

# memorandum

date September 28, 2020

to John Forsythe, AICP

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

from Sharon Dulava (ESA)

subject MPWSP – Carmel Valley Pump Station Project Weekly Report (09/21/2020 – 09/25/2020)

## ***Construction Activities***

Construction activities at the Carmel Valley Pump Station (CVPS) during the week of 09/21/2020 – 09/25/2020 were conducted by Monterey Peninsula Engineering (MPE). Construction activities consisted of grading and compaction of the work area and repair of temporary exclusionary silt fencing. 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 inspections on 09/24/2020 and 09/25/2020. Compliance inspections included monitoring the status of exclusionary fencing, proper trash disposal, fueling of vehicles at least 50 away from drainages and native habitats, and conducting Worker Environmental Awareness Training (WEAT). Additional information about CalAm compliance monitoring are included in Appendix A. ESA conducted a weekly site inspection on 09/24/2020 (Appendix B).

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

The following compliance issues (refer to **Mitigation Measure 4.6-1o**) were noted on 09/24/2020 by ESA and CalAm monitors:

- Vehicles were observed parked outside of designated staging areas and temporary impact areas. Vehicles were parked on annual grass dominated area outside of riparian areas.
- Sections of silt fence were down; gaps were visible on outer edge of silt fence.

CalAm monitors alerted MPE of compliance issues on 09/24/2020. CalAm monitors confirmed the repair of temporary exclusion fencing and that all staging and vehicle parking was confined to cleared areas within exclusionary fencing on 09/25/2020.

# **APPENDIX A**

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## CalAm Weekly Report



DATE: September 28, 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 September 21, 2020 through September 25, 2020.

Project/Component: <b>Carmel Valley Pump Station</b>	Work Location: <b>Carmel Valley Road &amp; Rancho San Carlos Road</b>
Monitoring Period: <b>9/21/2020 – 9/25/2020</b>	Project Completion Status: <b>Soil Import and Site Compaction</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>9/24 &amp; 9/25</b>

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

**Summary of Construction Activities**

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

9/24/2020

- Grading and compaction within temporary exclusionary fencing.

9/25/2020

- Grading and compaction within temporary exclusionary fencing.

## **Summary of Monitoring Activities**

9/24/2020

- DD&A compliance monitor inspected 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 observed several sections of exclusionary fencing in disrepair, discussed repairs with H2O Solutions and MPE.
- DD&A compliance monitor observed staging and parking outside of cleared exclusionary fencing area, discussed items with H2O Solutions and MPE.
- Photographed and recorded all monitoring activities.

9/25/2020

- DD&A compliance monitor inspected 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 fueling of vehicles at least 50 feet from drainages and natural habitats in accordance with Mitigation Measure 4.6-1c.
- DD&A compliance monitor performed Worker Environmental Awareness Training and Education for (3) new construction crew in accordance with Mitigation Measure 4.6-1b
- DD&A compliance monitor confirmed repair of temporary exclusionary fencing surrounding construction area.
- DD&A compliance monitor confirmed with MPE that all staging and vehicle parking will be confined to cleared areas within the exclusionary fencing.
- 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		WEAT Conducted for 3 new construction personnel.
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	Exclusionary fencing confirmed repaired on 9/25
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	On-site trash receptacle confirmed
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		Outside of nesting season
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**



09/24/2020 - Parking observed outside temporary impact area .



09/24/2020 - View of exclusionary fencing.



09/24/2020 - View of exclusionary fencing.



09/25/2020 - Repaired exclusionary fencing surrounding construction area.





09/25/2020 - Repaired exclusionary fencing surrounding construction area.



09/25/2020 - Repaired exclusionary fencing surrounding construction area.



09/25/2020 - Trash receptacle on-site.

**CONSTRUCTION WORKER ENVIRONMENTAL AWARENESS  
TRAINING AND EDUCATION PROGRAM  
SIGN-IN SHEET**

**Project:** Central Valley Pump Station      **Days:**  
**Facilitator:** Denise Duffy, Jr. Associates, Inc.      **Location:**

The sign-in below, the participant indicates that they have completed the Central Valley Pump Station Employee Education Program for Biological Resources, and they understand and agree to abide by the guidelines set forth in the Program.

Name	Signature	Company	Date
JAMES PEREZ	[Signature]	MPE	9/16/20
XICO GARCIA	[Signature]	MPE	9/16/20
Brandon Burch	[Signature]	MPE	9/16/20
MOE WILSON	[Signature]	MPE	9/16/20
WILLIAM WILSON	[Signature]	MPE	9/16/20
FRANCISCO GONZALEZ	[Signature]	AEI.com	9/16/20
WILLIAM GONZALEZ	[Signature]	AEI.com	9/16/20
WILLIAM GONZALEZ	[Signature]	MPE	9/16/20
WILLIAM GONZALEZ	[Signature]	MPE	9/16/20
WILLIAM GONZALEZ	[Signature]	MPE	9/16/20
WILLIAM GONZALEZ	[Signature]	MPE	9/16/20

09/25/2020 - WEAT sign-in sheet.

## **APPENDIX B**

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### **CPUC Inspection Logs**

## Monterey Peninsula Water Supply Project (MPWSP)

### Daily Monitoring Log

**Date:** 09/24/2020**Time:** 12:45 – 14:00**Report Code:** MPWSP\_20200924\_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:**

- Grading and compaction within exclusion fencing.
- Work being conducted by Monterey Peninsula Engineers (MPE).

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

- Denise Duffy & Associates (CalAm monitors) on site for weekly compliance monitoring.
- Silt fence has been installed along work area as exclusion fencing.
- The following compliance issues (refer to **Mitigation Measure 4.6-1o**) were noted on 09/24/2020 by ESA and CalAm monitors:
  - Vehicles were observed parked outside of designated staging areas and temporary impact areas. Vehicles were parked on annual grass dominated area outside of riparian areas.
  - Sections of silt fence were down; gaps were visible on outer edge of silt fence.
  - The CalAm monitor alerted MPE of these issues.

Sharon Dulava  
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**ESA Monitor**

09/24/2020  
\_\_\_\_\_  
**Date**



Photo 1. Silt fence in need of repair



Photo 2. Vehicles parked outside of designated staging/temporary impacts zone.