

memorandum

date September 21, 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 (09/14/2020 – 09/18/2020)

Construction Activities

Construction activities at the Carmel Valley Pump Station (CVPS) during the week of 09/14/2020 – 09/18/2020 were conducted by Monterey Peninsula Engineering (MPE). Construction activities consisted of delivery of construction materials and equipment, clearing of vegetation along limits of grading in preparation of silt fence installation, trenching and installation of exclusionary fencing (silt fence) around the site, and grading and compaction of the construction area. Additional information about construction activities is included in the weekly CalAm report included in **Appendix A**.

Compliance Activities

ESA did not conduct a site inspection during the week of 09/14/2020 – 09/18/2020. Denise Duffy & Associates (CalAm monitors) were on site daily from the commencement of project activities on 9/16/2020 through 9/18/2020. Compliance activities included monitoring the initial ground disturbance, installation 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 is included in the weekly CalAm report included in Appendix A.

Compliance Issues and Resolutions

No compliance issues were reported for the week of 09/14/2020 – 09/18/2020.

APPENDIX A

CalAm Weekly Report



DATE: September 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) 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 16, 2020 through September 18, 2020.

Project/Component: Carmel Valley Pump Station	Work Location: Carmel Valley Road & Rancho San Carlos Road
Monitoring Period: 9/16/2020 – 9/18/2020	Project Completion Status: Initial Site Clearing and Compaction Ongoing
Construction Contractors/Personnel: Monterey Peninsula Engineering	Biological Lead: M. Johnson
Biological Monitor/s: M. Hofmarcher	Days on Site: 9/16, 9/17, & 9/18

Biological Surveys: N/A	WEAT Training: Yes
New Sensitive Resources: No	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.

9/16/2020

- Onset of construction.
- Delivery of construction materials and equipment (backhoe, bulldozer, porta-potty, ect.).
- Clearing of vegetation along limits of grading in preparation for silt fence installation.
- Trenching and installation of exclusionary fencing surrounding construction area along "limits of grading".

9/17/2020

- Continued delivery of materials.
- Surveyors establishing elevation stakes for grading and compaction.

- Continued trenching and installation of silt fencing surrounding construction area.

9/18/2020

- Grading and compaction of construction area.
- Completion of trenching and installation of exclusionary fencing surrounding construction area.

Summary of Monitoring Activities

8/16/2020

- DD&A compliance monitor inspected status of protective fencing and proper trash disposal in accordance with Mitigation Measure 4.6-1c.
- 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 (7) new construction crew in accordance with Mitigation Measure 4.6-1b
- DD&A performed ongoing monitoring according to Mitigation Measure 4.6-1a.
- Observed initial ground clearing of vegetation within construction area.
- Observed trenching around planned limits of grading in preparation for temporary exclusionary fencing (silt fence) installation.
- Confirmed initial installation of temporary exclusionary silt fencing surrounding construction area.
- Photographed and recorded all monitoring activities.

8/17/2020

- DD&A compliance monitor inspected status of protective fencing and proper trash disposal in accordance with Mitigation Measure 4.6-1c.
- 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 () new construction crew in accordance with Mitigation Measure 4.6-1b
- DD&A performed ongoing monitoring according to Mitigation Measure 4.6-1a.
- DD&A compliance monitor performed pre-construction wildlife clearance survey on all onsite vehicles and equipment within construction area.
- Confirmed continued installation of temporary exclusionary silt fencing surrounding construction area.
- Photographed and recorded all monitoring activities.

8/18/2020

- DD&A compliance monitor inspected status of protective fencing and proper trash disposal in accordance with Mitigation Measure 4.6-1c.
- 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 performed ongoing monitoring according to Mitigation Measure 4.6-1a.
- DD&A compliance monitor performed pre-construction wildlife clearance survey on all onsite vehicles and equipment within construction area.
- Confirmed completion of temporary exclusionary silt fencing surrounding construction area.
- Photographed and recorded all monitoring activities.

Compliance Checklist

Compliance Question	Compliance Level	Note
4.6-1b. Construction Worker Environmental Awareness Training and Education	Yes	WEAT Conducted for 8 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	Fencing (silt) installed surrounding site as of 9/18.
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?	Yes	Pre-construction clearance surveys conducted prior to vegetation removal each day. Pre-construction burrow surveys conducted prior to construction initiation.
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	Trash and food items collected and taken off site each day following construction activities.
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	
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?	N/A	Some excavated soils left on site for short term storage in preparation for grading material import, estimated offhauling on 9/21-9/25.
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



09/16/2020 - Trench and silt fencing installation surrounding construction area.



09/16/2020 - Initial vegetation clearing within limits of grading.



09/18/2020 - Graded and compacted area within construction site.



09/18/2020 - Completed silt fencing surrounding staging area and access route.



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