

# memorandum

date March 1, 2021

to John Forsythe, AICP

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

from Sharon Dulava (ESA)

subject MPWSP – Carmel Valley Pump Station Project Weekly Report (2/22/2021 – 2/26/2021)

## ***Construction Activities***

Construction activities during the week of 2/22/2021 – 2/26/2021 included delivery of materials and equipment, construction of the pump station building by Cornerstone Masonry, and repair of exclusionary fencing (silt fence).

## ***Compliance Activities***

ESA conducted a site inspection on 2/25/2021. Denise Duffy & Associates (CalAm monitors) were on site for compliance inspections on 2/22/2021, 2/23/2021, and 2/25/2021. Exclusionary fencing has been repaired (**Mitigation Measure 4.6-1c** and **Mitigation Measure 4.6-1o**), BMPs were observed around the stock pile (**Mitigation Measure 4.6-1o**), and pipes in the work area were observed capped (**Mitigation Measure 4.6-1o**). CalAm monitors provided worker environmental awareness training to new crew members from Cornerstone Masonry (**Mitigation Measure 4.6-1b**). Additional information about compliance activities is included in the weekly CalAm report included in **Appendix A** and ESA inspection log in **Appendix B**.

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

The following minor compliance issue was observed by CalAm monitors during their 2/22/2021 and 2/23/2022 site visits. This issue was ongoing and was first noted during the week 1/25/2021 – 1/29/2021. During the 2/25/2022 site visit, ESA and CalAm monitors confirmed that this issue had been resolved.

- Silt exclusion fence was down in sections along north and west edges. Silt fence was compromised along the west border due to a back-up of sediment near the pump station pad. Silt fence was also down in a section along north edge due to erosion caused by water that had flowed from a pipe coming from the neighboring property. ESA recommended that silt fence should be repaired to prevent special-status amphibians from entering the site (**Mitigation Measure 4.6-1o**). ESA and CalAm monitors confirmed on 2/25/2021 that the silt fence had been repaired in both sections and that all fenced areas were in accordance with Mitigation Measure 4.6-1o.

# **APPENDIX A**

---

## CalAm Weekly Report



DATE: February 26, 2021

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 February 22, 2021 through February 26, 2021.

Project/Component: <b>Carmel Valley Pump Station</b>	Work Location: <b>Carmel Valley Road &amp; Rancho San Carlos Road</b>
Monitoring Period: <b>2/22/2021 – 2/26/2021</b>	Project Completion Status: <b>Material Delivery, Stem Wall Construction Planned</b>
Construction Contractors/Personnel: <b>Monterey Peninsula Engineering</b>	Biological Lead: <b>M. Johnson</b>
Biological Monitor/s: <b>M. Hofmarcher</b>	Days on Site: <b>2/22, 2/23, 2/25</b>

Biological Surveys: <b>N/A</b>	WEAT Training: <b>Yes</b>
New Sensitive Resources: <b>No</b>	SWPPP Corrective Actions/Maintenance: <b>Yes</b>
Encountered Special-Status Species: <b>No</b>	Hazardous Spills: <b>No</b>
Relocated Plants or Wildlife: <b>No</b>	Compliance Issues: <b>No</b>

**Summary of Construction Activities**

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

2/22/2021

- Observed masonry crew unloading materials/equipment and preparing for pump station wall construction.

2/23/2021

- Observed masonry crew onsite constructing pump station walls.

2/25/2021

- Observed masonry crew onsite continuing construction of pump station walls.

## Summary of Monitoring Activities

2/22/2021

- 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 conducted WEAT training for two (2) new Cornerstone Masonry crew members.
- DD&A observed bank erosion within work area damaging exclusionary fencing in need of maintenance.
- DD&A compliance monitor observed clearing of eroded soil built up against exclusionary fencing at sections previously identified in preparation for fencing repairs.
- DD&A observed section of exclusionary fencing showing signs of deterioration in need of maintenance.
- Photographed project site conditions.

2/23/2021

- 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 conducted WEAT training for one (1) new Cornerstone Masonry crew member.
- DD&A observed section of exclusionary fencing showing signs of deterioration in need of maintenance.
- Photographed project site conditions.

2/25/2021

- 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 confirmed repair of exclusionary fencing surrounding the work area.
- DD&A compliance monitor conducted site walkthrough with CPUC compliance representative
- Photographed project site conditions.

**Compliance Checklist**

Compliance Question	Compliance Level	Note
MM 4.6-1b - WEAT		Conducted WEAT training for three (3) new crew members.
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	Exclusion fence was repaired and repairs were documented and approved by DD&A/ESA.
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?	No	
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		

Compliance Question	Compliance Level	Note
4.6-1e. Avoidance and Minimization Measures for Special-status Plants		
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



02/22/2021 - Site conditions.



02/22/2021 - Site conditions.



02/22/2021 - Site conditions.



02/22/2021 - Intact exclusionary fencing surrounding work area.





02/22/2021 - Intact exclusionary fencing surrounding work area.



02/22/2021 - Eroded soil cleared from exclusionary fencing surrounding work area.



02/23/2021 - Site conditions.



02/23/2021 - Site conditions.



02/23/2021 - Intact exclusionary fencing surrounding work area.



02/23/2021 - Intact exclusionary fencing surrounding work area.



02/23/2021 - Intact exclusionary fencing surrounding work area.



02/25/2021 - Site conditions.



02/25/2021 - Site conditions



02/25/2021 - Site conditions.



02/25/2021 - Confirmed repair of damaged exclusionary fencing surrounding work area.



02/25/2021 - Confirmed repair of damaged exclusionary fencing surrounding work area.

## **APPENDIX B**

---

### **CPUC Inspection Logs**

## **Monterey Peninsula Water Supply Project (MPWSP)**

### **Daily Monitoring Log**

**Date:** 2/25/2021

**Time:** 09:05 – 09:30

**Report Code:** MPWSP\_20210225\_sd

**Project Site:** Carmel Valley Pump Station

**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:**

- Cornerstone Masonry onsite constructing pump station building.

**General Summary of Mitigation Compliance and Site Conditions:**

- CalAm monitor onsite to conduct weekly site inspection.
- BMPs around stock pile in place (Mitigation Measure 4.6-1o).
- Pipes in work area were capped as required by Mitigation Measure 4.6-1o.
- The following compliance issue was noted by ESA on 1/27/2021 and has been resolved:
  - Silt exclusion fence down in sections along north and west edges. Silt fence is compromised along west border due to a back-up of sediment near pad. Silt fence is down in section along north edge due to erosion caused by water that had flowed from a pipe coming from the neighboring property. Silt fence should be repaired to prevent special-status amphibians from entering the site (Mitigation Measure 4.6-1o). CalAm monitors have confirmed they have discussed this need with the contractor.
  - ESA noted that these areas have been repaired. Sediment has been removed where backed up along silt fence and fence has been reinstalled to adequately prevent special-status amphibians from entering into the site.



Sharon Dulava

**ESA Monitor**

2/25/2021

Date



Photo 1. Pump station.



Photo 2. Silt fence repaired after being compromised due to erosion.



Photo 3. Pipes capped.



Photo 4. Silt fence along west border repaired.