

memorandum

date November 16, 2020

to John Forsythe, AICP

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

from Sharon Dulava (ESA)

subject MPWSP – Carmel Valley Pump Station Project and Ryan Ranch – Bishop Interconnection Improvements Project Weekly Report (11/09/2020 – 11/13/2020)

Construction Activities

Carmel Valley Pump Station

- No construction activities took place during the week of 11/09/2020 – 11/13/2020.

Ryan Ranch – Bishop Interconnection

- Work was conducted by Monterey Peninsula Engineering (MPE) on Ragsdale Drive and Highway 68 intersection and on Blue Larkspur Lane. MPE conducted work on tie-in at the Ragsdale/Highway 68 Intersection. MPE trenched and installed electrical conduit from Blue Larkspur Lane to existing pump station located between Blue Larkspur Lane and the unnamed drainage. Upon completion of the project, MPE removed equipment and spoils stockpiles within staging area off of York Road.

Compliance Activities

Carmel Valley Pump Station

- Denise Duffy & Associates (CalAm monitors) were on site for compliance inspections on 11/10/2020. No construction activities were observed. Pipes in the work area were capped as required by **Mitigation Measure 4.6-10**. Additional information about compliance activities is included in the weekly CalAm report included in **Appendix A**. ESA conducted a site inspection on 11/10/2020. An inspection log is included in **Appendix B**.

Ryan Ranch – Bishop Interconnection Improvements

- ESA conducted a site inspection on 11/10/2020. Denise Duffy & Associates (CalAm monitors) were on site for compliance inspections on 11/09/2020 and 11/10/2020. Construction activities took place on

11/09/2020. Construction activities have been completed for the Ryan Ranch – Bishop Interconnection Improvements Project. Additional information about compliance activities is included in the weekly CalAm report included in Appendix A and ESA inspection logs included in Appendix B.

Compliance Issues and Resolutions

Carmel Valley Pump Station

- The following minor compliance issue was first noted on 11/05/2020 and is ongoing:
 - A small section of silt fence is compromised due to backed up soil (see **Mitigation Measure 4.6-1o**).

Ryan Ranch – Bishop Interconnection Improvements

- ESA observed that the following minor compliance issues had been addressed during the 11/10/2020 site inspection:
 - MPE was utilizing the staging area that had previously been approved (see Notice to Proceed No. 2, Appendix B-4) but had not reinstalled BMPs such as silt fence/straw wattle and tree protection. During the 11/10/2020 site inspection, ESA observed that all construction equipment and materials had been removed and the staging area was no longer in use.
- ESA observed the following minor issue during the 11/10/2020 site visit:
 - ESA observed loose soils where trenching had occurred for electrical conduit installation between Blue Larkspur Lane and the existing pump house. ESA and CalAm monitors recommended additional compaction to prevent and sediment from entering into the nearby drainage.

APPENDIX A

CalAm Weekly Reports



DATE: November 13, 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) Carmel Valley Pump Station (CVPS) component of the larger 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 November 9, 2020 through November 13, 2020.

Project/Component: Carmel Valley Pump Station	Work Location: Carmel Valley Road & Rancho San Carlos Road
Monitoring Period: 11/9/2020 – 11/13/2020	Project Completion Status: Concrete Framing and Pouring Pump Station Pad
Construction Contractors/Personnel: Monterey Peninsula Engineering	Biological Lead: M. Johnson
Biological Monitor/s: M. Johnson	Days on Site: 11/10

Biological Surveys: N/A	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: Yes

Summary of Construction Activities

This section is intended to provide a brief summary of daily construction progress.

11/10/2020

- No work observed during monitoring period.

Summary of Monitoring Activities

11/10/2020

- DD&A compliance monitor inspected the status of exclusionary fencing and proper trash disposal in accordance with Mitigation Measure 4.6-1c.
- DD&A performed ongoing monitoring according to Mitigation Measure 4.6-1a.
- DD&A compliance monitor identified excess exclusionary fencing in need of removal.
- DD&A compliance monitor identified excessive soil piling up against exclusionary fencing in need of removal.
- Met with ESA and walked site.
- Photographed and recorded all monitoring activities.

Compliance Checklist

Compliance Question	Compliance Level	Note
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?	Yes	
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?	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 inspected underneath for wildlife prior to moving?	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?	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 4.6-1e - SPECIAL STATUS PLANTS		
4.6-1e. Avoidance and Minimization Measures for Special-status Plants		

Compliance Question	Compliance Level	Note
4.6-1e. 3. Special-status plants located within temporary construction areas were fenced or flagged for avoidance (if feasible) prior to construction?	N/A	
MM 4.6-1i - NESTING BIRDS		
4.6-1i. Avoidance and Minimization Measures for Nesting Birds		
4.6-1i. 1. 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. 3. 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. 2. For all construction activities scheduled during the nesting season (February 1 to September 15), a qualified biologist conducted a pre-construction avian nesting survey no more than 10 days prior to the start of staging, site clearing, and/or ground disturbance?	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 4.6-1k - WOODRAT		
4.6-1k. Avoidance and Minimization Measures for Monterey Dusky-Footed Woodrat		
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 4.6-1o - CRLF & CTS		
4.6-1o. Avoidance and Minimization Measures for California Red-Legged Frog and California Tiger Salamander		
4.6-1o. 1. If California Red-legged Frog and California Tiger Salamander was observed, were the guidelines in the relocation plan followed and authorization from USFWS and CDFW obtained?	N/A	
4.6-1k. 2. If California Red-legged Frog and California Tiger Salamander was observed, was date, time, species, location, and behavior noted?	N/A	
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?	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



11/10/2020 - Site conditions.



11/10/2020 - Site conditions.

11/10/2020 - Excess silt fence to be removed.



11/10/2020 - Soil piled up against the silt fence.



11/10/2020 - Site conditions.





DENISE DUFFY & ASSOCIATES, INC.
PLANNING AND ENVIRONMENTAL CONSULTING

DATE: November 13, 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) Ryan Ranch - Bishop Interconnection (Project) component of the larger 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 November 9, 2020 through November 13, 2020.

Project/Component: Ryan Ranch – Bishop Interconnection Project	Work Location: Blue Larkspur Lane, Ragsdale Drive and Hwy 68, and Ryan Ranch Staging Area
Monitoring Period: 11/9/2020 – 11/13/2020	Project Completion Status: 5,887 Linear Feet of Pipeline Installed (Pipeline Alignment Complete), Electrical Conduit Alignment Installation Complete
Construction Contractors/Personnel: Monterey Peninsula Engineering	Biological Lead: M. Johnson
Biological Monitors: M. Hofmarcher	Days on Site: 11/9, 11/10

Biological Surveys: No	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

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.

11/9/2020

- Crew working on tie-in on Ragsdale Drive and Hwy 68 intersection.
- Crew excavating electrical conduit towards the existing pump station on Blue Larkspur Lane.

11/10/2020

- No work observed during monitoring visit

Summary of Monitoring Activities

11/9/2020

- Walked alignment and staging area and conducted daily monitoring requirements per MM 4.6-1c.
- Discussed moving materials/equipment/vehicles outside of unapproved staging area.
- Photographed and recorded monitoring activities.

11/10/2020

- Walked alignment and staging area and conducted daily monitoring requirements per MM 4.6-1c.
- Met with ESA onsite.
- Confirmed completion of construction and removal of all materials/equipment/vehicles from unapproved staging area.
- Photographed and recorded monitoring activities.

Environmental Compliance Issues

Crew staging materials/vehicles inside unapproved staging area on York Drive. DD&A did not observe any additional compliance issues during this monitoring period.

Recommendations

Materials/vehicles should be removed from unapproved staging area (Complete), no additional 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?	No	
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?	No	
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 inspected underneath for wildlife prior to moving?	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?	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	

Compliance Question	Compliance Level	Note
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	
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



11/09/2020 - Installation of electrical conduit along Blue Larkspur Lane.



11/09/2020 - Trenching to pump station for electrical conduit adjacent to Blue Larkspur Lane.



11/09/2020 - Equipment within unapproved staging area.



11/09/2020 - Equipment within unapproved staging area.



11/09/2020 - Tie-in work at Ragsdale Drive and Hwy 68.



11/10/2020 - Staging area cleared.



11/10/2020 - Staging area cleared.



11/10/2020 - Staging area cleared.



11/10/2020 - Staging area cleared.



11/10/2020 - Completed trenching for electrical.



11/10/2020 - Restored area for electrical.



11/10/2020 - Tie in location at Blue Larkspur.

APPENDIX B

CPUC Inspection Logs

Monterey Peninsula Water Supply Project (MPWSP)

Daily Monitoring Log

Date: 11/10/2020

Time: 09:00 – 10:30

Report Code: MPWSP_20201110_sd

Project Site: Carmel Valley Pump Station and 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:

- Carmel Valley Pump Station
 - No construction activities on site on 11/10/2020.
- Ryan Ranch – Bishop Interconnection Improvements
 - No construction activities on site on 11/1/2020.

General Summary of Mitigation Compliance and Site Conditions:

- Carmel Valley Pump Station
 - CalAm monitor onsite to conduct weekly site inspection.
 - Silt exclusion fence mostly in good condition, however, small section of silt fence compromised due to backed up soil (see Mitigation Measure 4.6-1o). This issue was first noted during the 11/05/2020 site inspection.
 - Pipes in work area were capped as required by Mitigation Measure 4.6-1o.
- Ryan Ranch – Bishop Interconnection Improvements
 - CalAm monitor onsite conducting compliance monitoring.
 - All equipment and materials have been removed from the staging area.
 - The following minor issues were noted:
 - Noticeable ground disturbance from where heavy equipment had been stored outside of the graveled staging area.

- Shallow trenching for electrical connections to existing pump house south of Blue Larkspur Lane have been completed. BMPs (eg., wildlife-friendly straw wattle) should be installed to prevent sediment from entering into creek.

Sharon Dulava
ESA Monitor

11/10/2020
Date



Photo 1. Carmel Valley Pump Station: small section of silt fence compromised.



Date & Time: Tue, Nov 10, 2020, 09:09:12 PST
Position: +036.538989° / -121.872010° (±52.5ft)
Altitude: 68ft (±10.4ft)
Datum: WGS-84
Azimuth/Bearing: 357° N03W 6347mils True (±12°)
Elevation Angle: -17.9°
Horizon Angle: -00.1°
Zoom: 1.0X

Photo 2. Carmel Valley Pump Station: ends of pipes covered.



Date & Time: Tue, Nov 10, 2020, 09:53:25 PST
Position: +036.572218° / -121.807824° (±78.7ft)
Altitude: 193ft (±10.4ft)
Datum: WGS-84
Azimuth/Bearing: 293° N67W 5209mils True (±13°)
Elevation Angle: -17.3°
Horizon Angle: +01.9°
Zoom: 1.0X

Photo 3. Ryan Ranch – Bishop Interconnection Improvements: Ground disturbance along staging area.



Photo 4. Ryan Ranch – Bishop Interconnection Improvements: Trenching along Blue Larkspur Lane complete.



Photo 5. Ryan Ranch – Bishop Interconnection Improvements: Trenching for pump house connection complete. Installation of erosion control BMPs is recommended.