

memorandum

date October 12, 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 (10/05/2020 – 10/09/2020)

Construction Activities

Carmel Valley Pump Station

- No construction activities occurred at the Carmel Valley Pump Station (CVPS) during the week of 10/05/2020 – 10/09/2020.

Ryan Ranch – Bishop Interconnection

- Monterey Peninsula Engineering (MPE) were onsite for cleaning the installed pipeline and testing for bacterial contamination.

Compliance Activities

Carmel Valley Pump Station

- Denise Duffy & Associates (CalAm monitors) were on site for compliance inspections on 10/08/2020. Compliance inspections included monitoring the status of temporary exclusionary fencing (silt fence) and proper trash disposal. ESA conducted a weekly site inspection on 10/08/2020. Additional information about compliance activities is included in the weekly CalAm report included in **Appendix A** and CPUC inspection logs included in **Appendix B**.
- A Minor Project Refinement Request to expand the Carmel Valley Pump Station Project approved staging and parking area by 0.2 acre by the CPUC on October 2, 2020 (see **Appendix C**). CalAm monitors were observed flagging burrows within the newly approved area in preparation for preconstruction surveys (refer to **Mitigation Measure 4.6-1o**).

Ryan Ranch – Bishop Interconnection Improvements

- Denise Duffy & Associates (CalAm monitors) were on site for compliance inspections on 10/08/2020. ESA conducted a weekly site inspection on 10/08/2020 (Appendix B). Work was confined to roadways and no activities took place within the staging area off York Road.

Compliance Issues and Resolutions

Carmel Valley Pump Station

- The following compliance issue (refer to **Mitigation Measure 4.6-1c**), originally noted on 9/30/2020 by ESA and CalAm monitors, was confirmed to have been resolved:
 - On 9/30/2020, ESA observed the excavated area within the graded pad had been covered with plywood and soil but gaps remained around the edges. On 10/08/2020, ESA observed that the excavated area had been properly covered and confirmed with the CalAm monitor that the excavated area had been inspected prior to repair of the cover and that no wildlife had been observed entrapped within the excavated area.

Ryan Ranch – Bishop Interconnection Improvements

- During the 10/08/2020 site inspection, the ESA and CalAm monitor observed a loader parked on the sidewalk on the edge of vegetation. MPE was informed and the loader was moved.

APPENDIX A

CalAm Weekly Report



DATE: October 12, 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 October 5, 2020 through October 9, 2020.

Project/Component: Carmel Valley Pump Station	Work Location: Carmel Valley Road & Rancho San Carlos Road
Monitoring Period: 10/5/2020 – 10/9/2020	Project Completion Status: Site Clearance Completed, Project Waiting on Material Delivery
Construction Contractors/Personnel: Monterey Peninsula Engineering	Biological Lead: M. Johnson
Biological Monitor/s: M. Johnson	Days on Site: 10/08

Biological Surveys: N/A	WEAT Training: N/A
New Sensitive Resources: No	SWPPP Corrective Actions/Maintenance: Yes
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.

10/08/2020

- No construction activities observed during the site visit.

Summary of Monitoring Activities

10/08/2020

- DD&A compliance monitor inspected the status of protective 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 weekly field survey with ESA personnel.
- DD&A confirmed and documented pit coverings were installed correctly.
- 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?	Yes	
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?	N/A	
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?	N/A	
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



10/08/2020 - Confirmed proper pit cover installation.



10/08/2020 - Confirmed proper pit cover installation.

10/08/2020 - Confirmed proper pit cover installation.



10/08/2020 - Confirmed proper pit cover installation.





10/08/2020 - Typical site conditions



10/08/2020 - Exclusion fence in need of repair

10/08/2020 - Exclusion fence in need of repair



10/08/2020 - CVPS site conditions from southwest corner facing northeast





10/08/2020 - CVPS site conditions from southeast corner facing northwest



10/08/2020 - Staging and parking area approved through Minor Refinement 1

APPENDIX B

CPUC Inspection Logs

Monterey Peninsula Water Supply Project (MPWSP)

Daily Monitoring Log

Date: 10/08/2020**Time:** 13:30 – 14:30**Report Code:** MPWSP_20201008_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 10/08/2020.
 - Work was conducted by Monterey Peninsula Engineers (MPE).
- Ryan Ranch – Bishop Interconnection Improvements
 - MPE onsite cleaning main and preparing for testing and flushing at Lower Ragsdale Drive.

General Summary of Mitigation Compliance and Site Conditions:

- Carmel Valley Pump Station
 - Denise Duffy & Associates (CalAm monitors) on site for weekly compliance monitoring.
 - CalAm monitor was flagging all burrows within newly approved staging area (see Minor Refinement 1) for preconstruction wildlife survey (refer to **Mitigation Measure 4.6-1o**).
 - Staging was restricted to the areas within exclusion fence.
 - The following compliance issue (refer to **Mitigation Measure 4.6-1c**:) noted on 09/30/2020 by ESA and the CalAm monitor has been addressed as follows:

- Gaps around covers of excavated area on graded pad have been covered so as to not allow any wildlife to become trapped. CalAm monitors inspected excavated pits for trapped wildlife prior to repair: no wildlife was observed.
- Ryan Ranch – Bishop Interconnection Improvements
 - CalAm monitors conducting weekly compliance monitoring.
 - Loader parked on sidewalk at edge of vegetation. CalAm monitors asked crew to move excavator and remain within boundaries of roadway.

Sharon Dulava
ESA Monitor

10/08/2020
Date



Photo 1. Carmel Valley Pump Station: Burrows flagged in new staging area.



Photo 2. Carmel Valley Pump Station: Excavated area within graded pad has been adequately covered to prevent wildlife entrapment.



Photo 3. Ryan Ranch – Bishop Interconnection Improvements: MPE cleaning installed pipeline.

APPENDIX C

Minor Refinement

PUBLIC UTILITIES COMMISSION

300 CAPITAL MALL, 5TH FLOOR
SACRAMENTO, CA 95814



October 2, 2020

Tim O'Halloran
Project Manager
California American Water
511 Forest Lodge Road
Pacific Grove, CA 93950

RE: Minor Project Refinement Request No. 1 for the Monterey Peninsula Water Supply Project – (A.12-04-019) – Carmel Valley Pump Station

Dear Mr. O'Halloran:

On September 13, 2018, the California Public Utilities Commission (CPUC) certified the Final Environmental Impact Report/Environmental Impact Statement (EIR/EIS) for the California American Water (CalAm) Monterey Peninsula Water Supply Project (MPWSP) and issued a Certificate of Public Convenience and Necessity (Decision D.18-09-017). The decision conditionally authorizes construction of the Project with implementation of Applicant Proposed Measures and Mitigation Measures identified in the Final Mitigation Monitoring, Compliance and Reporting Program (MMCRP).

Notice to Proceed (NTP)-3 (Carmel Valley Pump Station) was issued by the CPUC on June 8, 2020. NTP-3 consists of the construction of the Carmel Valley Pump Station on a 4-acre vacant site owned by CalAm at 26530 Rancho San Carlos Road in unincorporated Monterey County. The project would include the construction of a 764-square-foot booster pump station enclosed in a concrete masonry unit and the grading of 36 cubic yards of cut and 943 cubic yards of fill, totaling a net of 907 cubic yards. An inlet and outlet pipe would be installed to connect the Pump Station to the existing 30-inch transmission main in Carmel Valley Road. Furthermore, an existing well on the property would be demolished and abandoned.

CalAm submitted Minor Project Refinement Request (MPR) No. 1 to the CPUC on October 1, 2020. CalAm requests to expand the project's approved staging and parking area. The proposed minor refinement consists of expanding the project's staging and parking area by 0.2 acre. The proposed expanded staging area is located immediately adjacent to the existing temporary impact area limits for the Pump Station (see attached figure).

The proposed location is within the survey areas identified for Mitigation Measures 4.6-1i, 4.6-1k, 4.6-1l, and 4.6-1o. Surveys for these mitigation measures were conducted prior to the start of construction and have been on-going throughout the construction activities. None of the species identified in these mitigation measures has been observed within the proposed expanded staging and parking area. No special-status plant species were identified within this area during surveys conducted to satisfy Mitigation Measure 4.6-1m.

The EIR/EIS anticipated that approximately 0.3 acre of permanent impacts and 0.8 acre of temporary impacts to California red-legged frog (CRLF, *Rana draytonii*) upland dispersal habitat would result from construction of the Pump Station. In accordance with Mitigation Measures 4.6-1n and 4.6-1o from the MMCRP, the U.S. Fish

and Wildlife Service's (USFWS) Biological Opinion (BO) for the project, and consultation with the California Department of Fish and Wildlife (CDFW), CalAm prepared a Habitat Mitigation and Monitoring Program (HMMP) prior to construction to ensure that temporary and permanent impacts to CRLF habitat are minimized or mitigated. The HMMP requires habitat restoration at a 3:1 ratio for permanent impacts to CRLF habitat and at a 1.1:1 ratio for temporary impacts to CRLF habitat. The proposed minor refinement would result in an additional 0.22 acre of temporary impacts to CRLF upland dispersal habitat. The minor refinement would not result in any additional permanent impacts to CRLF habitat.

In accordance with the measures identified above, CalAm will restore all temporarily impacted CRLF habitat upon completion of construction activities. Because CalAm cannot restore more on-site acres than it impacts, CalAm had previously purchased mitigation credits from Sparling Ranch, a USFWS- and CDFW-approved CRLF conservation bank, to satisfy the mitigation requirements for impacts to CRLF habitat. Total additional temporary impact for this staging/parking area is 0.22 acre. Given that the temporary mitigation ratio is 1.1:1, and CalAm will be restoring the 0.22 acre on-site, an additional 0.022 acre CRLF credit is needed to cover the 1.1:1 temporary mitigation ratio. Cal Am is coordinating with USFWS to satisfy all the requirements of the HMMP, where these additional credits will be documented. USFWS will require all mitigation ratios are met as a condition of that approval.

Therefore, after application of previously adopted mitigation, the proposed minor refinement would not result in a substantial increase in the severity of any previously identified significant impacts to resources affected by the project. In addition, the minor refinement would not result in any new significant impacts. The proposed minor refinement would not conflict with any mitigation measure or applicable law or policy. The proposed additional staging area would not result in any changes to the impact conclusions in the Final EIR/EIS with implementation of relevant applicant proposed measures and mitigation measures listed in the MMCRP. The CPUC has determined that no further documentation is needed for compliance with CEQA.

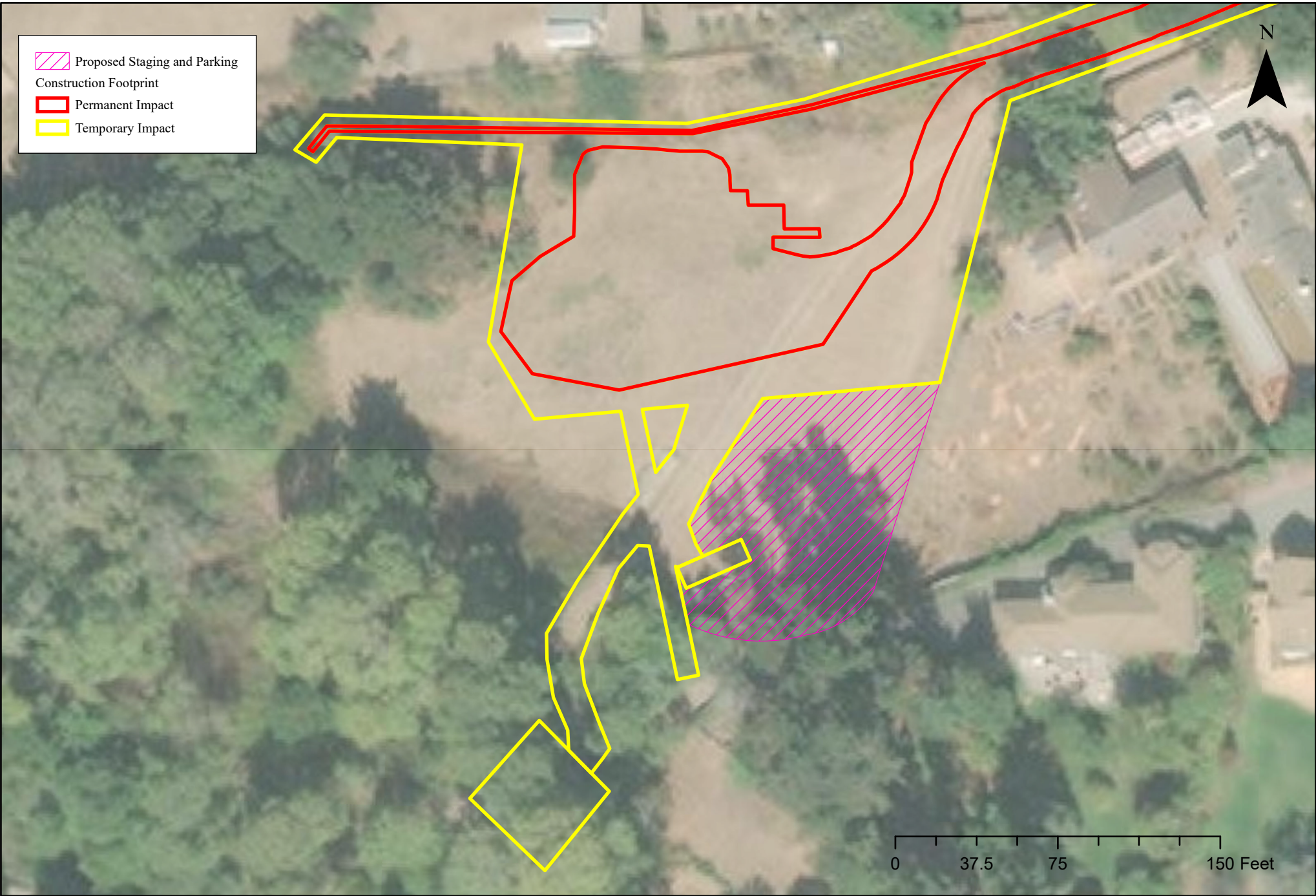
CalAm is authorized to proceed with MPR No. 1 upon condition that all proposed actions and construction is carried out in accordance with the methods and conditions described in NTP-3.

Sincerely,



John Forsythe, AICP
CPUC Environmental Project Manager

cc: Eric Zigas, ESA
Cory Barringhaus, ESA



CVPS Construction Footprint

Date: 9/30/2020
 Scale: 1:687
 Project: 2016-64



Monterey | San Jose
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 Environmental Consultants Resource Planners
 947 Cass Street, Suite 5
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Figure
 1