

memorandum

date February 21, 2020

to John Forsythe, AICP

cc Cory Barringhaus (ESA), Eric Zigas (ESA)

from Sharon Dulava (ESA)

subject MPWSP – Ryan Ranch – Bishop Interconnection Project Weekly Report (02/17/2020 – 02/21/2020)

Construction Activities

Construction activities occurred on Ragsdale Drive during the week of 02/17/2020 – 02/21/2020. Construction activities consisted of excavation and installation of 8-inch pipe. Pipeline installation activities were conducted by Monterey Peninsula Engineering (MPE). Additional information about construction activities is included in the weekly CalAm report included in **Appendix A** and CPUC inspection logs included in **Appendix B**.

Compliance Activities

Denise Duffy & Associates (CalAm monitors) were on site for compliance monitoring.

All work is restricted to existing roadways. All storm drains were protected with sand bags and mesh. MPE conducting regular street sweeping.

Excavated spoils are being off hauled. New fill is being delivered throughout the day. All trucks were observed covering their loads.

Special status species plants (i.e., *Horkelia cuneata ssp.*) have been flagged along the entire construction area.

Compliance Issues and Resolutions

On 2/12/2020, CalAm monitors discussed necessary protection measures for woodrat middens which have been found along Ragsdale Avenue with ESA. Some of the middens are within 50 feet of the construction area, but are located on a vegetated hillside not easily accessible by vehicles. The MMCRP notes the following:

Mitigation Measure 4.6-1k.3. If nests are observed outside of the construction area, the qualified biologist shall demarcate a minimum 50-foot buffer area with orange construction fencing and require that all construction activities and disturbance remain outside of the fencing.

CalAm monitors installed flagging along Ragsdale Avenue where middens have been observed to demarcate the area and prevent any construction related impacts to middens.

The work staging and equipment staging area is located at an existing graveled area adjacent to the east side of York Road at Highway 68. An Optional Staging Area Minor Amendment Memorandum was submitted as Appendix B-4 of the NTPR-2 for the Ryan Ranch – Bishop Interconnection.

- Cyclone fencing and wildlife-friendly straw wattle were placed around the graveled area prior to the start of pipeline installation activities. On 2/12/2020, the ESA monitor noted that cars were being parked around a mature coast live oak tree growing along the street and outside of the cyclone fencing and discussed adding fencing as tree protection to prevent and impacts from vehicles and/or equipment. Tree protection was installed in the form of orange construction fencing around the drip line of the coast live oak tree.
- An unnamed creek is located approximately 50-feet north of the staging area. Due to the potential for California red-legged frog to occur in the unnamed creek, ESA recommended installing silt fence around the perimeter of the staging area (not including the road) to prevent any animals from entering the staging area. Silt fence was installed on 2/19/2020 around the staging area.

Photographs:



Photo 1. MPE excavation of pipeline trench on Ragsdale Drive.



Photo 2. Silt fence installed around staging area off of York Road



Photo 3. Tree protection installed around coast live oak tree in front of York Road staging area



Photo 4. Flags along Ragsdale Drive demarcating areas with woodrat middens

APPENDIX A

CalAm Weekly Report



DENISE DUFFY & ASSOCIATES, INC.

PLANNING AND ENVIRONMENTAL CONSULTING

DATE: February 21, 2020

TO: Cory Barringhaus, Environmental Science Associates (ESA)

FROM: Matthew Johnson, Denise Duffy & Associates, Inc. (DD&A)

CC: Even Holmboe, ESA

Sharon Dulava, ESA

Tyler Potter, DD&A

RE: **MPWSP Construction Biological Monitoring Report**

Denise Duffy & Associates, Inc. (DD&A) is contracted with AECOM to provide biological monitoring support for the California American Water Company (Cal-Am) Monterey Peninsula Water Supply Project (MPWSP). Biological monitoring includes providing environmental guidance to construction personnel and ensuring the project remains in compliance with the Mitigation, Monitoring, Compliance, and Reporting Program (MMCRP).

This report summarizes the results of monitoring for the week of **February 12 through February 20, 2020.**

| | |
|--|---|
| Project/Component: Ryan Ranch – Bishop Interconnection Project | Work Location: Ragsdale Drive and Ryan Ranch Staging Area |
| Monitoring Period: 2/12/2020 – 2/20/2020 | Project Completion Status: 0% Complete |
| Construction Contractors/Personnel: Monterey Peninsula Engineering | Biological Lead: M. Johnson |
| Biological Monitors: P. Krabacher, M. Hofmarcher | Days on Site: 2/12, 2/13, 2/14, 2/18, 2/19, 2/20 |

| | |
|---|--|
| Biological Surveys: Nesting Birds, American Badger | WEAP Training: Yes |
| New Sensitive Resources: No | SWPPP Corrective Actions/Maintenance: No |
| Encountered Special-Status Species: No | Hazardous Spills: No |
| Relocated Plants or Wildlife: No | Non-Compliance Issues: No |

Summary of Construction Activities

This section is intended to provide a brief summary of daily construction progress. For a more detailed description of construction activities please refer to the daily logs prepared by Cal-Am's Inspector.

- 2/12/2020
 - Mobilization of equipment and materials
 - Pipe installation from Station 10+65 to 11+45.
 - 84 total linear feet of pipeline installation.
- 2/13/2020
 - Pipeline installation from Station 11+45 to 13+82.69.
 - 240 linear feet of pipeline installed, 324 total feet of pipeline installation.
- 2/14/2020
 - Pipeline installation from Station 11+82.69 to 16+72.
 - 290 linear feet of pipeline installed, 614 total feet of pipeline installation.
- 2/18/2020
 - Pipeline installation from Station 16+72 to 19+25
 - 258 linear feet of pipeline installed, 872 total feet of pipeline installation.
- 2/19/2020
 - Pipeline installation from Station 19+25 to 22+50.
 - 325 linear feet of pipeline installed, 1197 total feet of pipeline installation.
- 2/20/2020
 - Pipeline installation from Station 22+50 to 25+48.
 - 288 linear feet of pipeline installed, 1485 total feet of pipeline installation.

Summary of Monitoring Activities

- 2/12/2020
 - Conducted wildlife clearance survey on all vehicles and equipment at staging area and on alignment.
 - Walked alignment and staging area during construction activities and conducted daily monitoring requirements as per MM 4.6-1c.
 - Met with ESA and walked site, determined approximate location of silt fencing and tree protection at staging area.
 - Photographed and recorded all monitoring activities.
- 2/13/2020
 - Conducted wildlife clearance survey on all vehicles and equipment at staging area and on alignment.
 - Walked alignment and staging area during construction activities and conducted daily monitoring requirements as per MM 4.6-1c.
 - Conducted WEAP training for new MPE employee as per MM 4.6-1b.
 - Conducted surveys for nesting birds and Monterey Dusky-footed woodrat (MDFW) nests along pipeline alignment.
 - Photographed and recorded all monitoring activities.
- 2/14/2020
 - Conducted wildlife clearance survey on all vehicles and equipment at staging area and on alignment.
 - Walked alignment and staging area during construction activities and conducted daily monitoring requirements as per MM 4.6-1c.

- Conducted survey for nesting birds along pipeline alignment ahead of current construction activities.
- Flagged MDFW nests adjacent to pipeline alignment.
- Requested additional trash receptacles for MPE trucks and staging area from MPE Project Manager.
- Photographed and recorded all monitoring activities.
- 2/18/2020
 - Conducted wildlife clearance survey on all vehicles and equipment at staging area and on alignment.
 - Walked alignment and staging area during construction activities and conducted daily monitoring requirements as per MM 4.6-1c.
 - Confirmed addition of trash receptacles for staging area.
 - Conducted survey for nesting birds along pipeline alignment ahead of current construction activities.
 - Photographed and recorded all monitoring activities.
- 2/19/2020
 - Conducted wildlife clearance survey on all vehicles and equipment at staging area and on alignment.
 - Walked alignment and staging area during construction activities and conducted daily monitoring requirements as per MM 4.6-1c.
 - Conducted WEAP training for two (2) MPE employees as per MM 4.6-1b.
 - Directed installation of silt and ESA fencing at staging area.
 - Photographed and recorded all monitoring activities.
- 2/20/2020
 - Conducted wildlife clearance survey on all vehicles and equipment at staging area and on alignment.
 - Walked alignment and staging area during construction activities and conducted daily monitoring requirements.
 - Met with ESA and walked site.
 - Photographed and recorded all monitoring activities.

Environmental Compliance Issues

DD&A did not observe non-compliance issues during this monitoring period.

Recommendations

DD&A recommends the addition of trash receptacles within construction trucks for use along alignment. No additional adaptive management or mitigation is required.

Attachments

- Daily Monitoring Logs.
- Site Photos.

MPWSP Ryan Ranch-Bishop Interconnection Daily Log Report

Date: 2/12/20 Time On-Site: 7:20-5:30 Location: Staging Area/Roadside

Monitoring Personnel: P. Krabacher

On-Site Construction Personnel: Golden, Traffic Control, MPE, ESA

| ✓ | Daily Monitoring Requirements | Notes |
|---|---|-------|
| ✓ | Prior to movements on-site, inspect the ground beneath vehicles and equipment prior allow any wildlife identified to move on its own. | |
| ✓ | Verify that all installed fencing, staking, flagging, and signage is in place and is in properly maintained condition. | |
| ✓ | Verify vehicle speeds within the project do not not exceed 15 miles per hour on roads within the sites. | |
| ✓ | Verify that all stockpiled materials are within the paved roadways and staging area in the construction footprint boundary. | |
| ✓ | Verify that construction activities are confined to the existing road rights-of-way and that standard BMPs (e.g., setbacks and use of silt fences and fiber rolls) are being implemented to prevent loss of habitat. | |
| ✓ | Verify that fueling of construction equipment occurs off-site. If fueling must occur onsite, verify that fueling occurs at least 50 feet from drainages and native habitats. | |
| ✓ | Evaluate the construction area for the introduction of exotic species and, if necessary, require the contractor to clean or otherwise remove the suspected material to the satisfaction of the CalAm Site Supervisor or their designee. If straw materials are required for erosion control, verify that only weed-free straw is used. | |
| ✓ | Verify that any vegetation control measures are performed using only mechanical means under the supervision of the Lead Biologist and the CalAm Site Supervisor (also a qualified biologist). | |
| ✓ | Verify that special-status plant species are flagged for avoidance, and that flagging remains in place for the duration of the project. | |
| ✓ | If special-status wildlife species are found on the site immediately prior to construction or during project construction, stop construction activities in the vicinity of the animal until the animal moves on its own (if possible, as determined by the Lead Biologist or biological monitor) outside of the project area. | |
| ✓ | Verify that all excavated holes or trenches are covered at the end of each day, or escape ramps for wildlife provided in accordance with the Lead Biologist or CalAm Field Supervisor. Prior to the filling of such holes or trenches, thoroughly inspect them for trapped animals and, if necessary, verify that escape ramps are installed to allow escape. If listed species are trapped, they will be relocated with authorization from the USFWS and/or CDFW, as may be applicable. | |
| ✓ | Verify that all construction pipes, culverts, or similar structures that are stored at a construction site for one or more overnight periods and with a diameter of 4 inches or more are inspected for special-status wildlife before the pipe is subsequently buried, capped, or otherwise used or moved in any way. If a special-status animal is discovered inside a pipe, that section of pipe will not be moved without approval from the appropriate resource agency. If necessary, under the direct supervision of the qualified biologist, the pipe may be moved once to remove it from the path of construction activity until the animal has escaped. | |
| ✓ | Observe and confirm all vertical tubes used in project construction, such as chain link fencing poles or signage mounts, are or permanently capped at the time they are installed to avoid the entrapment and death of special-status birds. | |
| ✓ | Verify that water used for dust abatement is minimized so that common ravens and other predators are not attracted to the work area. | |
| ✓ | Verify that any hazardous spills are immediately cleaned up and the contaminated soil is properly disposed of at a licensed facility. | |
| ✓ | Verify that trash and food items are contained in closed containers and removed from the construction site daily. | |
| ✓ | Verify that intentional killing or collection of wildlife species by project workers, including special-status species in the project area and surrounding areas, does not occur. | |

Monitoring Activities:

- 7:20 Arrived on-site Conducted clearance survey on all equipment
 - Conducted environmental training for all on-site personnel
 - Walked project site and staging area
 - Met with ESA and walked site
 - o determined possibly installing silt fence near staging area
 - o determined installation of tree protection near staging area
 - Monitored the installation of pipeline along Raysdale throughout the day
 - Monitored dust control of site throughout day
 - Monitored Shielding and clean up of site for closing activities
 - Photographed all activities monitored
 - All vehicles and equipment left on site ~~remain~~ on the side of Raysdale Rd.

5:30 left site

Corrective Actions (If Any):

MPWSP Ryan Ranch-Bishop Interconnection Daily Log Report

Date: 2/13/20 Time On-Site: 7:15 - 5:15 Location: Staging Area / Raysdale

Monitoring Personnel: P. Krabacher

On-Site Construction Personnel: MPE, Traffic Control, CalAm

| ✓ | Daily Monitoring Requirements | Notes |
|---|---|-------|
| ✓ | Prior to movements on-site, inspect the ground beneath vehicles and equipment prior allow any wildlife identified to move on its own. | |
| ✓ | Verify that all installed fencing, staking, flagging, and signage is in place and is in properly maintained condition. | |
| ✓ | Verify vehicle speeds within the project do not not exceed 15 miles per hour on roads within the sites. | |
| ✓ | Verify that all stockpiled materials are within the paved roadways and staging area in the construction footprint boundary. | |
| ✓ | Verify that construction activities are confined to the existing road rights-of-way and that standard BMPs (e.g., setbacks and use of silt fences and fiber rolls) are being implemented to prevent loss of habitat. | |
| ✓ | Verify that fueling of construction equipment occurs off-site. If fueling must occur onsite, verify that fueling occurs at least 50 feet from drainages and native habitats. | |
| ✓ | Evaluate the construction area for the introduction of exotic species and, if necessary, require the contractor to clean or otherwise remove the suspected material to the satisfaction of the CalAm Site Supervisor or their designee. If straw materials are required for erosion control, verify that only weed-free straw is used. | |
| ✓ | Verify that any vegetation control measures are performed using only mechanical means under the supervision of the Lead Biologist and the CalAm Site Supervisor (also a qualified biologist). | |
| ✓ | Verify that special-status plant species are flagged for avoidance, and that flagging remains in place for the duration of the project. | |
| ✓ | If special-status wildlife species are found on the site immediately prior to construction or during project construction, stop construction activities in the vicinity of the animal until the animal moves on its own (if possible, as determined by the Lead Biologist or biological monitor) outside of the project area. | N/A |
| ✓ | Verify that all excavated holes or trenches are covered at the end of each day, or escape ramps for wildlife provided in accordance with the Lead Biologist or CalAm Field Supervisor. Prior to the filling of such holes or trenches, thoroughly inspect them for trapped animals and, if necessary, verify that escape ramps are installed to allow escape. If listed species are trapped, they will be relocated with authorization from the USFWS and/or CDFW, as may be applicable. | |
| ✓ | Verify that all construction pipes, culverts, or similar structures that are stored at a construction site for one or more overnight periods and with a diameter of 4 inches or more are inspected for special-status wildlife before the pipe is subsequently buried, capped, or otherwise used or moved in any way. If a special-status animal is discovered inside a pipe, that section of pipe will not be moved without approval from the appropriate resource agency. If necessary, under the direct supervision of the qualified biologist, the pipe may be moved once to remove it from the path of construction activity until the animal has escaped. | |
| ✓ | Observe and confirm all vertical tubes used in project construction, such as chain link fencing poles or signage mounts, are or permanently capped at the time they are installed to avoid the entrapment and death of special-status birds. | |
| ✓ | Verify that water used for dust abatement is minimized so that common ravens and other predators are not attracted to the work area. | |
| ✓ | Verify that any hazardous spills are immediately cleaned up and the contaminated soil is properly disposed of at a licensed facility. | N/A |
| ✓ | Verify that trash and food items are contained in closed containers and removed from the construction site daily. | |
| ✓ | Verify that intentional killing or collection of wildlife species by project workers, including special-status species in the project area and surrounding areas, does not occur. | N/A |

Monitoring Activities:

- 7:15 Arrived on site, conducted clearance survey on all equipment
- Met with foreman of MPE first thing to discuss if anyone else on-site needs WEAP training. Traffic control needs training will contact training mid day when traffic eases
- Conducted WEAP training for all new personnel
- Monitored installation of pipeline along Ragsdale
- Surveyed for woodrat nests as pipeline progresses
- Surveyed all equipment and supplies for wildlife
- Photographed all activities on site
- Surveyed for nesting birds throughout day along Ragsdale
- MPE & DDA let all trucks know they needed to cover loads
- 5:15 left site

Corrective Actions (If Any):

MPWSP Ryan Ranch-Bishop Interconnection Daily Log Report

Date: 2/14/20 Time On-Site: 07:15 Location: Ryan Ranch

Monitoring Personnel: M. Johnson

On-Site Construction Personnel: J. Avila

| ✓ | Daily Monitoring Requirements | Notes |
|---|---|-------------------------------|
| ✓ | Prior to movements on-site , inspect the ground beneath vehicles and equipment prior allow any wildlife identified to move on its own. | |
| ✓ | Verify that all installed fencing, staking, flagging, and signage is in place and is in properly maintained condition. | |
| ✓ | Verify vehicle speeds within the project do not not exceed 15 miles per hour on roads within the sites. | |
| ✓ | Verify that all stockpiled materials are within the paved roadways and staging area in the construction footprint boundary. | |
| ✓ | Verify that construction activities are confined to the existing road rights-of-way and that standard BMPs (e.g., setbacks and use of silt fences and fiber rolls) are being implemented to prevent loss of habitat. | |
| ✓ | Verify that fueling of construction equipment occurs off-site. If fueling must occur onsite, verify that fueling occurs at least 50 feet from drainages and native habitats. | |
| ✓ | Evaluate the construction area for the introduction of exotic species and, if necessary, require the contractor to clean or otherwise remove the suspected material to the satisfaction of the CalAm Site Supervisor or their designee. If straw materials are required for erosion control, verify that only weed-free straw is used. | |
| ✓ | Verify that any vegetation control measures are performed using only mechanical means under the supervision of the Lead Biologist and the CalAm Site Supervisor (also a qualified biologist). | |
| ✓ | Verify that special-status plant species are flagged for avoidance, and that flagging remains in place for the duration of the project. | TMDFW flags |
| | If special-status wildlife species are found on the site immediately prior to construction or during project construction, stop construction activities in the vicinity of the animal until the animal moves on its own (if possible, as determined by the Lead Biologist or biological monitor) outside of the project area. | N/A |
| ✓ | Verify that all excavated holes or trenches are covered at the end of each day, or escape ramps for wildlife provided in accordance with the Lead Biologist or CalAm Field Supervisor. Prior to the filling of such holes or trenches, thoroughly inspect them for trapped animals and, if necessary, verify that escape ramps are installed to allow escape. If listed species are trapped, they will be relocated with authorization from the USFWS and/or CDFW, as may be applicable. | |
| ✓ | Verify that all construction pipes, culverts, or similar structures that are stored at a construction site for one or more overnight periods and with a diameter of 4 inches or more are inspected for special-status wildlife before the pipe is subsequently buried, capped, or otherwise used or moved in any way. If a special-status animal is discovered inside a pipe, that section of pipe will not be moved without approval from the appropriate resource agency. If necessary, under the direct supervision of the qualified biologist, the pipe may be moved once to remove it from the path of construction activity until the animal has escaped. | |
| ✓ | Observe and confirm all vertical tubes used in project construction, such as chain link fencing poles or signage mounts, are or permanently capped at the time they are installed to avoid the entrapment and death of special-status birds. | N/A |
| ✓ | Verify that water used for dust abatement is minimized so that common ravens and other predators are not attracted to the work area. | |
| | Verify that any hazardous spills are immediately cleaned up and the contaminated soil is properly disposed of at a licensed facility. | NA |
| ✓ | Verify that trash and food items are contained in closed containers and removed from the construction site daily. | informed MP to get trash cans |
| | Verify that intentional killing or collection of wildlife species by project workers, including special-status species in the project area and surrounding areas, does not occur. | N/A |

Monitoring Activities:

- 0715 - Onsite Cleared vehicles and other equipment at staging area and pipe installation location
- 0800 - Conducted WEAP For (1) MPE Employee
- 0900 - Flagged (MDFW) nest adjacent to active pipeline installation
- 0930 - Discussed construction progress with Cal-Am Inspector
Requested additional trash receptacles for MPE trucks + staging area from MPE Project Manager
- 1000 - Bio Monitoring Pipeline Installation
- 1340 - Trash pickup along entire alignment of construction
- 1430 - Bird surveys ahead of existing alignment
- 1630 - Left site

Corrective Actions (If Any):

MPWSP Ryan Ranch-Bishop Interconnection Daily Log Report

Date: 2/18 Time On-Site: 7:30 Location: Ryan Ranch

Monitoring Personnel: M. Hofmarcher

On-Site Construction Personnel: _____

| ✓ | Daily Monitoring Requirements | Notes |
|---|---|-------|
| ✓ | Prior to movements on-site, inspect the ground beneath vehicles and equipment prior allow any wildlife identified to move on its own. | |
| ✓ | Verify that all installed fencing, staking, flagging, and signage is in place and is in properly maintained condition. | |
| ✓ | Verify vehicle speeds within the project do not not exceed 15 miles per hour on roads within the sites. | |
| ✓ | Verify that all stockpiled materials are within the paved roadways and staging area in the construction footprint boundary. | |
| ✓ | Verify that construction activities are confined to the existing road rights-of-way and that standard BMPs (e.g., setbacks and use of silt fences and fiber rolls) are being implemented to prevent loss of habitat. | |
| ✓ | Verify that fueling of construction equipment occurs off-site. If fueling must occur onsite, verify that fueling occurs at least 50 feet from drainages and native habitats. | |
| ✓ | Evaluate the construction area for the introduction of exotic species and, if necessary, require the contractor to clean or otherwise remove the suspected material to the satisfaction of the CalAm Site Supervisor or their designee. If straw materials are required for erosion control, verify that only weed-free straw is used. | |
| ✓ | Verify that any vegetation control measures are performed using only mechanical means under the supervision of the Lead Biologist and the CalAm Site Supervisor (also a qualified biologist). | |
| ✓ | Verify that special-status plant species are flagged for avoidance, and that flagging remains in place for the duration of the project. | |
| ✓ | If special-status wildlife species are found on the site immediately prior to construction or during project construction, stop construction activities in the vicinity of the animal until the animal moves on its own (if possible, as determined by the Lead Biologist or biological monitor) outside of the project area. | |
| ✓ | Verify that all excavated holes or trenches are covered at the end of each day, or escape ramps for wildlife provided in accordance with the Lead Biologist or CalAm Field Supervisor. Prior to the filling of such holes or trenches, thoroughly inspect them for trapped animals and, if necessary, verify that escape ramps are installed to allow escape. If listed species are trapped, they will be relocated with authorization from the USFWS and/or CDFW, as may be applicable. | |
| ✓ | Verify that all construction pipes, culverts, or similar structures that are stored at a construction site for one or more overnight periods and with a diameter of 4 inches or more are inspected for special-status wildlife before the pipe is subsequently buried, capped, or otherwise used or moved in any way. If a special-status animal is discovered inside a pipe, that section of pipe will not be moved without approval from the appropriate resource agency. If necessary, under the direct supervision of the qualified biologist, the pipe may be moved once to remove it from the path of construction activity until the animal has escaped. | |
| ✓ | Observe and confirm all vertical tubes used in project construction, such as chain link fencing poles or signage mounts, are or permanently capped at the time they are installed to avoid the entrapment and death of special-status birds. | |
| ✓ | Verify that water used for dust abatement is minimized so that common ravens and other predators are not attracted to the work area. | |
| ✓ | Verify that any hazardous spills are immediately cleaned up and the contaminated soil is properly disposed of at a licensed facility. | |
| ✓ | Verify that trash and food items are contained in closed containers and removed from the construction site daily. | |
| ✓ | Verify that intentional killing or collection of wildlife species by project workers, including special-status species in the project area and surrounding areas, does not occur. | |

Monitoring Activities:

- cleared work area's staging area of wildlife
- monitored installation of pipeline along Ragsdale
- confirmed MPE has trash receptacle onsite
- confirmed no new construction personnel
- surveyed for nesting birds along Ragsdale
- confirmed installation of silt fencing ~~at~~ and tree protection will be done tomorrow (2/19)
- photographed construction activities
- confirmed dust abatement water usage was kept to a minimum
- 1700 pipeline crew has alignment covered & safe for wildlife

Corrective Actions (If Any):

MPWSP Ryan Ranch-Bishop Interconnection Daily Log Report

Date: 2/19 Time On-Site: 8:30 Location: Ryan Ranch

Monitoring Personnel: M. Hofmarcher

On-Site Construction Personnel: George Aida, MPE

| ✓ | Daily Monitoring Requirements | Notes |
|---|---|--|
| | Prior to movements on-site , inspect the ground beneath vehicles and equipment prior allow any wildlife identified to move on its own. | |
| ✓ | Verify that all installed fencing, staking, flagging, and signage is in place and is in properly maintained condition. | arrival after start of work confirmed installation of fencing at staging area |
| ✓ | Verify vehicle speeds within the project do not not exceed 15 miles per hour on roads within the sites. | |
| ✓ | Verify that all stockpiled materials are within the paved roadways and staging area in the construction footprint boundary. | |
| ✓ | Verify that construction activities are confined to the existing road rights-of-way and that standard BMPs (e.g., setbacks and use of silt fences and fiber rolls) are being implemented to prevent loss of habitat. | |
| ✓ | Verify that fueling of construction equipment occurs off-site. If fueling must occur onsite, verify that fueling occurs at least 50 feet from drainages and native habitats. | |
| ✓ | Evaluate the construction area for the introduction of exotic species and, if necessary, require the contractor to clean or otherwise remove the suspected material to the satisfaction of the CalAm Site Supervisor or their designee. If straw materials are required for erosion control, verify that only weed-free straw is used. | |
| ✓ | Verify that any vegetation control measures are performed using only mechanical means under the supervision of the Lead Biologist and the CalAm Site Supervisor (also a qualified biologist). | |
| ✓ | Verify that special-status plant species are flagged for avoidance, and that flagging remains in place for the duration of the project. | N/A |
| ✓ | If special-status wildlife species are found on the site immediately prior to construction or during project construction, stop construction activities in the vicinity of the animal until the animal moves on its own (if possible, as determined by the Lead Biologist or biological monitor) outside of the project area. | |
| ✓ | Verify that all excavated holes or trenches are covered at the end of each day, or escape ramps for wildlife provided in accordance with the Lead Biologist or CalAm Field Supervisor. Prior to the filling of such holes or trenches, thoroughly inspect them for trapped animals and, if necessary, verify that escape ramps are installed to allow escape. If listed species are trapped, they will be relocated with authorization from the USFWS and/or CDFW, as may be applicable. | |
| ✓ | Verify that all construction pipes, culverts, or similar structures that are stored at a construction site for one or more overnight periods and with a diameter of 4 inches or more are inspected for special-status wildlife before the pipe is subsequently buried, capped, or otherwise used or moved in any way. If a special-status animal is discovered inside a pipe, that section of pipe will not be moved without approval from the appropriate resource agency. If necessary, under the direct supervision of the qualified biologist, the pipe may be moved once to remove it from the path of construction activity until the animal has escaped. | |
| ✓ | Observe and confirm all vertical tubes used in project construction, such as chain link fencing poles or signage mounts, are or permanently capped at the time they are installed to avoid the entrapment and death of special-status birds. | N/A |
| ✓ | Verify that water used for dust abatement is minimized so that common ravens and other predators are not attracted to the work area. | |
| ✓ | Verify that any hazardous spills are immediately cleaned up and the contaminated soil is properly disposed of at a licensed facility. | |
| ✓ | Verify that trash and food items are contained in closed containers and removed from the construction site daily. | |
| ✓ | Verify that intentional killing or collection of wildlife species by project workers, including special-status species in the project area and surrounding areas, does not occur. | N/A |

Monitoring Activities:

- conducted WEAP training for two (2) employees
- directed installation of silt & BSA fencing around stammy area & vegetated area under oak tree outside
- photographed completed silt fencing
- confirmed continued use of trash receptacles onsite
- monitored pipeline installation, backfilling, & paving of roadway
- conducted bird surveys ahead of alignment

Corrective Actions (If Any):

MPWSP Ryan Ranch-Bishop Interconnection Daily Log Report

Date: 2/19 Time On-Site: 7:15 Location: Daysdale + Staging Area

Monitoring Personnel: ~~MP~~ P. Krabacher

On-Site Construction Personnel: MPE

| ✓ | Daily Monitoring Requirements | Notes |
|---|---|-------|
| ✓ | Prior to movements on-site, inspect the ground beneath vehicles and equipment prior allow any wildlife identified to move on its own. | |
| ✓ | Verify that all installed fencing, staking, flagging, and signage is in place and is in properly maintained condition. | |
| ✓ | Verify vehicle speeds within the project do not not exceed 15 miles per hour on roads within the sites. | |
| ✓ | Verify that all stockpiled materials are within the paved roadways and staging area in the construction footprint boundary. | |
| ✓ | Verify that construction activities are confined to the existing road rights-of-way and that standard BMPs (e.g., setbacks and use of silt fences and fiber rolls) are being implemented to prevent loss of habitat. | |
| ✓ | Verify that fueling of construction equipment occurs off-site. If fueling must occur onsite, verify that fueling occurs at least 50 feet from drainages and native habitats. | |
| ✓ | Evaluate the construction area for the introduction of exotic species and, if necessary, require the contractor to clean or otherwise remove the suspected material to the satisfaction of the CalAm Site Supervisor or their designee. If straw materials are required for erosion control, verify that only weed-free straw is used. | |
| ✓ | Verify that any vegetation control measures are performed using only mechanical means under the supervision of the Lead Biologist and the CalAm Site Supervisor (also a qualified biologist). | |
| ✓ | Verify that special-status plant species are flagged for avoidance, and that flagging remains in place for the duration of the project. | |
| ✓ | If special-status wildlife species are found on the site immediately prior to construction or during project construction, stop construction activities in the vicinity of the animal until the animal moves on its own (if possible, as determined by the Lead Biologist or biological monitor) outside of the project area. | |
| ✓ | Verify that all excavated holes or trenches are covered at the end of each day, or escape ramps for wildlife provided in accordance with the Lead Biologist or CalAm Field Supervisor. Prior to the filling of such holes or trenches, thoroughly inspect them for trapped animals and, if necessary, verify that escape ramps are installed to allow escape. If listed species are trapped, they will be relocated with authorization from the USFWS and/or CDFW, as may be applicable. | |
| ✓ | Verify that all construction pipes, culverts, or similar structures that are stored at a construction site for one or more overnight periods and with a diameter of 4 inches or more are inspected for special-status wildlife before the pipe is subsequently buried, capped, or otherwise used or moved in any way. If a special-status animal is discovered inside a pipe, that section of pipe will not be moved without approval from the appropriate resource agency. If necessary, under the direct supervision of the qualified biologist, the pipe may be moved once to remove it from the path of construction activity until the animal has escaped. | |
| ✓ | Observe and confirm all vertical tubes used in project construction, such as chain link fencing poles or signage mounts, are or permanently capped at the time they are installed to avoid the entrapment and death of special-status birds. | |
| ✓ | Verify that water used for dust abatement is minimized so that common ravens and other predators are not attracted to the work area. | |
| ✓ | Verify that any hazardous spills are immediately cleaned up and the contaminated soil is properly disposed of at a licensed facility. | |
| ✓ | Verify that trash and food items are contained in closed containers and removed from the construction site daily. | |
| ✓ | Verify that intentional killing or collection of wildlife species by project workers, including special-status species in the project area and surrounding areas, does not occur. | |

MPWSP Ryan Ranch-Bishop Interconnection Daily Log Report

Date: 2/20 Time On-Site: 7:30 Location: Ryan Ranch

Monitoring Personnel: M. Hofmeier

On-Site Construction Personnel: MPE, George J Avila

| ✓ | Daily Monitoring Requirements | Notes |
|---|---|-------|
| ✓ | Prior to movements on-site, inspect the ground beneath vehicles and equipment prior allow any wildlife identified to move on its own. | |
| ✓ | Verify that all installed fencing, staking, flagging, and signage is in place and is in properly maintained condition. | |
| ✓ | Verify vehicle speeds within the project do not not exceed 15 miles per hour on roads within the sites. | |
| ✓ | Verify that all stockpiled materials are within the paved roadways and staging area in the construction footprint boundary. | |
| ✓ | Verify that construction activities are confined to the existing road rights-of-way and that standard BMPs (e.g., setbacks and use of silt fences and fiber rolls) are being implemented to prevent loss of habitat. | |
| ✓ | Verify that fueling of construction equipment occurs off-site. If fueling must occur onsite, verify that fueling occurs at least 50 feet from drainages and native habitats. | |
| ✓ | Evaluate the construction area for the introduction of exotic species and, if necessary, require the contractor to clean or otherwise remove the suspected material to the satisfaction of the CalAm Site Supervisor or their designee. If straw materials are required for erosion control, verify that only weed-free straw is used. | |
| ✓ | Verify that any vegetation control measures are performed using only mechanical means under the supervision of the Lead Biologist and the CalAm Site Supervisor (also a qualified biologist). | |
| ✓ | Verify that special-status plant species are flagged for avoidance, and that flagging remains in place for the duration of the project. | |
| ✓ | If special-status wildlife species are found on the site immediately prior to construction or during project construction, stop construction activities in the vicinity of the animal until the animal moves on its own (if possible, as determined by the Lead Biologist or biological monitor) outside of the project area. | N/A |
| ✓ | Verify that all excavated holes or trenches are covered at the end of each day, or escape ramps for wildlife provided in accordance with the Lead Biologist or CalAm Field Supervisor. Prior to the filling of such holes or trenches, thoroughly inspect them for trapped animals and, if necessary, verify that escape ramps are installed to allow escape. If listed species are trapped, they will be relocated with authorization from the USFWS and/or CDFW, as may be applicable. | |
| ✓ | Verify that all construction pipes, culverts, or similar structures that are stored at a construction site for one or more overnight periods and with a diameter of 4 inches or more are inspected for special-status wildlife before the pipe is subsequently buried, capped, or otherwise used or moved in any way. If a special-status animal is discovered inside a pipe, that section of pipe will not be moved without approval from the appropriate resource agency. If necessary, under the direct supervision of the qualified biologist, the pipe may be moved once to remove it from the path of construction activity until the animal has escaped. | |
| ✓ | Observe and confirm all vertical tubes used in project construction, such as chain link fencing poles or signage mounts, are or permanently capped at the time they are installed to avoid the entrapment and death of special-status birds. | |
| ✓ | Verify that water used for dust abatement is minimized so that common ravens and other predators are not attracted to the work area. | |
| ✓ | Verify that any hazardous spills are immediately cleaned up and the contaminated soil is properly disposed of at a licensed facility. | N/A |
| ✓ | Verify that trash and food items are contained in closed containers and removed from the construction site daily. | |
| ✓ | Verify that intentional killing or collection of wildlife species by project workers, including special-status species in the project area and surrounding areas, does not occur. | N/A |

Monitoring Activities:

- cleared all vehicles & equipment of wildlife
- monitored installation of pipeline along roadway
- met with PUC : discussed ongoing construction activities

Corrective Actions (If Any):



Photo 1. Dust abatement within minimal water usage. (2-18-2020).



Photo 2. Installation of silt fencing around staging area. (2-19-2020).



Photo 3. Dust control coverage over soil transportation vehicles. (2-19-2020).



Photo 4. Completed ESA fencing protection around tree outside of staging area. (2-19-2020).

APPENDIX B

CPUC Inspection Logs

Monterey Peninsula Water Supply Project (MPWSP)

Daily Monitoring Log

Date: 02/20/2020**Time:** 10:15 – 11:30**Report Code:** MPWSP_20200220_sd**Project Site:** Ryan Ranch – Bishop Interconnection Improvements**Compliance Level:**Acceptable Level 0: Unanticipated Event Level 1: Minor Incident
Level 2: Moderate Incident Level 3: Major Incident **Compliance Advisory or Non-Compliance form attached** Yes
No **Photo Documentation** Yes
No **Type of Monitoring:**Full-time Spot-check SWPPP inspection
Biological Re-inspection **Construction Activity(s) Being Monitored:**

- Trenching and installation of 8-inch diameter pipeline on Ragsdale Drive. Pipelines installation work being conducted by Monterey Peninsula Engineers (MPE).

General Summary of Mitigation Compliance and Site Conditions:

- Denise Duffy & Associates (CalAm monitors) on site for compliance monitoring. A preconstruction survey report was submitted to ESA (CPUC monitors) on February 11, 2020.
- All work is restricted to existing roadways. All storm drains were protected with sand bags and mesh. MPE conducting regular street sweeping.
- Excavated spoils are being off hauled. New fill is being delivered throughout the day. All trucks covering their loads.
- Special status species plants (i.e., *Horkelia cuneata ssp.*) have been flagged along the entire construction area.
- On 2/12/2020, CalAm monitors noted that woodrat middens had been found along Ragsdale Avenue. Flagging was installed along Ragsdale Avenue where middens have been observed to demarcate the area and prevent any construction related impacts to middens.
- The work staging and equipment staging area is located at an existing graveled area adjacent to the east side of York Road at Highway 68. An Optional Staging Area Minor

Amendment Memorandum was submitted on 1/6/2020 to the CPUC and was included as Appendix B-4 of the NTPR-2 for the Ryan Ranch – Bishop Interconnection.

- Cyclone fencing and wildlife-friendly straw wattle have been placed around the graveled area. On 2/19/2020, silt fence surrounding the parking area was installed to prevent any wildlife potentially residing in the nearby unnamed creek from entering the staging area. The unnamed creek is located approximately 50-feet north of the staging area.
- Tree protection has been installed in the form of orange construction fencing around the drip line of a mature coast live oak tree, located between the staging area and York Road.
- CalAm monitors noted that they had requested MPE to provide trash receptacles and instruct all workers on site to dispose of any trash.

Sharon Dulava
ESA Monitor

02/20/2020
Date



Photo 1. MPE excavation of pipeline trench



Photo 2. Silt fence surrounding staging area



Photo 3. Tree protection installed around drip line of oak tree



Photo 4. Flags along Ragsdale Drive demarcating areas with woodrat middens