGO, CATH, WEBL, NOMO, WCSP, YRWA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Monitored vegetation clearing in DG-W-2.

0730: Found a California towhee nest at the northwest corner of DG-W-2.

0820: Monitored use of an excavator to dig holes in DG-W-2.

0925: Took delivery on new plants from Tree of Life. Crew then worked on moving and organizing plants in the channel from the delivery site.

1345: Crew wrapped up digging, focused solely on moving new plants while I inspected the site.

Additional Comments

Orange morph male HOFI seen on site near horse stables.

Signature





photo_1-before_veg_clearing_DG-W-1_facingSW.jpg
-118.17428 34.19341



photo_2-after_veg_clearing_DG-W-1_facingSW.jpg
-118.17429 34.19341



photo_3-excavator_use_DG-W-2_facingNE.jpg
-118.17395 34.19336

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: April 14, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	50 °F	4-6 MPH	100 %
End of Day	15:15	63 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

A crew of six temp (including 1 NI) worked on weed removal in Johnson Field, DG-W-1. Charlie and Daniel were NI supervisors.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SPTO, WREN, CANG, RTHA, COHA, HOFI, LEGO, SOSP, COYE, ATFL, CAQU, Western toad, MODO, CASJ, ANHU, BEWR, BUSH, CALT, YRWA, WCSP, Cottontail, WEBL, NUWO, PUF1, ACWO, CHSP, BUOR, CATH, BLPH, RCPA, HOWR, California ground squirrel, BHGR, BTPI, WIWA, NOMO, ALHU, CORA, AMPI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

6:45 Biologist met with the crew. The crew used hand tool to remove non-native species. Non-native plants include: poison hemlock, mustard (vegetation stage), horehound, Chenopodium, Melilotus, Erodium spp., and Glebionies sp. One nest was updated BUSH_7. The crew avoided the surrounding nest buffers: CASJ_6 and BUSH_7. After lunch the crew continued to work in Johnson Field. The biologist assisted with plant identification questions throughout the day.

15:15 Biologist completed report and left site.

Additional Comments

N/A

Signature





Weed_clearing_during_facingS.jpg
-118.17136 34.19207



Vegetation_removal_during_facingW.jpg
-118.17179 34.19126

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 15, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	44 °F	0-3 MPH	40 %
End of Day	15:00	68 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 7 planting, digging, and laying irrigation in DG-W-2.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, CALT, CASJ, NOMO, ACWO, LEGO, HOFI, MODO, OATI, SOSP, RCPA, BGGN, BUSH, SPTO, ATFL, EUST, OCWA, WCSP, WEBL, BLPH, Coastal whiptail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Crew finished up placing plants into DG-W-2 from yesterday's delivery.
0730: 4 crew members began working on planting while 3 worked on laying irrigation.
1400: Monitored use of an excavator to dig holes in DG-W-2.
1440: Crew began cleaning up while I inspected the site.

Additional Comments

Signature





photo_1-planting_progress_DG-W-2_facingW.jpg
-118.17377 34.19354



photo_2-planting_progress_DG-W-2_facingN.jpg
-118.1742 34.19343



photo_3-newly_dug_holes_facingS.jpg
-118.17411 34.19306

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: April 15, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	53 °F	4-6 MPH	70 %
End of Day	15:15	65 °F	7-9 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

A crew of seven temp (including 1 NI) worked on weed removal in Johnson Field, DG-W-1. Charlie and Daniel were NI supervisors.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SPTO, WREN, CANG, RTHA, COHA, HOFI, LEGO, SOSP, COYE, ATFL, CAQU, Western toad, MODO, CASJ, ANHU, BEWR, BUSH, CALT, YRWA, WCSP, Cottontail, WEBL, NUWO, ACWO, BUOR, CATH, BLPH, RCPA, HOWR, California ground squirrel, BHGR, BTPI, WIWA, NOMO, ALHU, CORA, CAKI, BTGW, WTSW, Coyote, EUST, VASW

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

6:45 Biologist met with the crew. The crew used hand tool to remove non-native species. Non-native plants include: poison hemlock, mustard, horehound, Chenopodium, Melilotus, Erodium spp., and Glebionis sp. One nest was updated BUSH_12. The crew avoided the surrounding nest buffers. The biologist flagged buffers that the crew was working near. A dead California king snake was found on the side of the access road. After assessment it was determined that another animal attacked it, showing puncture wounds 5 inches from head. Attacker, likely was a dog, but this is still unclear. After lunch the crew continued to work in Johnson Field. The biologist assisted with plant identification questions throughout the day and nest searched.

15:15. Biologist completed report and left site.

Additional Comments

A dead California king snake was found on the side of the access road. After assessment it was determined that another animal attacked it, showing puncture wounds 5 inches from head. Attacker, likely was a dog, but this is still unclear.

Signature





Veg_removal_during_facingN.jpg
-118.17171 34.19088



Veg_removal_after_facingE.jpg
-118.17169 34.19089



Veg_removal_during_facingSW.jpg
-118.17089 34.1914

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 16, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	48 °F	0-3 MPH	0 %
End of Day	15:00	72 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Labor Finders crew of 7 hand pulling exotic grasses, mustard, and sweet clover in DG-4C, natures image crew of 6 planting, digging with an excavator, and laying new irrigation in DG-W-1.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, CAQU, HOFI, CASJ, CATO, SPTO, MODO, WEBL, BUSH, ATFL, ANHU, NOMO, RTHA, NUWO, BEWR, Coastal whiptail, Western fence lizard, Western toad, Desert cottontail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Had a tailgate meeting with weeding crew about native species in the days work area and nearby bird nests.
0700: Weeding crew began hand pulling weeds in DG-4C while planting crew planted and layed irrigation nearby in DG-W-1.

1015: Monitored use of an excavator in DG-W-2.

1450: Crew began wrapping up pulling and digging while I inspected the site.

Additional Comments

N/A

Signature





photo_1-before_handpulling_DG-4C_facingSE.jpg
-118.17476 34.19302



photo_2-after_handpulling_DG-4C_facingSE.jpg
-118.17479 34.19301



photo_3-excavator_use_DG-W-2_facingS.jpg
-118.17401 34.19317

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Max D. Murray
Date of Log: April 19, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	61 °F	0-3 MPH	0 %
End of Day	14:45	77 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

- 1) vegetation clearing
- 2) skiploader
- 3) Johnny (Griffith)

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, BLPH, SOSP, ROPI, CALT, SPTO, HOFI, COYE, RTHA, CORA, BEWR, HOWR, WTSW, CLSW, WEBL, ANHU, ALHU, LEGO, WCSP, ACWO, GREG, GRYE, KILL, Western fence lizard, Western side blotch lizard, Coyote, California ground squirrel, LESA, Bat sp., NUWO, Western toad, CAQU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630 Onsite; check potential BLPH nest

0640 2 BLPH observed near tire wash, one flew into gated area.

0645 Observed one BLPH leave from the first eastern washout basin near the Griffith truck in the fenced tire wash area.

0700 Tailboard

0715 Get access to tire wash area.

0727 Nest located (BLPH_1) added to collector, notified Lauren Simpson.

0737 Headed back to trailers.

0750 Clear northern project area for LA County drilling operations.

0815 Coordinate with Lauren

0830 Flag nests near eastern work area.

0900 Stake nests along western haul road.

0930 Coordinate with Ray from LA County. Received a sticker for hard hat.

1230 Mobilize to BLPH in tire wash to monitor exclusion.

1300 Coordinate with Johnny (Griffith) to set up exclusionary measures for BLPH at tire wash. BLPH was starting to build nest under the eastern basin. Nest appeared to be started very recently — possibly over the weekend. No eggs in nest.

1316 Crew begins installing exclusions (Pic 1, 2, and 3).

1330 End monitoring exclusion installation.

1345 Substitute for Lauren.

1445 End monitoring.

1500 Leave site.

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be the name 'MOM' in a stylized, cursive font.

Tirewash_before_facingNW.jpg



Tirewash_during_facingNW.jpg



Tirewash_after_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lauren Simpson
Date of Log: April 19, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	64 °F	0-3 MPH	0 %
End of Day	15:06	86 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Griffith Co, installing ESA fence, clearing fenceline with skip loader

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CASJ, YEWA, CAKI, CLSW, CALT, ACWO, SPTO, CORA, SOSP, BEWR, HOFI, COYE, RTHA, ALHU, WREN, EUST, NRWS, CAQU, Alligator lizard, Whiptail, Western toad, Side blotched lizard, WTSW, BUSH, LEGO, GREG, MODO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Arrived onsite, gave WEAP training to crew, went over work plan for the day.

0730 Began monitoring clearing of ESA fenceline using skip loader. relocated one western toad and two alligator lizards offsite out of harms way. one willow tree branch was hanging over fenceline and preventing installation.

removed using chainsaw. continued monitoring of ESA fenceline clearing and minor clear and grub within basin. all areas swept before clearing, no bio issues observed.

1505 Work done for the day, biologist left site.

Additional Comments

N/A

Signature





photo_1-skip loader clearing esa fenceline.jpg
-118.17276 34.18913



photo_2-esa fenceline installed.jpg
-118.17281 34.18961



photo_3-branch of willow hanging into work area removed with chainsaw.jpg
-118.17242 34.1912

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Max D. Murray
Date of Log: April 20, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	100 %
End of Day	15:04	73 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

- 1) vegetation clearing
- 2) one skid loader and one water truck
- 3) Miguel (operator), John (Griffith), Ray, Mark, Daniel (LA County).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CORA, CALT, HOFI, SOSPO, COYE, KILL, CASJ, CANG, Western toad (relocated), ACWO, NUWO, EUCD, EUST, ROPI, Amazona spp., RSHA, southern pacific rattlesnake (relocated), RTHA, COHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630 Onsite
0645 Coordinate with Johnny (Griffith)
0700 Tailboard with Griffith. Conduct WEAP training. Ray (LA County) coordinated with me during WEAP training, will bring down sign-in sheet and stickers.
0720 Coordinate with Miguel (skip loader operator) for activities today.
0725 Clear planned work area. Begin monitoring vegetation removal (Pic. 1 and 2).
0920 Coordinate with Mark Gim (LA County) about oak tree within work limits. Removal is approved pending no other biological resources in the tree.
0940 Mobilize to inspect oak tree in question. No other biological resources in the oak tree. Contacted Mark to confirm it is ready for removal. Notified Lauren as well.
0959 Mobilize to vegetation removal
1020 Mobilize to relocate rattle snake.
1030 Juvenile Southern pacific rattlesnake relocated north of the project site near suitable habitat in arroyo secco wash.
1100 Continue monitoring vegetation removal (Pic. 3).
1200 Coordinate with Ray about potential grading work on western side of the basin.
1230 Coordinate with Daniel (LA County).
1500 End monitoring, final sweep (Pic. 4). Leave site.

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of several stylized, overlapping loops and lines.

Vegetation_removal_during_facingNE.jpg



Vegetation_removal_during_facingSW.jpg



Vegetation_removal_during_facingN.jpg



Vegetation_removal_after_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Max D. Murray
Date of Log: April 21, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	54 °F	4-6 MPH	95 %
End of Day	15:15	57 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

- 1) Vegetation removal
- 2) Water truck, skip loader and scraper
- 3) John (Griffith) and Ray (LA County)

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CATH, SOSP, COYE, MODO, CORA, EUST, CALT, SPTO, ACWO, NRWS, CLSW, CAQU, COHA, CASJ, WEKI, WEBL, Amazona spp., GREG, GRBH, MALL, RTHA, WCSP, Botta's pocket gopher (relocated), LEGO, BEWR, KILL, WTSW, OATI, WREN, BUSH, BARS, WETA, AMCR, RSHA, Coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640 Onsite
0645 Tailboard with John (Griffith) and Ray (LA County).
0700 Begin clearing work area before vegetation removal.
0745 Relocate small mammal (Botta's pocket gopher).
0800 WEAP training for Pete (Griffith scraper operator)
0815 Clear area for scraping - access road and western basin.
0830 Begin monitoring grading in western basin (Pic. 1 and 2).
0830 Multiple YEWA calling along the south western edge of the work area. Point added to collector. Second marked point represents northern most YEWA calling.
1045 Added active nest (LEGO_5) to collector. Install signage and flagging for nesting bird buffer.
1120 Notified John (Griffith) of nest buffer for LEGO_5.
1245 Remind Griffith workers (Rick and Austin) about two bird buffers (BUSH_3 and COYE_1) on the western haul road.
1500 End monitoring maintenance grading in northern portion of project area. Final sweep.
1515 Leave site.

Additional Comments

N/A

Signature





Grading_during_facingNW.jpg



Grading_during_facingNE.JPG
-118.17662 34.18836

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Max D. Murray
Date of Log: April 22, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	54 °F	0-3 MPH	100 %
End of Day	15:00	57 °F	7-9 MPH	100 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

- 1) Vegetation clearing and grading
- 2) Skiploader, backhoe and water truck
- 3) John, Austin and Jessie (Griffith), Ray and Emily (LA County).

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WEKI, SNEG, CORA, ACWO, CALT, Amazona spp., SOSPO, COYE, CANG, AMCR, Coyote, MALL, GRHE, CLSW, NRWS, SPTO, WTSW, Western fence lizard (relocated), Western toad (relocated)

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Arrive onsite; coordinate with John (Griffith).
 0650 Mobilize to continue staking nest buffers along the western project work limits.
 0700 Clear western basin for grading/scraping activities.
 0710 Grading activities begin north western basin (Pic. 1).
 0745 WEAP training (Jessie - Griffith)
 0800 Coordinate with John about ESA fencing.
 0815 Coordinate with Emily (compliance monitor) about bird buffers along the western haul road.
 0830-0845 Clear work area for vegetation clearing
 0900 Begin monitoring vegetation clearing and grading on eastern side of the project area (Pic. 2).
 1015 Reduce COYE_1 buffer by ~12ft this out the buffer at the western edge of the haul road. Coordinate with John and Austin (Griffith) for power pole placement.
 1040 Return to monitoring vegetation removal on eastern side of project area.
 1130 Westland group surveyor (Jeremy) observed outside of project work limits. Surveyor is collecting topographical data for SCE project. Informed him of bird buffers and he agreed to avoid when possible. Ray (LA County) notified; Ray collected the surveyor's information.
 1246 Nature's Image vehicle observed parked within bird buffer (BUSH_7). Left a voicemail with Margie (Stillwater) and contacted Daniel (Nature's Image foreman). Crew moved vehicle out of bird buffer.
 1400 Continue monitoring vegetation removal in eastern project area (Pic. 3).
 1500 End monitoring; final sweep.
 1515 Leave site.

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of a large, stylized 'M' or 'W' shape with a central loop and a vertical line extending upwards from the left side.

Grading_during_facingSE.jpg



Vegetation_removal_facingN.jpg



Vegetation_removal_facingNW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Date of Log: April 23, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	54 °F	0-3 MPH	100 %
End of Day	13:30	63 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Vegetation clearing with Miguel on Skiploader.

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, YWAR, SOSP, HOFI, CAQU, BUSH, CALT, LEGO, YRWA, Western Fence lizard, Western Whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Vegetation clearing/grubbing, And road creation for water truck with Miguel on Skiploader.

Additional Comments

N/A

Signature





Creating_roads_facingW.jpg
-118.17414 34.19071



Grubbing_facingNW.jpg
-118.17413 34.19067

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carley Lancaster
Date of Log: April 23, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	54 °F	0-3 MPH	100 %
End of Day	01:30	63 °F	0-3 MPH	90 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Griffith crew of one equipment operator (subcontractor) and one foreman (John) used one backhoe to clear emergent vegetation from the reservoir.

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, CAQU, HOFI, LEGO, ANHU, CASJ, BUSH, RTHA, CORA, BEWR, ACWO, SPTO, MODO, NOMO, ROPI, CATH, Western toad, Desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Conducted pre-construction sweep.

0710 Monitored vegetation removal.

1330 Crew done for the day, conducted final sweep.

Additional Comments

N/A

Signature





photo_1-vegetation removal_before.jpg



photo_2-vegetation removal_after.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 19, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	61 °F	0-3 MPH	0 %
End of Day	14:30	86 °F	10-12 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures image crew of 6 hand pulling mustard, exotic grasses, and poison hemlock in DG-W-1.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, WEBL, WREN, NOMO, LEGO, CASJ, BEWR, MODO, GREG, SOSP, RTHA, NUWO, AMCR, ATFL, CATH, SPTO, CAQU, California ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Gave weep training to a new crew member.

0705: Monitored vegetation clearing in DG-W-1.

1100: An employee reported signs of heat exhaustion/heat stroke. He was immediately put into shade and given water, a foreman gave him a lift to his car, and someone stayed with him until it was determined that he was safe.

1420: Crew began working on cleanup while I inspected the site.

Additional Comments

N/A

Signature





photo_1-DG-W-1_before_weeding_facingW.jpg
-118.17087 34.19168



photo_2-DG-W-1_after_weeding_facingW.jpg
-118.17105 34.19163



photo_3-DG-W-1_before_weeding_facingW.jpg
-118.1712 34.19158



photo_4-DG-W-1_after_weeding_facingW.jpg
-118.17123 34.19157

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: April 19, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	70 °F	0-3 MPH	0 %
End of Day	15:15	88 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

A crew of six (Nature's Image) worked on site preparation activities in the mining pit, DG-W-2 . Dee and Daniel were NI supervisors.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SPTO, WREN, RTHA, COHA, HOFI, LEGO, SOSP, COYE, ATFL, CAQU, MODO, CASJ, ANHU, BEWR, BUSH, CALT, YRWA, WCSP, Cottontail, WEBL, NUWO, PUF1, ACWO, CATH, BLPH, RCPA, HOWR, California ground squirrel, BHGR, BTPI, WIWA, NOMO, ALHU, CORA, CAKI, Coyote, RCKI, Whiptail lizard, SAVS, CORA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

6:45 Biologist met with the crew. The crew worked on site prep at DG-W-2 in the Mining Pit. Crew used hand tools to dig holes and established potted plants. Daniel used the backhoe auger to drill holes. One nest was updated BUSH_11, and was inactivated based on previous and current observations. Buffer was removed. The crew avoided the surrounding nest buffer including: ANHU_5 and BEWR_1. These nests were also updated. The biologist assisted with plant identification questions throughout the day.
15:15. Report and left site.

Additional Comments

Signature





Site_prep_during_facingSSW.jpg
-118.17434 34.19318



Site_prep_during_facingE.jpg
-118.17425 34.19315



SitePrep_before_facingS.jpg
-118.17386 34.19338

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 20, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	52 °F	0-3 MPH	70 %
End of Day	14:40	79 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures image crew of 6 pulling poison hemlock and perennial pepperweed, digging, setting up irrigation and planting in DG-W-2.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, CASJ, SPTO, BHGR, SOSP, NOMO, MODO, ACWO, ATFL, BHCO, BEWR, HOFI, CALT, ALHU, CATH, CORA, NUWO, AMCR, Coastal whiptail, Western fence lizard, LEGO, California ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Monitored planting and vegetation removal in DG-W-2.

1000: Monitored use of an excavator to dig holes in DG-W-2.

1140: Surveyed nearby work areas for nesting birds, found none.

1200: A few crew members began working on irrigation setup.

1430: Crew began working on cleanup while I inspected the site.

Additional Comments

N/A

Signature





photo_1-before_veg_clearing_DG-W-2_facingNW.jpg
-118.17422 34.19317



photo_2-after_veg_clearing_DG-W-2_facingNW.jpg
-118.17413 34.19312



photo_3-excavator_use_DG-W-2_facingW.jpg
-118.17408 34.19283



photo_4-planting_progress_DG-W-2_facingS.jpg
-118.1742 34.19319

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: April 20, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	55 °F	4-6 MPH	80 %
End of Day	15:15	73 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

A crew of seven temp (including 1 NI) worked on weed removal in Johnson Field, DG-W-1. Ed and Daniel were NI supervisors.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SPTO, WREN, RTHA, COHA, HOFI, LEGO, SOSP, COYE, ATFL, CAQU, Western toad, MODO, CASJ, ANHU, BEWR, BUSH, CALT, YRWA, WCSP, Cottontail, WEBL, NUWO, ACWO, BUOR, CATH, BLPH, RCPA, HOWR, California ground squirrel, NOMO, CORA, WIWA, HUVI, BGGN, BARS, PSFL, TUVU, AMCR

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

6:45 Biologist met with the crew. The crew used hand tool to remove non-native species. Non-native plants include: poison hemlock, mustard, horehound, Chenopodium, Melilotus, Erodium spp., and Glebionis sp. The crew avoided the surrounding nest buffers: CASJ_6, BUSH_12, and BUSH_7. The biologist reminded trucks driving along east access road to watch for BUSH_12. After lunch the crew continued to work in Johnson Field. The biologist assisted with plant identification questions throughout the day. Some non-natives were accidentally missed when clearing, so the site foreman did a sweep. Nearby physical nest buffers were established before the end of the day for the next biologist.

15:15 Biologist completed report and left site

Additional Comments

Red Griffith truck created dust as it passed the dust meter on east side.

Signature





Weed_removal_during_facingW.jpg
-118.17118 34.19189



Veg_removal_during_facingS.jpg
-118.1714 34.19211

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Scott Werner
Date of Log: April 21, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	54 °F	0-3 MPH	100 %
End of Day	14:15	59 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Temp weeding crew of 7 plus Ed from planting crew supervising on east side. Two workers from this crew are away during a.m. on irrigation maintenance duty, monitored occasionally.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, CASJ, BEWR, SOSP, ALHU, ANHU, Alligator lizard, WCSP, BUOR, WEBL, HOFI, RTHA, Western toad, LEGO, BUSH, California ground squirrel, WETA, BHGR, WIWA, YRWA, HOOR, CALT, SPTO, NUWO, Fence lizard, sagebrush lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Temp crew is hand-pulling in DG-2 New Channel around plantings just south of Johnson Field (two workers on irrigation maintenance nearby and occasionally monitored). Mainly Conium, and Hirschfeldia, with some Centaurea mel., Erodium, Carduus, etc. Natives to avoid besides plantings include Phacelia ram., Matricaria, Calendrinia, Ambrosia acanthicarpa, etc.

0945 Large western toad uncovered by 2-inch line. I relocated it up the slope under an elderberry.

1200 Checked on LEGO_2 and CALT_1 nests. LEGO_2 seems to be gone and I can't locate CALT_1. If CALT_1 released for access, it will help reduce the Conium and Lepidium dense growth. LEGO_2 buffer not as weedy. He nests should be double-checked during morning to be sure inactive.

1300 Full crew is concentrating on tall flowering Conium and Hirschfeldia etc at 34.190819°N 118.171819°W (DG-2 New Channel).

1415 Crew stops pulling.

Additional Comments

N/A

Signature





photo_1-before_hand_pulling_DG-2_New_Channels_facingS.jpg
-118.17202 34.19113



photo_2_before_hand_pulling_DG-2_New_Channels_facingSE.jpg
-118.17186 34.19083



photo_3_after_hand_pulling_DG-2_New_Channels_facingS.jpg
-118.172 34.1911



photo_4_after_hand_pulling_DG-2_New_Channels_facingSE.jpg
-118.17193 34.19086

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 21, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	54 °F	7-9 MPH	95 %
End of Day	14:20	59 °F	7-9 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures image crew of 7 pulling poison hemlock and perennial pepperweed, digging, planting, and taking delivery on new plants in DG-W-2.

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, SPTO, ACWO, BHGR, LEGO, HOFI, COYE, WTSW, HETH, CASJ, NUWO, MODO, DEJU, RTHA, CATH.

Did You Observe any Non-Compliance Issues? Yes No

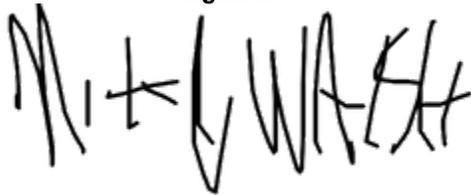
Log Entry

0645: Monitored vegetation clearing in DG-W-2. 02 crew members began planting in DG-W-2.
0830: Weeding crew began working on digging holes and spraying dots in recently cleared areas.
0900: Monitored use of an excavator in DG-W-2.
1020: Took delivery on plants from ASF.
1420: Crew began wrapping up pulling and digging to work on cleanup.

Additional Comments

N/A

Signature

A handwritten signature in black ink that reads "MICHAEL WALSH". The letters are stylized and somewhat cursive, with the first name "MICHAEL" and last name "WALSH" clearly legible.



photo_1-before_vegetation_clearing_DG-W-2_facingS.jpg
-118.17431 34.19316



photo_2-after_vegetation_clearing_DG-W-2_facingS.jpg
-118.1743 34.19312



photo_3-planting_progress_DG-W-2_facingE.jpg
-118.17412 34.19348



photo_4-new_plants_DG-W-2_facingN.jpg
-118.17407 34.1932

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 22, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	11:45	57 °F	4-6 MPH	100 %
End of Day	15:00	57 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 6 planting and digging in DG-W-2.

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, BHGR, MODO, SPTO, ACWO, CALT, HOFI, BHCO, CAQU, BUSH, NUWO, WTSW, WREN.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

1145: Monitored planting in DG-W-2. Labor finders crew was working on making sure that microlines are pointing into plant basins.

1220: Supervised use of an excavator to dig holes in DG-W-2.

1300: 3 crew members began manually digging holes in DG-W-2.

1450: Crew wrapped up while I inspected the site.

Additional Comments

I was not on site until 11:45. Prior to my arrival, crew had been working on microline placement.

Signature





photo_1-planting_progress_DG-W-2_facingS.jpg
-118.17412 34.19328



photo_2-excavator_use_DG-W-2_facingS.jpg
-118.17417 34.19273



photo_3-crew_digging_manually_DG-W-2_facingN.jpg
-118.1739 34.19316

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Max D. Murray
Date of Log: April 26, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	50 °F	0-3 MPH	100 %
End of Day	15:00	62 °F	4-6 MPH	40 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

- 1) vegetation removal and grading
- 2) skip loader and backhoe
- 3) Miguel, Jessie, and John (Griffith), Daniel (LA County)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

COHA, ACWO, HOFI, CASJ, CALT, SOSP, COYE, ATFL, WIWA, CAQU, Jerusalem cricket, AMCR, ANHU, BUSH, WREN, OATI, SPTO, CATH, California ground squirrel, LEGO, WEKI, WEBL, NUWO, YRWA, MODO, PUF1, Amazona spp., BHGR, BASW, NRWS, CORA, RTHA, BEWR, HOWR, AWPE, CANG, RSHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640 onsite; coordinate with Daniel (LA County) about storage of bio materials.

0650 tailboard with Griffith Crew.

0715 nest update (CATH_2)

0745 nest update (CATH_3)

0810 nest update (CALT_1)

0845 nest update (BUSH_7)

0917 nest update (ACWO_3)

0930 nest update (CASJ_3)

1000 coordinate with Griffith laborers for fence placement. Communicate ESAs and work limits in the general area.

1020 coordinate with Westland Group (SCE contractor) about bird buffers along the western haul road. Both surveyors were not receptive to my communication about avoiding bird buffers. Surveyors worked within bird buffers then moved north along haul road and worked again (approximately 30 minutes). Coordinated with Lauren and Daniel (LA County) — will document surveyors work on the west haul road.

1110 one surveyor walked through bird buffer (BUSH_3). Other surveyor walking around within riparian zone west of the western haul road. Potentially affected nests: CASJ_2, BUSH_4, BUSH_3, COYE_1, WREN_1, YEWA_1. One additional surveyor walked through BUSH_3 buffer while coming walking north on the western haul road. All three surveyors will need to walk through BUSH_3 nest buffer to exit the project site after I informed them of the presence and sensitivity of the bird nests.

1115 coordinate with Miguel to clear vegetation in northern portion of work area.

1130 begin monitoring vegetation removal on west side of the project area (Pic. 1).

1445 end monitoring; final clearance (Pic. 2).

1500 leave site

Additional Comments

Could not rename photos. Both are vegetation removal facing N

Signature

MAN



photo_1-20210427-093604.jpg



photo_2-20210427-093610.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lauren Simpson
Date of Log: April 26, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	65 %
End of Day	15:11	64 °F	4-6 MPH	70 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Griifith co, 1dozer, 1 skip, 1 blade, 1 backhoe, 1 water truck, preparing scale house and clearing/grubbing emergent vegetation

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

LEGO, SPTO, WREN, BLPH, NRWS, CASJ, CORA, SOSP, YEWA, YRWA, WETA, MODO, BUSH, ANHU, OATI, ATFL, WCSP, HOFI, WIWA, KILL, ALHU, VASW, BEWR, COYE, CAVI, WTSW, WAVI, CLSW, ACWO, RSHA, RTHA, BARS, TUVU,AWPE, COHA,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630 Arrived onsite, surveyed tire wash for bird activity, no activity observed.

0700 Attended tailboard discussed status of nest buffers and work plan for the day.

0705 Crew won't begin clear/grub until later in the morning so I spent time updating/searching for nests in SW corner.

1000 Began monitoring backhoe during clear/grub at west center (station18), relocated 4 side-blotched lizards out of harm's way,

1445 Clearing complete for the day, no bio issues observed.

1510 Biologist left site

Additional Comments

N/A

Signature





photo_1-cleargrub of emergent veg.jpg
-118.17452 34.19029



photo_2-scalehouse prep overview.jpg
-118.17452 34.19029



photo_3-berm post-clearing.jpg
-118.17333 34.18997

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Max D. Murray
Date of Log: April 27, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	52 °F	4-6 MPH	60 %
End of Day	15:00	63 °F	7-9 MPH	50 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

- 1) Vegetation removal and grading
- 2) Backhoe, skip loader, water truck, scraper, bulldozer
- 3) Daniel, Ray, Alex (LA County), Miguel, John, Jessie, Doug (Griffith)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CORA, RTHA, COHA, Falco sp., Western fence lizard, BARS, WTSW, HOFI, LEGO, Amazona spp., CALT, CASJ, SPTO, NRWS, CLSW, Side blotch lizard, ANHU, COYE, SOSP

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Onsite; tailboard with John (Griffith)
0700 WEAP training
0745 Begin monitoring vegetation removal and heading near western project area (Pic. 1).
0900 Coordinate with Alex (LA County)
1000 Coordinate with John (Griffith) for vegetation clearing in western basin. Begin monitoring (Pic. 2).
1020 Coordinate with Ray (LA County) about power pole installation crew WEAP training. Give WEAP.
1130 Coordinate with John about WEAP. Give additional WEAP.
1200 Clear rock pile and vegetation on east side for bulldozer to remove (Pic. 3).
1445 End monitoring.
1500 Leave site.

Additional Comments

N/A

Signature





Vegetation_removal_before_facingNE.jpg



Vegetation_removal_during_facingSE.JPG
-118.17681 34.18802



Vegetation_removal_during_facingS.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Adam Schroeder
Date of Log: April 27, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	50 °F	0-3 MPH	50 %
End of Day	15:00	63 °F	0-3 MPH	80 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Vegetation clearing, grading
2. One skip loader, one backhoe, two water trucks, one blade, one bulldozer
3. 10 personnel (Griffith, John)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RLPA, COYE, HOFI, SPTO, NRWS, CLSW, CORA, AMCR, WEKI, WTSW, MODO, ANHU, CASJ, CALT, CAQU, RTHA, ROPI, Common side blotched lizard, Western fence lizard, Gopher

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Attended tailboard.

0700 Conducted clearance sweep of planned work area.

0725 Monitored backhoe clearing vegetation within the sediment removal area.

1110 Monitored backhoe and skip loader clearing vegetation and building roads further up the creek channel within the sediment removal area.

Additional Comments

N/A

Signature





Backhoe_removing_vegetation_during_facingS.jpg



Skip_loader_removing_vegetation_during_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Max D. Murray
Date of Log: April 28, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	0 %
End of Day	15:00	81 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

- 1) Vegetation removal
- 2) Backhoe, skip loader and bulldozer
- 3) John (Griffith) and Eric (Power Plus)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CORA, WEKI, RSHA, RTHA, TUVU, CAQU, COYE, SOSP, CASJ, BUSH, California ground squirrel, Western fence lizard, Side-blotch lizard, CANG, OATI, VASW, WTSW, TRES, CLSW, NRWS, CATH, SPTO, HOFI, LEGO, Rattus sp., Peromyscus sp.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630 Onsite
0700 Begin clearance of work area; begin monitoring (Pic. 1 and 2).
0745 Coordinate with John (Griffith) to monitor power line installation near bird buffer (BUSH_3).
0800 Coordinate with Eric (Power Plus) for power line installation near BUSH_3 buffer. Begin monitoring.
0820 Electrician enters bird buffer to install power lines (Pic. 3). BUSH still in nest. Other adult just visited - no signs of agitation.
0830 End monitoring electrician after leaving bird buffer.
0845 Begin monitoring vegetation removal.
1450 End monitoring (Pic. 4).
1500 Leave site

Additional Comments

Pic 2: Vegetation removal during facing SW. Pic 4: vegetation removal after facing NE.

Signature





Vegetation_removal_during_facingW.jpg



Vegetaion_Removal-20210514-080446.jpg



Powerline_installation_during_facingNW.JPG
-118.17707 34.1861



Vegetation_removal_facing NE-20210514-080514.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Adam Schroeder
Date of Log: April 28, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	46 °F	0-3 MPH	0 %
End of Day	15:00	81 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Vegetation clearing, grading
2. One skip loader, one backhoe, two water trucks, one blade, one bulldozer
3. 10 personnel (Griffith, John). (Power plus, 1 electrician)

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RLPA, MALL, ATFL, CASJ, CLSW, NRWS, PHAI, CORA, BHGR, KILL, WTSW, EUST, RSHA, CAQU, CALT, WEKI, ANHU, ALHU, MODO, SPTO, ACWO, LEGO, BUSH, COYE, RTHA, YEWA, Common side blotched lizard, Western toad, Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Attended tailboard.

0700 Conducted clearance sweep of planned work area.

0720 Monitored vegetation removal along the west side of the sediment removal area. Relocated 8 Common side blotched lizard and 2 Western fence lizards.

1155 Monitored electrical wire installation along western access road within the BUSH-3 buffer. The electrical line was accessed via manlift while the manlift truck was parked just outside the BUSH-3 buffer.

1245 Monitored road grading with skip loader and bulldozer.

Additional Comments

N/A

Signature





Backhoe_clearing_vegetation_facingN.jpg



Skip_loader_clearing_vegetation_facingNE.jpg



Electrical_work_near_BUSH-3_facingW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Adam Schroeder
Date of Log: April 29, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	56 °F	0-3 MPH	0 %
End of Day	15:00	91 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Vegetation clearing, grading
2. One skip loader, one backhoe, two water trucks, one blade, one bulldozer
3. 10 personnel (Griffith, John).

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CASJ, RLPA, ANHU, COYE, SOSP, CORA, BHGR, RSHA, ACWO, RTHA, ANHU, CAQU, ATFL, CALT, CORA, CAKI, NRWS, CLSW, Common side blotched lizard, Western toad, Coastal whiptail, Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 attended tailboard.

0700 conducted clearance sweep of planned work area.

0720 monitored vegetation removal at northern end of sediment removal area. Relocated 1 Western fence lizard, 1 Western toad, and 1 Coastal whiptail.

0937 monitored bulldozer clearing vegetation along west edge of sediment removal area.

Additional Comments

N/A

Signature





Bulldozer_clearing_vegetation_and_grading_facingSW.jpg



Backhoe_clearing_vegetation_facingNW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alden Lovaas
Date of Log: April 29, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	58 °F	0-3 MPH	0 %
End of Day	15:00	91 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Vegetation clearing
2. One front loader and one skiploader
3. Front loader operator: Jesse, Skiploader operator: Miguel, Griffin construction: Jonny

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SAPH, CORA, CLSW, SOSPO, HOFI, CASJ, RSHA, CALT, COYE, AMCR, Whiptail, BUSH, ACWO, CATH, Botta's pocket gopher, RTHA, Striped racer

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630 Arrived on site

0645 Attended tailboard meeting, crew will continue with vegetation removal on banks at N end of the project site.

0708 Cleared area where vegetation removal will begin on E side of the wash.

0710 Operator (Jesse) is beginning to remove vegetation using front loader.

0730 Observed RTHA bringing nesting material to eucalyptus tree. Marked point in collector as RSHA-1 and notified Lauren. She determined 250 ft buffer be put up around nest.

0800 Crew removing vegetation at northern part of the project site.

0930 Operator Jesse heading to southern side of the project site to clear vegetation along eastern access road. This area is located on the boundary of a restoration area.

1030 Observed irrigation line pulled out of restoration area, stopped Jesse working and called Lauren. Irrigation line appears to have been in the project boundary, all work occurred within the project boundary. Lauren said to proceed with caution for the remaining section.

1100 Operator heading back up to the northern portion of the project site to work near the skip loader.

1300 Front loader operator removing vegetation and skip loader moving removed vegetation into one pile.

1445 Crew done for the day, heading back to staging area.

1500 Left site.

Additional Comments

N/A

Signature





04-29-21_front_loader_clearing_vegetation.jpg



04-29-21_location_of_RSHA_nest.JPG
-118.17118 34.19321



04-29-21_front_loader_removing_vegetation_near_restoration_area.jpg



04-29-21_broken_irrigation_line.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Christine Tischer
Date of Log: April 30, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	62 °F	0-3 MPH	0 %
End of Day	15:00	93 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

6 Griffith, 2 operators (John -skip loader, Jessie – backhoe)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, CALT, CASJ, RTHA, BHGR, CAKI, BUSH, ACWO, BEWR, HOWR, ALHU, Parrots, California ground squirrel, Sceloporus occ, Uta stansburiana, Western toad, SOSPO, ATFL, WREN, NOMO, CATH, CORA, LEGO, HOFI, MALL, NRWS, WEKI, KILL, HOOR, WEBL, EUST

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Attended tailboard at east staging area.

0700 Adam Schroeder provided WEAP training to 1 new personnel, while I headed to northern portion of basin.

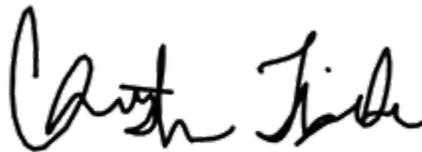
Conducted preclearance sweep of area, no nests or special-status species.

0715 to 1100: 1 backhoe (Jessie) sifting and stockpiling remaining vegetation. 1 skip loader (John) sifting and transporting vegetation to larger stockpiles in center west of Johnson Field. 1 water truck watering down perimeter roads throughout. 1 grader grading western road in late morning. 1 vibratory roller compacting NW haul road and staying below BUSH-3 buffer. KILL-1 and KILL-2 discovered and buffer flagged in basin. Total of 5 Sceloporus, 6 Uta stansburiana and 1 Western road safely relocated outside work area.

Additional Comments

N/A

Signature





photo_1-20210430-182438looking southeast toward Johnson Field.jpg
-118.17126 34.19417



photo_3-20210430-182150looking north at backhoe and skiploader.jpg
-118.17125 34.19417

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Scott Werner
Date of Log: April 26, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	49 °F	0-3 MPH	90 %
End of Day	15:00	62 °F	7-9 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of about 12 with Daniel Holmes, foreman. Planting on west side in DG-W-2 Mining Pit.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BUOR, HOFI, SOSP, BUSH, CASJ, UNFL, SPTO, YRWA, CALT, BHGR, HOWR, NUWO, BLPH, Desert cottontail, WAVI, OCWA, NRWS, ACWO, ATFL, CAQU, LEGO, Western fence lizard, Sagebrush lizard, Western toad, Southern Pacific rattlesnake, RTHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Crew is planting in DG-W-2 Mining Pit under wilows and along newly dug channel. Buffer for BEWR_1 may be too small. An adult came in with food and saw me staring at it while standing next to a flag at the buffer edge (55 ft), and spooked the bird away.

0840 After monitoring ANHU_5 several times with no activity, I confirmed contents were empty with a pole-mirror. temp crew in route to pull pepperweed. NI excavator is in vicinity drilling some more holes.

1000 I advised Daniel to move the planting crew slightly further away from west side of BEWR_1. Flagging is only about 30 feet from nests. I directed them to move on far side of mule fat clump, about 50-60 ft. Pair seems to be doing okay as I checked back several times during the day. Rescued a western toad from planting hole, and Mike and I scooted some Fence lizards out from under the excavator. Pointing out native Calif chicory (*Rafinesquia californica*) to nearby temp crew and D.

1400 secondary planting crew heading out.

1400 juvenile Southern Pacific rattlesnake in the valve box along road at 34.191728°N 118.176217°W. I used my snake tongs and small cooler to translocate it about 50 feet away in the brush.

1430 Mike Walsh is leaving so I am monitoring the temp crew. Planting crew is hand-watering today's plantings that aren't connected to irrigation yet.

1450 All crews are now packing up.

Additional Comments

N/A

Signature





photo_1-planting_DG-W-2-MiningPit_facingN.jpg
-118.17415 34.19282



photo_2-excavator-auger_DG-W-2-MiningPit_facingN.jpg
-118.1743 34.19258



photo_3_after_planting_DG-W-2-MiningPit_facingNE.jpg
-118.17429 34.19262

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael walsh
Date of Log: April 26, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	48 °F	4-6 MPH	70 %
End of Day	14:30	64 °F	10-12 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Labor finders crew of 7 hand pulling perennial pepperweed, mustard, poison hemlock and exotic grasses in DG-W-2, DG-W-2 mining pit outlet and DG-4 sheetflow.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

COYE, CALT, CATH, SPTO, MODO, CASJ, NUWO, BEWR, ACWO, BUSH, WEBL, ATFL, YEWA, LISP, AMCR, SOSF, HOFI, California ground squirrel, OCWA, CAQU, Desert cottontail, NRWS, HETH, RTHA, Southern pacific rattlesnake.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Performed a nesting bird survey in DG-4 sheetflow and DG-W-2.

0655: Monitored vegetation clearing in DG-4 sheetflow and DG-W-2, progressing north up the mining pit outlet.

0725: Found a mourning dove nest in DG-4 sheetflow. Area was flagged off and the crew was advised to avoid.

0830: Yellow warbler observed in DG-4 sheetflow.

0840: Crew was moved to DG-W-2 to pull weeds in the footprint of a newly closed bird nest buffer. I remained near the yellow warbler observation for 45 minutes to monitor, found no evidence of nesting.

1400: Found a southern pacific rattlesnake inside an irrigation valve box. Individual was safely relocated with snake tongs by another monitor, Scott Werner.

1430: Crew wrapped up vegetation clearing for the day.

Additional Comments

N/A

Signature





photo_1-before_vegetation_clearing_DG-4-sheetflow_facingSE.jpg
-118.17597 34.19138



photo_2-after_vegetation_clearing_DG-4-sheetflow_facingSE.jpg
-118.17595 34.19134



photo_3-before_vegetation_clearing_DG-W-2_facingE.jpg
-118.17447 34.1929



photo_4-after_vegetation_clearing_DG-W-2_facingE.jpg
-118.17444 34.19296

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 27, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	50 °F	4-6 MPH	20 %
End of Day	14:40	64 °F	7-9 MPH	55 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 7 planting, digging, and laying irrigation in DG-W-2; also, labor finders crew of 7 hand pulling mustard and poison hemlock in DG-4, DG-W-2.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, ACWO, NUWO, BHGR, CALT, RCPA, CATH, SPTO, ATFL, CAQU, WAVI, WIWA, BLPH, OATI, AMCR, HOFI, PUF1, MODO, CORA, PEFA, EUST, CASJ, OCWA, LEGO, SOSP, WTSW, BGGN, BUSH, NRWS, YRWA, ANHU, Western fence lizard, Common side blotched lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Monitored irrigation maintenance in DG-W-2. Wilson's warbler observed briefly in work area.

0742: Crew began planting and digging in DG-W-2.

0800: Switched to monitoring the weeding crew. They were pulling perennial pepperweed in DG-W-2.

1045: Crew began digging a trench to widen out the low flow channel.

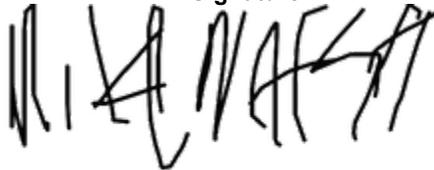
1130: Monitored vegetation clearing in DG-4.

1425: Crew began wrapping up pulling to work on cleanup.

Additional Comments

Raining on and off near end of day. Wilson's warbler was observed briefly on site at the start of the day in an oak tree. No evidence of nesting behavior, appeared to be foraging.

Signature





photo_1-planting_progression_facingW.jpg
-118.17418 34.19268



photo_2-planting_progression_facingN.jpg
-118.17427 34.19266



photo_3-before_pulling_DG-4_facingSE.jpg
-118.17446 34.19145



photo_4-after_pulling_DG-4_facingSE.jpg
-118.17443 34.19147

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: April 27, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	52 °F	4-6 MPH	65 %
End of Day	15:15	65 °F	0-3 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Seven temp agency workers clearing non-native vegetation using hand pulling and hand held tools in DG-W-2 (Mining Pit). After 8am to the end of day biologist switched to monitor Site Prep crew in same location. Daniel- NI foremen.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RTHA, NUWO, MODO, SOSP, ACWO, RCPA, BHGR, YEWA, BUSH, WIWA, WAVI, PUF1, BEWR, CALT, COHA, CASJ, SPTO, HOFI, ATFL, PEFA, BARS, RSHA, CHSP, LEGO, BTYW, PSFL, YRWA, OCWA, BLPH, Baby rodent (possibly woodrat), Coyote, Tree squirrel, HOWR, BGGN, CORA, ROPI, BUOR

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Biologist arrived onsite and met with crew. Crew worked in DG-W-2 Mining Pit hand pulling non-natives (hemlock, mustard, and pepperweed) all work day. They also were instructed to remove wood piles in preparation for planting.

0800 Biologist monitored the Site Prep crew in the same location as the Vegetation Remocal crew for the duration of the day. A couple baby rodents, probably more, were displaced during this. Throughout the day, the biologist was searching for bird nests throughout the day. A Yellow Warbler was observed at the parking lot near the ball court. The male warbler singing and foraging during the observation period. No nesting behavior was observed.

1100: The biologist conducted a precon nesting bird survey of DG-4 Sheetflow area before the crew was scheduled to work here. One new nest, BEWR_3 was discovered and added to Collector here. The biologist reminded the crew picked up their trash and the biologist completed report

1515 Left the site

Additional Comments

Signature





photo_1-20210427-162444.jpg
-118.17416 34.19264



Planting_during_facingW.jpg
-118.17424 34.19285



Planting_crew_during_facingNW.jpg
-118.17433 34.19283

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Scott Werner
Date of Log: April 28, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	49 °F	0-3 MPH	0 %
End of Day	14:30	81 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image planting crew of 7 core workers w/ Daniel Holmes, foreman, plus 5 extras.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ALHU, SPTO, CALT, ACWO, CATH, CAQU, YEWA, OCWA, WIWA, ATFL, CASJ, BHGR, SOSP, HOFI, BUSH, BEWR, YRWA, WETA, RCPA, NRWS, BUOR, WREN, COHA, TUVU, California ground squirrel, HOWR, Desert cottontail, LEGO, West toad, Coastal whiptail, Western fence lizard, Sagebrush lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Planting crew is in DG-W-2 Mining Pit and DG-W-2 Mining Pit Outlet. Tom showed me location of disturbed woodrat nest from yesterday - no young seen.

0710 Daniel starts excavator up, digging more holes in channel bank. YEWA male seen at N end of Mining Pit, 34.193312°N 118.173963°W.

0940 New SPTO nest along channel in hemlock under a log. Guys on planting crew were approaching the 50 ft mark, steered them away, having Tom and Evan move staged pots out of holes and out of 50 ft buffer even though Daniel was able to dig some new holes within 50 feet of nest before its discovery.

1030 Daniel continues digging holes in channel while others skip buffer to plant in drainage further south.

1130 Mike and I look at DG-4 Sheetflow etc to guide more weeding and planting. MODO, BEWR, and ACWO nests nearby. New BUSH_20 nest recorded. ACWO_06 nest location updated. Still 2 Western toads in valve box near failed BUSH_05 but no rattlesnake (from Monday). 2 Coastal whiptail in DG-4 Sheetflow.

230 Daniel done with excavation. Other workers are just watering the plants and sitting up and setting up lines so I'm leaving.

Additional Comments

N/A

Signature





photo_1-excavator-auger_DG-W-2_Mining_Pit_Outlet_facing SW.jpg
-118.17462 34.19225



photo_2_planting_DG-W-2_Mining_Pit_Outlet_facingN.jpg
-118.1747 34.19195



photo_3_excavator_DG-W-2_Mining_Pit_Outlet_facingE.jpg
-118.17587 34.19159



photo_4_planting_irrig_DG-W-2_Mining_Pit_Outlet_facingS.jpg
-118.17471 34.19265

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 28, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	48 °F	4-6 MPH	0 %
End of Day	14:50	81 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Labor finders crew of 6 hand pulling perennial pepperweed and mustard in DG-4 just East of the mining pit outlet channel.

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, WREN, BUSH, SPTO, LEGO, HOFI, CORA, WCSP, ANHU, NRWS, ATFL, CATH, WIWA, CALT, COYE, BEWR, BHGR, RSHA, Desert cottontail, Western fence lizard, California ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Performed a nesting bird survey in DG-4.

0655: Cleared work area and monitored vegetation clearing.

0813: Observed Wilson's warbler foraging in DG-4B. Showed no evidence of nesting behavior.

1200: Moved crew to DG-4 sheetflow to work on weed removal. With them nearby, I used pinflags to mark the edge of the phase 2 planting areas and the new channels which will soon be dug.

1440: Crew began working on cleanup while I inspected the site.

Additional Comments

N/A

Signature





photo_1-veg_clearing_before_DG-4_facingW.jpg
-118.17438 34.19139



photo_2-veg_clearing_after_DG-4_facingW.jpg
-118.17441 34.19137



photo_3-veg_clearing_before_DG-4_facingS.jpg
-118.17433 34.19145



photo_4-veg_clearing_after_DG-4_facingS.jpg
-118.17433 34.19142

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 29, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	59 °F	0-3 MPH	0 %
End of Day	15:10	91 °F	7-9 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Labor finders crew of 6 hand pulling poison hemlock and perennial pepperweed in DG-4 sheetflow.

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, BEWR, SOSP, SPTO, MODO, COYE, BHGR, CASJ, ATFL, NRWS, HOFI, CAQU, BUSH, LEGO, HOWR, PISI, CORA, ALHU, Coastal whiptail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Had a tailgate meeting with the crew to reiterate current nest buffers in the work area.

0655: Monitored vegetation clearing in DG-4 sheetflow.

0845: Crew started tarping up the newly pulled plant material in DG-4 sheetflow to make room for planting.

1000: Found a bushtit nest in DG-4 sheetflow (BUSH 22). Area was flagged off and crew was advised to avoid.

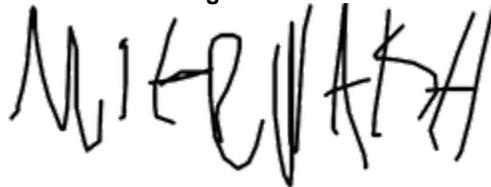
1030: Crew continued hand pulling vegetation in DG-4 sheetflow, I monitored this closely due to the presence of multiple birds' nests nearby. No behavioral changes were observed.

1445: Crew began working on cleanup for the day while I inspected the site and took photos.

Additional Comments

N/A

Signature





photo_1-before_pulling_DG-4_sheetflow_facingS.jpg
-118.17599 34.19136



photo_2-after_pulling_DG-4_sheetflow_facingS.jpg
-118.176 34.19132



photo_3-before_pulling_DG-4_sheetflow_facingN.jpg
-118.17595 34.19142



photo_4-after_pulling_DG-4_sheetflow_facingN.jpg
-118.17603 34.19133

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Margie Pfeffer
Date of Log: April 29, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	58 °F	0-3 MPH	0 %
End of Day	15:00	93 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew (13) planting and installing irrigation in DG-W-2 mining pit outlet.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, BUSH, CASJ, HOFI, CALT, ATFL, ANHU, ACWO, BEWR, SPTO, CAQU, WCSP, SOSP, LEGO, NUWO, RTHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Met with crew and monitor for weeding crew. Both crews will be working nearby as weeding crew clears area to be planted next week. Observed planting in DG-W-2 mining pit outlet and irrigation install in mining pit and outlet.

0800 Took photo points around site.

1015 Observed female yellow warbler in willows and mule fat along west edge of staging area. Startled out of mule fat by frisbee from nearby disc golf course, flew east.

1230 Monitored use of mini-excavator to fix part of channel in DG-W-2 where grade was too high/channel too narrow. Per request by ECORP.

1330 Observed while crew planted and installed irrigation emitters in SPTO-1 buffer. Did not seem disturbed. Male calling nearby but not distressed.

1345 Continued monitoring channel repair by mini-excavator

1445 Will have crew use hand tools to refine tomorrow.

Additional Comments

N/A

Signature





Prepping to plant_DG-W-2_facing W.jpg
-118.17531 34.19155



Dirt moving to fix channel_DG-W-2_facing W.jpg
-118.17399 34.19296



Drainage in progress.jpg
-118.17411 34.19312

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: April 30, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	64 °F	0-3 MPH	1 %
End of Day	14:40	93 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 6 planting, digging, clearing vegetation, and laying irrigation in DG-W-2 (mining pit and mining pit outlet), DG-4 sheetflow.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, CALT, CASJ, COYE, SPTO, BHGR, CATH, LEGO, HOFI, WETA, ACWO, CORA, BGGN, OATI, YRWA, RTHA, COHA, ALHU, SOSPO, ANHU, ATFL, Western fence lizard, Desert cottontail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Monitored planting and irrigation setup in DG-W-2 (mining pit outlet) and DG-4 sheetflow.

0820: Supervised use of an excavator to widen the channel in DG-W-2.

1000: Crew began moving some snags out of the way in DG-W-2 and laying irrigation.

1130: Monitored vegetation clearing in DG-4 sheetflow.

1300: Monitored planting and digging in DG-W-2. 1430: crew wrapped up planting and digging to focus on cleanup while I inspected the site and took photos.

Additional Comments

N/A

Signature





photo_1-after_channel_widening_DG-W-2_facingN.jpg
-118.1741 34.19294



photo_2-planting_progress_DG-W-2_facingN.jpg
-118.17394 34.19331



photo_3-planting_progress_DG-4-sheetflow_facingS.jpg
-118.17598 34.19136

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Margie Pfeffer
Date of Log: April 30, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	63 °F	0-3 MPH	5 %
End of Day	13:30	93 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image and Labor Finders crew (7) hand-weeding in DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, CCGO, HOFI, MODO, BUSH, ACWO, NUWO, CALT, LEGO, WETA, Desert cottontail, Western fence lizard, RTHA, COHA, WIWA, CASJ, ALHU, NRWS

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Gave WEEP training to new temp worker (Gio). Rest of the crew got started pulling in DG-4 and DG-4 sheetflow under M. Walsh's supervision.

0710 Joined crew. Observed hand-pulling young poison hemlock and pepperweed.

0900 Moved crew to small planted area of DG-4 at south end of restoration staging area. Instructed crew to focus on flowering mustards.

1000 Checked on completed drainage in mining pit. Crew members were evening soil with hand tools.

1030 Crew continued to pull mustards in DG-4, avoiding native annuals. Finished tarping up vegetation at

1315 Crew finished day moving large dead willow limbs from mining pit to block social trails.

Additional Comments

N/A

Signature





Weeding DG-4_facing S.jpg
-118.17617 34.19126



Pulling mustards_before_facing SW.jpg
-118.17526 34.19189



After_mustards pulled.jpg
-118.17527 34.19211