

memorandum

date March 30, 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 (03/23/2020 – 03/27/2020)

Construction Activities

Construction activities occurred on Wilson Road during the week of 3/23/2020 – 3/27/2020. Construction activities consisted of excavation and installation of 8-inch pipe on Wilson Road and 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 conducted 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. In accordance with Mitigation Measures 4.6-1i, 4.6-1j, and 4.6-1k, CalAm monitors surveyed sections of the alignment ahead of construction daily for nesting birds, Monterey dusky-footed woodrat, and American badger. No sign of American badger, or additional woodrat nests were reported for the period between 3/23/2020 and 3/27/2020. CalAm monitors continued to monitor one crow nest at Wilson Pond (near Station 18+00), and an active bushtit nest along Wilson Road (near Station 13+00), and one dark-eyed junco nest along Wilson Road (near Station 18+00) for any behavioral changes resulting from project activities.

Compliance Issues and Resolutions

- ESA noted the following Level 1 Minor Incident on 3/27/2020:
 - Trash was bagged but not properly contained within the staging area located off York Road per Mitigation Measure 4.6-1c (18). ESA monitors reported this to CalAm monitors. CalAm monitors confirmed on 3/30/2020 that additional trash and recycling receptacles were added at the staging area and that food waste was cleaned.

Photographs:



Photo 1. MPE excavation of pipeline trench on Wilson Road.



Photo 2. Temporary equipment staging on Lower Ragsdale Drive.



Photo 3. Trash improperly stored within staging area.



Photo 4. Tree protection at staging area.

APPENDIX A

CalAm Weekly Report



DENISE DUFFY & ASSOCIATES, INC.

PLANNING AND ENVIRONMENTAL CONSULTING

DATE: March 30, 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 (CalAm) 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 **March 20-26, 2020**.

| | |
|--|---|
| Project/Component: Ryan Ranch – Bishop Interconnection Project | Work Location: Ragsdale Drive. Lower Ragsdale Drive, Wilson Road, York Road, and Staging Area |
| Monitoring Period: 3/20/2020 – 3/26/2020 | Project Completion Status: 5,000 Linear Feet of Pipeline Installation |
| Construction Contractors/Personnel: Monterey Peninsula Engineering | Biological Lead: M. Johnson |
| Biological Monitors: P. Krabacher, M. Hofmarcher | Days on Site: 3/20, 3/23, 3/24, 3/25, 3/26 |

| | |
|---|--|
| Biological Surveys: Nesting Birds, Nesting Bird Behavioral Baseline, American Badger, Monterey Dusky-Footed Woodrat (MDFW)Nests | WEAT Training: No |
| New Sensitive Resources: No | SWPPP Corrective Actions/Maintenance: No |
| Encountered Special-Status Species: No | Hazardous Spills: No |
| Relocated Plants or Wildlife: No | 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 CalAm's Inspector.

- 3/20/2020
 - Pipeline installation from Station 44+01 to Station 45+11.
 - 116 linear feet of pipeline installation, 4,840 total feet of pipeline installation.
- 3/23/2020
 - Pipeline installation from Station 45+11 to Station 10+76.
 - 160 linear feet of pipeline installation, 5,000 total feet of pipeline installation.
- 3/24/2020
 - No installation of pipeline, grinding of trench pavement ahead of alignment and paving of roadway.
 - 0 linear feet of pipeline installation, 5,000 total feet of pipeline installation.
- 3/25/2020
 - No construction on site, no installation of pipeline due to rain.
 - 0 linear feet of pipeline installation, 5,000 total feet of pipeline installation.
- 3/26/2020
 - No construction on site, no installation of pipeline due to rain.
 - 0 linear feet of pipeline installation, 5,000 total feet of pipeline installation.

Summary of Monitoring Activities

- 3/20/2020
 - 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 per MM 4.6-1c.
 - Confirmed integrity of BMP measures on stormwater drains immediately adjacent and ahead of construction.
 - Photographed and recorded monitoring activities.
- 3/23/2020
 - 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 per MM 4.6-1c.
 - Conducted surveys for nesting birds, MDFW nests, and American badger dens along pipeline alignment from Ragsdale Drive Station 10+00 to Station 22+66 (end of alignment at Blue Larkspur Land and Citation Court) and in/around staging area from 1300 to 1430.
 - Conducted continuous monitoring of identified bushtit (*Psaltriparus minimus*) nest along Wilson Road as work commenced within 300 feet of the nest to observe any behavioral change per MM 4.6-1i from 0900 to 1245, no significant behavioral change observed during monitoring period.
 - Confirmed continued usage of hazardous spill protective measures under vehicles and equipment at end of day.
 - Confirmed integrity of BMP measures on stormwater drains immediately adjacent and ahead of construction.
 - Photographed and recorded monitoring activities.

- 3/24/2020
 - 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 per MM 4.6-1c.
 - Identified active dark-eyed junco nest (*Junco hyemalis*) adjacent to Wilson Road near Wilson Pond.
 - Conducted nesting bird behavioral survey for identified American crow (*Corvus brachyrhynchos*) nest by Wilson Pond, dark-eyed junco nest along Wilson Road, and bushtit nest along Wilson Road, per MM 4.6-1i from 0715 to 1400.
 - Confirmed continued usage of hazardous spill protective measures under vehicles and equipment at end of day.
 - Confirmed integrity of BMP measures on stormwater drains immediately adjacent and ahead of construction.
 - Photographed and recorded monitoring activities.
- 3/25/2020
 - Confirmed no active construction today, rain event throughout morning.
 - Conducted surveys for nesting birds, MDFW nests, and American badger dens along pipeline alignment from Ragsdale Drive Station 10+00 to Station 22+66 (end of alignment at Blue Larkspur Land and Citation Court) and in/around staging area from 0640 to 0800.
 - Confirmed integrity of BMP measures on stormwater drains immediately adjacent and ahead of construction.
 - Photographed and recorded monitoring activities.
- 3/26/2020
 - Confirmed no active construction today due to overnight rain event.
 - Conducted surveys for nesting birds, MDFW nests, and American badger dens along pipeline alignment from Ragsdale Drive Station 10+00 to Station 22+66 (end of alignment at Blue Larkspur Land and Citation Court) and in/around staging area from 0730 to 0900.
 - Dark-eyed junco nest adjacent to Wilson Road predated upon by American crows, nest no longer active.
 - Confirmed integrity of BMP measures on stormwater drains immediately adjacent and ahead of construction.
 - Photographed and recorded monitoring activities.

Environmental Compliance Issues

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

Recommendations

No adaptive management or mitigation is required.

Attachments

- Daily Monitoring Logs
- Site Photos

Daily Monitoring Logs

MPWSP Ryan Ranch-Bishop Interconnection Daily Log Report

Date: 3/20 Time On-Site: 0700 Location: Ryan Ranch Wilton Ct. Lower Ryndick &

Monitoring Personnel: M. Hofmarcher

On-Site Construction Personnel: NPE

| ✓ | 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 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:

-0700: Arrived onsite, conducted clearance surveys on alignment for all vehicles & equipment

-0700:1000: Monitored pipeline installation along Lower Reynolds

Corrective Actions (If Any):

MPWSP Ryan Ranch-Bishop Interconnection Daily Log Report

Date: 3/23 Time On-Site: 7:05 Location: Ryan Ranch - Wilson Rd. *Lower Kings dade*

Monitoring Personnel: M. Hofmarcher

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. | |

Monitoring Activities:

0705 - conducted clearance surveys of equipment & vehicles along

0830 alignment i at staging area

confirmed integrity of SLP & ESK fencing at staging area

Bushy nest
mon. activity

0855 - observed 1 adult entering nest

0945 - observed 1 adult in coast live oak tree across rd from nest

1000 - observed 1 adult in GLO tree above nest

1027 - observed 1 adult entering nest

1247 - observed 2 adults entering & exiting nest i in GLO trees around nest

0900 - observed pipeline installation

1300 - conducted NDFW, American badger & nesting bird surveys from
regulator Sta 10+00 to end of alignment

1430 - observed pipeline installation

1500 - crew paving road & street sweeping

1645 - crew finished paving, traffic control breaking down.

1700 - leaving site

Corrective Actions (If Any):

MPWSP Ryan Ranch-Bishop Interconnection Daily Log Report

Date: 3/24 Time On-Site: 6:50 - 5 Location: Wilson Rd / Staging Area

Monitoring Personnel: P. Krabacher

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. | |
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Monitoring Activities:

- 6:50 Conducted clearance survey of all equipment @ staging Area & along ~~Lower~~ Ragsdale Rd
- 1230 Monitored installation of pipeline along Wilson Rd
- 7:15 ^{2:45^{PM}} Observed American Crow & Dark eyed Junco nest to determine a baseline for activity prior to construction w/in area
- ^{row} 7:20 American Crow left nest
- 7:45 Crow returned what what looks like food (something white and small)
- 7:58 Crow left nest
- 8:30 Crow returned and watched me, I parked my car near to act as a blind
- 9:15 Crow came down from nest and began to bathe Junco nest, Crow trying to eat Junco eggs?
- 10:00 Crow sitting on nearby rooftop
- 11:00 Crow observed foraging under oaks near nest
- 12:00 Crow back to nest appearing to incubate
- 14:00 Crow came down from nest and took eggs from Junco

- ^{Substit} 12:30 Observed bustle near nest along Wilson Rd.

Corrective Actions (If Any):

Photographed eggs
↓

- ^{Junco} 7:30 Junco left nest, Observed 4 eggs in nest while Junco was gone
- 7:50 Junco returned and began incubating eggs (see photo)
- 9:15 Junco disturbed by Crow and left nest.
- 10:00 Junco returned and began to incubate eggs
- 12:00 Junco still on nest
- 14:00 Crow took two eggs from Junco

MPWSP Ryan Ranch-Bishop Interconnection Daily Log Report

Date: 3/25 Time On-Site: 0640 Location: Ryan Ranch Lower Reynolds & Wilson Ct.

Monitoring Personnel: P. Krabucher

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. | |
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Monitoring Activities:

0640-0800 : conducted bird survey along alignment from Augsburg Sta 10+00 to end of alignment

-No Work on site today

Corrective Actions (If Any):

MPWSP Ryan Ranch-Bishop Interconnection Daily Log Report

Date: 3/26 Time On-Site: 7:00AM Location: Ryan Ranch Lower Keys date

Monitoring Personnel: M. Hofmeyer

On-Site Construction Personnel: MPE Farmer

| ✓ | 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. | |
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| | 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:

0700: arrived onsite, conducted clearance surveys under equipment & vehicles along alignment. Staging area locked.

0800: confirmed with NRE that no work is scheduled for today

0830-0900: conducted MDFW, nestling bird, & American badger surveys from Reynolds STA 10+00 to end of alignment.

Corrective Actions (If Any):

Site Photos



Photo 1. Intact silt fencing surrounding staging area. (3-20-2020)



Photo 2. Secondary view of intact silt fencing surrounding staging area. (3-20-2020)



Photo 3. Intact ESA fencing around protected coast live oak tree adjacent to staging area. (3-20-2020)



Photo 4. View of identified Dark-eyed junco nest adjacent to Wilson Road. (3-24-2020)



Photo 5. Intact silt fencing around staging area. (3-26-2020)

APPENDIX B

CPUC Inspection Logs

Monterey Peninsula Water Supply Project (MPWSP)

Daily Monitoring Log

Date: 03/27/2020

Time: 11:00 – 12:15

Report Code: MPWSP_20200327_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 Wilson Road. Pipeline 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.
- 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.
- Any woodrat middens along Lower Ragsdale Drive have been flagged to demarcate the area and prevent any construction related impacts to middens.
- CalAm monitor on site monitoring behavior at known bird nest locations. One active bushtit nest in an oak tree growing along Wilson Road. No reported evidence of disturbance from construction related activities.
- 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. Tree protection and silt fencing around the perimeter of the staging area are in good condition.

- Additional temporary equipment staging within street on Lower Ragsdale Drive.
- ESA noted the following Level 1 Minor Incident:
 - Trash was not properly contained within the staging area off York Road per Mitigation Measure 4.6-1c (18). ESA monitors reported this to CalAm monitors.

Sharon Dulava
ESA Monitor

03/27/2020
Date



Photo 1. MPE excavation of pipeline trench on Wilson Road.



Photo 2. Temporary equipment staging on Lower Ragsdale Drive.



Photo 3. Trash improperly stored within staging area.



Photo 4. Tree protection and silt fence around staging area in good condition