

EHP Regulatory Requirements & Compliance

Where to confirm required EHP monitoring conditions?

Agenda:

Demonstrating compliance with EHP monitoring conditions

Key Takeaways

Question & Answer





What is the purpose of FEMA's EHP review process?

 The FEMA EHP review process was established to ensure FEMA-funded disaster response and recovery projects comply with environmental and historic preservation laws and regulations.

In FEMA's words: Environmental Planning and <u>Historic Preservation | FEMA.gov</u>

"The integrity of our natural and historic landscape is important to us all, and steps taken to strengthen or rebuild communities can have long-term environmental and cultural impacts. To ensure proper stewardship of historic properties and the environment, there are more than 30 federal regulations, directives, and legal mandates — in addition to a number of state laws and codes — in place to protect these resources."

Why does it matter?

Well...compliance is necessary for:

- Protecting and preserving potentially impacted environmental, historical, and culturally significant sites and resources and minimizing adverse effects
- Receiving the fully awarded project amount
- Preventing legal action
- Avoiding negative publicity



Who is responsible?

All parties are responsible for EHP compliance.

FEMA

For a Recipient or applicant to receive federal funds, FEMA must confirm compliance with EHP-related federal regulations. FEMA reviews each FEMA PA project to determine which EHP conditions are applicable, and that compliance has been demonstrated by the SR through project closeout.

Cal OES

The State provides training, technical assistance, and project oversight to SRs to support federal, state, and local compliance. Cal OES staff review documentation to support recommendations to FEMA with goal of maximizing federal funding opportunities.

Applicant

Applicants coordinate with Cal OES and FEMA through site visits, briefings, and regular meetings to collaboratively formulate PA projects. Applicants are ultimately responsible for providing necessary permits and project documentation at Closeout to demonstrate compliance.

! Applicants / subrecipients are responsible for all EHP compliance requirements.



EHP Related Considerations

Source: California Incident DR-4683 Federal Emergency Management **Agency Environmental Considerations Greensheet**

- There are numerous EHP conditions that may be applicable / required relating to:
 - Waterways, Including Culverts and Bridges
 - Floodplains and Wetlands
 - Threatened and Endangered Species
 - Historic Preservation and Tribal Relations
 - Debris Disposal and Hazardous Materials

Always reach out to your Cal OES EHP Point of Contact (POC) for consultation!

RecoveryEHP@caloes.ca.gov



DR-4856-CA Federal Emergency Management Agency

Environmental and Historic Preservation Considerations Greensheet



Environmental and Historic Preservation and Disaster Recovery

As you protect, repair, and rebuild your disaster-damaged communities, environmental and historic preservation issues may not seem like a priority. Whenever Federal funding is requested, however, certain environmental and historic preservation requirements must be fulfilled This brochure is provided to help you better understand environmental and historic preservation factors that you must consider as you apply for FEMA funding. The information described here will help you avoid funding delays and other hurdles as you undertake recovery efforts.

The most important message is that the FEMA Environmental and Historic Preservation (EHP) staff is committed to helping you identify and meet environmental and historic preservation compliance responsibilities. This document provides ar

overview of compliance requirements, procedures, and contacts.

You can help by identifying any potential environmental or historic issues, concerns, or problems related to your projects and discuss these with FEMA staff as soon as

Our work is performed under the direction of FEMA's Federal Coordinating Officer, Curtis Brown, and in close coordination with the California Governor's Office of Emergency Services (CalOES). The CalOES serves as the main point of contact for applicants oversees grant administration, and is committed to following all environmental and historic preservation requirements in its disaster recovery operations.

As the Regional Environmental Officer, I pledge to assist you in understanding and complying with all applicable environmental and historic preservation requirements

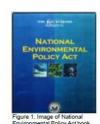
Charles Bello leads the EHP unit at the Joint Field Office in 75 N. Fair Oaks. Pasadena. CA, 91103. Please contact them, other FEMA EHP staff, CalOES, or FEMA Public Assistance staff for any environmental or historic preservation compliance

Jeffery Smyly Regional Environmental Officer FEMA Region 9

Environmental Laws and Project Requirements

The National Environmental Policy Act (NEPA) is the primary environmental law that directs Federal agencies to consider the environmental effects of their actions (including funding). In addition to NEPA. listed below are the other major environmental and historic preservation laws and executive orders that are triggered when protecting, rebuilding, or replacing public infrastructure.

Many activities can proceed without environmental or historic review, others require some consideration for environmental and historic preservation compliance. Some projects need very detailed reviews, such as consultation and (or) permitting/authorization with State, Tribal, and Federal regulatory agencies prior to work beginning. Failure to comply with applicable environmental and historic preservation laws and other requirements could jeopardize or delay potential funding.



Federal Laws and Executive Orders

- National Environmental Policy Act
- National Historic Preservation Act
- Endangered Species Act
- Clean Water Act
- Magnuson-Stevens Act
- . Executive Order 11988: Floodplain Management
- Executive Order 11990: Protection of Wetlands
- Executive Order 12898: Environmental Justice

Additional Laws

- Magnuson-Stevens Fishery Conservation Management Act
- Farmland Protection Act
- Wild and Scenic Rivers Ac
- Coastal Zone Management Act

Some projects may not need detailed review.

- · Many types of emergency actions or debris removal
- . Repairs exactly to pre-disaster condition or temporary repairs

Some projects require more extensive review

- Debris disposal in areas not previously permitted
- Projects that change the pre-disaster condition of the facility Repairs that include hazard mitigation or to facilities over 45 years old
- Projects located near bodies of water, wetlands, or floodplains
- Some projects may need review and consultation
- Improved or alternate projects
- Projects that include new ground disturbance



Common EHP Monitoring Conditions

Waterways, Including Culverts and Bridges

The Clean Water Act, U.S. Rivers and Harbors Act

CWA Sections 401 and 404

- US Army Corps of Engineers (USACE)
- Navigable waters
- Water control facilities
- Water conveyance maintenance
 - Regional General Permit (RGP)

Floodplains and Wetlands

Watershed and Flood Prevention Act, EO - 11988

Executive Orders

 Floodplain maps



 Wetland definitions

> Vegetation & animals



*2025 brings significant updates to FEMA Floodplains and wetlands requirements.

Threatened and Endangered Species

Endangered Species Act

ESA Section 7

- Multiple agency impact review
 - USFWS
 - CDFW
 - Regional/local





Common EHP Monitoring Conditions

Historic Preservation and Tribal Relations

National Historic Preservation Act. Native American-related Acts. Programmatic Agreement

NHPA Section 106

- Native American Graves Protection & Repatriation Act
- American Indian Religious Freedom Act
- CA SHPO
- Historic = 45 years

Debris Disposal and Hazardous Materials

Clean Air Act. Resource Conservation and Recovery Act

CAA, CARB, RCRA

- Vegetation vs. federal & state regulated materials
- Local/State agencies
- Commercially regulated recycling or disposal facilities
- Cradle to grave (RCRA)

Other Considerations

Conditions relating to completion of SOW

- Hazard mitigation
- Ground disturbance
- Environmental justice
- Heritage Emergency National Task Force (HENTF)



The FEMA EHP Greensheet – Resource Overview

- The FEMA EHP Greensheet is a guide which provides helpful information on the EHP review process and is intended to help applicants understand how to comply with EHP laws and regulations.
- What is included in the Greensheet?
 - Guidance on how to comply with EHP conditions
 - Overview of Environmental Laws
 - Overview of Project Requirements / Procedures
 - Contact List

Environmental Laws and Project Requirements

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Figure 1. Image of National Environmental Policy Act book



Federal Laws and Execut

- National Environmental Policy
- National Historic Preservation
- Endangered Species Act
- Clean Water Act
- Magnuson-Stevens Act
- Executive Order 11990: Prote
- Executive Order 12898: Enviro

Additional Laws

- Magnuson-Stevens Fishery Cc Phone: (202) 710-1773
- Farmland Protection Act
- Wild and Scenic Rivers Act
- Coastal Zone Management Ac

This brochure presents an overview of many environmental and historic preservation laws that FEMA and applicants must comply with before approving Public Assistance projects. There are, of course, details beyond the scope of this document that may prove useful for you to better understand environmental and historic preservation requirements. You may contact the agencies listed below for more information on these requirements and for guidance on environmental and historic preservation review, permitting, and approval processes. FEMA staff in the Joint • Executive Order 11988: Flood Field Office and the Region IX Office can assist in answering questions and directing you to the appropriate agencies to ensure all environmental and historic preservation considerations are adequately addressed for FEMA-funded projects. More information is available at FEMA's EHP

FEMA Regional Environmental Officer (REO). Jeff Smyly, REO 1111 Broadway, Suite 1200, Oakland, CA 94607-4052

Email: Jeffrey.smvlv@fema.dhs.go

FEMA EHP Advisor Charles Bello, EHP Advisor Phone; (720) 245-1400

Email: Charles Bello@fema.dhs.gov

FEMA Tribal Advisors Pamela Joe, Tribal Advisor Phone: (202) 341-Email: Pamela.joe@fema.dhs.gov

Christopher Poehmann, Tribal Advisor, Phone: (510) 725-7958 Email: christopher.poehmann/@fema.dhs.gov

FEMA Public Assistance

Michael Gayrard, Infrastructure Branch Director Phone: (510) 504-8045 Email: Michael Gayrard@ferna.dhs.gov

FEMA 406 Hazard Mitigation Patrick Holloway, Phone: (202) 746-7595

FEMA Region IX NFIP - Floodplains Broadway, Suite 1200 Oakland, CA

Phone: (510) 627-7184

California Governor's Office of Emergency Services Patricia Nelson,

10370 Peter A. McCuen Boulevard, Mather, CA 95655 Phone: (916) Email: Patricia.nelson@caloes.ca.gov Email: RecoveryEHP@caloes.gov

Gabe Kearny, Tribal Advisor Phone: (916) 926-9542 Email: Gabe.kearney@caloes.ca.gov

Alex Shariatmadari, Tribal Advisor Phone: (916) 754-6942 Email:alex.shariatmadari@caloes.ca.gov

Helen López, Tribal Advisor (916) 612-9009 Email: helen.lopez@caloes.ca.gov

Scott Lichtig, Deputy Secretary for Environmental Policy and

Contact: Bonnie Waltz (916) 883-0958 Website: https://calepa.oa.gov/ California Coastal Commission

California Dept. of Water Resources Kelly Soule, NFIP Coordinator 3464 El Carnino, Ste. 210, Sacramento, CA 95821 Email: Kelly soule@water.ca.gov National Marine Fisheries Services (NOAA) Website:

US Fish and Wildlife Service Website:https://www.fws.gov/office/caribbean-ecologica

California Dept. of Fish and Wildlife-Habitat Conservation Planning Branch Mailing: P.O. Box 944209, Sacramento, CA 94244-2090

Email: hcpb@wildfire.ca.gov Phone: (916) 445-0411

California Office of Historic Preservation

Julianne Polanco, State Historic Preservation Officer 1725 23rd Street, Suite 100 Sacramento, CA 95816 Phone: (916) 445-7000

Email: iulianne.polanco@parks.ca.go

California Native American Heritage Commission 1550 Harbor Blvd, Suite 100, West Sacramento, CA 95691

Phone: (916) 373-3710

California State Water Resource Control Boards

U.S. Army Corps of Engineers Regulatory Program Website: https://usace.maps.arcgis.com/apps/webappviewer/index.html?id= 7344e62432694199sf7790ss47s32fdd

California Air Resource Board Phone: (800)-242-4450 mail: helpline@arb.ca.gov Website: https://ww2.arb.ca.gov/contact-us

EPA Hazardous Debris and Materials 75 Hawthorne Street, San Francisco, CA 4105 Phone: (415) 947-8000

Website: https://www.epa.gov/aboutepa/forms/contact-epas-pacific-southwest-office

California Dept. of Resources Recycling and Recovery 1001 | Street Secremento, CA 95814

Phone: (916) 322-4027 Website: https://calrecycle.ca.gov/StateAgency/

California Department of Public Health

act us.aspx Phone: (916) 558-1784

Vebsite: https://coastal.ca.gov/cdp/cdp-forms.html Appeal Forms



Comprehensive EHP Guide

Resource: Cal OES Environmental Directory, Rev9

- What is included in the Environmental Directory?
 - Flowcharts that illustrate the Disaster Recovery Process
 - List of Acronyms
 - State and Federal regulatory agencies
 - State and Federal Environmental Law and **Regulations Summaries**
 - Frequent Asked Questions



Environmental Directory



Technical Assistance Program California Governor's Office of **Emergency Services**

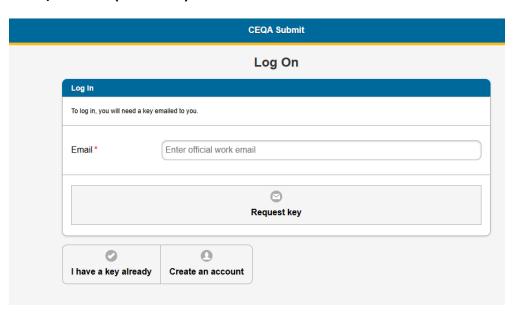
July 2020





"Umbrella" Environmental Laws

- California Environmental Quality Act (CEQA)
 - https://cegasubmit.opr.ca.gov/
 - As of Jan 1, 2024 Senate Bill (SB) 69 (Cortese, 2023) must file with County Clerk and Office of Planning and Research
- National Environmental Policy Act (NEPA)
 - https://ceq.doe.gov/







QR Code to EPA NEPA page



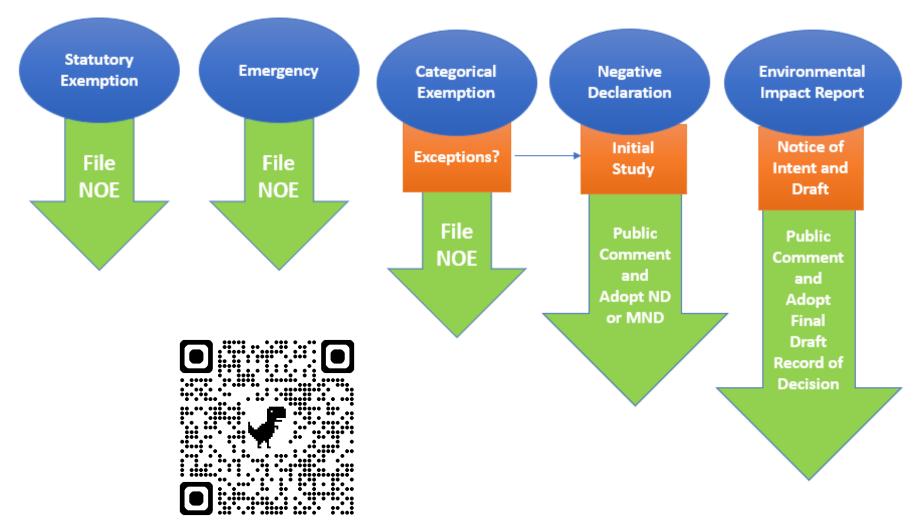
California Environmental Quality Act (CEQA)

What is CEQA / Notice Of Exemption?

- Provide the Governor's State of Emergency Proclamation
- 2. Statutory exemptions are created by the Legislature.
- 3. Categorical exemptions are created through the regulatory are created through the regulatory process and are found in CEQA Guidelines §§ 15300-15333.
- 4. Determine if your project falls under an exception.
- 5. If the initial study concludes that the project will not cause a significant impact to the environment, the agency can prepare a negative declaration.
- 6. If the agency determines that the project may have a significant impact on the environment, an Environmental Impact Report (EIR) must be prepared.



CEQA





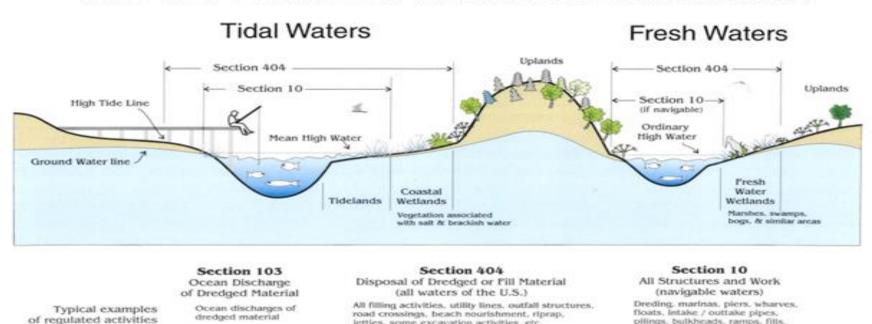
Resource	State	Federal
Species	California Endangered Species Act (CDFW)	Endangered Species Act (USFWS)
Historic	California Native American Historic Resource Protection Act (SHPO)	National Historic Preservation Act (SHPO)
Water	 a. Porter Cologne Water Quality Control Act (Water Boards, RWQCB) b. California Fish and Game Code (CDFW) 	 Clean Water Act (USEPA, USACE) Sections 401 and 402 administered by the State Water Boards Section 404 administered by USEPA and USACE
Air	California Clean Air Act (CARB)	Clean Air Act (USEPA)
Migratory Birds	California Migratory Bird <u>Protection</u> Act (CDFW)	Migratory Bird <u>Treaty</u> Act (USFWS)
	 Other State Laws Executive Orders (wetlands/floodplains) 	Other Federal LawsExecutive Orders (wetlands/floodplains)



Body: The **US Army Corps of Engineers (USACE)** maintains jurisdiction over two broad categories of water including Navigable Waters of the United States and Waters of the United States

The **State of California – Waterboards** maintains jurisdiction over all other waters of the state including Culverts, Bridges, Bank Erosion, Springs / Seeps / Wetlands, Drainages, etc.

CORPS OF ENGINEERS REGULATORY JURISDICTION



jettles, some excavation activities, etc.



pillings, bulkheads, ramps, fills,

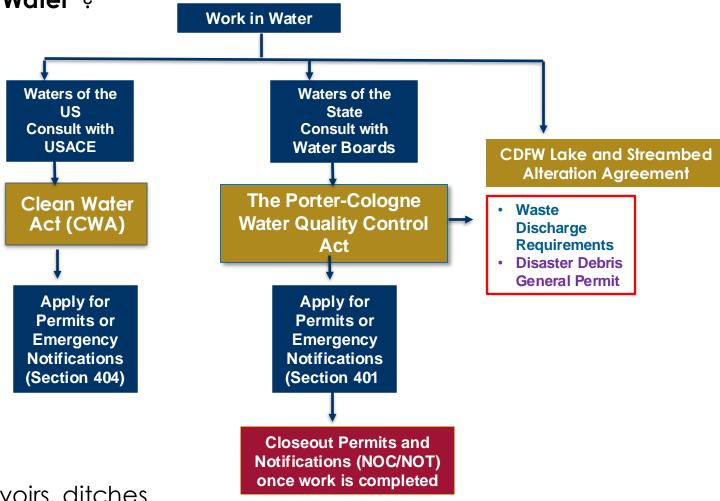
overhead transmission lines, etc.

What work is associated with "Work in Water"?

- Culverts
- Wetlands
- Streambanks
- Watercourses
- Bridge
- Debris
- Laydown Yards
- Staging areas

Types of watercourses:

- Perennial: Continuous flow
- Intermittent: Flows sometimes
- Ephemeral: Flows after rainfall only
- Man-made: channels, canals, reservoirs, ditches





Ordinary High-Water Mark (OHWM) **Field Guides**

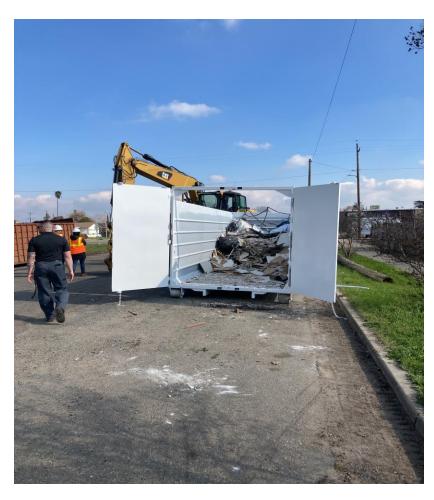


A Field Guide to the Identification of the Ordinary High-Water Mark (OHWM) in the Arid West Region of the Western United States.

Any work performed at or below the OHWM will require consultation with the appropriate regulatory agencies.



Waterboards Jurisdiction



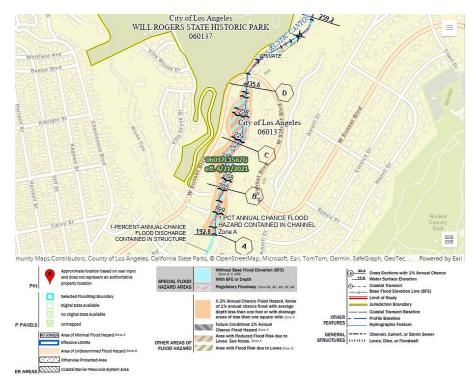
- State Water Resources Control Board (SWRCB) oversees stormwater concerns.
- SWRCB Order WQ 2020-0004-DWQ
 - General Waste Discharge requirements for disaster-related wastes
- 401 Water Quality Certification/Waste Discharge Requirements
 - NPDES Storm Water Permits





Floodplains and Wetlands

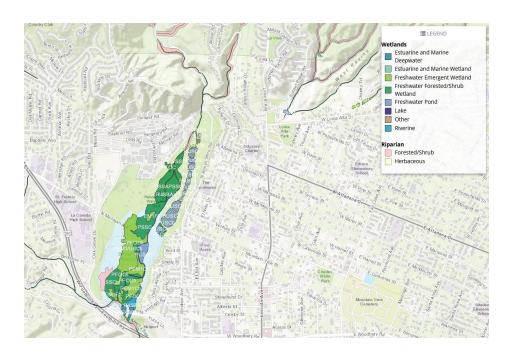
Identify wetlands and floodplains in your project area with these resources.



USA Flood Hazard

https://msc.fema.gov/portal/home

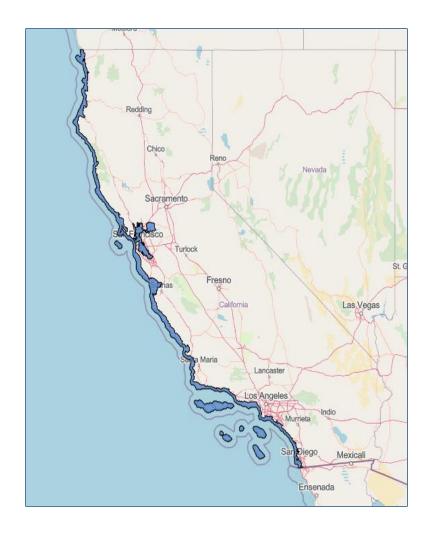




National Wetland Inventory

https://www.fws.gov/program/national-wetlandsinventory/wetlands-mapper

CA Costal Commission – CA Costal Zone Management Act



- 1000 yards inland from the coast
- Activity/Trigger: Construction work within the Coastal Management Zone (e.g., Placement of segregated fill on a beach).
- If immediate action is necessary contact within three days (72 hours) of the disaster or discovery of the danger,
- 7 days to obtain Emergency Permits: https://documents.coastal.ca.gov/assets/c
 documents.coastal.ca.gov/assets/c



U.S. Fish and Wildlife Service (USFWS) and National Marine Fisheries Service (NMFS) Jurisdictions

- Endangered Species Act
 - Biological Surveys Desktop/Field (Hire a biologist)
 - Section 7 requires federal agencies to consult with US Fish and Wildlife Service (this can always be informally preempted by the applicant)
 - Migratory Bird Treaty Act
 - Keep in contact US Fish and Wildlife Service and/or National Marine Fisheries Service Directly
 - Incidental Take Permits
 - Special Purpose Permits
 - Programmatic Biological Opinions:
 - Avoidance and Minimization Measures





 Use iPac to aid in identifying species in your project area

https://ipac.ecosphere.fws.gov/

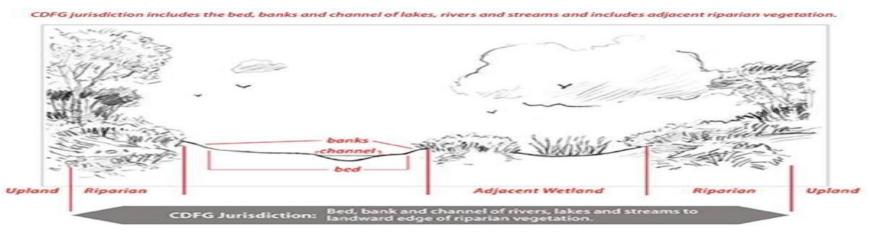


California Department of Fish & Wildlife (CDFW) Jurisdiction

- Fish and Game Code Section 1600
 - 1602 Permanent Projects
 - 1610 Emergency Notification
- CA Endangered Species Act and CA Migratory Bird Protection Act
 - Biological Surveys
 Desktop/Field (e.g. CNDDB)
 - Contact CDFW
 - Incidental Take Permits
 - Best Management Practices and Species-Specific Measures



CDFW Lake and Streambed Alteration page





National Historic Preservation Act/Cultural Resource Protections





- Common Triggers / Examples
 - Ground disturbance
 - See definition
 - Root balls
 - Tree stumps
 - Cemeteries
 - Bridges
 - Buildings
 - Burials
 - ...and more

DO NOT START WORK UNTIL THE FEMA
EHP REVIEW IS COMPLETE!







How to approach FEMA PA projects from an **EHP** perspective?

Who should I consult? Do I need permits? What laws apply?

- Clean Water Act?
- Porter Cologne Act?
- Fish and Game Code?
- Endangered Species?
- National Historic Preservation Act?
- Floodplains or Wetlands?
- Other laws?

Consult with Cal OES EHP early and often to avoid project delays and potential deobligation of funding!



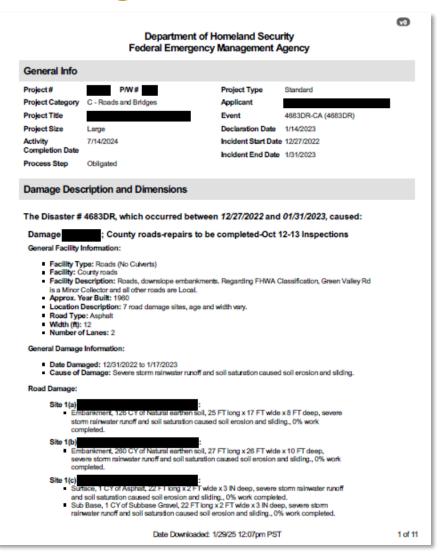




Where to confirm required EHP monitoring conditions?

Purpose of FEMA Grants Portal (GP) & the **GP Project Report**

- FEMA GP enables applicants to access, manage, and track FEMA PA projects
- The GP Project Report details the status and outlines key project information including:
 - General Information:
 - Damage, Description, and Dimensions;
 - Scope of Work (SOW)
 - Project Costs / Award Information; and
 - Grant Conditions (A brief description of EHP is included here)

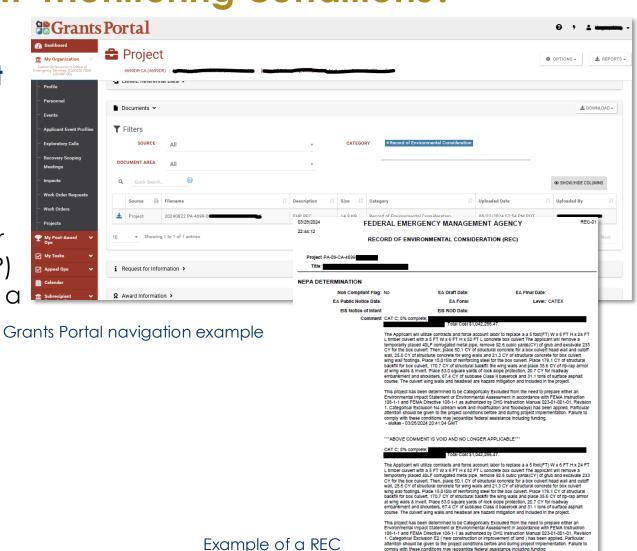




Where to confirm required EHP monitoring conditions?

Purpose of the FEMA Record of **Environmental Consideration (REC) Report**

- The REC report is a FEMA administrative document that identifies categorical exclusions (CATEX) or statutory exclusions (STATEX) for a given project's SOW and outlines applicable monitoring conditions for Environmental and Historic Preservation (EHP) laws and Executive Orders (EOs). It serves as a formal record of the environmental review process and associated determinations.
- Please note, the REC Report isn't typically available in GP until after FEMA EHP has completed the EHP Review process step.





Where to confirm required EHP monitoring conditions?

Example REC Report

National Historic Preservation Act Completed (NHPA)

Applicable executed Programmatic Agreement, Activity meets Programmatic Allowance (enter date and # in comments) -Review concluded

The Undertaking complies with First Tier Programmatic Allowance 1.A.1(b) (Removal of debris from private property provided that buildings are not affected...) (Appendix B) 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 29, 2019. Thus, the Undertaking does not require SHPO review or notification per Stipulation II.A.1. of the Agreement, See conditions, - tconawa1 -11/30/2021 21:03:54 GMT

Review the RFC to understand the applicable monitoring conditions identified by FEMA EHP

Monitoring Required: Yes/No

Resource Conservation and Recovery Act, aka Solid Waste Disposal Act (RCRA)

Review concluded

See Conditions. - tconawa1 - 11/30/2021 21:09:06 GMT

Wild and Scenic Rivers Act (WSR)

Completed Project is not along and does not affect Wild and Scenic River - Review concluded

Special Conditions required on implementation of Projects:

The Subgrantee is responsible for complying with all other applicable subparts of the CAA. Failure to comply with these conditions may jeopardize federal assistance including funding. Any change to the approved scope of work will require re-evaluation for compliance with the Clean Air Act.

Source of condition: Clean Air Act (CAA)

Monitoring Required: No

All debris, including but not limited to; construction and demolition debris, household items, exposed sandbags, sand, mud. silt, gravel. rocks, boulders, vehicle wreckage, and hazardous materials including electrical transformers must be taken to an appropriately licensed/permitted landfill, waste facility or spoil site.

Source of condition: National Historic Preservation Act (NHPA)

Monitoring Required: Yes

In the event that petroleum products, hazardous materials or toxic waste; or equipment, debris or materials contaminated with these products are discovered during implementation of the Undertaking, Documentation will be provided to the State and FEMA, showing that all materials and items were handled, managed, transported and disposed in accordance to the requirements and to the satisfaction of the governing Local, State and Federal agencies.

> Source of condition: Resource Conservation and Recovery Act, aka Solid Waste Disposal Act (RCRA)

Monitoring Required:

Standard Conditions:

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

CONDITIONS

NOTE: All times are GMT using a 24-hour clock.



Demonstrating compliance with EHP monitoring conditions

After my project is obligated, are my EHP responsibilities complete? No!

- Once all project work is complete, SRs are required to demonstrate compliance with all applicable EHP monitoring conditions at closeout.
- Closeout is the final process step to collect all outstanding supporting documentation, validate all project costs, and confirm the work was completed in alignment with the approved SOW.
- Required EHP documentation may include, but is not limited to:
 - Necessary permits;
 - Correspondence records with Federal / State Regulatory Agencies; and
 - Final compliance, action, and monitoring Closeout reports







Key Takeaways



Applicants / SRs are ultimately responsible for obtaining and providing all required EHP permits and accompanying documents.

When in doubt, consult your Cal OES / FEMA Points of Contact early;



Project activities / construction can only begin **after** EHP Review is complete, to avoid putting the project / funding at risk;



All applicable environmental laws must be addressed in the EHP process **even if** a Statutory / Categorical CEQA Exclusion is obtained;



Communicate all project changes to FEMA / Cal OES. A change in the SOW will require an additional round of FEMA Review, including EHP.



Keep copies of all correspondence and other documents.



Contacts

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Technical Resources: Environmental Directory and Fact Sheets and this presentation can be found on our website at

https://www.caloes.ca.gov/ehp

