

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Wappler
Date of Log: February 3, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	47 °F	0-3 MPH	5 %
End of Day	15:15	66 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew weeding with hand tools. 6 laborers (Ernesto and Jesus D. dismissed in morning due to COVID-19 concerns) and foreman Daniel Holmes

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 1, rsha 1, amcr 5, cang 70, mall 12, kill 2, casj 2, acwo 2, anhu 2, calt 3, auwa 13, blph 1, sosp 4, lisp 1, bewr 3, deju 2, hofi 10, oati 3, bush 12, rcki 3, lego 5, side-blotched lizard 3, desert cottontail 1, California ground squirrel 5

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

645 monitored weeding of perennial pepperweed, curly dock, and poison hemlock at southern end of DG-4. 1515 end of day.

Additional Comments

N/A

Signature

D. W.



weeding_start_of_day_facingNW.jpg
-118.17697 34.18651



weeding_afternoon_facingN.jpg
-118.17726 34.18696

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: February 4, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	48 °F	0-3 MPH	100 %
End of Day	15:00	66 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 7 laying irrigation, planting and digging holes 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:

OATI, CASJ, WCSP, CATH, ALHU, COHU, AMCR, CALT, SOSP, BEWR, RTHA, AMKE, ACWO, HOFI, MODO, YRWA, LEGO, CORA, California ground squirrel, desert cottontail, western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: monitored planting and digging in the eastern lip of DG-W-1. Counted remaining plants.

0900: surveyed DG-2 for nesting birds. Nothing found.

1020: crew moved to the western lip of DG-W-1 to re dig holes/plant where the previous crew had left numerous unfinished.

1300: crew began measuring the low flow channel and laying new irrigation in DG-W-1.

1500: crew wrapped up for the day

Additional Comments

N/A

Signature





photo_1-planting_progress_facingSE.jpg
-118.17207 34.19198



photo_2-planting_progress_facingSW.jpg
-118.17083 34.19172



photo_3-crew_laying_irrigation_facingE.jpg
-118.17113 34.19171

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Deven Kammerichs-Berke
Date of Log: February 4, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	45 °F	0-3 MPH	100 %
End of Day	15:07	63 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

5-person Natures Image crew clearing vegetation in the understory hemlock in DG-4A, north of the creek bridge.

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 SPTO RCKI AUWA MALL CANG NUWO COHA AMCR ANHU WCSP HETH BLPH RCKI LEGO ACWO
DOWO RSHA NOMO CASJ KILL SOSP

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645-1500: Crew vegetation clearing in DG-4A, patch just north of creek bridge (34.1888839, -118.1774198), eventually moving north towards Primrose area. Lots of water in the reservoir, high counts of CANG. Crew stopped vegetation work at 1500.

Additional Comments

N/A

Signature





Vegetation_clearing_before_facingE.jpg
-118.17735 34.18883



Vegetation_clearing_after_facingE.jpg
-118.17739 34.18877



Vegetation_clearing_area2_during_facingNW.jpg
-118.17662 34.18941



Vegetation_clearing_after_area2_facingE.jpg
-118.17682 34.18962

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Deven Kammerichs-Berke
Date of Log: February 5, 2021

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

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

4-person Natures Image crew vegetation clearing <5 inch pepperweed 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 LEGO HOFI RCKI AMCR BLPH NUWO NOFL CANG MALL KILL BUSH CALT WCSP CORA CATH CASJ
STJA RTHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645-1500: Vegetation clearing in DG-4, primrose site. Clearing <5 in. pepperweed sprouts. 2 STJA consistently seen in the area throughout the morning. Crew stopped vegetation work at 1500.

Additional Comments

N/A

Signature





Vegetation_clearing_before_facingNW.jpg
-118.177 34.18961



Vegetation_clearing_after_facingE.jpg
-118.17726 34.1899

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: February 5, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	55 °F	4-6 MPH	0 %
End of Day	14:45	68 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Six Natures Image workers digging holes and planting potted plants using hand tools and a back hoe auger in Johnson Field, DG W-1. Daniel (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:

KILL, RTHA, NUWO, CANG, MALL, MODO, SOSP, OATI, RCPA, CASJ, CITE, CATH, YRWA, BLPH, BUSH, CORA, RNDU, DCCO, WCSP, ALHU, NOFL, SPTO, ACWO, RCKI, ANHU, CALT, BEWR, AMCR, HOFI, LEGO, SAPH, BTPI, RUDU, NOMO, CAKI, California ground squirrel, COHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 biologist arrived onsite and met with crew. Crew began digging holes using hand tools and planting potted plants. Around 1030, the crew utilized a hand-held auger and a backhoe auger attachment to dig holes for plants in addition to hand-held tools. After lunch the crew continued working in the same location (Johnson Field) and doing the same tasks as before lunch. They continued this until the end of work day. Site was cleaned up, empty buckets removed, and the heavy equipment was removed from Johnson Field and drainage for the weekend. Biologist completed report and left site at 1445.

Additional Comments

N/A

Signature





Planting_hole-dig_during_facingS.jpg
-118.1712 34.19203



Planting_drill_holes_during_facingSW.jpg
-118.17072 34.19176



Planting_hole_dig_during_facingS.jpg
-118.1714 34.19216

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	55 °F	0-3 MPH	100 %
End of Day	15:00	70 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Laborfinders crew of 6 handpulling hemlock seedlings, horehound and mustard in DG-2, DG-2 new channels, DG-2B, DG-W-1 and DG-2 WOUS.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WCSP, CATH, CALT, YRWA, SPTO, SOSP, BLPH, ACWO, AMKE, RTHA, CASJ, HOFI, TUVU, NOFL, CORA, RCKI, WREN, CANG, MALL, KILL, RNDU, BGGN, BUSH, COHA, LEGO, MODO, Botta's pocket gopher

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: instructed crew to move to a new parking area separate from the planting crew.

0650: monitored vegetation clearing in DG-2, DG-2 new channels.

1130: moved the crew to DG-2B to pull mustard and horehound.

1445: moved crew to DG-W-1 to pull horehound and poison hemlock.

Additional Comments

N/A

Signature





photo_1-DG-2_before_pulling_horehound_facingN.jpg
-118.17232 34.18926



photo_2-DG-2_after_pulling_horehound_facingN.jpg
-118.17233 34.18926



photo_3-DG-2_before_pulling_hemlock_facingSE.jpg
-118.17192 34.19074



photo_4-DG-2_after_pulling_hemlock_facingSE.jpg
-118.17196 34.19088

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Margie Pfeffer
Date of Log: February 1, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	56 °F	0-3 MPH	100 %
End of Day	15:15	69 °F	0-3 MPH	60 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew (8) planting and augering holes 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:

RTHA, CORA, ANHU, CASJ, ALHU, CALT, BLPH, AMKE, WCSP, ACWO, desert cottontail, MALL, SOSP, LEGO, TUVU, CANG, NOFL, YRWA, MODO, BUSH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 instructed weeding crew to move vehicles to other parking area to maintain separation from planting crew during breaks.

0700 WEEP trained new Natures Image employee (Kyle). Observed while crew continued planting.

0730 Foreman began using auger attachment on mini excavator to continue prepping holes in south end of Johnson Field.

1000 walked site with Michael Walsh to scout areas where weed crew should focus efforts. Majority of areas still only have weed seedlings.

1500 crew stopped planting and cleaned up equipment and trash.

Additional Comments

N/A

Signature





Planting_facing S.jpg
-118.1717 34.19215



Continued planting_facing NE.jpg
-118.17199 34.19119

MP

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	55 °F	0-3 MPH	10 %
End of Day	15:14	72 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 8 planting and digging holes 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:

SOSP, SPTO, AMCR, CAQU, CATH, CALT, WCSP, MALL, ANHU, GOEA, WEBL, RTHA, COHA, LEGO, BUSH, ACWO, BLPH, COHU, NOFL, TUVU, MODO, desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: monitored planting and digging in DG-W-1. Digging was done by hand and with excavator.

0745: Observed golden eagle slightly off site. See notes.

0920: assigned a crew member to dig new holes in an area which had been planted by the previous Natures Image crew where a large number of holes (106) had been skipped.

1410: observed 2 coyotes come out of some mulefat near the excavator. The area was surveyed for dens, none were directly observed but the possibility remains that there is one nearby. Work continued under very close observation.

1500: crew wrapped up while I took photos and inspected the site.

Additional Comments

The golden eagle was observed in a tree ~30ft off the ground located in someone's yard near the southeast side of the site. Tree was roughly 75 feet from edge of site. After 5 minutes of observation, the eagle took off and flew a lap around the site, then inclined and flew north into the mountains. Individual was a juvenile. Photo included was taken from the boulder at the southwest corner of the Johnson field, does not include actual bird. Perch located at 34.189489N x 118.171638W.

Signature





photo_1-planting_progress_facingE.jpg
-118.17198 34.19119



photo_2-digging_progress_facingW.jpg
-118.17199 34.19117



photo_3-GOEA_perch_location_facingS.jpg
-118.17197 34.19116

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Wappler
Date of Log: February 2, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	5 %
End of Day	15:00	71 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Natures Image crew weeding using hand tools. Foreman Daniel Holmes and Laborers Daniel, Cynthia, Jesus A., Jesus D., and Jose.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CANG 40, CORA 3, COHA 1, CASJ 2, BEWR 3, CALT 3, HOFI 5, AUWA 3, OATI 1, LEGO 3, BUSH 12, RCKI 2, SOSPO 1., alligator lizard 1, side-blotched lizard 3, California ground squirrel 1

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0700: Relocated to west side meeting area.

0700: Received WEEP and project orientation from Margie Pfeffer.

0800: Monitored Natures Image weeding crew (5 laborers) using hand tools and hand pulling perennial pepperweed, poison hemlock, and black mustard at the southern end of DG-4.

1500: End of Day

Additional Comments

N/A

Signature





Vegetation_weeding_mid-morning_facingNW.jpg
-118.17683 34.18626



Vegetation_weeding_pepperweed_facingNW.jpg
-118.17708 34.18672



Vegetation_weeding_after_facingNW.jpg
-118.17686 34.18626

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: February 3, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	46 °F	0-3 MPH	20 %
End of Day	15:00	64 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 7 planting, laying microlines and digging holes 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:

CAKI, ALHU, OATI, CASJ, SOSP, CALT, CATH, WCSP, CAQU, YRWA, SPTO, BGGN, CANG, MALL, KILL, PEFA, RTHA, NOMO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: monitored planting and digging in DG-W-1.

1030: supervised use of excavator in DG-W-1.

1200: performed a nesting bird survey in DG-2 in anticipation of finishing DG-W-1.

1215: observed a peregrine falcon in DG-2. See additional comments section.

1400: a few crew members switched to microline maintenance.

1450: observed 2 RTHA mating ~400 feet north of Johnson field in a large sycamore. This is the second time this has been observed with this pair.

1500: crew wrapped up for the day.

Additional Comments

Peregrine falcon was observed perched 20 ft up in a snag (DG-2, south end) for 90 minutes resting. It took off, divebombed a flying RTHA, and landed in JPL on the side of a building. I lost it a few minutes after landing. No evidence of nesting behavior, individual is likely an adolescent per the breast/throat coloration.

Signature





photo_1-planting_and_digging_facingN.jpg
-118.17153 34.19145



photo_2-microline_maintenance_facingS.jpg
-118.17159 34.19089



photo_3-PEFA_perching_facingE.jpg
-118.17284 34.18881

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	55 °F	0-3 MPH	100 %
End of Day	14:45	70 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Six Natures Image workers performing irrigation set-up, digging holes and planting potted plants using hand tools and two backhoe augers in Johnson Field, DG W-1 and DG-2 (New Channels). 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:

KILL, RTHA, NUWO, CANG, MALL, MODO, SOSP, OATI, RCPA, CASJ, CATH, YRWA, BLPH, BUSH, CORA, RNDU, WCSP, ALHU, NOFL, ACWO, RCKI, ANHU, CALT, BEWR, AMCR, HOFI, LEGO, SAPH, BTPI, RUDU, CAKI, California ground squirrel, BGGN, WEBL, western toad, COHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 biologist arrived onsite and met with crew. Crew began digging holes using hand tools and planting potted plants and installing irrigation. Around 0900 the crew utilized a handheld auger and a backhoe auger attachment to dig holes for plants in addition to hand-held tools. After lunch the crew continued working in the same location at Johnson Field and the channels and doing the same tasks as before lunch. They continued this until the end of work day. Site was cleaned up, empty buckets staked and organized. Biologist completed report and left site at 1445.

Additional Comments

While the crew was augering a hole, they stumbled upon a plastic pipe. Unclear the purpose of pipe. The pipe was flagged and left in tact. Margie (Stillwater) was notified.

Signature





Irrigation_maintenance_during_facingSW.jpg
-118.17151 34.1921



Planting_before_facingN.jpg
-118.17179 34.19128



Planting_digging_holes_during_facing E.jpg
-118.17219 34.19171

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: February 9, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	48 °F	0-3 MPH	100 %
End of Day	14:00	57 °F	0-3 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 7 digging and planting in DG-W-1, DG-2, and DG-2 new channels.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NUWO, CASJ, CATH, ACWO, RTHA, WCSP, ANHU, BUSH, OATI, ALHU, BLPH, AMKE, MODO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: monitored planting and digging in DG-W-1. Located an ACWO granary in a telephone pole slightly north of the property line.

0920: monitored use of an excavator in DG-2, DG-2 new channels.

1225: observed a pair of RTHA mating in a 50 ft sycamore roughly 400 feet north of the site.

1345: crew began wrapping up planting and digging while I inspected the site and took photos. Planting stopped early because the crew used the last of the plants they have.

Additional Comments

N/A

Signature





photo_1-digging_efforts_facingE.jpg
-118.17195 34.19086



photo_planting_efforts_facingNE.jpg
-118.17199 34.19106

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Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: February 9, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	50 °F	0-3 MPH	80 %
End of Day	14:45	66 °F	0-3 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Five workers from a temp agency performing vegetation removal by scraping the sprouting plants using hand tools and pulling the passion vine from the native trees. DG-4A and DG-4. 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, CANG, MODO, SOSP, OATI, RCPA, CASJ, CATH, YRWA, BLPH, BUSH, CORA, WCSP, ALHU, NOFL, ACWO, RCKI, ANHU, CALT, BEWR, AMCR, HOFI, LEGO, SAPH, CAKI, California ground squirrel, BGGN, WEBL, Botta's pocket gopher, STJA, LISP, SPTO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 biologist arrived onsite and met with crew. Crew began removing vegetation, scraping topsoil surface including plant sprouts. The biologist had three of the crew members work on removing non-native passion flower vine (already set seed) from trees along the access road. This crew shortly after switched back to scraping sprouts using hand tools. After lunch, the crew continued scraping sprouts until the end of day. Trash was removed from site. Biologist left at 1445.

Additional Comments

Signature





Vegetation_removal_after_facingSW.jpg
-118.17712 34.18992



Vegetation_removal_during_facingN.jpg
-118.17694 34.19041



Vegetation_clearing_during_facingSW.jpg
-118.17669 34.19082



Vegetation_clearing_after_facingN.jpg
-118.17696 34.19041

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: February 10, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	48 °F	0-3 MPH	100 %
End of Day	14:38	61 °F	4-6 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 8 laying irrigation, fixing collapsed plant holes, digging holes and fusing pipes in DG-W-1/DG-2, DG-2 new channels, also doing irrigation repairs 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:

SSHA, WCSP, CALT, CASJ, AMKE, RTHA, AMCR, CATH, MODO, RNDU, MALL, ACWO, NOFL, YRWA, OATI, NUWO, SOSP, SPTO, desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: crew began fixing collapsed holes/fusing pipe in DG-W-1 while a second crew layed some irrigation nearby in DG-2. Monitored these efforts.

0930: 1 crew member was sent to DG-4/DG-4A to repair some irrigation lines.

1000: monitored use of an excavator to dig holes in DG-2, DG-2 new channels.

1430: crew began wrapping up digging and fusing efforts to work on maintenance of lines while I inspected the site.

Additional Comments

N/A

Signature





photo_1-collapsed_hole_before_fixing_facingW.jpg
-118.1717 34.19083



photo_2-collapsed_hole_after_fixing_facingW.jpg
-118.17169 34.19083



photo_3-crew_fusing_pipe_facingE.jpg
-118.17175 34.19082



photo_4-crew_laying_irrigation_DG-2_facingN.jpg
-118.17233 34.19055

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: February 10, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	48 °F	0-3 MPH	90 %
End of Day	14:45	66 °F	0-3 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Five workers from a temp agency performing vegetation removal by scraping sprouts and other non-natives using hand pulling and handheld tools in DG-4 and DG-4B. 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, CANG, MODO, SOSPO, OATI, RCPA, CASJ, CATH, YRWA, BLPH, BUSH, CORA, WCSP, ALHU, NOFL, ACWO, RCKI, ANHU, CALT, BEWR, AMCR, HOFI, LEGO, SAPH, CAKI, California ground squirrel, BGGN, SPTO, COHA, EUST, DEJU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 biologist arrived onsite and met with crew. Crew worked in DG-4 initially scraping sprouts with hand tools. After their first break they continued in DG-4, but in another location near the parking dumpster area. In this location, the biologist separated the crew having some individuals work on hand pulling young non-native mustards and hemlocks, and other individual pulling dead hemlock and tarping it. Another crew member picked up trash throughout the restoration area. After lunch, two of the crew members moved to pulling small mustards and hemlock weeds in DG-4B (very sparse non-natives here) then to DG-4 (Boulder Zone). The biologist left the site at 1445.

Additional Comments

Evidence of cottontail herbivory on many of the planted plants.

Signature





Vegetation_clearing_during_facingN.jpg
-118.17693 34.19047



Vegetation_clearing_before_facingSE.jpg
-118.17533 34.19189



Vegetation_clearing_during_facingSE.jpg
-118.1755 34.19202

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: February 11, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	49 °F	0-3 MPH	30 %
End of Day	15:00	64 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 9 digging holes (by hand and with an excavator), fusing pipes, laying irrigation and helping organize/unload a plant delivery in DG-2, DG-2 new channels, and 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:

RTHA, CATH, MODO, WCSP, SPTO, SOSP, NOFL, NUWO, ACWO, CASJ, CALT, LEGO, OATI, BLPH, ALHU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: supervised crew fixing berms in DG-W-1.

0660: monitored pipe fusion nearby in DG-2.

0900: monitored use of an excavator to dig holes in DG-2/DG-2 new channels.

0908: plants arrived from tree of life. All plants were unloaded, organized, inventoried and checked for disease by the crew and myself. There were no unexpected shortages.

1215: entire crew moved into DG-2/DG-2 new channels to dig holes and lay irrigation.

1450: crew wrapped up digging while I inspected the site.

Additional Comments

N/A

Signature





photo_1-crew_fusing_pipe_facingW.jpg
-118.17202 34.19072



photo_2-excavator_use_DG-2_new_channels_facingS.jpg
-118.17201 34.19092



photo_3-plant_inventory_facingE.jpg
-118.17159 34.19081



photo_4-manual_digging_DG-2_new_channels_facingNW.jpg
-118.17204 34.19053

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Deven Kammerichs-Berke
Date of Log: February 11, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	45 °F	0-3 MPH	10 %
End of Day	14:15	70 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

5 person Labor Finders weeding crew clearing vegetation, short pepperweed and hemlock in DG-4 "Twin Boulders".

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 CANG NOFL NUWO BGGN SPTO ANHU AMCR RCPA CASJ BEWR AUWA CATH MODO RTHA RSHA
LEGO SAPH BLPH ACWO CALT swallow sp.

Did You Observe any Non-Compliance Issues? Yes No

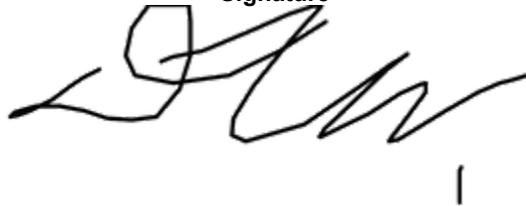
Log Entry

0645-1400: Vegetation clearing in DG-4. Primarily <5 inch pepperweed sprouts and hemlock.
1415: Crew stopped vegetation work and did pipeline maintenance with Dee.

Additional Comments

N/A

Signature



A handwritten signature in black ink, appearing to be 'DKB', written over a horizontal line. Below the signature is a small vertical tick mark.



Vegetation_clearing_before_facingS.jpg
-118.1751 34.19035



Vegetation_clearing_after_facingS.jpg
-118.1751 34.19034

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Deven Kammerichs-Berke
Date of Log: February 12, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	50 °F	0-3 MPH	100 %
End of Day	14:41	70 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Planting crew in DG-2 channel south of Johnson Field. Daniel (Natures Image foreman) using mechanical drill to dig holes for most of the day.

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 CALT WCSP ANHU RTHA AMCR CASJ BGGN BEWR AUWA HOFI NOFL CATH NOMO SSHA RCKI LEGO
ACWO KILL MALL NUWO CAQU CAKI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645-0805: Work delayed due to rain.

0805: Rain mostly clears up, light drizzling. Planting work begins in DG-2 south of Johnson Field. Wind picking up significantly at 0940 and died down at around 1130.

1440: Crew transitioned to irrigation pipe installation and maintenance.

Additional Comments

N/A

Signature





Planting_area_DG-2_during.jpg
-118.17193 34.1911



Planting_area_DG-2_after.jpg
-118.17196 34.19103

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	46 °F	0-3 MPH	100 %
End of Day	15:00	64 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Labor Finders crew of 5 hand pulling perennial pepperweed, poison hemlock, mustard, and grasses in DG-4A on the west side of the site near the large primrose patch.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

OATI, CASJ, CALT, WCSP, SOSP, HOFI, SPTO, LEGO, ANHU, MODO, AMKE, ACWO, BUSH, CATH, western fence lizard, AMCR

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0650: monitored vegetation clearing in DG-4A.
0930: swept the nearby areas for nesting activities. Found nothing.
1010: resumed monitoring hand pulling.
1135: scouted for future work areas nearby.
1450: crew began wrapping up pulling while I inspected the site.

Additional Comments

N/A

Signature





photo_1-DG-4A_before_pulling_facingNW.jpg
-118.17668 34.19038



photo_2-DG-4A_after_pulling_facingNW.jpg
-118.17667 34.19037



photo_3-DG-4A_before_pulling_facingSW.jpg
-118.17658 34.19033



photo_4-DG-4A_after_pulling_facingSW.jpg
-118.17662 34.19035

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	46 °F	0-3 MPH	100 %
End of Day	15:00	66 °F	10-12 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 9 planting and digging in DG-2, DG-2 new channels, DG-2 WOUS.

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, WCSP, CALT, CASJ, AMCR, RCKI, SPTO, SOSP, MALL, AMWI, BEWR, RTHA, ACWO, MODO, HOFI, COHU, YRWA, AMKE, NOFL, BUSH, NUWO, OATI, CORA, CAQU, western fence lizard, BLPH, SAPH, WTSW, COHA, TUVU, LEGO, BGGN, ROPI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: crew moved out to DG-2 for a tailgate meeting regarding standards for digging and planting while I did a pre-activity bird sweep. Discovered that the most recent plantings have been eaten by rabbits.

0655: crew began digging and planting in DG-2 in the area beneath the large elderberry trees. A few crew members were assigned to put cages around sambucus plants.

0740: monitored use of an excavator in DG-2 WOUS/DG-2new channels.

0830: crew members moved to the area just west, working on the slope that leads into the channels. Work progressed south.

1000: did a nesting bird survey in the area south of the current work area. Found nothing.

1450: crew wrapped up digging while I inspected the site.

Additional Comments

Signature





photo_1-planting_efforts_DG-2_new_channels_facingN.jpg
-118.17233 34.1899



photo_2-planting_efforts_DG-2_facingN.jpg
-118.17223 34.19064



photo_3-digging_with_excavator_facingS.jpg
-118.17228 34.18995

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: February 16, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	50 °F	0-3 MPH	50 %
End of Day	14:45	68 °F	7-9 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Four workers from a temp agency performing vegetation removal by scraping sprouts and other non-natives using hand pulling and hand held tools in DG-4 and DG-4A. 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, CANG, MODO, SOSP, OATI, RCPA, CASJ, CATH, YRWA, BLPH, BUSH, CORA, WCSP, ALHU, NOFL, ACWO, RCKI, ANHU, CALT, BEWR, AMCR, HOFI, LEGO, SAPH, CAKI, California ground squirrel, BGGN, SPTO, COHA, EUST, DEJU, MALL, RNDU, western fence lizard, side-blotched lizard, mole (dead from unknown causes), AMKE, NUWO, WEBL

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 biologist arrived onsite and met with crew. Crew worked in DG-4 and slightly in DG-4A scraping non-native sprouts (hemlock, mustard, and pepperweed) using hand tools and pulling bigger mustards all work day. Tarps were rarely used because the plants were in such a young stage. Throughout the day, the biologist was searching for bird nest and breeding behavior. The crew took all their required breaks. The biologist reiterated to the crew which plants to remove and which plants are native and not to remove. Also showing them patches of native spouts (Eucrypta sp. and Phacilia sp.) to not-remove. Some of the young native sprouts can easily be over looked when the crew is using tool to scrape. The biologist left the site at 1445.

Additional Comments

Signature





Vegetation_clearing_during_facingW.jpg
-118.17527 34.19004



Vegetation_clearing_after_facingS.jpg
-118.17506 34.19027



Vegetation_clearing_before_facingE.jpg
-118.17536 34.19127

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: February 17, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	43 °F	7-9 MPH	0 %
End of Day	14:40	66 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 10 digging and planting in DG-2, DG-2 new channels

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAKI, CASJ, SPTO, CALT, CATH, WCSP, HOFI, ANHU, SOSP, LEGO, OATI, ACWO, RTHA, black bellied slender salamander, western fence lizard, California ground squirrel, RCKI, BUSH, BLPH, NUWO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: monitored planting and digging around the islands and in the channels in DG-2, DG-2 new channels.

0800: monitored use of an excavator progressing south through DG-2 WOUS

1400: most of the crew began moving plants to make room for tomorrow's delivery.

1440: crew wrapped up digging.

Additional Comments

N/A

Signature





photo_1-planting_efforts_facingS.jpg
-118.172 34.19081



photo_2-planting_efforts_facingN.jpg
-118.1718 34.19035



photo_3-excavator_digging_progress_facingN.jpg
-118.17301 34.18838

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: February 17, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	48 °F	0-3 MPH	10 %
End of Day	15:15	66 °F	10-12 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Five workers from a temp agency performing vegetation removal by scraping non-native sprouts and other non-natives using hand pulling and handheld tools in DG-4 and DG-4A. 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, MODO, SOSP, OATI, RCPA, CASJ, CATH, YRWA, BLPH, BUSH, CORA, WCSP, NOFL, ACWO, RCKI, ANHU, CALT, BEWR, AMCR, HOFI, LEGO, CAKI, California ground squirrel, BGGN, WREN, EUST, western fence lizard, side-blotched lizard, WEBL, coyotes (3+ heard in early AM), ROPI, woodrat, STJA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 biologist arrived onsite and met with crew. Crew worked in DG-4 and slightly in DG-4A scraping non-native sprouts (hemlock, mustard, and pepperweed) all work day. Throughout the day, the biologist was searching for bird nest and breeding behavior. The crew and biologist took all their required breaks. The biologist reiterated to the crew which plants to remove and which plants are native and not to remove and pin flagged a couple young woody natives with potential to be easily overlooked by the crew. The biologist completed report and left the site at 1515.

Additional Comments

Signature





Vegetation_removal_during_facingSE.jpg
-118.17543 34.19036



Vegetation_clearing_during.jpg
-118.17533 34.19024

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: February 18, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	45 °F	4-6 MPH	0 %
End of Day	15:00	66 °F	10-12 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 10 digging, planting, and helping load plants in DG-2, DG-2 new channels, and 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:

AMCR, CASJ, SPTO, WCSP, CATH, ANHU, BEWR, SOSP, CALT, NUWO, LEGO, HOFI, ACWO, MODO, CAKI, BLPH, RTHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: monitored planting and digging in DG-2/DG-2 new channels.

0730: monitored use of an excavator to dig holes.

1000: crew helped unload and organize a shipment of plants from tree of life.

1130: resumed monitoring the planting and digging.

1450: crew wrapped up digging while I inspected the site.

Additional Comments

N/A

Signature





photo_1-crew_placing_microlines_facingN.jpg
-118.17186 34.19016



photo_2-excavator_use_facingS.jpg
-118.17248 34.18924



photo_3-planting_progress_facingN.jpg
-118.17204 34.19076



photo_4-plant_delivery_facingE.jpg
-118.17203 34.19077

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Deven Kammerichs-Berke
Date of Log: February 18, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	49 °F	0-3 MPH	0 %
End of Day	14:49	70 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

5-person Labor Finders crew vegetation clearing in DG-4, south of 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:

BGGN CALT CATH ACWO BEWR SOSP SPTO RBSA SOSP RTHA COHA CORA AMCR BLPH AUWA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645-1500: Crew vegetation clearing in DG-4 south of Twin Boulders area. ACWO excavating a cavity, entered in Collector.

1445: Crew stopped vegetation clearing and picked up trash.

Additional Comments

N/A

Signature





Vegetation_clearing_before_facingS.jpg
-118.17575 34.18989



ACWO_excavation.jpg



ACWO_excavation location.jpg



Vegetation_clearing_after_facingNE.jpg
-118.17573 34.19018

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Margie Pfeffer
Date of Log: February 19, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	44 °F	0-3 MPH	0 %
End of Day	14:30	70 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew (10) planting riparian mix and installing irrigation in DG-2, DG-2, new channels DG-2 WOUS.

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, coyote, SOSP, CORA, ACWO, SPTO, RTHA, CATH, WCSP, ANHU, desert cottontail, HOFI, NOFL, TUVU, LEGO, DEJU, COHA, RCKI, CALT, BEWR

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Crew begins setting up for planting. Observed planting and irrigation install until 1130 then walked site to take photos at photo points, at County request. Returned to monitor crew at 1230. Continued until 1415 when weeding crew joined to help water plants and cage sambucus.

Additional Comments

N/A

Signature





Placing containers_DG-2 new channels.jpg
-118.17178 34.19035



Anti-herbivory cage.jpg
-118.17185 34.19097

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Deven Kammerichs-Berke
Date of Log: February 19, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	46 °F	0-3 MPH	0 %
End of Day	14:07	70 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

5-person Labor Finders vegetation crew raking understory pepperweed/hemlock sprouts in DG-4 south of Twin Boulders.

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 AUWA SPTO ACWO RCKI AMCR BEWR CASJ BGGN RTHA COHA SOSP HOFI NOFL NUWO SPTO CALT
CAKI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645-1400: Crew vegetation clearing in DG-4, south of Twin Boulders. Coyote walked through work area at 0739. Crew stopped vegetation work at 1400.

Additional Comments

N/A

Signature





Vegetation_clearing_before_facingW.jpg
-118.17544 34.19044



Vegetation_clearing_after_facingSW.jpg
-118.17539 34.1904

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	52 °F	0-3 MPH	0 %
End of Day	15:00	79 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Labor Finders crew of 4 hand pulling perennial pepperweed and poison hemlock in DG-4, DG-4A.

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, WCSP, SPTO, NUWO, SOSP, HOFI, BEWR, NOFL, CASJ, BGGN, LEGO, BUSH, MODO, CAKI, CORA, ANHU, RSHA, RTHA, desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: performed a pre-work inspection and monitored vegetation clearing at the border of DG-4A and DG-4.
0830: moved crew to DG-4 near the border of the twin boulders field.
0930: surveyed possible future work areas for nesting bird activity.
1130: moved 2 crew members into DG-4A in the twin boulder field.
1450: crew began wrapping up pulling while I inspected the site and took photos.

Additional Comments

N/A

Signature





photo_1-DG-4A_before_pulling_facingN.jpg
-118.17548 34.19053



photo_2-DG-4A_after_pulling_facingN.jpg
-118.17544 34.1905



photo_3-DG-4A_before_pulling_facingN.jpg
-118.1757 34.19037



photo_4-DG-4A_after_pulling_facingN.jpg
-118.17576 34.19039

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: February 22, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	52 °F	4-6 MPH	0 %
End of Day	14:45	78 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nine Natures Image workers digging holes and planting potted plants using hand tools and a back hoe auger in Johnson Field, DG W-1, DG-2, and DG-2 New Channels. Daniel (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:

KILL, RTHA, NUWO, HOWR, MALL, ALHU, ROPI, MODO, SOSP, OATI, RCPA, CASJ, CATH, YRWA, BLPH, BUSH, CORA, WCSP, NOFL, SPTO, ACWO, RCKI, ANHU, CALT, BEWR, AMCR, HOFI, LEGO, NOMO, CAKI, WREN, California ground squirrel, cottontail, DEJU, AMKE, TUVU, CAQU, BTPI, BEWR, gull sp. (flyover)

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 biologist arrived onsite and met with crew. Crew began digging holes using hand tools, backhoe, auger, and planting potted plants. Irrigation was also installed. The crew continued these activities until the end of work day. The biologist reminded the crew to remove trash at the end of the day, worked on report, then left site at 1445.

Additional Comments

N/A

Signature





Planting_after_facingN.jpg
-118.17208 34.19058



Planting_before_facingE.jpg
-118.17194 34.19058



Planting_during_facingE.jpg
-118.17194 34.19065

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: February 23, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	52 °F	0-3 MPH	0 %
End of Day	13:45	75 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 8 spraying guide dots, laying irrigation, planting and digging holes in DG-2, DG-2 new channels, and DG-2 WOUS.

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, RTHA, WCSP, CALT, CATH, SOSP, SPTO, BUSH, ACWO, YRWA, RTHA, CORA, California ground squirrel, western fence lizard, CEDW, NOFL, LEGO, NUWO, CAQU, ALHU, OATI, common side blotched lizard, BGGN

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: did a pre-activity survey and monitored digging and planting in DG-2, DG-2 new channels.

0715: monitored use of an excavator in DG-2 WOUS.

0830: performed a nesting bird survey on the northwest side of the site in DG-4 in anticipation of construction of a new air monitor.

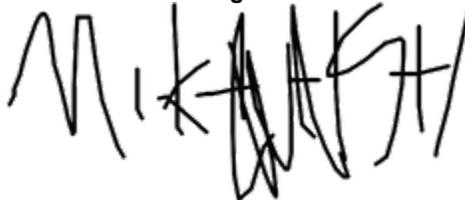
0910: resumed monitoring planting and digging. Sent a few crew members out to spray guide dots for the 8 foot channel bottom. Crew also began laying new irrigation in DG-2, DG-2 WOUS.

1345: crew wrapped up digging.

Additional Comments

N/A

Signature





photo_1-crew_laying_irrigation_facingS.jpg
-118.17216 34.18965



photo_2-planting_progress_facingN.jpg
-118.17207 34.19001



photo_3-planting_progress_facingNW.jpg
-118.17193 34.19047

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: February 23, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	65 °F	0-3 MPH	0 %
End of Day	14:45	73 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Five workers from a Labor Finders performing vegetation removal by scraping non-native sprouts and other non-natives using hand pulling and handheld tools in DG-4 and DG-4A. Daniel and Mario (training) were 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, NOFL, ACWO, RCKI, ANHU, CALT, BEWR, AMCR, HOFI, LEGO, California ground squirrel, BGGN, WREN, EUST, western fence lizard, side-blotched lizard, WEBL, ROPI, RSHA, CANG, COHA, WEBL, SPTO, DEJU, CAKI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 biologist arrived onsite and met with crew. Crew worked in DG-4 and slightly in DG-4A scraping non-native sprouts (hemlock, mustard, and pepperweed) all day. Throughout the day, the biologist was searching for bird nest and breeding behavior. The biologist reiterated to the crew which plants to remove and which plants are native and not to remove and pin flagged a couple young woody natives with potential to be easily overlooked by the crew. The biologist completed report and left the site at 1445.

Additional Comments

Signature





Vegetation_removal_before_facingSW.jpg
-118.175 34.19097

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: February 24, 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	73 °F	0-3 MPH	6 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 9 laying microlines, planting and digging holes in DG-2, DG-2 new channels, DG-2 WOUS.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

OATI, CASJ, CATH, WCSP, RTHA, SPTO, MODO, CALT, SOSPO, HOFI, BUSH, BLPH, California ground squirrel, desert cottontail, CAQU, MALL, western fence lizard, RBSA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: performed a pre-activity nesting bird survey, then monitored planting and digging in DG-2, DG-2 new channels.

0900: performed a pre activity sweep and then moved a few crew members to the northwest corner of DG-2 to resume planting efforts.

1130: monitored use of an excavator in DG-2 WOUS/DG-2.

1322: 2 crew members began laying microlines in the newly planted areas.

1437: crew stopped digging and I inspected the site.

Additional Comments

N/A

Signature





photo_1-planting_progress_facingS.jpg
-118.1717 34.19008



photo_2-planting_progress_facingNW.jpg
-118.17215 34.19133



photo_3-excavator_use_facingS.jpg
-118.17271 34.18897

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amy Plesetz
Date of Log: February 24, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	60 °F	0-3 MPH	0 %
End of Day	14:45	76 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Five workers from a Labor Finders performing vegetation removal by scraping non-native sprouts using hand pulling and handheld tools in DG-4 and DG-4A. Daniel and Mario (training) were 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, NOFL, ACWO, RCKI, ANHU, CALT, BEWR, AMCR, HOFI, LEGO, California ground squirrel, BGGN, WREN, EUST, western fence lizard, side-blotched lizard, WEBL, ROPI, RSHA, CANG, WEBL, SPTO, DEJU, CAKI, CAQU, SAPH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 biologist arrived onsite and met with crew. Crew worked in DG-4 and slightly in DG-4A scraping non-native sprouts (hemlock, mustard, and pepperweed) all day. Throughout the day, the biologist was searching for bird nest and breeding behavior. The crew also needed redirection to avoid creating potholes. The biologist reiterated to the crew which plants to remove and which plants are native and not to remove and pin flagged a couple young woody natives with potential to be easily overlooked. After lunch, the crew was separated and part of the crew worked on pulling dead hemlock(seeds present) and tarping it. One BUSH nest was discovered and logged into Collector. The crew picked up their trash and the biologist completed report and left the site at 1445.

Additional Comments

More than once over the span of a month, a portion of the irrigation main line has been bitten into by an animal. It is reported to Daniel immediately and resolved.

Signature





Vegetation_removal_during_facingSE.jpg
-118.17507 34.19097



Vegetation_removal_after_facingNW.jpg
-118.17491 34.19069



Vegetation_clearing_after_facingE.jpg
-118.17527 34.19137

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Date of Log: February 25, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	50 °F	4-6 MPH	0 %
End of Day	14:30	70 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 12 planting and digging in DG-W-1, DG-2, DG-2 WOUS.

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, CALT, SPTO, SOSP, LEGO, AMRO, MODO, CATH, WCSP, NUWO, WEBL, PEFA, ACWO, HOFI, CORA, RSHA, RNDU, RTHA, CAQU, BEWR, OATI, BUSH, fox squirrel, NOFL, BLPH, AMCR, ANHU, California ground squirrel, TUVU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: monitored planting of mulefat in DG-W-1. Peregrine falcon observed flying over Johnson field.

0920: performed a nesting bird survey in DG-2/DG-2 WOUS, monitored digging holes on the border of the low flow channels with an excavator.

1430: crew wrapped up digging while I inspected the site.

Additional Comments

Peregrine falcon observed flying over Johnson field, did not land on site. Continued flying north until I lost it in the mountains. Observation was at roughly 0830

Signature





photo_1-planting_progress_facingSW.jpg
-118.17092 34.19181



photo_2-planting_progress_facingN.jpg
-118.17155 34.19095



photo_3-excavator_digging_progress_facingS.jpg
-118.17273 34.1888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Margie Pfeffer
Date of Log: February 25, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	48 °F	0-3 MPH	0 %
End of Day	14:50	70 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew (5) hand-weeding in DG-4A, foreman Mario

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, RCKI, CASJ, LEGO, SPTO, WCSP, NUWO, YRWA, BEWR, MODO, CORA, ANHU, SOSP, BUSH, CATH, CALT, STJA, BLPH, NOFL, RTHA, HOFI, NRWS

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Daniel (foreman) got crew started removing young perennial pepperweed and mustards in DG-4, moving west towards planted area.

0800 Walked with new foreman Mario to show the site and different planted areas. Found two irrigation boxes with missing timers. Talked with Daniel about switching to manual controls.

1230 when crew returned from lunch, monitor noticed a dead willow with a broken trunk leaning against another tree. This snag is in an area where the crew will be working, so for safety the crew pushed it down. Monitor first cleared the area for nests and no other trees were damaged.

1400 bagpiper playing.

1450 crew stopped pulling.

Additional Comments

N/A

Signature





DG-4A facingW_before.jpg
-118.17714 34.18993



Knocking down a snag_DG-4A.jpg
-118.17681 34.18964



View of completed area.jpg
-118.17712 34.18986

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Margie Pfeffer
Date of Log: February 26, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	46 °F	0-3 MPH	0 %
End of Day	14:15	73 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew (8) planting in DG-W-1 and digging holes, planting, and laying irrigation in DG-2 and DG-2 WOUS.

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, CASJ, ANHU, LEGO, CATH, CALT, HOFI, RTHA, MODO, CAQU, NOFL, BEWR, WCSP, CORA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Crew continuing to plant mule fat in Johnson Field. The original delivery was short on this species so gaps were purposely left throughout the area. The foremen are continuing to prep the DG-2 areas by digging holes and laying irrigation.

0755 crew finished planting in Johnson Field and moved south to continue planting in DG-2 and DG-2 WOUS.

1300 crew stopped planting for the day while waiting for an essential irrigation part. Foreman continuing to use auger to dig holes along west edge of DG-2. Others are placing microline emitters and picking up trash throughout the site.

Monitor and foreman identified a eucalyptus (approx. 35 ft tall) that will be easily accessible for removal. Coordinating with lead ECORP monitor to schedule bat survey and oversight of removal.

Additional Comments

N/A

Signature





Filling in gaps with mule fat_DG-W-1_facingS.jpg
-118.1716 34.19213



Irrigation set up_DG-2 WOUS_facingN.jpg
-118.17235 34.1893



Augering holes_DG-2_facingS.jpg
-118.17263 34.19097

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Wappler
Date of Log: February 26, 2021

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	46 °F	0-3 MPH	0 %
End of Day	15:15	73 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 4 (Foreman Mario, Jesus, Jose and Daniel) weeding perennial pepperweed in DG-4 and DG-4A using hand tools.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Avian: coha 1, casj 2, stja 1, spto 3, wcsp 14, bewr 4, lego 3, sosp 4, nuwo 1, nofl 1, wbnv 2, auwa 2, rcki 1, hofi 8, bush 14, blph 3, amcr 2, cath 1, phai 1

Herps: side-blotched lizard 3, western fence lizard 4

Mammals: California ground squirrel 1

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645 Arrived at project site

0715 Monitored vegetation clearing

0845 Observed COHA nearby gathering nest material.

1200-30 Lunch

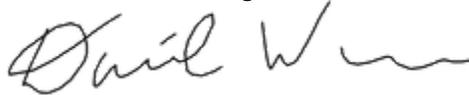
1230 Monitored vegetation clearing

1515 Departed project site

Additional Comments

All trash picked up in weeding area.

Signature





Pulling_pepperweed_facingW.jpg
-118.17666 34.1896



Pulling_pepperweed_facingNW_after.jpg
-118.17651 34.18958