

# memorandum

date May 11, 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 (05/04/2020 – 05/08/2020)

## **Construction Activities**

Construction activities occurred on Lower Ragsdale Drive and the intersection of Lower Ragsdale Drive and Ragsdale Drive during the week of 5/4/2020 – 5/8/2020. Construction activities were conducted by Monterey Peninsula Engineering (MPE) and consisted of pressure testing of Air Release Valves (ARV), pouring of an ARV concrete pad, grinding and paving, and pothole excavation and compaction around ARVs on Lower Ragsdale Drive. 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. Work was conducted within the existing roadways and immediately adjacent to existing roadways for pouring of a concrete pad for the ARV at Lower Ragsdale Drive, which was surveyed for sensitive resources by CalAm monitors prior to any construction activities. MPE conducted regular street sweeping.

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 5/4/2020 and 5/8/2020. CalAm monitors continued to monitor one crow nest on Lower Ragsdale Drive (near Station 37+00), one swallow nest on along Wilson Road (near Station 16+00), and one bushtit nest along Lower Ragsdale Drive (near Station 30+00) for any behavioral changes resulting from project activities. On 5/5/2020, CalAm monitors identified an active black phoebe nest under a flatbed truck parked within the staging area. CalAm monitors informed MPE, installed protective flagging to alert all construction workers of the nests presence, and conducted baseline behavioral monitoring of the nest. MPE confirmed the truck will remain deactivated until it is confirmed that the young have fledged and the nest is no longer active.

### ***Compliance Issues and Resolutions***

ESA noted the following Level 1 Minor Incident on 5/8/2020:

- Trash was bagged but not properly contained within the staging area located off York Road per Mitigation Measure 4.6-1c (18). Trash cans were observed full and without lids, and trash was observed on the ground within the staging area. ESA monitors reported this to CalAm monitors.

**Photographs:**



Photo 1. MPE paving repairs on Lower Ragsdale Drive.



Photo 2. MPE paving repairs on Lower Ragsdale Drive.



Photo 3. Black phoebe nest under flatbed truck.



Photo 4. Trash improperly stored within staging area.

# **APPENDIX A**

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## CalAm Weekly Report



# Ryan Ranch-Bishop Interconnection Improvements Narrative Report

05/01/2020-05/07/2020

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

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 May 1, 2020 through May 7, 2020.

Project/Component: Ryan Ranch – Bishop Interconnection Project	Work Location: Ragsdale Drive, Lower Ragsdale Drive, Wilson Road, Blue Larkspur Lane, and Ryan Ranch Staging Area
Monitoring Period: 5/1/2020 – 5/7/2020	Project Completion Status: 5,887 Linear Feet of Pipeline Installed (Pipeline Alignment Complete), Air Release Valve (ARV) Installation, Pressure Reduction Valve (PRV) Installation, Pressure Testing, and Paving.
Construction Contractors/Personnel: Monterey Peninsula Engineering	Biological Lead: M. Johnson
Biological Monitors: P. Krabacher, M. Hofmarcher	Days on Site: 5/1, 5/4, 5/5, 5/6, 5/7

Biological Surveys: Nesting Birds, Nesting Bird Behavioral Baseline, American Badger, Monterey Dusky-Footed Woodrat (MDFW)Nests	WEAP Training: No
New Sensitive Resources: Yes	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.

5/1/2020

- Pressure testing of ARV on Lower Ragsdale Dr at Sta 20+50
- Grinding/Paving of alignment on Ragsdale Drive/Lower Ragsdale Drive Intersection.

5/4/2020

- Grinding/Paving of alignment on Lower Ragsdale Drive.

5/5/2020

- Grinding/Paving of alignment on Lower Ragsdale Drive.

5/6/2020

- Pouring of ARV concrete pad on Lower Ragsdale Drive.
- Grinding/Paving of Alignment on Lower Ragsdale Drive.

5/7/2020

- Pouring of ARV concrete pad on Lower Ragsdale Drive.
- Grinding/Paving of Alignment on Lower Ragsdale Drive.

### Summary of Monitoring Activities

5/1/2020

- 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 Lane and Citation Court) and in/ around staging area throughout day.
- Conducted continuous monitoring to detect any behavioral changes from the baseline behavioral patterns established prior to construction activities within 300 feet at the active bushtit (*Psaltriparus minimus*) nest located at Lower Ragsdale Drive, the active swallow (*Hirundo ssp.*) nest located at Wilson Road, and the active American crow (*Corvus brachyrhynchos*) nest adjacent to Wilson pond. The nests were determined to still be active and no deviation from the baseline behavioral pattern was observed.
- Confirmed integrity of BMP measures on stormwater drains immediately adjacent and ahead of construction.
- Confirmed continued usage of hazardous spill protective measures under vehicles and equipment.
- Photographed and recorded monitoring activities.

5/4/2020

- 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 Lane and Citation Court) and in/ around staging area throughout day.
- Conducted continuous monitoring to detect any behavioral changes from the baseline behavioral patterns established prior to construction activities within 300 feet at the active bushtit nest located at Lower Ragsdale Drive, the active swallow nest located at Wilson Road, and the active American crow nest adjacent to Wilson pond. The nests were determined to still be active and no deviation from the baseline behavioral pattern was observed.
- Confirmed integrity of BMP measures on stormwater drains immediately adjacent and ahead of construction.
- Confirmed continued usage of hazardous spill protective measures under vehicles and equipment.
- Photographed and recorded monitoring activities.

5/5/2020

- 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 Lane and Citation Court) and in/ around staging area throughout day.

- Conducted continuous monitoring to detect any behavioral changes from the baseline behavioral patterns established prior to construction activities within 300 feet at the active bushtit nest located at Lower Ragsdale Drive, the active swallow nest located at Wilson Road, and the active American crow nest adjacent to Wilson Pond. The nests were determined to still be active and no deviation from the baseline behavioral pattern was observed.
- Identified black phoebe (*Sayornis nigricans*) nest under flatbed truck parked inside the staging area, MPE has been informed and has confirmed the truck has been deactivated and will remain protected until the young have fledged and are no longer reliant upon the nest for survival. Protective flagging has been established surrounding the nest to alert all construction workers of nest presence.
- Conducted nesting bird behavioral baseline survey for identified black phoebe within the staging area from 0900 - 1100
- Confirmed integrity of BMP measures on stormwater drains immediately adjacent and ahead of construction.
- Confirmed continued usage of hazardous spill protective measures under vehicles and equipment.
- Photographed and recorded monitoring activities.

5/6/2020

- 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 Lane and Citation Court) and in/ around staging area throughout day.
- Conducted continuous monitoring to detect any behavioral changes from the baseline behavioral patterns established prior to construction activities within 300 feet at the active bushtit nest located at Lower Ragsdale Drive, the active swallow nest located at Wilson Road, the active American crow nest adjacent to Wilson Pond, and the active black phoebe nest located in the staging area. The nests were determined to still be active and no deviation from the baseline behavioral pattern was observed.
- Confirmed integrity of BMP measures on stormwater drains immediately adjacent and ahead of construction.
- Confirmed continued usage of hazardous spill protective measures under vehicles and equipment.
- Photographed and recorded monitoring activities.

5/7/2020

- 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 Lane and Citation Court) and in/ around staging area throughout day.
- Conducted continuous monitoring to detect any behavioral changes from the baseline behavioral patterns established prior to construction activities within 300 feet at the active bushtit nest located at Lower Ragsdale Drive, the active swallow nest located at Wilson Road, the active American crow nest adjacent to Wilson Pond, and the active black phoebe nest located in the staging area. The nests were determined to still be active and no deviation from the baseline behavioral pattern was observed.
- Confirmed integrity of BMP measures on stormwater drains immediately adjacent and ahead of construction.
- Confirmed continued usage of hazardous spill protective measures under vehicles and equipment.
- Photographed and recorded monitoring activities.

### Environmental Compliance Issues

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

### Recommendations

No adaptive management or mitigation is required.



## Compliance Checklist

Compliance Question	Compliance Level	Note
MM 4.6-1b - WEAT		
4.6-1b. 1. All workers attend WEAT training and have sticker on hardhat?	Yes	
MM 4.6-1c - GENERAL		
4.6-1c. 1. Construction footprint, staging areas, equipment access routes, and disposal or temporary placement of spoils, delineated with stakes and flagging prior to construction to avoid natural resources outside of the project area?	Yes	
4.6-1c. 2. Construction vehicles within the delineated construction work area boundary or local road network?	Yes	
4.6-1c. 3. Vehicles and equipment in project area maintaining 15 miles per hour or less speed limit?	Yes	
4.6-1c. 4. Excavated soils stockpiled in disturbed areas lacking native vegetation and marked to define the limits?	Yes	
4.6-1c. 5. Standard best management practices employed to prevent loss of habitat due to erosion caused by project related impacts?	Yes	
4.6-1c. 6. Fueling of construction equipment within existing paved areas and at least 50 feet from drainages and native habitats?	Yes	
4.6-1c. 7. Introduction of exotic plant species avoided through physical or chemical removal and prevention?	Yes	
4.6-1c. 8. Use of herbicides as vegetation control measures used only when mechanical means have been deemed ineffective?	N/A	
4.6-1c. 9. Prior to construction at any site where special-status amphibians, reptiles and mammals have a moderate or high potential to occur, the construction work area boundary was fenced with a temporary exclusion fence to prevent special-status wildlife from entering the site during construction?	Yes	
4.6-1c. 10. If special-status wildlife species were found on the site immediately prior to construction or during project construction, construction activities ceased in the vicinity of the animal until the animal moved on its own outside of the project area?	N/A	
4.6-1c. 11. Immediately prior to conducting vegetation removal or grading activities inside fenced exclusion areas, qualified biologist(s) surveyed within the exclusion area to ensure that no special-status species were present?	N/A	
4.6-1c. 12. All excavated, steep-walled holes or trenches more than 2 feet deep were inspected for trapped animals and covered with plywood or similar materials at the close of each work day, or escape ramps constructed of earth fill or wooden planks positioned within the excavations to allow special-status wildlife to escape on their own?	Yes	
4.6-1c. 13. 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 were inspected for special-status wildlife before the pipe was subsequently buried, capped, or otherwise used or moved in any way?	Yes	
4.6-1c. 14. All vertical tubes used in project construction, such as chain link fencing poles or signage mounts, were temporarily or permanently capped at the time they are installed to avoid the entrapment and death of special status birds?	Yes	
4.6-1c. 15. Water used for dust abatement was minimized in an effort to avoid the formation of puddles that could attract common ravens and other predators to the construction work areas?	Yes	
4.6-1c. 16. Parked vehicles or equipment in the project area were	Yes	

Compliance Question	Compliance Level	Note
inspected underneath for wildlife prior to moving?		
4.6-1c. 17. All vehicles and equipment were in proper working condition to ensure that there was no potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials?	Yes	
4.6-1c. 18. Trash and food items were contained in closed containers and removed from the construction site daily to reduce the attractiveness to opportunistic predators such as common ravens, coyotes, and feral dogs?	Yes	
4.6-1c. 19. Workers did not feed wildlife and bring pets and firearms to the construction work areas?	Yes	
4.6-1c. 20. Workers did not intentionally kill or collect wildlife species, including special-status species in the project area and surrounding areas?	Yes	
MM 4.6-1i - NESTING BIRDS		
4.6-1i. 2. Surveys covered all potential nesting sites within 500 feet of the project area for raptors and within 300 feet for other birds?	Yes	
4.6-1i. 3. If a break of 10 days or more in construction activities during the breeding season, a new nesting bird survey was conducted before re-initiating construction?	Yes	
4.6-1i. 4. Clearance surveys were performed prior to work activities and impacts avoided?	Yes	
4.6-1i. 5. If special-status bird species were observed, was date, time, species, location, and behavior noted?	N/A	
MM 4.6-1j - BADGER		
4.6-1j. 1. Qualified biologist conducted preconstruction surveys for American badger dens in suitable habitat prior to the start of construction at potentially affected sites within 100 feet of the project area boundary?	Yes	
4.6-1j. 2. Along pipeline alignments, surveys were phased to occur within 14 days prior to disturbance along that portion of the alignment?	Yes	
4.6-1j. 3. Clearance surveys were performed prior to work activities, badgers absent and impacts avoided?	Yes	
4.6-1j. 4. If a badger was observed, was date, time, species, location, and behavior noted?	N/A	
4.6-1j. 5. If relocation was necessary, were the guidelines in the relocation plan followed?	N/A	
MM 4.6-1k - WOODRAT		
4.6-1k. 1. Qualified biologist conducted preconstruction surveys for Monterey dusky-footed woodrat within 14 days prior to the start of construction in suitable habitat and identify any woodrat nests located within 50 feet of anticipated construction disturbance areas?	Yes	
4.6-1k. 2. If woodrat nests were found during the preconstruction surveys, the biologist conducted additional surveys throughout the duration of construction activities at the potentially affected facility site to identify any newly constructed woodrat nests?	Yes	
4.6-1k. 3. If nests were observed outside of the construction area, the qualified biologist demarcated a minimum 50-foot buffer area with orange construction fencing and required all construction activities and disturbance remain outside of the fencing?	Yes	
4.6-1k. 4. Active woodrat nests located within the anticipated construction disturbance areas were relocated outside of the peak breeding season, (peak breeding season is typically February through November) to minimize disturbance to young woodrats?	N/A	

Compliance Question	Compliance Level	Note
4.6-1k. 5. Clearance surveys were performed prior to work activities and impacts avoided?	Yes	
4.6-1k. 6. If woodrat was observed, was date, time, species, location, and behavior noted?	N/A	
4.6-1k. 7. If relocation was necessary, were the guidelines in the relocation plan followed?	N/A	
MM 4.6-1p - INVASIVE PLANTS		
4.6-1p. 1. Driving or operating equipment was avoided in weed-infested areas outside of fenced work areas and travel was restricted to established roads?	Yes	
4.6-1p. 2. Leaving exposed soil or construction materials in areas with the potential for invasive plants (e.g., in staging areas) was avoided?	Yes	
4.6-1p. 3. Tools, equipment, and vehicles were clean before transporting materials and before entering and leaving worksites (e.g., wheel washing stations at Project site access points)?	Yes	
4.6-1p. 4. Vehicles and equipment were inspected for weed seeds and/or propagules stuck in tire treads or mud on the vehicle to minimize the risk of carrying them to unaffected areas?	Yes	
4.6-1p. 5. Vehicles and equipment inspected prior to project initiation at applicable work areas for weed seeds and plant fragments that could colonize within the site or be transported to other sites?	Yes	
4.6-1p. 6. At project initiation, all construction vehicles were cleaned to remove soil and plant fragments at designated locations, and vehicles or equipment that were not clean were rejected until clear of weed seed and plant fragments?	Yes	
4.6-1p. 7. All equipment and tools involved in soil disturbance at applicable work areas were disinfected using a 10% bleach or 70% isopropyl alcohol solution prior to initial use or prior to returning to applicable work areas if used on another project site?	Yes	
4.6-1p. 8. Only certified, weed-free, plastic-free imported erosion control materials (or rice straw in upland areas) were used for the project?	Yes	

Photos



05/01/2020 - MPE grinding/paving along Ragsdale Drive.



05/01/2020 - MPE repairing alignment leak along Lower Ragsdale Drive.



05/01/2020 - MPE repairing alignment leak along Wilson Road.



05/04/2020 - MPE grinding/paving along Lower Ragsdale Drive.



05/04/2020 - Intact silt fencing surrounding staging area.



05/04/2020 - Intact silt fencing surrounding staging area.



05/04/2020 - Intact stormwater BMPs in use adjacent to construction along Ragsdale Drive.



05/04/2020 - Intact stormwater BMPs in use adjacent to construction along Lower Ragsdale Drive.



05/04/2020 - Intact ESA fencing surrounding protected oak tree adjacent to staging area.



05/05/2020 - Newly identified black phoebe nest under MPE vehicle parked in staging area.





05/05/2020 - Additional view of newly identified black phoebe nest under MPE vehicle parked in staging area.



05/05/2020 - Newly identified black phoebe nest under MPE vehicle parked in staging area.



05/06/2020 - MPE grinding/paving along Lower Ragsdale Drive.



05/06/2020 - Intact stormwater BMPs in use adjacent to construction along Lower Ragsdale Drive during paving activities.



05/06/2020 - MPE installing ARV pad along Ragsdale Drive.



05/07/2020 - Flagging surrounding identified black phoebe nest in staging area.

# **APPENDIX B**

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## **CPUC Inspection Logs**

## Monterey Peninsula Water Supply Project (MPWSP)

### Daily Monitoring Log

**Date:** 05/08/2020

**Time:** 11:15 – 12:30

**Report Code:** MPWSP\_20200508\_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:**

- Grinding and paving along alignment (pothole excavation and compaction around air release valves).
- 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.
- 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 (2 active crow nest, 1 active bushtit nest, active swallow nests). One new nest was found by CalAm monitors this week within the staging area; a black phoebe nest with eggs was observed on 5/6/2020 on the underside of a flatbed truck parked in the staging area. CalAm monitors flagged the nest location and reported they have conducted baseline monitoring and notified MPE, and that MPE has agreed to leave the truck deactivated until the birds complete their nesting cycle.

- 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.
- ESA noted the following Level 1 Minor Incident:
  - Trash not properly contained within the staging area off York Road. Trash cans observed full and without lids, and trash was observed on the ground within the staging area. ESA monitors reported this to CalAm monitors.

Sharon Dulava  
**ESA Monitor**

05/08/2020  
**Date**



**Photo 1. MPE paving repairs on Lower Ragsdale Drive**



**Photo 2. MPE paving repairs on Lower Ragsdale Drive**



**Photo 3. Black phoebe nest under flatbed truck.**



**Photo 4. Trash improperly stored within staging area.**