

memorandum

date July 19, 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 (7/12/2021 – 7/16/2021)

Construction Activities

Construction activities observed during the week of 7/12/2021 – 7/16/2021 included sealing of the existing well, located in the southwest corner of the site.

Compliance Activities

ESA was on site for a site inspection on 7/15/2021. Denise Duffy & Associates (CalAm monitors) were on site for well demolition activities, which involved the sealing of the existing well. During well demolition activities that took place on 7/13/2021 and 7/14/2021, a portion of the silt fence (exclusion fence) was taken down to allow access for equipment used for demolition activities. CalAm monitors were onsite on 7/13/2021 and 7/14/2021 to provide Worker Environmental Awareness Training (**Mitigation Measure 4.6-1b**) for the well demolition crew and to inspect the site for special status species (e.g., California red-legged frog) prior to the start of activities each day. A CalAm monitor was also on site on 7/15/2021 to conduct a compliance inspection and reinstall exclusion fence, following the initial pour of the well seal. After reinstallation, exclusionary fencing was determined to be in acceptable condition to prevent special-status amphibians from entering the work area (**Mitigation Measure 4.6-1c** and **Mitigation Measure 4.6-1o**). ESA observed that concrete/grout used to seal the well had spilled immediately around the well, but was contained by silt fencing. An inspector with H2O solutions confirmed that the materials will be cleaned upon completion of well demolition. Pipes stored in the work area should be inspected for special-status species prior installation (**Mitigation Measure 4.6-1o**).

During the 7/15/2021 site inspection, a California towhee nest, located approximately 70 feet southwest of work area, was observed. The nest contained at least one chick and was being attended to by an adult towhee. CalAm monitors informed crews working on site that work was to remain within the fenced area to ensure the nest would not be disturbed, and stated they will monitor the nest until the young have fledged and are no longer reliant upon the nest for survival.

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

No compliance issues were observed during the week of 7/12/2021 – 7/16/2021. ESA observed that nonnative vegetation (i.e., mustard) was starting to grow along exclusion fencing at the northern site boundary. At the time of the 7/15/2021 compliance inspection, this vegetation was not found to be compromising the exclusion fence or otherwise allowing sensitive wildlife species to enter the site. Mowing the vegetation was recommended to prevent further spread within the project site.

APPENDIX A

CalAm Weekly Report



DENISE DUFFY & ASSOCIATES, INC.
 PLANNING AND ENVIRONMENTAL CONSULTING

DATE: July 19, 2021

TO: Cory Barringhaus, Environmental Science Associates (ESA)

FROM: Matt Johnson, Denise Duffy & Associates, Inc. (DD&A)

CC: Even Holmboe, ESA
 Sharon Dulava, ESA
 Tyler Potter, DD&A
 Tim O'Halloran, CalAm

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 July 12 through July 16, 2021.

Project/Component: Carmel Valley Pump Station	Work Location: Carmel Valley Road & Rancho San Carlos Road
Monitoring Period: 7/12/2021 – 7/16/2021	Project Completion Status: Ongoing
Construction Contractors/Personnel: Monterey Peninsula Engineering	Biological Lead: M. Johnson
Biological Monitor: P. Krabacher	Days on Site: 7/13/2021, 7/14/2021, 7/15/2021

Biological Surveys: N/A	WEAT Training: Yes
New Sensitive Resources: No	SWPPP Corrective Actions/Maintenance: No
Encountered Special-Status Species: Yes	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.

7/13/2021

- Well demolition.

7/14/2021

- Well demolition.

7/15/2021

- No active construction during survey.

Summary of Monitoring Activities

7/13/2021

- DD&A compliance monitor inspected the status of exclusionary fencing and proper trash disposal in accordance with Mitigation Measure 4.6-1c.
- Photographed project site conditions.
- Conducted WEAT for well demolition crew.
- Temporarily disabled exclusion fencing to allow access to the well for demolition. DD&A compliance monitors inspected fencing and surrounding area for special-status species prior to dismantling.

7/14/2021

- DD&A compliance monitor inspected the status of exclusionary fencing and proper trash disposal in accordance with Mitigation Measure 4.6-1c.
- Photographed project site conditions.
- Conducted WEAT for additional well demolition crew.
- Conducted daily inspection for CRLF due to temporary dismantling exclusionary fencing.

7/15/2021

- DD&A compliance monitor inspected the status of exclusionary fencing and proper trash disposal in accordance with Mitigation Measure 4.6-1c.
- Photographed project site conditions.
- DD&A compliance monitor and H2O Solutions (Project Construction Manager) repaired and inspected exclusionary fencing.
- Conducted weekly site inspection with CPUC Representative.
- DD&A compliance monitor and CPUC Representative documented active California towhee nest approximately 70 feet south of the exclusionary fencing adjacent to historic CalAm infrastructure.

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	Conducted WEAT training for well demolition crew members on 7/13/2021 and 7/14/2021.
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	

Compliance Question	Compliance Level	Note
MM 4.6-1e - SPECIAL STATUS PLANTS		
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?	Yes	DD&A documented active California towhee nest approximately 70 feet outside of the exclusion fencing. No construction is proposed in this area in the near future. The Project Contractor will be informed of the status of the nest and no work will occur within 70 feet of the nest while it is active. DD&A compliance monitors will monitor the nest until the young have fledged and are no longer reliant upon the nest for survival.
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



07/13/2021 - Well demolition activities.



07/13/2021 - Well demolition activities.



07/13/2021 - Well demolition activities.



07/14/2021 - Project site conditions.



07/14/2021 - Project site conditions.



07/15/2021 - Active California towhee nest approximately 70 feet from exclusion fence near CalAm historic infrastructure.



07/15/2021 - Nest location from exclusion fencing facing towards Carmel River.



07/15/2021 - Reinstalled exclusion fence.



07/15/2021 - Reinstalled exclusion fencing.



07/15/2021 - Well demo complete. Excess grout to be removed by project contractor.

APPENDIX B

CPUC Inspection Logs

Monterey Peninsula Water Supply Project (MPWSP)

Daily Monitoring Log

Date: 7/15/2021

Time: 9:00 – 10:00

Report Code: MPWSP_20210715_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:

- No activity observed. Well demolition (filling of well with concrete slurry) has occurred earlier in the week.

General Summary of Mitigation Compliance and Site Conditions:

- CalAm monitor onsite to conduct weekly site inspection.
- Discussed bio monitoring strategy for planned demolition of existing structures that are located within the riparian area, approximately 100 feet west of the current work area.
- Pipes in work area were capped as required by Mitigation Measure 4.6-1o.
- No leaking equipment or hazardous materials storage issues observed.
 - Concrete used for filling old well is contained on site via silt fence and will be removed.
- Silt exclusion fence in acceptable condition.
 - DDA and H2O solutions observed reinstalling silt fence. Fence had been taken down during well demo (filling) activities. DDA confirmed site had been checked for sensitive species prior to start of activities each day the fence was down.
 - Mustard growing up along north edge of silt fence will eventually require mowing/removal.
- California towhee nest approximately 70 feet southwest of work area was observed.
- No compliance issues observed.

Sharon Dulava

7/15/2021

ESA Monitor

Date



Photo 1. Well demolition (sealing of well).



Photo 2. Location of towhee nest southwest of the project site.



Photo 3. Location of future demolition activities outside of current work area.