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memorandum

date August 24, 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 (08/17/2020 –

08/21/2020)

Construction Activities

No construction activities occurred on site during the week of 8/17/2020 - 8/21/2020.

Compliance Activities

ESA did not conduct site inspections during the week of 8/17/2020 - 8/21/2020. Denise Duffy & Associates (CalAm monitors) conducted a weekly spot check on 8/17/2020. Additional information is included in the weekly CalAm report included in **Appendix A**.

Compliance Issues and Resolutions

During their weekly site inspection on 8/17/2020, CalAm monitors noted that silt and ESA fencing had been removed from the staging area ahead of construction activities and project completion. Silt and ESA fencing should be reinstalled should construction staging resume within the staging area.

In the CalAm weekly compliance report dated 7/24/2020, CalAm monitors reported that stock piles within the staging area were not covered, as required by MMRP Measures 4.6-1p and 4.10-1c. During their 8/17/2020 site visit, CalAm monitors confirmed that Monterey Peninsula Engineering (MPE) had removed the stockpiles.

No other compliance issues were reported for the week of 8/17/2020 - 8/21/2020.

APPENDIX A

CalAm Weekly Report

DATE: August 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

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 August 14, 2020 through August 20, 2020.

Project/Component: Ryan Ranch – Bishop Interconnection Project	Work Location: Ragsdale Drive and Ryan Ranch Staging Area
Monitoring Period: 8/14/2020 – 8/20/2020	Project Completion Status: 5,887 Linear Feet of Pipeline Installed (Pipeline Alignment Complete), Staging Yard Cleanup
Construction Contractors/Personnel: Monterey Peninsula Engineering	Biological Lead: M. Johnson
Biological Monitors: M. Hofmarcher	Days on Site: 8/17

Biological Surveys: Nesting Birds, American Badger, Monterey Dusky-Footed Woodrat (MDFW)Nests	WEAP Training: No
New Sensitive Resources: No	SWPPP Corrective Actions/Maintenance: Yes
Encountered Special-Status Species: No	Hazardous Spills: No
Relocated Plants or Wildlife: No	Compliance Issues: Yes

Denise Duffy & Associates, Inc. 2 08/14/2020-08/20/2020

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.

8/14/2020

· No work onsite.

8/17/2020

· No construction observed during monitoring period.

8/18/2020

· No work onsite.

8/19/2020

· No work onsite.

8/20/2020

· No work onsite.

Summary of Monitoring Activities

8/17/2020

- Walked alignment and staging area 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 from 1015 to 1130.
- Documented removal of silt and ESA fencing surrounding staging area.
- Confirmed removal of stored materials within staging area.
- · Photographed and recorded monitoring activities.

Environmental Compliance Issues

Silt and ESA fencing removed ahead of construction activities and project completion. DD&A did not observe any additional compliance issues during this monitoring period.

Recommendations

Silt fencing surrounding staging area and ESA fencing surrounding protected oak tree should be reinstalled, no additional adaptive management or mitigation is required.

Attachments

· Daily Monitoring Logs.

Denise Duffy & Associates, Inc. 3 08/14/2020-08/20/2020

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?	No	
4.6-1c. 2. Construction vehicles within the delineated construction work area boundary or local road network?	N/A	
4.6-1c. 3. Vehicles and equipment in project area maintaining 15 miles per hour or less speed limit?	N/A	
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?	N/A	
4.6-1c. 7. Introduction of exotic plant species avoided through physical or chemical removal and prevention?	N/A	
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?	N/A	
4.6-1c. 16. Parked vehicles or equipment in the project area were inspected underneath for wildlife prior to moving?	N/A	
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?	N/A	
4.6-1c. 20. Workers did not intentionally kill or collect wildlife species, including special-status species in the project area and surrounding areas?	N/A	
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	

Compliance Question	Compliance Level	Note
4.6-1i. 4. Clearance surveys were performed prior to work activities and impacts avoided?	N/A	
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?	N/A	
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	
4.6-1k. 5. Clearance surveys were performed prior to work activities and impacts avoided?	N/A	
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?	N/A	
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?	N/A	
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)?	N/A	
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?	N/A	
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?	N/A	
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	



Ryan Ranch-Bishop Interconnection Improvements Checklist

Ryan Ranch Bio Compliance Checklist - Phase 1 v3	
Project	Ryan Ranch-Bishop Interconnection Improvements
ID	113156
Survey Date	08/17/2020
User	Max Hofmarcher
Compared Information	
General Information	
Project Name	Cal Am Monterey Peninsula Water Supply Project
Project Number:	60489016
Is this a Non-Work day?	No X Yes
Reason for Non-Work:	Weather Delay Construction Equipment X Other
Project Location Monitored	Lower Ragsdale Drive Ragsdale Drive X Staging Area Wilson Road
Company Name	X DDA
Monitor Name	Max Hofmarcher
Time In	10:00 AM
Time Out	12:00 PM
Weather	
Start Temperature (F)	75
Start Cloud Cover (%)	0
Start Wind Speed (mph)	11
End Temperature (F)	77
End Cloud Cover (%)	0
End Wind Speed (mph)	10



Detailed Monitoring Activity	
Construction Activities Monitored	Observed no construction activities during site visit.
Log of Monitoring Activities	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 from the hours of 1015 to 1130.
	Documented removal of silt and ESA fencing surrounding staging area.
	Confirmed removal of stored materials within staging area.
	Photographed and recorded monitoring activities.



General Project Site Photo(s)



Confirmed no work on site.



ESA fencing surrounding protected oak tree adjacent to staging area removed.



Stored materials removed from staging area.



Silt fencing surrounding staging area removed.



Silt fencing surrounding staging area removed.

MM 4.6-1b - WEAT

4.6-1B. CONSTRUCTION WORKER ENVIRONMENTAL AWARENESS TRAINING AND EDUCATION



4.6-1b. 1. All workers attend WEAT training and have sticker on hardhat?	N/A No X Yes
WEAT Notes	
MM 4.6-1c - GENERAL	
4.6-1C. GENERAL AVOIDANCE AND MINIMIZATION MEASURES	
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?	N/A X No Yes
4.6-1c. 2. Construction vehicles within the delineated construction work area boundary or local road network?	X N/A No Yes
4.6-1c. 3.Vehicles and equipment in project area maintaining 15 miles per hour or less speed limit?	X N/A No Yes
4.6-1c. 4. Excavated soils stockpiled in disturbed areas lacking native vegetation and marked to define the limits?	N/A No X Yes
4.6-1c. 5. Standard best management practices employed to prevent loss of habitat due to erosion caused by project related impacts?	N/A No X Yes
4.6-1c. 6. Fueling of construction equipment within existing paved areas and at least 50 feet from drainages and native habitats?	X N/A No Yes
4.6-1c. 7. Introduction of exotic plant species avoided through physical or chemical removal and prevention?	X N/A No Yes
4.6-1c. 8. Use of herbicides as vegetation control measures used only when mechanical means have been deemed ineffective?	X N/A No Yes
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?	N/A No X 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	X N/A No



the project area?	Yes
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?	X N/A No Yes
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?	N/A No X 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?	N/A No X 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?	N/A No X 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?	X N/A No Yes
4.6-1c. 16. Parked vehicles or equipment in the project area were inspected underneath for wildlife prior to moving?	X N/A No Yes
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?	N/A No X 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?	N/A No X Yes
4.6-1c. 19. Workers did not feed wildlife and bring pets and firearms to the construction work areas?	X N/A No 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?	X N/A No Yes
General Notes	
MM 4.6-1i - NESTING BIRDS	
4.6-11. AVOIDANCE AND MINIMIZATION MEASURES FOR 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?		N/A
	X	No 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?		N/A No
Construction:	X	Yes
4.6-1i. 4. Clearance surveys were performed prior to work activities and impacts avoided?	X	N/A
		No
4.6-1i. 5. If special-status bird species were observed, was date, time, species,		Yes
location, and behavior noted?	X	N/A No
		Yes
Nesting Bird Notes		
MM 4.6-1j - BADGER		
4.6-1J. AVOIDANCE AND MINIMIZATION MEASURES FOR AMERICAN 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		N/A
affected sites within 100 feet of the project area boundary?	Щ	No
	X	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?		N/A
		No
4.C. 4: 2. Classes and an experience of a significant and a sticking had a second	X	Yes
4.6-1j. 3. Clearance surveys were performed prior to work activities, badgers absent and impacts avoided?	X	N/A
	Н	No Yes
4.6-1j. 4. If a badger was observed, was date, time, species, location, and	X	N/A
behavior noted?		No
		Yes
4.6-1j. 5. If relocation was necessary, were the guidelines in the relocation plan followed?	X	N/A
	\square	No
	Ш	Yes
Badger Notes		
MAN 4 C 11, MICODDAT		
MM 4.6-1k - WOODRAT		
4.6-1K. AVOIDANCE AND MINIMIZATION MEASURES FOR MONTEREY DUSKY-FOOTI	ED W	OODRAT
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		N/A



habitat and identify any woodrat nests located within 50 feet of anticipated construction disturbance areas?	No X 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?	N/A No X 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?	N/A No X 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?	X N/A No Yes
4.6-1k. 5. Clearance surveys were performed prior to work activities and impacts avoided?	X N/A No Yes
4.6-1k. 6. If woodrat was observed, was date, time, species, location, and behavior noted?	X N/A No Yes
4.6-1k. 7. If relocation was necessary, were the guidelines in the relocation plan followed?	X N/A No Yes
Woodrat Notes	
MM 4.6-1p - INVASIVE PLANTS	
4.6-1P.CONTROL MEASURES FOR SPREAD OF 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?	X N/A No 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?	X N/A No 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)?	X N/A No 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?	X N/A No 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?	N/A No X 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?	N/A No X 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?	X N/A No 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?	N/A No X Yes
Invasive Plant Notes	
NON COMPLIANCE REPORTING	
NON COMPLIANCE REPORTING	
Non-Compliance Incident	
Preparer's Name, Title, and Organization	
Measure Number	4.6-1c General Avoidance and Minimization Measures 4.6-1e. Avoidance and Minimization Measures for Special-status Plants 4.6-1g. Avoidance and Minimization Measures for Black Legless Lizard, Silvery Legless Lizard, and Coast Horned Lizard 4.6-1h. Avoidance and Minimization Measures for Western Burrowing Owl 4.6-1i. Avoidance and Minimization Measures for Nesting Birds 4.6-1j. Avoidance and Minimization Measures for American Badger. 4.6-1k. Avoidance and Minimization Measures for Monterey Dusky-Footed Woodrat 4.6-1l. Avoidance and Minimization Measures for Special-Status Bats



	4.6-1o. Avoidance and Minimization Measures for California Red-Legged Frog and California Tiger Salamander 4.6-1p.Control Measures for Spread of Invasive Plants 4.6-4. Compliance with Local Tree Ordinances
Incident Date	
Incident Time	
Incident Start Date	
Resolution Date	
Resolution Time	
Incident Summary	
Corrective Actions	
Attached Photo(s)	None
Sensitive Species Observation	
Sensitive species observed?	X No Yes
Additional Notes	

