



U.S. Department of Homeland Security  
Region IX  
1111 Broadway, Suite 1200  
Oakland, CA 94607-4052

# FEMA

October 12, 2018

Charles Rabamad  
Governor's Authorized Representative  
California Governor's Office of Emergency Services  
3650 Schriever Ave.  
Mather, California 95655

Reference: Phase One Approval, HMGP #4344-361-7R  
County of Mendocino, FIPS Code # 045-00000  
Redwood Valley Water Infrastructure Retrofit  
Supplement #8

Dear Mr. Rabamad:

We reviewed the subapplication for the above-referenced Redwood Valley Water Infrastructure Retrofit project for County of Mendocino (subrecipient). We have determined that the project is eligible and based on County of Mendocino's request, our decision is to approve a Phase One funding for the above-referenced project. We have determined technical and funding resources are necessary for the Subrecipient to provide information for our review of eligibility.

The Phase One cost is \$659,406, and as shown in the enclosed Supplement #8 Obligation Report, we obligated \$494,554.50, as requested, for the up to 75% Federal share; the non-Federal share match is \$164,851. These funds are now available in Smartlink for disbursement of eligible project costs.

The Phase One approval and obligation of funds are subject to the following:

**1. Phase One Scope of Work (SOW)** The project proposes to upgrade existing water main and service lateral infrastructure within the Redwood Valley County Water District to current seismic design standards for water infrastructure. Phase One will consist of the following activities and deliverables:

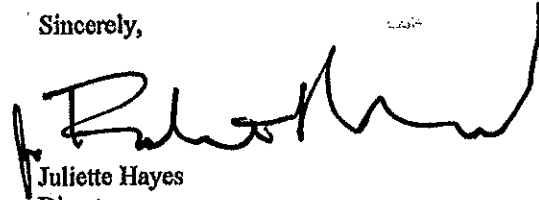
- Develop a preliminary map showing the locations of the proposed project
- Perform a preliminary seismic hazard analysis to determine design criteria
- Develop a project work plan and schedule to complete the project design and construction documents
- Conduct utility location and potholing to ascertain connection locations
- Obtain right-of-way and parcel maps
- Perform field mapping to develop a detailed project basemap
- Develop a preliminary engineering report to include the following:
  - Project planning and condition of existing facilities
  - Hydraulic model
  - Design criteria
- Provide right of entry from property owners where easements do not exist

- Preliminary plans consisting of the following:
    - Show pipe alignment, valves, hydrants, air release and service lines, connections, and abandonment of existing facilities
    - Design detail sheets to include pipe bedding, backfill, pavement, and pavement sections
    - Develop construction access, staging, and erosion and sediment control plan sheets
  - Provide 65% to final plans
2. **Phase One Completion Date** – Mendocino County has requested an eleven month timeframe for the Phase One, and we have annotated September 28, 2019, as the Phase One completion date. Federal funds may be de-obligated for work that is not completed within schedule, and for which no time extension is approved.
  3. **Cost Underruns** - Upon completion of the Phase One, all remaining cost underruns must be applied to the Phase Two funding or de-obligated if the proposed project is not eligible.
  4. **Phase Two Construction** - The Subrecipient is not to initiate Phase Two activities such as permitting, contractor selection, and construction until FEMA provides written notification that the review process is completed, including compliance with the National Environmental Policy Act (NEPA) laws and regulations.
  5. **Phase Two Completion Date** – If FEMA awards Phase Two Construction funding for this project, award activities are expected to be completed within the HMGP Period of Performance (POP). The POP completion date for this disaster, 4344-DR-CA, is October 10, 2021. Work completed after this date will not be eligible for federal funding, and federal funds may be de-obligated for work not completed within schedule if there is no approved time extension.
  6. **Categorical Exclusion and Ground Disturbance Activities** - In accordance with *44 CFR 10.8*, the Phase One is categorically excluded (CE) from the need to prepare either an environmental assessment or environmental impact statement. Attention should be given to the project conditions before and during project implementation. See Record of Environmental Considerations for special and general conditions.
  7. This award is subject to the enclosed *Standard Hazard Mitigation Grant Program Conditions*, as amended August 2018. Federal funds may be de-obligated for work that does not comply with these conditions.

October 12, 2018  
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If you have any questions or need further assistance, please contact Linda Ortiz, Hazard Mitigation Assistance Specialist at [Linda.Ortiz@fema.dhs.gov](mailto:Linda.Ortiz@fema.dhs.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Juliette Hayes", is written over a horizontal line.

Juliette Hayes  
Director  
Mitigation Division  
FEMA, Region IX

Enclosures (4):

Obligation Report #8  
Project Management Report  
Standard HMGP Conditions  
Record of Environmental Considerations (REC)

cc: Robin Shepard, Cal OES  
Monica Saputra, Cal OES

10/12/2018  
12:07

FEDERAL EMERGENCY MANAGEMENT AGENCY  
HAZARD MITIGATION GRANTS PROGRAM  
Obligation Report w/ Signatures

HMGP-08-02

Disaster No	FEMA Project No	Amendment No	State Application ID	Action No	Supplemental No	State	Recipient
4344	7-R	0	361	1	8	CA	Statewide

Sub-Recipient: Mendocino (County)  
Sub-Recipient FIPS Code: 045-99045

Project Title : Mendocino County Redwood Valley Water Infrastructure Retrofit

Total Amount Previously Allocated	Total Amount Previously Obligated	Total Amount Pending Obligation	Total Amount Available for New Obligation
\$494,554.50	\$494,554.50	\$0.00	\$0.00

Project Amount	Recipient Admin Est	Sub-Recipient Admin Est	Total Obligation	IFMIS Date	IFMIS Status	FY
\$494,554.50	\$0.00	\$0.00	\$494,554.50	10/12/2018	Accept	2019

Comments

Date: 10/11/2018 User Id: KMOJICA

Comment: Approved Phase One funding

Authorization

Preparer Name: KAREN MOJICA

Preparation Date: 10/11/2018

HMO Authorization Name: LINDA ORTIZ

HMO Authorization Date: 10/12/2018

  
\_\_\_\_\_  
Authorizing Official Signature

10-12-18  
\_\_\_\_\_  
Authorizing Official Title

HMA BC  
\_\_\_\_\_  
Authorization Date

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Authorizing Official Signature

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Authorizing Official Title

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Authorization Date

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FEDERAL EMERGENCY MANAGEMENT AGENCY  
HAZARD MITIGATION GRANT PROGRAM

HMGP-AP-01

Project Management Report

Disaster Number	FEMA Project Number	Amendment Number	App ID	State	Recipient
4344	7-R	0	361	CA	Statewide

Sub-Recipient: Mendocino (County)

FIPS Code: 045-99045

Project Title : Mendocino County Redwood Valley Water Infrastructure Retrofit

Obligations

Action Nr	IFMIS Status	IFMIS Date	Submission Date	FY	ES Support Req ID	ES Amend Number	Suppl Nr	Project Obligated Amt - Fed Share	Recipient Admin Amount	Sub-Recipient Admin Amount
1	A	10/12/2018	10/12/2018	2019	2796765	0	8	\$494,555	\$0	\$0
Total								\$494,554.50	\$0.00	\$0.00

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FEDERAL EMERGENCY MANAGEMENT AGENCY  
HAZARD MITIGATION GRANT PROGRAM

HMGP-AP-01

Project Management Report

Disaster Number	FEMA Project Number	Amendment Number	App ID	State	Recipient
4344	7-R	0	361	CA	Statewide

Sub-Recipient: Mendocino (County)

FIPS Code: 045-99045

Project Title : Mendocino County Redwood Valley Water Infrastructure Retrofit

Work Schedule Status

Amend #	Description	Time Frame	Due Date	Revised Date
0	Daily Construction Inspection	15 Months	00/00/0000	00/00/0000
0	Special Inspections - Testing	15 Months	00/00/0000	00/00/0000
0	Change Orders	15 Months	00/00/0000	00/00/0000
0	Progress Payments	17.5 Months	00/00/0000	00/00/0000
0	Environmental Compliance	17.5 Months	00/00/0000	00/00/0000
0	Labor Compliance Verification	17.5 Months	00/00/0000	00/00/0000
0	Progress Meetings	17.5 Months	00/00/0000	00/00/0000
0	Conflict Resolution	17.5 Months	00/00/0000	00/00/0000
0	FEMA Grant Reporting	17.5 Months	00/00/0000	00/00/0000
0	As-Built/Record Plans	1.25 Months	00/00/0000	00/00/0000
0	Project Closeout Punch List	1.25 Months	00/00/0000	00/00/0000
0	County of Mendocino Grant Management	18 Months	00/00/0000	00/00/0000
0	County of Mendocino Project Management	18 Months	00/00/0000	00/00/0000
0	Furnish and Install New 6" Class 200 SDR 14 Water	7.5 Months	00/00/0000	00/00/0000
0	Furnish and Install New 1" Type K Copper Service La	6.25 Months	00/00/0000	00/00/0000
0	Replace Existing Service Laterals with New 1" Type C	6.25 Months	00/00/0000	00/00/0000
0	Furnish and Install New 6" Gate Valve Box	7.5 Months	00/00/0000	00/00/0000
0	Abandon Existing Gate Valve and Box	1.25 Months	00/00/0000	00/00/0000
0	Furnish and Install 6" Blow Off	1 Month	00/00/0000	00/00/0000
0	Abandon Existing Curb Stop and Meter Box	1.25 Months	00/00/0000	00/00/0000
0	Connection/Wet Tap of Proposed Water Main to Exis	1.5 Months	00/00/0000	00/00/0000
0	Permanent Trench Restoration 3" AC, 6" Cutback, SS	1 Month	00/00/0000	00/00/0000
0	TOTAL LENGTH OF PHASE II:	18 Months	00/00/0000	00/00/0000
0	Grant Closeout	3 Months	00/00/0000	00/00/0000
0	TOTAL PROJECT TIMEFRAME	31.25 Months	00/00/0000	00/00/0000

Approved Amounts

Total Approved Net Eligible	Federal Share Percent	Total Approved Federal Share Amount	Non-Federal Share Percent	Total Approved Non-Fed Share Amount
\$659,406	75.00000000	\$494,555	25.00000000	164851

Allocations

Allocation Number	IFMIS Status	IFMIS Date	Submission Date	FY	ES Support Req ID	ES Amend Number	Proj Alloc Amount Fed Share	Recipient Admin Amount	Sub-Recipient Admin Amount
10	A	10/11/2018	10/01/2018	2019	2793461	0	\$494,554.50	\$0.00	\$0.00
Total							\$494,554.50	\$0.00	\$0.00

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FEDERAL EMERGENCY MANAGEMENT AGENCY  
HAZARD MITIGATION GRANT PROGRAM

HMGP-AP-01

Project Management Report

Disaster Number	FEMA Project Number	Amendment Number	App ID	State	Recipient
4344	7-R	0	361	CA	Statewide

Sub-Recipient: Mendocino (County)

FIPS Code: 045-99045

Project Title : Mendocino County Redwood Valley Water Infrastructure Retrofit

Mitigation Project Description

Amendment Status : Approved

Approval Status: Approved

Project Title : Mendocino County Redwood Valley Water Infrastructure Retrofit

Recipient : Statewide

Sub-Recipient : Mendocino (County)

Recipient County Name : Mendocino

Sub-Recipient County Name : Mendocino

Recipient County Code : 45

Sub-Recipient County Code : 45

Recipient Place Name : Mendocino (County)

Sub-Recipient Place Name : Mendocino (County)

Recipient Place Code : 0

Sub-Recipient Place Code : 99045

Project Closeout Date : 00/00/0000

Work Schedule Status

Amend #	Description	Time Frame	Due Date	Revised Date
0	PHASE I:		00/00/0000	00/00/0000
0	CEQA Notice of Exemption	0.5 Months	00/00/0000	00/00/0000
0	Utility Location and Potholing	0.5 Months	00/00/0000	00/00/0000
0	Survey	1.75 Months	00/00/0000	00/00/0000
0	Site Plan Development	1.5 Months	00/00/0000	00/00/0000
0	Preliminary Engineering Report	2.5 Months	00/00/0000	00/00/0000
0	Negotiate Right of Entry with Property Owners	1.5 Months	00/00/0000	00/00/0000
0	Preliminary Design	3 Months	00/00/0000	00/00/0000
0	Prepare WPCP	2 Months	00/00/0000	00/00/0000
0	Provide 65% Complete Plans for Review and Comm	1.5 Months	00/00/0000	00/00/0000
0	Finalize Plans and Specifications	1.5 Months	00/00/0000	00/00/0000
0	Bid Phase Services	0.5 Months	00/00/0000	00/00/0000
0	Prebid Meeting, Agenda, and Minutes	0.25 Months	00/00/0000	00/00/0000
0	Bid Opening	0.25 Months	00/00/0000	00/00/0000
0	Contract Documents - Preparation and Execution	0.5 Months	00/00/0000	00/00/0000
0	County of Mendocino Grant Management	10.25 Months	00/00/0000	00/00/0000
0	County of Mendocino Project Management	10.25 Months	00/00/0000	00/00/0000
0	Consultant FEMA Grant Reporting	10.25 Months	00/00/0000	00/00/0000
0	TOTAL LENGTH OF PHASE I:	10.25 Months	00/00/0000	00/00/0000
0	PHASE II:		00/00/0000	00/00/0000
0	Biologist Site Walk	0.5 Months	00/00/0000	00/00/0000
0	Obtain Encroachment Permits	0.75 Months	00/00/0000	00/00/0000
0	Preconstruction Meeting	0.25 Months	00/00/0000	00/00/0000
0	Cultural Monitor	15 Months	00/00/0000	00/00/0000
0	Construction Staking	7.5 Months	00/00/0000	00/00/0000
0	Submittal/Shop Drawing Review	2 Months	00/00/0000	00/00/0000
0	Review and Respond to RFIs	12.5 Months	00/00/0000	00/00/0000

# Standard Mitigation Grant Program (HMGP) Conditions

## FEMA Region IX, August, 2017

The following list applies to Recipients and Subrecipients accepting HMGP funds from the Federal Emergency Management Agency (FEMA) of the Department of Homeland Security (DHS):

1. **Applicable Federal, State, and Local Laws and Regulations.** The Recipient/Subrecipient must comply with all applicable Federal, State, and Local laws and regulations, regardless of whether they are on this list or other project documents. DHS financial assistance Recipients and Subrecipients are required to follow the provisions of the State HMGP Administrative Plan, applicable Hazard Mitigation Assistance Uniform Guidance, and Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards located in Title 2 of the Code of Federal Regulations (CFR) Part 200, adopted by DHS in 2 CFR 3002.
2. **Financial Management Systems.** The Recipient and Subrecipient must maintain financial management systems to account for and track funds, as referenced in 2 CFR 200.302.
3. **Match or Cost Share.** Non-federal match or cost share must comply with 2 CFR 200.306, the scope of work (SOW), and any agreements among the Subrecipient, the Recipient, and FEMA.
4. **Budget Changes.** Unanticipated adjustments are permitted within the approved total cost. However, if costs exceed the federal share, the Subrecipient must notify the Governor's Authorized Representative (GAR) of overruns before implementation. The GAR shall submit a written request for approval to FEMA Region IX. The subaward must continue to meet HMGP requirements, including cost effectiveness and cost share. Refer to 2 CFR 200.308 for additional information.
5. **Real Property and Land.** The acquisition, use, and disposition must comply with 2 CFR 200.311.
6. **Equipment.** The acquisition, use, and disposition must comply with 2 CFR 200.313.
7. **Supplies.** Upon project completion, FEMA must be compensated for unused supplies, exceeding \$5,000 (fair market value), and not needed for other federal programs. Refer to 2 CFR 200.314.
8. **Procurement.** Procurement procedures must be in conformance with 2 CFR 200.318-320.
9. **Monitoring and Reporting Program Performance.** The Recipient and Subrecipient must submit quarterly progress reports, as referenced in the 2 CFR 200.328 and State HMGP Administrative Plan.
10. **Records Retention.** In accordance with 2 CFR 200.333, financial/ programmatic records related to expenditures must be maintained at least 3 years after the date of Recipient's final expenditure report.
11. **Enforcement and Termination.** If the Recipient or Subrecipient fails to comply with the award or subaward terms, whether stated in a Federal statute or regulation, the State HMGP Administrative Plan, subapplication, a notice of award, an assurance, or elsewhere, FEMA may take one or more of the actions outlined in 2 CFR 200.338, including termination or partial termination of the award or subaward outlined in 2 CFR 200.339.
12. **Allowable Costs.** Funds are to be used for allowable costs in compliance with 2 CFR 200.403, the approved SOW, and any agreements among the Subrecipient, Recipient, and FEMA.



13. **Non-Federal Audit.** The Recipient and Subrecipient are responsible for obtaining audits in accordance with the Single Audit Act of 1984, in compliance with 2 CFR 200.501.
14. **Debarred and Suspended Parties.** Recipients and Subrecipients are subject to the non-procurement debarment and suspension regulations implementing Executive Orders 12549 and 12689, and 2 CFR 180. These regulations restrict federal financial assistance awards, subawards, and contracts with parties that are debarred, suspended, or otherwise excluded from or ineligible for participation in the federal assistance programs or activities.
15. **Equipment Rates.** Rates claimed for use of Subrecipient-owned equipment in excess of the FEMA-approved rates must be approved under State guidelines issued by the State Comptroller's Office or must be certified by the Recipient to include only those costs attributable to equipment usage less any fixed overhead and/or profit.
16. **Duplication of Funding between Public Assistance (PA) and HMGP.** Funding for PA Section 406 and HMGP Section 404 are permitted on the same facility/location, but the activities identified under each program must be distinct with separately accounted funds. At closeout, FEMA may adjust the funding to ensure the Subrecipient was reimbursed for eligible work from only one funding source.
17. **Historic Properties and Cultural Resources.** In compliance with 2 CFR 800, if a potential historic property or cultural resource is discovered during construction, the Subrecipient must cease work in the area and take all reasonable measures to avoid or minimize harm to the discovered property/resource. During construction, the Subrecipient will monitor ground disturbance activity, and if any potential archeological resources are discovered, will immediately cease work in that area, and notify the Recipient and FEMA. Construction in the area may resume with FEMA's written approval after FEMA's consultation, if applicable, with the State Historic Preservation Officer (SHPO).
18. **NEPA and Changes to the Scope of Work (SOW).** To comply with the National Environmental Policy Act (NEPA), and other Laws and Executive Orders, any change to the approved SOW shall be re-evaluated before implementation. Construction associated with a SOW change, prior to FEMA approval, may be ineligible for funding. Acceptance of federal funding requires environmental permits and clearances in compliance with all appropriate federal, state and local laws, and failure to comply may jeopardize funding.

Within their authority, the Recipient and Subrecipient must use of all practicable means, consistent with other essential policies, to create and maintain productive harmony for people and nature, and fulfill the social, economic, and other needs of present and future generations of Americans.

20:35:11

## RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

Project ID: HMGP 4344-361-7 (Phase I)

Title: Redwood Valley Water Infrastructure Retrofit

## NEPA DETERMINATION

Non Compliant Flag: No	EA Draft Date:	EA Final Date:
EA Public Notice Date:	EA Fonsi Date:	Level: CATEX
EIS Notice of Intent Date:	EIS ROD Date:	

**Comments:** This project is being phased, and this review is for activities associated with Phase I. Project area map for Phase I activities is attached. Phase I activities are as follows: Develop a preliminary map showing the locations of the proposed project; Perform a preliminary seismic hazard analysis to determine design criteria; Develop a project work plan and schedule to complete the project design and construction documents; Conduct utility location and potholing to ascertain connection locations; Obtain right-of-way and parcel maps; Perform field mapping to develop a detailed project basemap; Develop a preliminary engineering report to include (Project planning and condition of existing facilities, Hydraulic model, Design criteria); Provide right of entry from property owners where easements do not exist; Preliminary plans consisting of the following (Show pipe alignment, valves, hydrants, air release and service lines, connections, and abandonment of existing facilities; Design detail sheets to include pipe bedding, backfill, pavement, and pavement sections; Develop construction access, staging, and erosion and sediment control plan sheets). Ground disturbance (potholing) will be limited to paved roadways and previously disturbed soil. Excess/imported fill from potholing activities will be taken/imported from an approved quarry. Staging for pothole activities are proposed for Redwood Valley Gravel Products, 11200 East Rd, Redwood Valley, CA 95470, or other similar, existing, disturbed property. Other than potholing activities, no other soil disturbing activities are part of this Phase I activity review. No tree removal is proposed in Phase I. This review does not cover project construction activities which will require separate EHP review.

This project has been determined to be Categorically Excluded from the need to prepare either an Environmental Impact Statement or Environmental Assessment in accordance with FEMA Instruction 108-1-1 and DHS Instruction 023-01-001-01: Categorical Exclusion a7 has been applied. Particular attention should be given to the project conditions before and during project implementation. Failure to comply with these conditions may jeopardize federal assistance including funding. See Conditions. - sortega3 - 09/25/2018 17:59:09 GMT

## CATEX CATEGORIES

Catex Category Code	Description	Selected
a7	(a7) The commitment of resources, personnel, and funding to conduct audits, surveys, and data collection of a minimally intrusive nature. If any of these commitments result in proposals for further action, those proposals must be covered by an appropriate CATEX. Examples include, but are not limited to: (a) Activities designed to support the improvement or upgrade management of natural resources, such as surveys for threatened and endangered species, wildlife and wildlife habitat, historic properties, and archeological sites; wetland delineations; timber stand examination; minimal water, air, waste, material and soil sampling; audits, photography, and interpretation. (b) Minimally-intrusive geological, geophysical, and geo-technical activities, including mapping and engineering surveys. (c) Conducting Facility Audits, Environmental Site Assessments and Environmental Baseline Surveys, and (d) Vulnerability, risk, and structural integrity assessments of infrastructure.	Yes

## EXTRAORDINARY CIRCUMSTANCES

Extraordinary Circumstance Code	Description	Selected ?
	No Extraordinary Circumstances were selected	

## RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

Project ID: HMGP 4344-361-7 (Phase I)

Title: Redwood Valley Water Infrastructure Retrofit

## ENVIRONMENTAL LAW / EXECUTIVE ORDER

Environmental Law/ Executive Order	Status	Description	Comments
Clean Air Act (CAA)	Completed	Project is located in an attainment area - Review concluded	The project is located in Mendocino County that is within an attainment area for all criteria pollutants according to the U. S. Environmental Protection Agency (USEPA) ( <a href="https://www3.epa.gov/airquality/greenbook/anc1.html">https://www3.epa.gov/airquality/greenbook/anc1.html</a> ), updated August 31, 2018. The SOW associated with this undertaking is exempt from a conformity determination under the General Conformity Rule. - sortega3 - 09/25/2018 17:31:14 GMT
Coastal Barrier Resources Act (CBRA)	Completed	Project is not on or connected to CBRA Unit or otherwise protected area - Review concluded	
Clean Water Act (CWA)	Completed	Project would affect waters, including wetlands, of the U.S.	See Condition. - sortega3 - 09/25/2018 17:29:07 GMT
	Completed	Project may require Section 404/401 or Section 9/10 (Rivers and Harbors Act) permit, including qualification under Nationwide Permits - Review concluded	
Coastal Zone Management Act (CZMA)	Completed	Project is not located in a coastal zone area and does not affect a coastal zone area - Review concluded	
Executive Order 11988 - Floodplains	Completed	Located in floodplain or effects on floodplain/flood levels	Portions of the project may be located within the Special Flood Hazard Area (100-year floodplain, base floodplain / Zone A and D), Panel 06045C1325F dated 6/2/2011. The proposed Phase I (potholing) is not likely to result in any potential direct impacts that will adversely affect the natural values and function of floodplains nor is it likely to increase the risk of flood loss. Initial Disaster Public Notice was published on December 5, 2017. See Attached Map (Attached map shows perimeter of project area where potholing activities will be conducted). - sortega3 - 09/25/2018 17:10:08 GMT
	Completed	No adverse effect on floodplain and not adversely affected by the floodplain - Review concluded	
Executive Order 11990 - Wetlands	Completed	Located in wetlands or effects on wetlands	Portions of the project may be located within or adjacent to wetlands. The proposed Phase I (potholing) is not likely to result in any potential direct impacts that will adversely affect wetlands. The Initial Disaster Public Notice was published on December 5, 2017. See Conditions. See Attached Map (Attached map shows perimeter of project area where potholing activities will be conducted). - sortega3 -

## RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

Project ID: HMGP 4344-361-7 (Phase I)

Title: Redwood Valley Water Infrastructure Retrofit

Environmental Law/ Executive Order	Status	Description	Comments
			09/25/2018 17:51:06 GMT
	Completed	Possible adverse effect associated with constructing in or near wetland	
	Completed	Review completed as part of floodplain review - Review concluded	
Executive Order 12898 - Environmental Justice for Low Income and Minority Populations	Completed	Low income or minority population in or near project area	The SOW associated with this grant will result in a beneficial impact to all populations. - sortega3 - 09/25/2018 17:52:45 GMT
	Completed	No disproportionately high and adverse impact on low income or minority population - Review concluded	
Endangered Species Act (ESA)	Completed	Listed species and/or designated critical habitat present in areas affected directly or indirectly by the federal action	Based on the scope of work associated with this undertaking does not have the potential to affect listed or proposed species or critical habitat. See Attached No Effect Memo. See Condition. - sortega3 - 09/25/2018 17:15:40 GMT
	Completed	No effect to species or designated critical habitat (See comments for justification) - Review concluded	
Farmland Protection Policy Act (FPPA)	Completed	Project does not affect designated prime or unique farmland - Review concluded	
Fish and Wildlife Coordination Act (FWCA)	Completed	Project does not affect, control, or modify a waterway/body of water - Review concluded	
Migratory Bird Treaty Act (MBTA)	Completed	Project located within a flyway zone	Based on the nature of activities, the SOW associated with this grant does not have the potential to take migratory birds. - sortega3 - 09/25/2018 17:32:10 GMT
	Completed	Project does not have potential to take migratory birds - Review concluded	
Magnuson-Stevens Fishery Conservation and Management Act (MSA)	Completed	Project located in or near Essential Fish Habitat	Based on the location of the activities these Phase I activities will have no effect to Essential Fish Habitat. See Attached No Effect Memo. - sortega3 - 09/25/2018 17:48:28 GMT
	Completed	Project does not adversely affect Essential Fish Habitat - Review concluded	

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## RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

Project ID: HMGP 4344-361-7 (Phase I)

Title: Redwood Valley Water Infrastructure Retrofit

Environmental Law/ Executive Order	Status	Description	Comments
National Historic Preservation Act (NHPA)	Completed	Applicable executed Programmatic Agreement. Activity meets Programmatic Allowance (enter date and # in comments) - Review concluded	The Undertaking was reviewed by David Cohen, who meets the applicable Secretary of the Interior Professional Qualifications in accordance with Stipulation I.B.1.a. of the Programmatic Agreement among the Federal Emergency Management Agency (FEMA), State Historic Preservation Office (SHPO) and California Office of Emergency Services (Cal OES) signed October 30, 2014. The Undertaking complies with Second Tier Programmatic Allowance D.1.a (minor upgrading of utilities and associated features within previously disturbed soils) (Appendix B) of the Agreement. Thus, the Undertaking does not require SHPO review or notification per Stipulation II.A.1. of the Agreement. See Conditions. - dcohen3 - 09/24/2018 19:19:27 GMT
Wild and Scenic Rivers Act (WSR)	Completed	Project is not along and does not affect Wild and Scenic River - Review concluded	

## CONDITIONS

## Special Conditions required on implementation of Projects:

The Sub-Applicant is responsible for proper identification of wetlands. Under EO11990 - Protection of Wetlands, the Sub-Grantee is responsible for coordinating with and obtaining any required Section 404 Permit(s) from the United States Army Corps of Engineers (USACE) prior to initiating work. The Sub-Grantee shall comply with all conditions of the required permit. All coordination pertaining to these activities shall be documented and copies forwarded to the California Office of Emergency Services and the FEMA Public Assistance Program as part of the permanent project files.

Source of condition: Executive Order 11990 - Wetlands

Monitoring Required: No

The Sub-Applicant shall ensure that best management practices are implemented to prevent erosion and sedimentation to surrounding, nearby or adjacent wetlands. This includes equipment storage and staging of construction to prevent erosion and sedimentation to ensure that wetlands are not adversely impacted per the Clean Water Act and Executive Order 11990.

Source of condition: Executive Order 11990 - Wetlands

Monitoring Required: No

This project is to take place in or near waters of the U.S. Based on location of the potholing, the Sub-Applicant is responsible for determining whether project activities will affect waters of the U.S. Project activities that affect waters of the U.S. will require Sub-Applicant to contact the US Army Corps of Engineers (USACE) for authorization under Section 404 of the Clean Water Act (CWA). All documentation pertaining to permits, must be attached to the Subgrant Application. If required, it is the responsibility of the Sub-Grantee to obtain or otherwise qualify for a 404 permit. Noncompliance with this requirement may jeopardize receipt of Federal financial assistance.

Source of condition: Clean Water Act (CWA)

Monitoring Required: Yes

Project Phase I/Potholing activities will all take place within paved/deeply graded areas and involve only disturbance of fill soils around existing utilities infrastructure. If any ground disturbance is proposed outside of these location, FEMA EHP must be consulted to review the SOW change.

Source of condition: Endangered Species Act (ESA)

Monitoring Required: No

## RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

**Project ID:** HMGP 4344-361-7 (Phase I)**Title:** Redwood Valley Water Infrastructure Retrofit

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All staging areas will be within existing developed/disturbed areas. If any staging is proposed outside of such location, FEMA EHP must be consulted to review the SOW change.

Source of condition: NEPA Determination

Monitoring Required: Yes

Project Phase I/Potholing activities will all take place within paved/deeply graded areas and involve only disturbance of fill soils around existing utilities infrastructure. If any ground disturbance is proposed outside of these location, FEMA EHP must be consulted to review the SOW change.

Source of condition: NEPA Determination

Monitoring Required: Yes

All new imported fill material must come from a permitted quarry.

Source of condition: NEPA Determination

Monitoring Required: Yes

All materials removed during potholing and vacuum extraction must be hauled to a local permitted quarry approved to accept fill material.

Source of condition: NEPA Determination

Monitoring Required: Yes

**Standard Conditions:**

Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.

This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.

If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.