**Coordinating:**

**Entity Name (Acronym)**

ESF coordinators oversee the preparedness activities for a particular ESF and coordinate with its primary and support agencies. Responsibilities of the ESF coordinator include:

* Maintaining contact with ESF primary and support agencies through conference calls, meetings, training activities, and exercises.
* Monitoring the ESF’s progress in meeting the core capabilities it supports.
* Coordinating efforts with corresponding private sector, NGO, and Federal partners.
* Ensuring the ESF is engaged in appropriate planning and preparedness activities.

|  |
| --- |
| **Primary(s):** |
| ESF primary agencies have significant authorities, roles, resources, and capabilities for a particular function within an ESF. Refer to the National Response Framework for specific responsibilities. |
| Entity Name (Acronym) | Entity Name (Acronym) |

|  |
| --- |
| **Supporting:** |
| ESF support agencies have specific capabilities or resources that support primary agencies in executing the mission of the ESF. Refer to the National Response Framework for specific responsibilities. |
| Entity Name (Acronym) | Entity Name (Acronym) |

# Purpose

The purpose sets the foundation for the rest of the ESF. The purpose is a general statement of what the ESF is meant to do, shows the relationship to Core Capability execution, and should be supported by a brief synopsis of the ESF annex and any appendices.

This document is a supporting annex of the Comprehensive Emergency Management Plan (CEMP) and operates in conjunction with all its annexes. ESF 10 coordinates support in response to an actual or potential discharge and/or release of oil or hazardous materials by ensuring the proper execution of the Environmental Response/Health and Safety Core Capability and supporting the following Core Capabilities based on the intersecting activities with other ESFs: Planning; Public Information and Warning; Operational Coordination; Infrastructure Systems; On-Scene Security, Protection, and Law Enforcement; and Situational Assessment.

| **Primary Response Core Capability** |
| --- |
| **Environmental Response/Health and Safety** | Conduct appropriate measures to ensure the protection of the health and safety of the public and workers, as well as the environment, from all hazards in support of responder operations and the affected communities. |

| **Support Response Core Capabilities** |
| --- |
| **Planning**  | Conduct a systematic process engaging the whole community as appropriate in the development of executable strategic, operational, and/or tactical-level approaches to meet defined objectives. |
| **Public Information and Warning** | Deliver coordinated, prompt, reliable, and actionable information to the whole community through the use of clear, consistent, accessible, and culturally and linguistically appropriate methods to effectively relay information regarding any threat or hazard, as well as the actions being taken, and the assistance being made available, as appropriate. |
| **Operational Coordination** | Establish and maintain a unified and coordinated operational structure and process that appropriately integrates all critical stakeholders and supports the execution of Core Capabilities. |
| **Infrastructure Systems** | Stabilize critical infrastructure functions, minimize health and safety threats, and efficiently restore and revitalize systems and services to support a viable, resilient community. |
| **On-Scene Security, Protection, and Law Enforcement** | Ensure a safe and secure environment through law enforcement and related security and protection operations for people and communities located within affected areas and also for response personnel engaged in lifesaving and life-sustaining operations. |
| **Operational Communications** | Ensure the capacity for timely communications in support of security, situational awareness, and operations, by any and all means available, among and between affected communities in the impact area and all response forces. |
| **Situational Assessment** | Provide all decision makers with decision-relevant information regarding the nature and extent of the hazard, any cascading effects, and the status of the response. |

# Authorities and Policies

## Revised Code of Washington (RCW)

### RCW #: Name

Short Description – Why is this particular authority important to this ESF’s role?

## Washington Advisory Code (WAC)

### WAC #: Name

Short Description

## Important Agency/Organization Policies

### Policy Identifier: Name

Short Description

# Situation Overview

At a minimum, the situation section should summarize hazards faced by the ESF and discuss how the ESF expects to receive (or provide) assistance within its regional response structures. The situation section covers a general discussion of:

• Relative probability and impact of the hazards.

• Geographic areas likely to be affected by particular hazards.

• Vulnerable critical facilities (e.g., nursing homes, hospitals, infrastructure).

The process used by the ESF to determine its capabilities and limits in order to prepare for and respond to the defined hazards.

# Concept of Operations

#### This CONOPS section explains in broad terms the ESF’s intent regarding an operation. This section is designed to give an overall picture of how the response organization accomplishes a mission or set of objectives to reach a desired end-state. Ideally it offers clear methodology to realize the goals and objectives to execute the plan.

Some functions of this ESF may include, but are not limited to:

* Environmental assessment of the nature and extent of oil and hazardous materials contamination
* Environmental decontamination and cleanup, including buildings/structures and management of contaminated waste.

In order to achieve its intended purpose, this ESF is concerned with accomplishing the Critical Tasks associated with each identified Core Capability to support the response mission area and the successful execution of these Core Capabilities.

| **Environmental Response/Health and Safety** |
| --- |
| **Critical Task I.D.** | **Critical Task Description** |
| **1** | Identify, assess, and mitigate worker health and safety hazards, and disseminate health and safety guidance and resources to response and recovery workers. |
| **2** | Minimize public exposure to environmental hazards through assessment of the hazards and implementation of public protective actions. |
| **3** | Detect, assess, stabilize, and clean up releases of oil and hazardous materials into the environment, including buildings/structures, and properly manage waste. |
| **4** | Identify, evaluate, and implement measures to prevent and minimize impacts to the environment, natural and cultural resources, and historic properties from all-hazard emergencies and response operations. |

| **Planning** |
| --- |
| **Critical Task I.D.** | **Critical Task Description** |
| **1** | Develop operational plans that adequately identify critical objectives based on the planning requirement, provide a complete and integrated picture of the sequence and scope of the tasks to achieve the objectives, and are implementable within the timeframe contemplated in the plan using available resources. |

| **Public Information and Warning** |
| --- |
| **Critical Task I.D.** | **Critical Task Description** |
| **1** | Inform all affected segments of society of critical lifesaving and life-sustaining information by all means necessary, including accessible tools, to expedite the delivery of emergency services and aid the public to take protective actions. |
| **2** | Deliver credible and actionable messages to inform ongoing emergency services and the public about protective measures and other life-sustaining actions, and facilitate the transition to recovery. |

| **Operational Coordination** |
| --- |
| **Critical Task I.D.** | **Critical Task Description** |
| **1** | Mobilize all critical resources and establish command, control, and coordination structures within the affected community, in other coordinating bodies in surrounding communities, and across the Nation, and maintain as needed throughout the duration of an incident. |
| **2** | Enhance and maintain command, control, and coordination structures consistent with the National Incident Management System (NIMS) to meet basic human needs, stabilize the incident, and transition to recovery. |

| **Infrastructure Systems** |
| --- |
| **Critical Task I.D.** | **Critical Task Description** |
| **1** | Decrease and stabilize immediate infrastructure threats to the affected population, to include survivors in the heavily damaged zone, nearby communities that may be affected by cascading effects, and mass care support facilities and evacuation processing centers with a focus on life-sustainment and congregate care services. |
| **3** | Provide for the clearance, removal, and disposal of debris. |

| **On-Scene Security, Protection, and Law Enforcement** |
| --- |
| **Critical Task I.D.** | **Critical Task Description** |
| **1** | Establish a safe and secure environment in an affected area. |

| **Operational Communications** |
| --- |
| **Critical Task I.D.** | **Critical Task Description** |
| **1** | Ensure the capacity to communicate with both the emergency response community and the affected populations and establish interoperable voice and data communications between Federal, tribal, state, and local first responders. |

| **Situational Assessment** |
| --- |
| **Critical Task I.D.** | **Critical Task Description** |
| **1** | Deliver information sufficient to inform decision making regarding immediate lifesaving and life-sustaining activities, and engage governmental, private, and civic sector resources within and outside of the affected area to meet basic human needs and stabilize the incident. |
| **2** | Deliver enhanced information to reinforce ongoing lifesaving and life-sustaining activities, and engage governmental, private, and civic sector resources within and outside of the affected area to meet basic human needs, stabilize the incident, and transition to recovery. |

## Whole Community

Describe how plans consider the essential needs of children. Describe how plans consider the physical, programmatic, and communications needs of individuals with disabilities and others with access and functional needs. Describe how plans consider the essential needs of household pets and service animals (e.g., the requirements stated in the federal PETS Act, etc.).

# Organization

Describe what the organizational structure of this ESF looks like. Where does it fall in the overall EOC/ECC structure? How are all the primary and supporting agencies/organizations connected?

## Structure

# Direction, Control & Coordination

This section also provides information on how department and agency plans nest into the ESF (horizontal integration) and how higher-level plans are expected to layer on the ESF (vertical integration).

## **Horizontal Integration**

List and briefly describe what state-level (equal) planning efforts exist that may support this ESF in executing its assigned responsibilities? List and briefly describe them.

**Plan Name**

Describe

## **Vertical Integration**

What Federal-level (higher), regional (lower), local-level (lower), private sector & NGO (lower) planning efforts exist that may support this ESF in executing its assigned responsibilities? List and briefly describe them.

**Plan Name**

Describe

# Information Collection, Analysis, & Dissemination

This section describes the critical or essential information needed, the source of the information, who uses the information, how the information is shared, the format for providing the information, and any specific times the information is needed.

## **Information Collection**

### **Essential Elements of Information (EEIs)**

The following categories are a baseline list of facilities and systems which should be considered for information collection. They may not include all relevant EEIs as the impact of a given disaster may require unique information collection needs.

|  |  |
| --- | --- |
| * **Federally-focused EEIs**
 | * Type and status of ESF #10 resource deployments.
* Status of significant oil or hazardous material releases.
* Number of oil and hazardous materials leaks, spills, or releases or threatened releases from facilities, vessels, pipelines, rail, and any other sources.
* Extent of oil and hazardous materials facilities (includes offshore facilities) or mobile facilities damaged, destroyed, or without power.
* Nature and extent of actual or potential environmental contamination and its environmental contamination and impacts, as appropriate.
* Limiting factors or shortfalls.
 |

## **Information Analysis**

Describe the process the information collected goes through to verify accuracy of the information and any details necessary to inform operations and decision-making.

## **Information Dissemination**

Describe what process this ESF takes to share the information once it has been verified and analyzed (e.g. the ESF shares the information with the Operations Section Chief in the EOC and the ESF 15/PIO, or Situation Unit in the Planning Section if applicable).

# Responsibilities

| Response Mission Area |
| --- |
| Core Capability | Critical Task I.D. | Activity/Action | State Agency / Organization |
| *Example* |
| Environmental Response/ Health and Safety | 2, 3, 4 | Describe the actions to prevent an oil or hazardous materials release. |  |
| Planning | 1 |
| Operational Coordination | 1 |
|  |  | Activity/Action 1 | Agency 1 |
|  |  | Activity/Action 2 | Agency 2, 3 |
|  |  | Activity/Action 3 | Agency 1, 2, 3 |
|  |  |  |  |
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|  |  |  |  |
|  |  |  |  |
| Environmental Response/ Health and Safety | 2, 3, 4 | Describe the actions to prevent an oil or hazardous materials release. |  |
| Planning | 1 |
| Operational Coordination | 1 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Environmental Response/ Health and Safety | 2, 3, 4 | Describe the actions to minimize an oil or hazardous materials release. |  |
| Planning | 1 |
| Operational Coordination | 1, 2 |
| Public Information and Warning | 2 |
| Situational Assessment | 1 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Environmental Response/ Health and Safety | 2, 3, 4 | Describe the actions to mitigate an oil or hazardous materials release. |  |
| Planning | 1 |
| Operational Coordination | 1, 2 |
| Public Information and Warning | 2 |
| Situational Assessment | 1 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Environmental Response/ Health and Safety | 2, 3, 4 | Describe the methods to detect and assess the extent of contamination (including sampling and analysis and environmental monitoring). |  |
| Planning | 1 |
| Operational Coordination | 1 |
| Situational Assessment | 1, 2 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Environmental Response/ Health and Safety | 1, 2, 3, 4 |  |  |
| Planning | 1 | Describe the methods to stabilize a release. |  |
| Public Information and Warning | 2 |
| Operational Coordination | 1, 2 |
| Infrastructure Systems | 1 |
| On-Scene Security, Protection, and Law Enforcement | 1 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Environmental Response/ Health and Safety | 1, 2, 3, 4 | Describe the methods to prevent the spread of contamination after a release. |  |
| Planning | 1 |
| Public Information and Warning | 2 |
| Operational Coordination | 2 |
| Infrastructure Systems | 1 |
| On-Scene Security, Protection, and Law Enforcement | 1 |
| Situational Assessment | 2 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Environmental Response/ Health and Safety | 1, 2, 3, 4 | Describe the method for implementation of environmental cleanup and waste disposition. |  |
| Public Information and Warning | 2 |
| Operational Coordination | 1, 2 |
| Infrastructure Systems | 3 |
| On-Scene Security, Protection, and Law Enforcement | 1 |
| Situational Assessment | 2 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Environmental Response/ Health and Safety | 1, 2, 3, 4 | Describe the method for storage of oil and hazardous materials. |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Environmental Response/ Health and Safety | 1, 2, 3, 4 | Describe the method for treatment of oil and hazardous materials. |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Environmental Response/ Health and Safety | 1, 2, 3, 4 | Describe the method for disposal of oil and hazardous materials. |  |
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|  |  |  |  |
|  |  |  |  |

# Resource Requirements

## **Micro-level**

Think about the person physically in the EOC, this ESF Annex is their guiding document during the response.

What does your ESF need from the EMO and the EOC to carry out the functions they are assigned? Will they need to bring their own laptop, access to specific internal networks, etc.? Will the ESF maintain a copy of their own SOPs or partner plans within the EOC?

Additionally, to be an ESF representative with the knowledge necessary to successfully support the functions of this ESF, what type of training is required? Are there additional training opportunities that could benefit the individuals representing this ESF?

**Training Requirements**

**Recommended Training**

## **Macro-level**

Are there any known resources that will be activated to support the response operation, either established through policy or other mandates, regardless of what the situation is (e.g. a liaison will always be sent to the local EOC/ECC to ensure accurate coordination and unity of efforts, etc.)?

# References and Supporting Guidance

What guidance exists to support this ESF? What attachments or appendices are included, if applicable? This is not a place for plans (i.e. plans belong in the “Direction, Control, and Coordination” section), but are there any websites or other relevant references this ESF may benefit from having quick access to?

List and briefly describe them.

# Terms and Definitions

What technical information was discussed, specific to this ESF, that may need additional clarification? Common terms and definitions (e.g. Emergency Operations Center, etc.) will be defined in the Basic Plan. We are really trying to focus on this ESF-specific jargon and terminology the average person may not know.

List and briefly describe them.

### Term Name:

Definition/Description

**Waste Disposition**

Includes the processing, treatment and disposal of hazardous materials.