Introduction to Facility Contingency Plan Regulation Harmonization

Authority

OSPR's authority comes from the Lempert-Keene-Seastrand Oil Spill Prevention and Response Act

Article 5 Contingency Planning, Government Code Sections 8670.28- 8670.29 sets the minimum requirements.

OSPR's Contingency Plan regulations implement Government Code Sections 8670.28-8670.29.

Impacted Regulations

Primary Impacted Regulations

- Title 14 CCR Sections 815.01 - 817.03 - Oil Spill Contingency Plans, Marine Facilities and Small Marine Fueling Facilities
- Title 14 CCR Section 817.04 - Inland Facility Oil Spill Contingency Plans

Collateral Changes

- Title 14 CCR Section 790 - Definitions and Abbreviations
- Title 14 CCR Section 790.3 - Confidentiality of Submitted Documents and Information
- Title 14 CCR Sections 791-798 - Certificates of Financial Responsibility
- Title 14 CCR Sections 819 - 819.07 - Oil Spill Response Organization (OSRO) Ratings
- Title 14 CCR Section 820.1 - Drills and Exercises - Facilities, Vessels, and Mobile Transfer Units
- Title 14 CCR Sections 830.1 - 830.11 - Spill Management Team Certification

Observations of Current Regulations

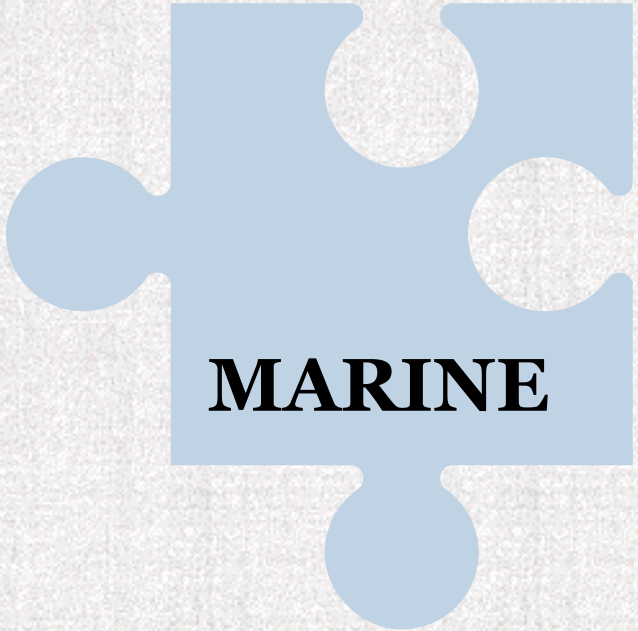
- Public Record Requests
- Common Deficiencies
- Complex Resource Requirements
- Updates needed
- Which regulation?
- Applicability questions

Goals

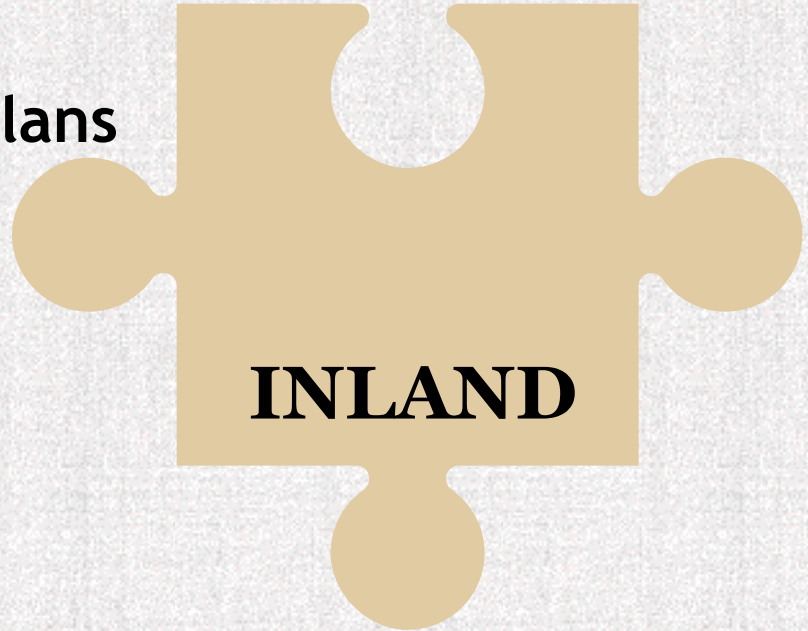
Harmonize	*Standardize*	*Streamline*	*Update*
• One Regulation for Inland and Marine facilities under OSPR's jurisdiction	• Plan Format • Applicability • Correct inconsistencies within facility regulations • Focus on type of waters impacted	• Eliminate unnecessary requirements • Online Reasonable Worst-Case Spill (RWCS) Volume Calculator • Exemption Process	• RWCS volume (SB 237) • Clarify/simplify response resource requirements • Oil detection on water • Add Renewable Fuels to the definition of oil (AB 148) • Trajectory requirements

Harmonization

Current Model



Facility Contingency Plans



Sections 815.01 – 818.03
Also includes tank vessels
(task for another day)

Section 817.04

Harmonization

Proposed Model

Section 805.1 – 805.15

Proposed Model

Facility Contingency Plan

Section 805

Harmonization - Applicability

Current Regulations

Marine – In marine waters, or reasonably expected to impact marine waters

- Not well-defined; open to interpretation

Inland – ¼ mile from surface waters of the state

- Consistent application; determination of applicability via Geographic Information Systems (GIS) layer

Proposed Model

Facility Contingency Plan

Section 805

Harmonization - Applicability

Proposed

This subchapter is applicable to an owner or operator of a facility, as defined in section 790, that handles, transports, or stores oil in waters of the state or within one-quarter (¼) mile of waters of the state.

Proposed Model

Section 805

Harmonization - Applicability

Proposed Concept

Transition away from marine vs. inland dichotomy

C-Plan requirements based on proximity to tidally influenced and non-tidally influenced waters.

- Tidally Influenced waters are divided into: High Volume Ports, Facility Transfer Area and Santa Barbara Channel, and Balance of the Coast
- Non-tidally influenced waters are categorized as perennial, intermittent, and ephemeral.

Proposed Model

Section 805

Harmonization - Applicability

Proposed Concept

Applicability determination: ¼ miles from any waters of the state (tidally influenced and non-tidally influenced)

Tidally-influenced and non-tidally influenced waters are depicted in data layers in the Environmental Response Management Application (ERMA)

Office of Response and Restoration
National Oceanic and Atmospheric Administration

Environmental Response Management Application (ERMA)

Proposed Model

Section 805

Harmonization - Applicability

Proposed Concept

New Definitions:

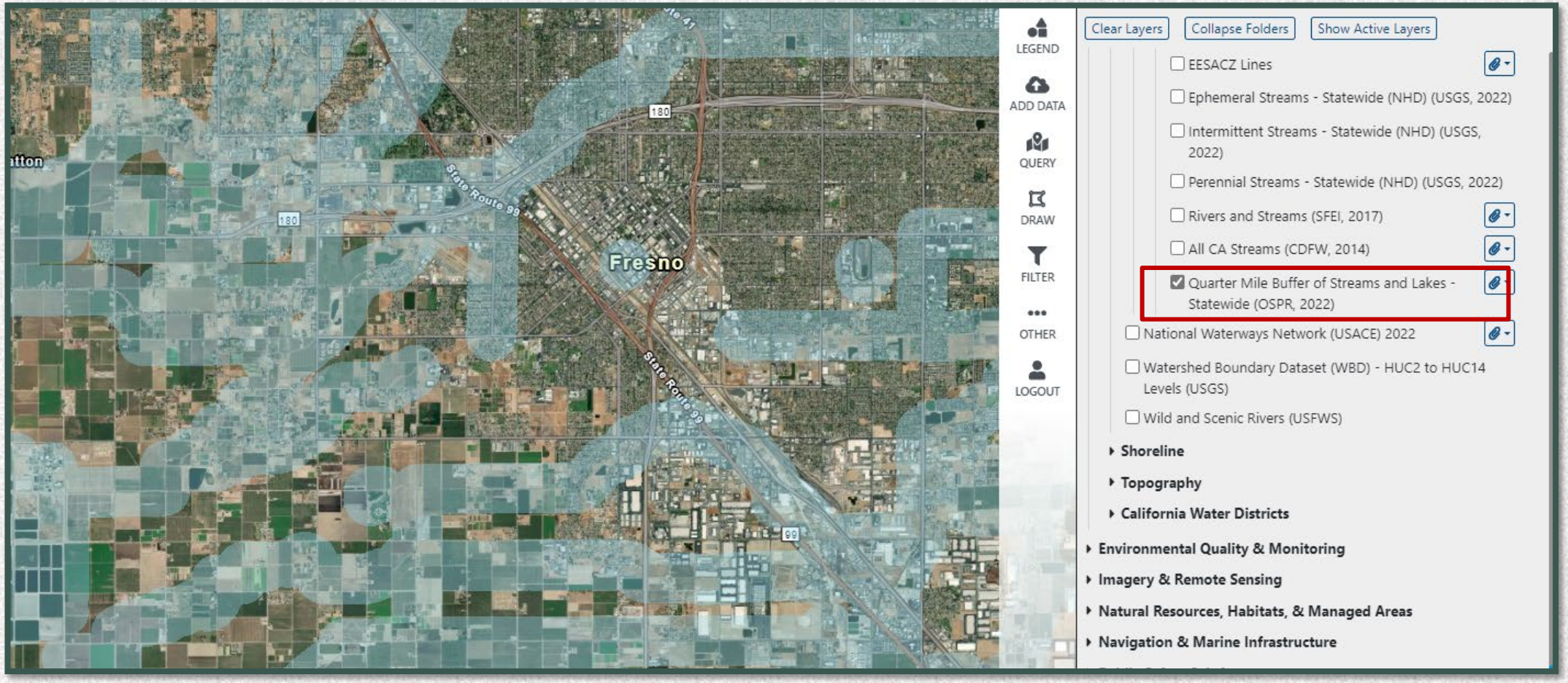
Tidally-Influenced Waters (TIW): subject to tidal influence, as depicted in ERMA layer

Non-tidally influenced Waters:

- **Perennial:** typically flow continuously year-round
- **Intermittent:** flow when receiving water from runoff or springs
- **Ephemeral:** flow only due to direct precipitation runoff

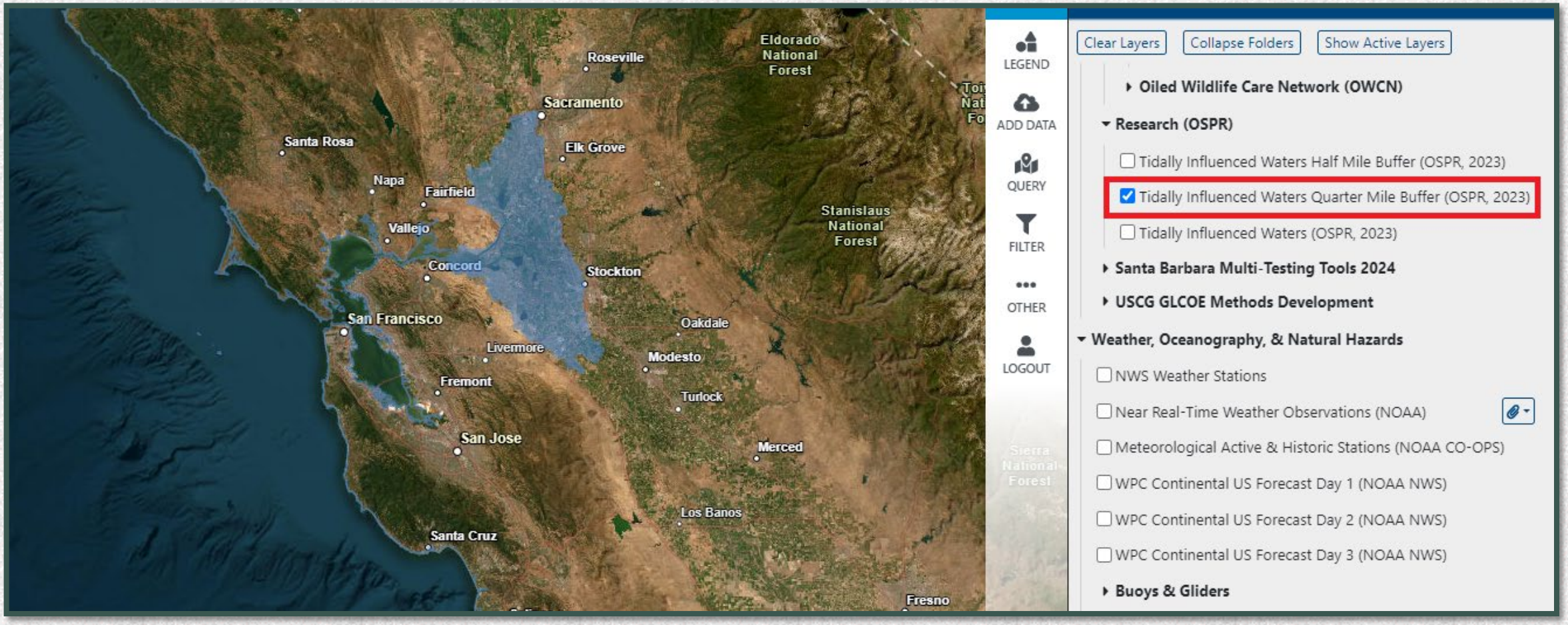
Non-Tidally Influenced Waters

The ¼ mile buffer of Streams and Lakes (inland surface waters) is currently used to determine whether inland facilities are regulated



Tidally Influenced Waters - ERMA

New layer displays ¼ mile buffer of Tidally influenced waters



Proposed Model

Section 805

Harmonization - Applicability

Planning requirements increase as likelihood of a complex response increases

Complexity is determined by the water types a spill may impact

Complexity

High Volume Ports

Facility Transfer Area and Santa Barbara Channel

Perennial Waters

Intermittent and Ephemeral Waters

Requirements

Proposed Model

Facility Contingency Plan

Section 805

Harmonization - Applicability

An onshore production facility within one-quarter (¼) mile of waters of the state:

Average daily production rate of 10 barrels or more of oil.

Production tanks not regulated as an aboveground storage tank or regulated as an underground petroleum storage tank

Pipelines or gathering lines greater than four inches in diameter

Proposed Model

Section 805

Harmonization - Exemptions

Proposed Exemptions:

Utilize the same criteria identified in current inland regulations

- Slope and elevation;
- Specific gravity and pour point of oil produced or transported;
- Permanent natural or man-made barriers that keep spills contained, including but not limited to impervious or semi-impervious surfaces such as concrete or asphalt; or
- A release of oil to or through natural or manmade drainage such as storm drains, culverts, or canals that could not impact waters of the state;

Standardized form for exemptions based on the current inland exemption worksheet

Proposed Model

Section 805

Harmonization – Multi-Facility Plan

What is a blanket plan and what is not?

Different definition in Marine and Inland regs:

- **Marine:** Blanket contingency plans may be submitted for marine facilities that are substantially similar to one another
- **Inland:** An owner or operator may request approval of a single contingency plan applicable to any combination of inland facilities and marine facilities, which is commonly referred to as a "blanket plan."

Most plans include multiple facilities

Proposed Model

Section 805

Harmonization – Multi-Facility Plans

Proposed:

Plan holders may have multiple facilities in one plan, if:

- Covered facilities utilize the same primary Qualified Individual and certified spill management team (SMT)
- All facilities have the same owner and operator or are covered by a single federal response plan
- Rated oil spill response organization (OSRO) coverage for all geographic regions and environments in which covered facilities operate

Proposed Model

Section 805

Harmonization – Multi-Facility Plans

Proposed:

- All plans are required to have an Offsite Consequence Analysis for the largest RWCS volume in each Area Contingency Plan or Response Planning Area in which covered facilities operate

Proposed Model

Section 805

Standardization

Part 1: Response Manual

Part 2: Contingency Plan Cover Sheet (DFW 456)

Part 3: Cover Sheet attachment

Proposed Model

Section 805

Standardization

Part 1: Response Manual

Everything needed for initial response.

- This is what is tested in an OSPR Exercise

Elements of a Response Manual

- Owner/operator info
- Spill notification contact list and call-out procedures
- Spill notification requirements – what must be reported
- Diagrams and maps
- Response procedures

Proposed Model

Section 805

Standardization

Part 1: Response Manual

OSPR Will accept federal Emergency Response Action Plan in place of the Response Manual with some additions, for example:

- OSPR Certified Spill Management Team (SMT)
- Oiled Wildlife Care Network (OWCN) or other approved care facility contact information
- Office of Emergency Services (OES) notification and update requirements
- Local Interested Party contact info
- Diagrams and Maps

Proposed Model

Section 805

Standardization

Part 2 & 3: Contingency Plan Cover Sheet + Attachments

- Everything else required to justify/support Response Manual and meet Article 5 requirements
- This will be a 7-page fillable form (pdf) with attachments based upon the plan
- Incorporates acknowledgement statements for specific requirements
- Future submittal via online application style interface.

Proposed Model

Facility Contingency Plan

Section 805

Standardization

Part 2: Contingency Plan Coversheet +Attachments

State of California – Department of Fish and Wildlife

DRAFT

FACILITY CONTINGENCY PLAN COVER SHEET

DFW TBD (NEW XX/XX/XX) Page 1 of 7

Refer to page X for instructions on how to complete and submit this form.

Purpose: This form must be completed by owners or operators of facilities pursuant to California Code of Regulations (CCR), Title 14, section 805.5. This form and its attachment must accompany the Response Manual when submitted to the Office of Spill Prevention and Response (OSPR) for review and approval. Collectively these documents constitute the oil spill contingency plan that is required by Government Code section 8670.29 that must be submitted to OSPR by facility owners and operators.

A. PLAN HOLDER INFORMATION

1. Plan Holder: The single entity (owner or operator) that is responsible for maintaining the contingency plan.

Plan Holder Name:

Legal Company Name:

Plan Name:

Plan Holder Point of Contact

Name:

Mailing Address:

Phone Number:

Email:

Alternate Point of Contact (optional)

Name:

Mailing Address:

Phone Number:

Email:

2. Address of principal place of business of the plan holder, if different from above.

Mailing Address:

Phone Number:

Email:

3. Owner Information

Facility Owner Company Name:

Owner Point of Contact Name:

Mailing Address:

Phone Number:

Email:

4. Operator Information

Facility Operator Company Name:

Operator Point of Contact Name:

Mailing Address:

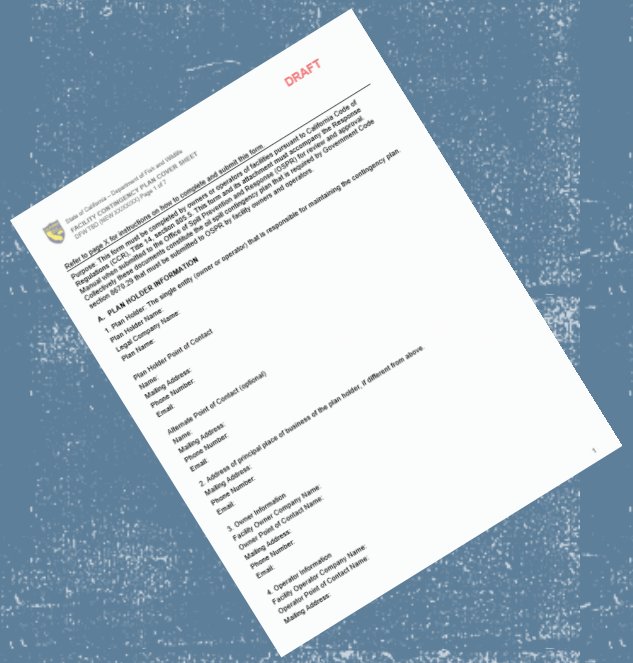
Proposed Model

Facility Contingency Plan

Section 805

Standardization

Part 2: Contingency Plan Coversheet +Attachments



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Phone Number:
Email:

For onshore production facilities, provide the CalGEM Operator number:
California Environmental Reporting System identification number, if issued:

5. Agent for Service of Process. The agent for service of process must reside in California.
Agent for Service of Process Name:
Mailing Address:
Phone Number:
Fax Number:
Email:

B. RESPONSE MANAGEMENT INFORMATION

1. Primary Qualified Individual. The primary qualified individual must represent all the facilities covered by the contingency plan.
Qualified Individual Name:
Mailing Address:
24-Hour Phone Number:
Email:

Alternate Qualified Individual (optional):
Name:
Mailing Address:
24-Hour Phone Number:
Email:

2. Certified Spill Management Team (SMT) Information

Indicate whether the plan holder utilizes internal, external, or a combination of personnel providers for the plan holder's certified SMT. If a combination of internal and external personnel is used, check both boxes below and provide the appropriate details. If the plan holder relies on external personnel to provide all or part of its certified SMT, the contingency plan attachment must include documentation of a contract or other approved agreement with each external provider relied upon.

Each spill management team must be certified by OSPR for the appropriate tier classification, based on the facility's reasonable worst-case spill volume provided in section X of this form. Refer to 14 CCR 830.1 through 830.11.

☐ The plan holder is relying on internal plan holder personnel, or a mix of internal and external personnel, for a certified SMT.
Internal/Plan Holder SMT Application Number:

☐ The plan holder is relying on one or more external providers of personnel to meet the requirement for a certified SMT.

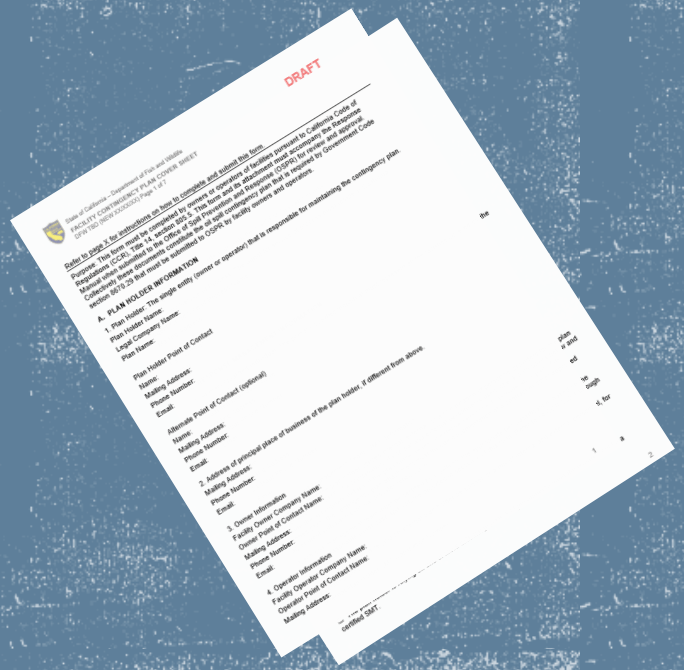
Proposed Model

Facility Contingency Plan

Section 805

Standardization

Part 2: Contingency Plan Coversheet +Attachments



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Name of External SMT:
External SMT Number:

Name of External SMT:
External SMT Number:

Specify the section number within the contingency plan attachment where the evidence of a contract or agreement with a certified spill management team is located:

C. FACILITY INFORMATION

1. OSPR-Regulated Facility Information

Enter all OSPR-regulated facilities covered by the plan, including the facility name, facility type, reasonable worst-case spill volume, type(s) of oil handled, as defined in 14 CCR section 790, latitude/longitude (decimal degrees), and the OSPR response region for each facility. Latitude and longitude are not required for pipelines and railroads. The regions are described in 14 CCR section 790. See the instructions page for guidance and attach additional pages as necessary.

Facility Name	Facility Type	RWCS	Type of Oil	Latitude	Longitude	Region (S/C/N)

2. Reasonable Worst-Case Spill (RWCS) Volume Calculations

Plan holders should utilize the RWCS volume calculator tool, available on OSPR's website. If the plan holder's RWCS volume calculation employs model output or additional parameters not included in the RWCS Calculator, the full calculation and all parameters, pursuant to 14 CCR section 805.13, must be included in the contingency plan attachment.

The largest RWCS volume for this plan is: _____barrels.

Specify the section number within the contingency plan attachment where the calculation(s) are located:

3. Certificate of Financial Responsibility (COFR)

List the COFR number for each facility covered by the contingency plan. The information provided in this table must align with the certificate issued by OSPR. The facility name and RWCS volume on the COFR application must match the RWCS volume provided in Table C.1 above. If a COFR has not been issued but an application has been submitted, please state "submitted" in the Certificate Number column. Attach additional pages as necessary.

Facility Name	Certificate Number

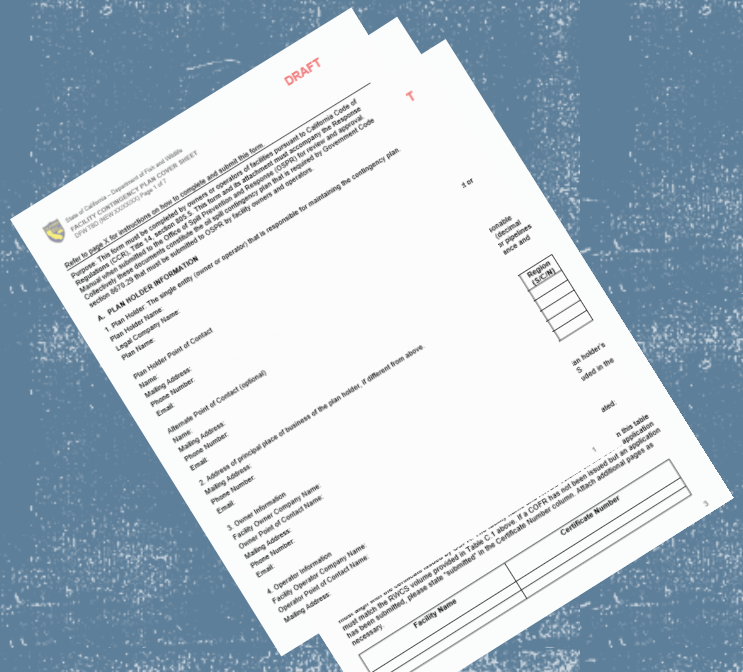
Proposed Model

Facility Contingency Plan

Section 805

Standardization

Part 2: Contingency Plan Coversheet +Attachments



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D. PREVENTION AND PROTECTION MEASURES

1. Specify the section number within the contingency plan attachment where the Prevention and Protection Measures information described in 14 CCR section 805.15(a) is located:

2. The plan holder acknowledges that the maintenance schedules and procedures must be provided to the Administrator within 5 days of request. Please check all that apply.

☐ Maintenance schedule and procedures for any pipelines and tanks, including internal and external inspections, for assessing corrosion, damage, lateral or vertical movement, and leaks.

☐ Maintenance schedule and procedures, including inspections, for ensuring any secondary containment is intact, including protection of drains leading off the property.

☐ The schedule and process for discovering and assessing unauthorized activity in a right-of-way.

☐ For a railroad, the maintenance schedule, and procedures, including inspections, for the track, signaling equipment, and switching equipment.

E. HAZARD EVALUATION STUDY AND OFFSITE CONSEQUENCE ANALYSIS

1. Hazard Evaluation Study

Specify the section number within the contingency plan attachment where the summary of the hazard evaluation study conducted pursuant to 14 CCR section 805.15(b) is located:

2. Offsite Consequence Analysis

Specify the section number within the contingency plan attachment where the offsite consequence analysis and summary of the resources at risk from a spill, pursuant to 14 CCR section 805.15(c), is located:

3. Environmental Sensitive Site Protection Coverage

For facilities posing impacts to tidally influenced waters, indicate the area contingency plan(s) and geographic response area(s) impacted by the 12-hour trajectory:

F. RESPONSE RESOURCES

1. Waters of the State at Risk

Indicate the types of waters potentially impacted by each facility covered by the contingency plan.

Facility Name	Within ¼ mile of tidally influenced waters of high-volume port (HVP)	Within ¼ mile of tidally influenced waters of facility transfer area / Santa Barbara Channel (FTA/SBC)	Within ¼ mile of non-tidally influenced perennial waters	Within ¼ mile of non-tidally influenced Intermittent or ephemeral waters

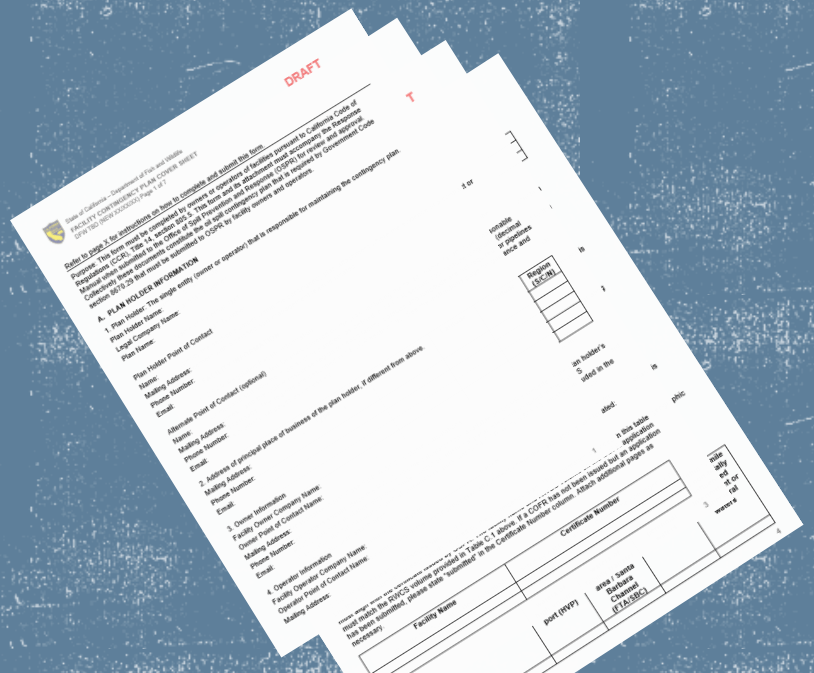
Proposed Model

Facility Contingency Plan

Section 805

Standardization

Part 2: Contingency Plan Coversheet +Attachments



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2. Response Capabilities

The plan holder must demonstrate response resources defined in 14 CCR section 805.15(d), are either provided by a rated oil spill response organization (OSRO) with appropriate service ratings (as described in 14 CCR section 819.02) or with plan holder-owned resources. Any plan holder-owned equipment must be rated by the Administrator as described in 14 CCR section 819.02.

Specify the section number within the contingency plan attachment where the OSRO contract(s) are located:

- Primary Rated OSRO Name:
- Secondary Rated OSRO Name:

Specify the contracted rated OSRO(s) or plan holder resources utilized to meet the requirements for the following services, as described in 14 CCR section 805.15. Shoreline cleanup or low light detection capabilities may be provided by entities other than a rated OSRO but must meet the requirements described in 805.15. Enter "N/A" for any services not required for the facilities covered by the plan.

- Marine On-Water Containment and Recovery:
- Inland On-Water Containment and Recovery:
- Terrestrial Services:
- Environmental Sensitive Site Protection:
- Shoreline Cleanup:
- Non-Floating Oil:
- Low Light Detection:
- Comments on OSRO Coverage:

3. Shoreline Cleanup

Specify the section number within the contingency plan attachment where shoreline cleanup description, pursuant to 14 CCR section 805.15(d)(8), is located:

4. Plan Holder-Owned Response Resources

☐ No required response resources are provided by the plan holder.

☐ The plan holder provides required response resources in part or entirely, in accordance with 14 CCR section 805.15(e).

Specify the section number within the contingency plan attachment where the required response resources that are provided by the plan holder are listed:

If the plan holder provides required response resources in part or entirely, acknowledge each requirement below.

☐ All plan holder-owned and controlled response resources identified in the contingency plan will be available, deployable, and operational for an exercise, drill, or spill. The plan holder must notify the

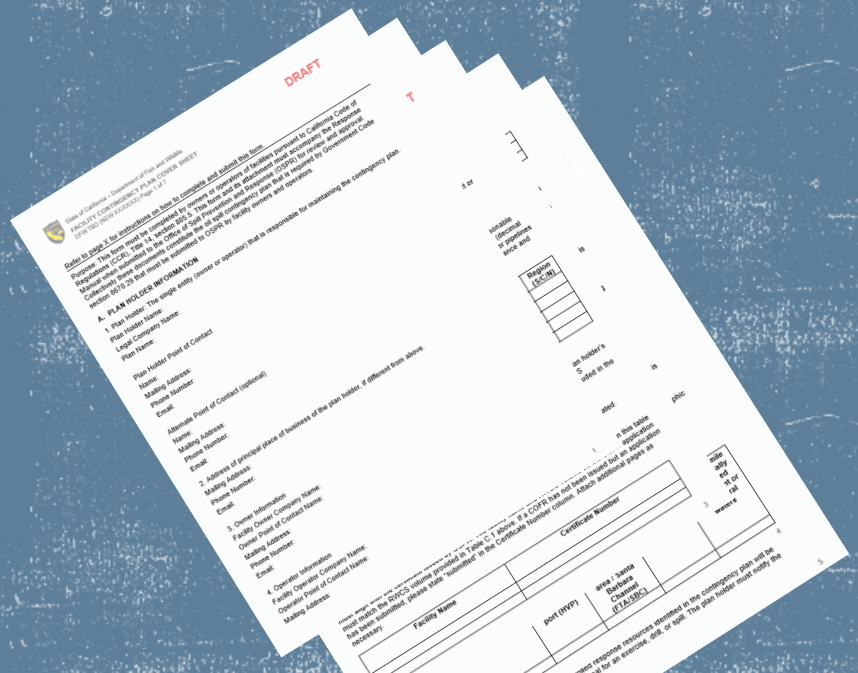
Proposed Model

Facility Contingency Plan

Section 805

Standardization

Part 2: Contingency Plan Coversheet +Attachments



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Administrator when major equipment identified in the contingency plan is removed from service for a period of 24 hours or more for maintenance, sale, or any other reason.

☐ Notification will be made to the Administrator 15 calendar days prior to removing equipment for planned or anticipated removal, and within 24 hours after removing equipment for unplanned or unanticipated reasons.

☐ The plan holder will demonstrate that backup equipment is available during the time that the major plan holder owned and controlled equipment is out of service. Backup equipment may be provided from the plan holder's own inventory or may be made available from another source.

☐ The plan holder will notify the Administrator within 24 hours when the major plan holder owned and controlled equipment is back in service.

☐ If plan holder owned and controlled response resources identified in the contingency plan are to be moved out of the plan holder's planning area, and that movement may impact the plan holder's containment, recovery, or storage capability within the first six hours of a spill, the plan holder will make a request to the Administrator to temporarily reduce the minimum oil recovery capability before the response resources can be moved.

5. Applied Response Technologies and Oil Spill Cleanup Agents

☐ The plan holder has not identified any non-mechanical methods of response, such as oil spill cleanup agents or applied response technologies.

☐ The plan holder has identified non-mechanical method of response considered appropriate and acknowledges that all such methods must be identified and utilized in accordance provisions of the California Oil Spill Contingency Plan, the National Oil and Hazardous Substances Pollution Contingency Plan, the applicable federal area contingency plan, the California Dispersant Use Plan, and all applicable state laws and regulations, specifically 14 CCR 886.1.

Specify the section number within the contingency plan attachment where information on non-mechanical response methods including names, quantities, and deployment timeframes are located:

6. Oiled Wildlife Care Requirements

☐ The plan holder is relying on the Oiled Wildlife Care Network (OWCN) to provide rescue and rehabilitation services for wildlife impacted by an oil spill. The plan holder will request this support via the OWCN Response Hotline 1-877-UCD-OWCN (1-877-823-6926).

☐ The plan holder is relying on a wildlife rescue and rehabilitation provider other than OWCN.

Specify the section number within the contingency plan attachment where information regarding wildlife rescue and rehabilitation provider and capabilities, pursuant to 14 CCR section 805.15(h), are located:

G. ICS, COMMUNICATIONS PLAN, AND CLAIMS DURING AN INCIDENT

1. Incident Command System

The incident command system or the unified command structure must be used as required by 14 CCR section 805.15(h)(1).

☐ The plan holder will integrate with the state incident command system or a unified command.

☐ Plan holder acknowledges that OSPR will serve as Environmental Unit Leader, Liaison Officer, Volunteer Unit Leader, and Wildlife Branch Director for oil spill response in California.

2. Communications Plans

☐ The communication plans to be used during a spill are those used in the incident command system.

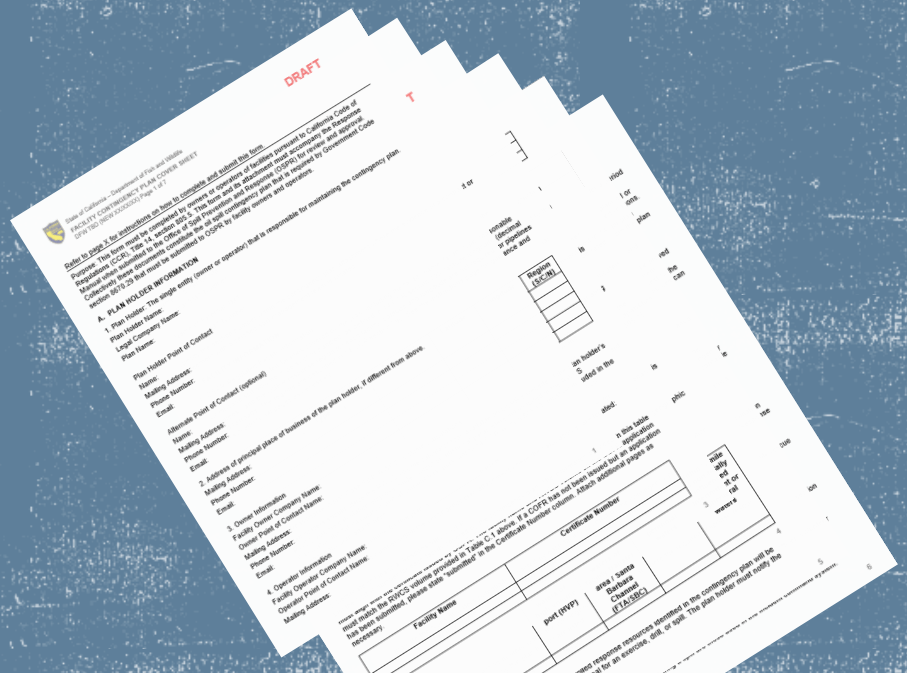
Proposed Model

Facility Contingency Plan

Section 805

Standardization

Part 2: Contingency Plan Coversheet +Attachments



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☐ The plan holder will use communications plans different than those used in the incident command system The alternate communications plans are located within the contingency plan attachment in section number:

3. Claims for Damages

☐ The plan holder will immediately and widely advertise the way it will accept and pay claims for damages as a result of an oil spill, pursuant to Government Code section 8670.51.1. This will include at least a website, phone number, press releases, and a notice published in a prominent local newspaper that is circulated in the areas affected by the spill. The website must be sufficiently optimized and tagged to appear prominently in internet searches about the incident.

H. DRILLS AND EXERCISES

☐ The plan holder will comply with the requirements of California Code of Regulations, title 14, section 820.1 to ensure that the elements of the plan will function in an emergency.

☐ The plan holder or operator shall ensure that all response resources identified as plan holder-owned participate in equipment deployment drill at least once every three years or as required in 14 CCR 820.1, with the exception of terrestrial equipment, which must be verified by an inspection at least once every three years, pursuant to 14 CCR 819.03 of this chapter.

☐ Environmental Sensitive Site Protection. When an oil spill contingency plan lists plan holder-owned environmental sensitive site protection response resources, a drill must be conducted at least once every three years. The amount of boom required to be deployed is the amount needed for the site strategy or strategies identified in the drill scenario, but no more than the amount required at protection hour six pursuant to the Site Protection Table in 14 CCR 828.1.

I. SAFETY TRAINING

☐ The plan holder must ensure that all facility personnel who are likely to be engaged in oil spill response maintain all safety training required by state and federal safety laws, in accordance 14 CCR 805.15(i).The plan holder must ensure that all appropriate personnel engaged in oil spill response receive training in oil spill response and cleanup equipment usage and operations.

☐ Training records must be maintained for three years from the date of the training. All such documentation must be made available to the Administrator upon request within five calendar days.

J. CERTIFICATION STATEMENT

The accompanying attachment must include the statement below and be signed under penalty of perjury by an executive within the plan holder's management, pursuant to 14 CCR section 805.15(k):

> *I certify that, to the best of my knowledge and belief, under penalty of perjury under the laws of the State of California, that the information contained in this oil spill contingency plan, which includes the response manual and the accompanying attachment, is true and correct and that the plan is both feasible and executable. By signing this statement, I agree to all the mandatory statements of this form at section(s) B (3-5), section D, section F (3-4), section F (3-4), section F (3-4), section G, and section H, and attest that the plan will comply with each regulation that is represented by those statements. I also certify that the company will maintain a level of readiness that will allow effective implementation of the contingency plan.*

Proposed Model

Section 805

Standardization

Part 2: Contingency Plan Coversheet +Attachments

Specific Sections: Certification Statement

I certify that, to the best of my knowledge and belief, under penalty of perjury under the laws of the State of California, that the information contained in this oil spill contingency plan, which is comprised of the response manual, the Contingency Plan Cover Sheet form DFW 456, and the accompanying attachment, is true and correct and that the plan is both feasible and executable. By signing this statement, I agree to all the mandatory statements in this form and attest that the plan will comply with each regulation that is represented by those statements. I also certify that the company will maintain a level of readiness that will allow effective implementation of the contingency plan.

Signature:

Title:

Date:

Proposed Model

Section 805

Streamline

Changes include:

- Remove Response Planning Volume
- Remove requirements for excess information, e.g. Incident Command System (ICS) Position Descriptions
- No Oil Spill Response Organization (OSRO) Equipment List
- Formal Exemption Request form
- Update Certified Spill Management Team (SMT) reporting
- Online Reasonable Worst-Case Spill (RWCS) Volume Calculator
- Updated Tiers

Proposed Model

Facility Contingency Plan

Section 805

Streamline

Updated Tiers based upon Reasonable Worst-Case Spill (RWCS) volume and water types impacted

Tiers	Tidally influenced waters	Perennial waters	Intermittent, Ephemeral and Mobile Transfer Unit (MTUs)
I	>600	>1000	N/A
II	250-599	500-999	N/A
III	<249	<499	All

Proposed Model

Facility Contingency Plan

Section 805

Streamline

Online RWCS Volume Calculator

- Developed as a tool to assist plan holders
- Live demo

Proposed Model

Section 805

Update

- Reasonable Worst-Case Spill (RWCS) volumes for onshore production facilities and pipelines
- Definitions
- Response Resource Tables
- Oil detection on water for facilities impacting Tidally Influenced Waters (TIW)
- Renewable fuels
- Simplified Hazard Evaluation Study requirements

Proposed Model

Facility Contingency Plan

Section 805

Update

Proposed Onshore Production RWCS calculation:

The largest of the following within ¼ mile of waters of the state:

- 50% of largest single production tank
- Largest pipeline (over 4 inches): max flow rate * (max discovery time + max shutdown time) + line drainage
- 10% of the daily average of oil and condensate of the largest producing well based upon the number of days production days in the previous calendar year.

Proposed Model

Facility Contingency Plan

Section 805

Update

Proposed Onshore Pipelines RWCS Calculation

Largest of:

- Calculation: max flow rate * (max discovery time + max shutdown time) + line drainage
- Maximum historic spill
- Capacity of largest breakout tank or battery

*Added: If the largest tank or battery of tanks has secondary containment greater than 100 percent, the volume is 25 percent of the volume of the largest tank or battery.

Proposed Model

Section 805

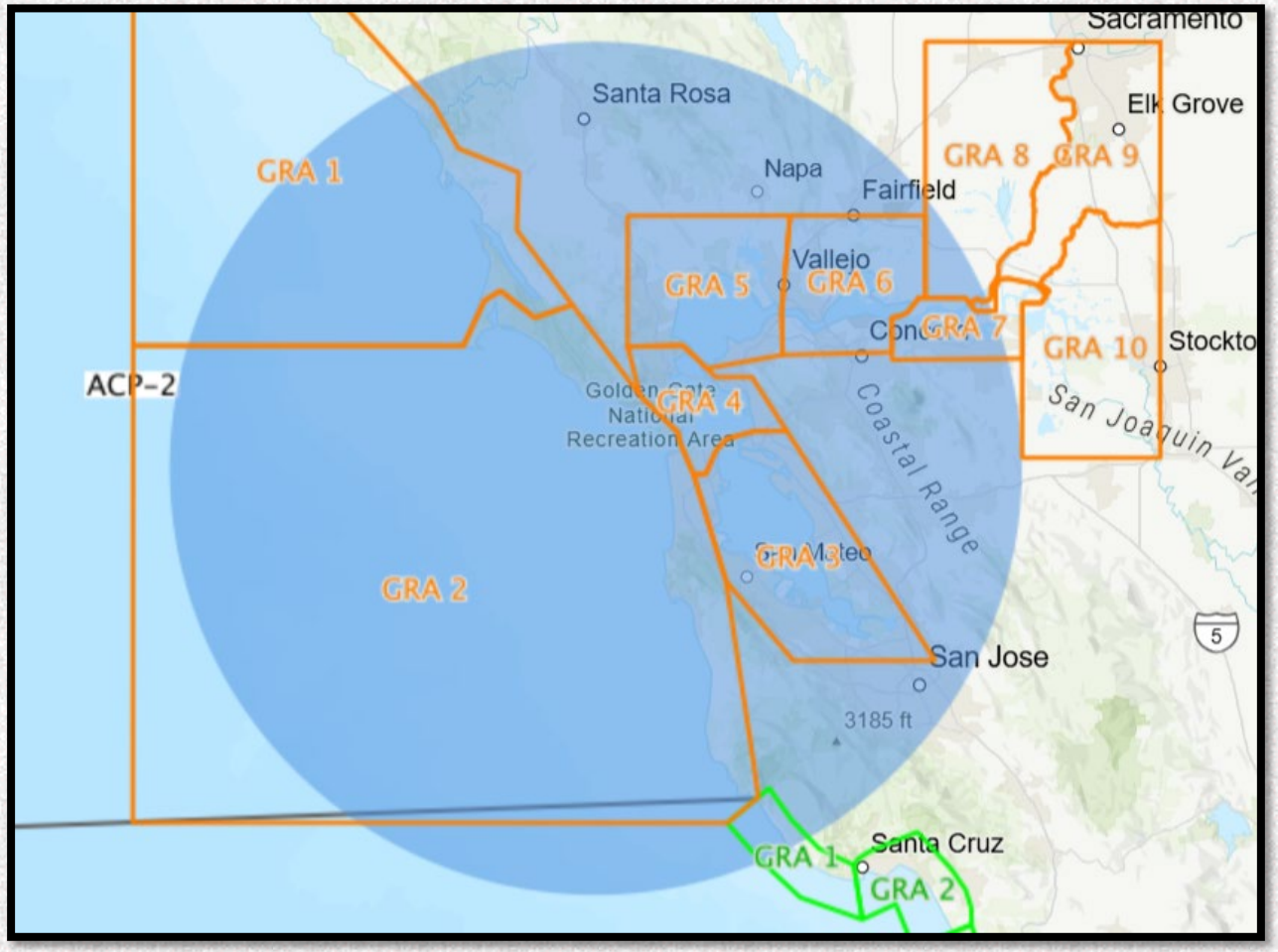
Update

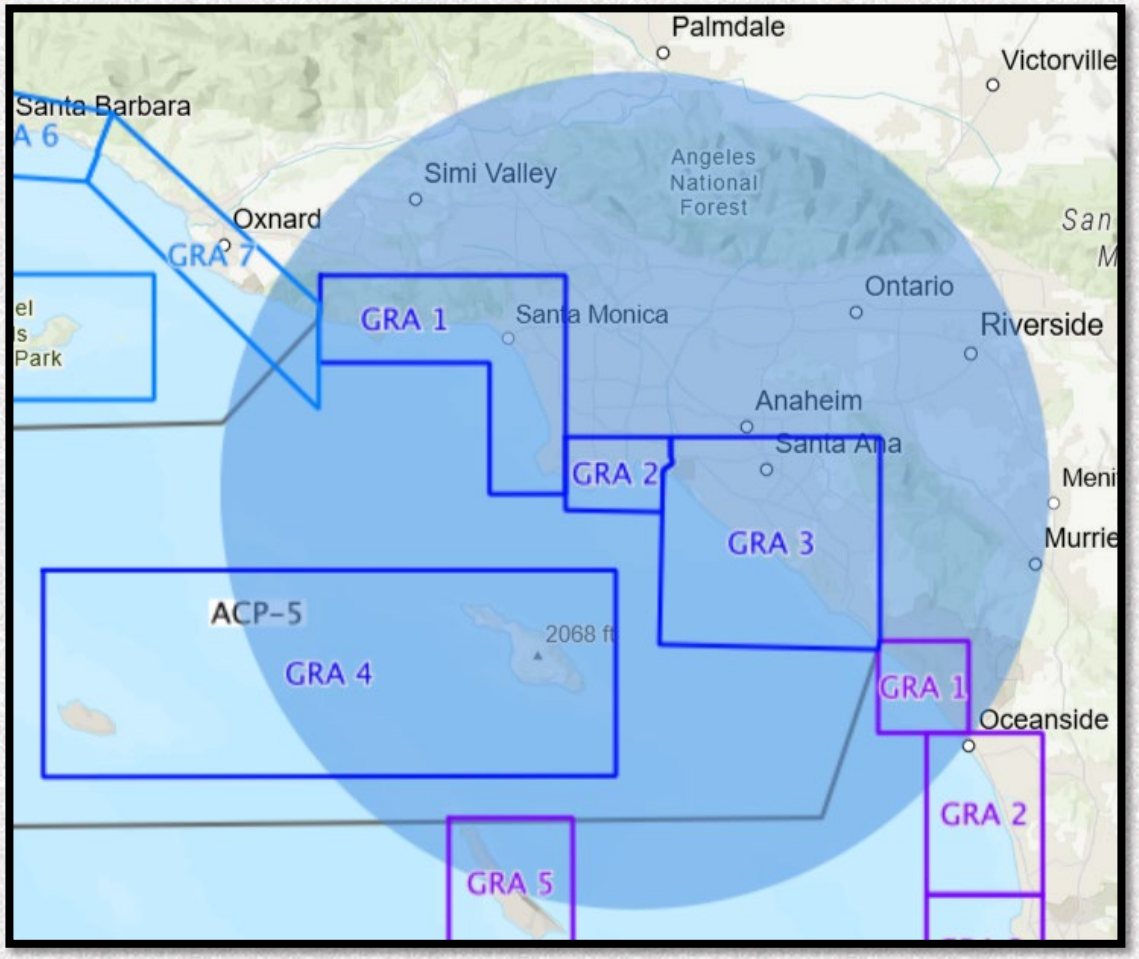
Introduction to Definition Updates:

- Current definitions for High Volume Port, Facility Transfer Area/Santa Barbara Channel, and Balance of the Coast do not align with how we rate Oil Spill Response Organization (OSROs)

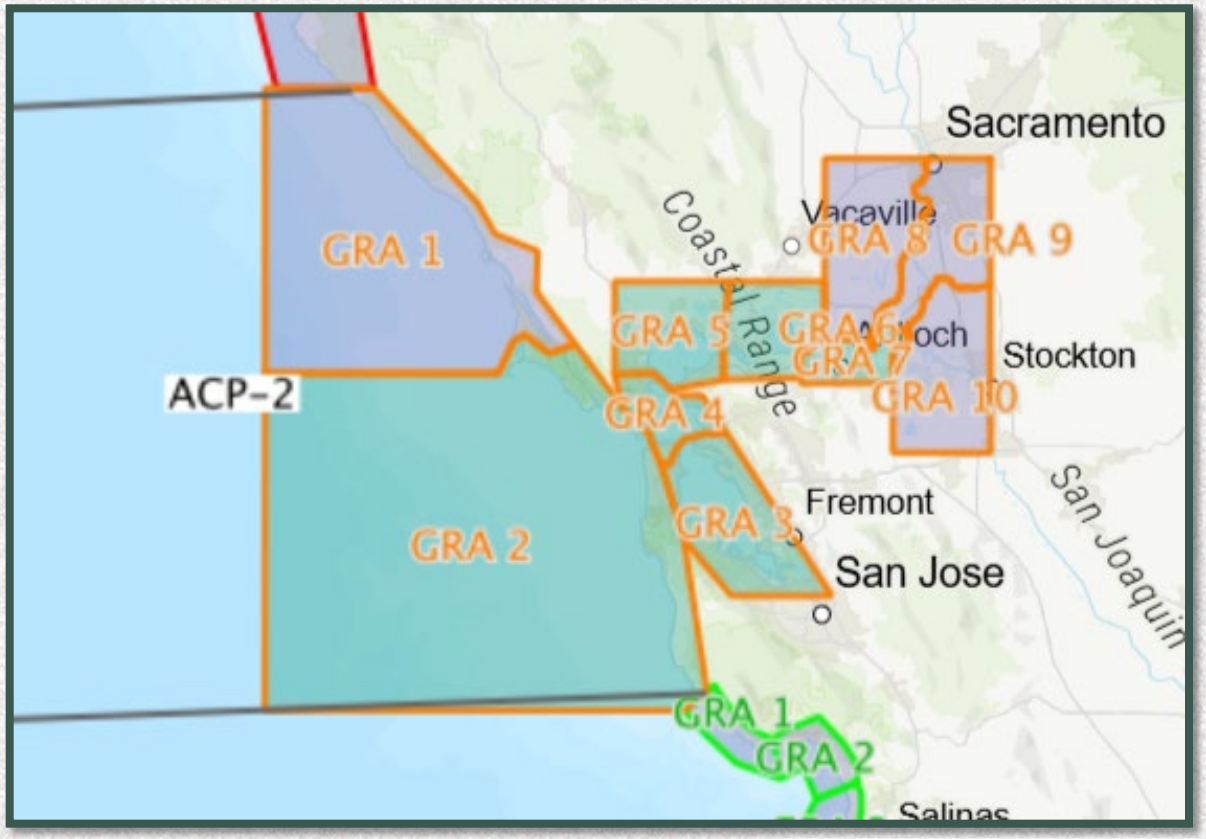
- Area Contingency Plans and OSRO rating use Geographic Response Areas (GRAs)

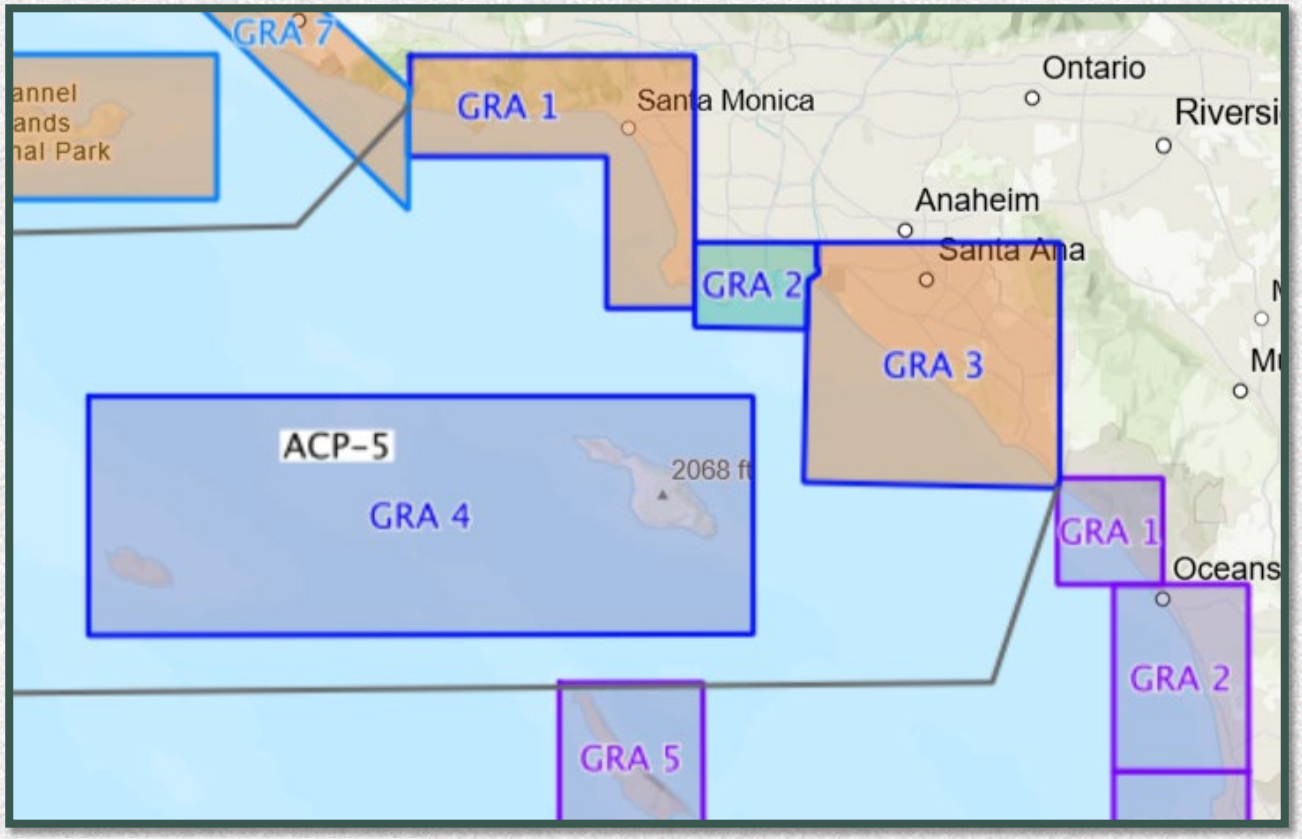
Update – Response Resource Tables – High Volume Ports





Update – Response Resource Tables – High Volume Ports

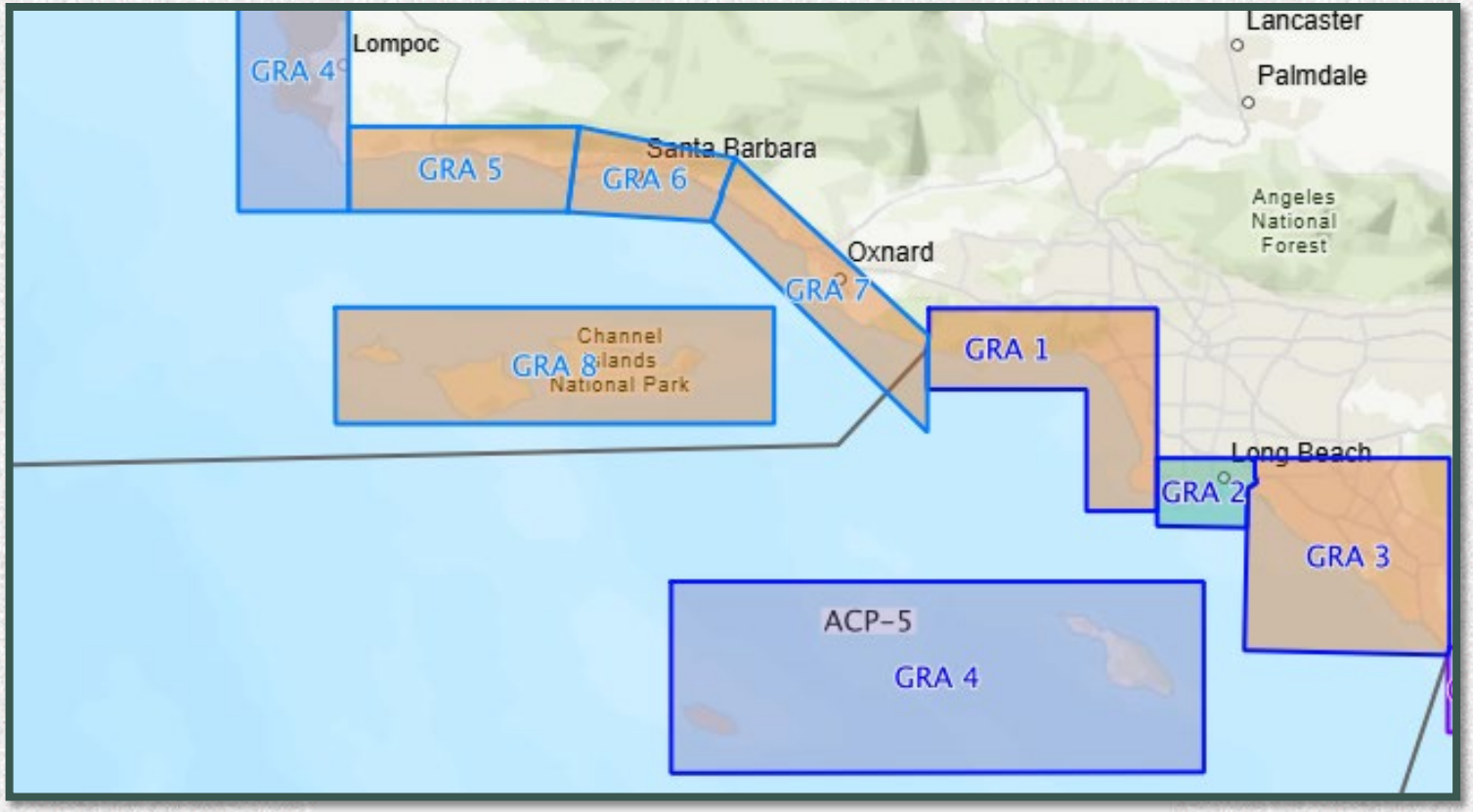




Facility Contingency Plan Zones (OSPR, 2025)

- High Volume Port
- Facility Transfer Area and Santa Barbara Channel
- Balance of the Coast

Update – Response Resource Tables – Facility Transfer Areas (FTAs) and Santa Barbara Channel



Facility Contingency Plan Zones (OSPR, 2025)

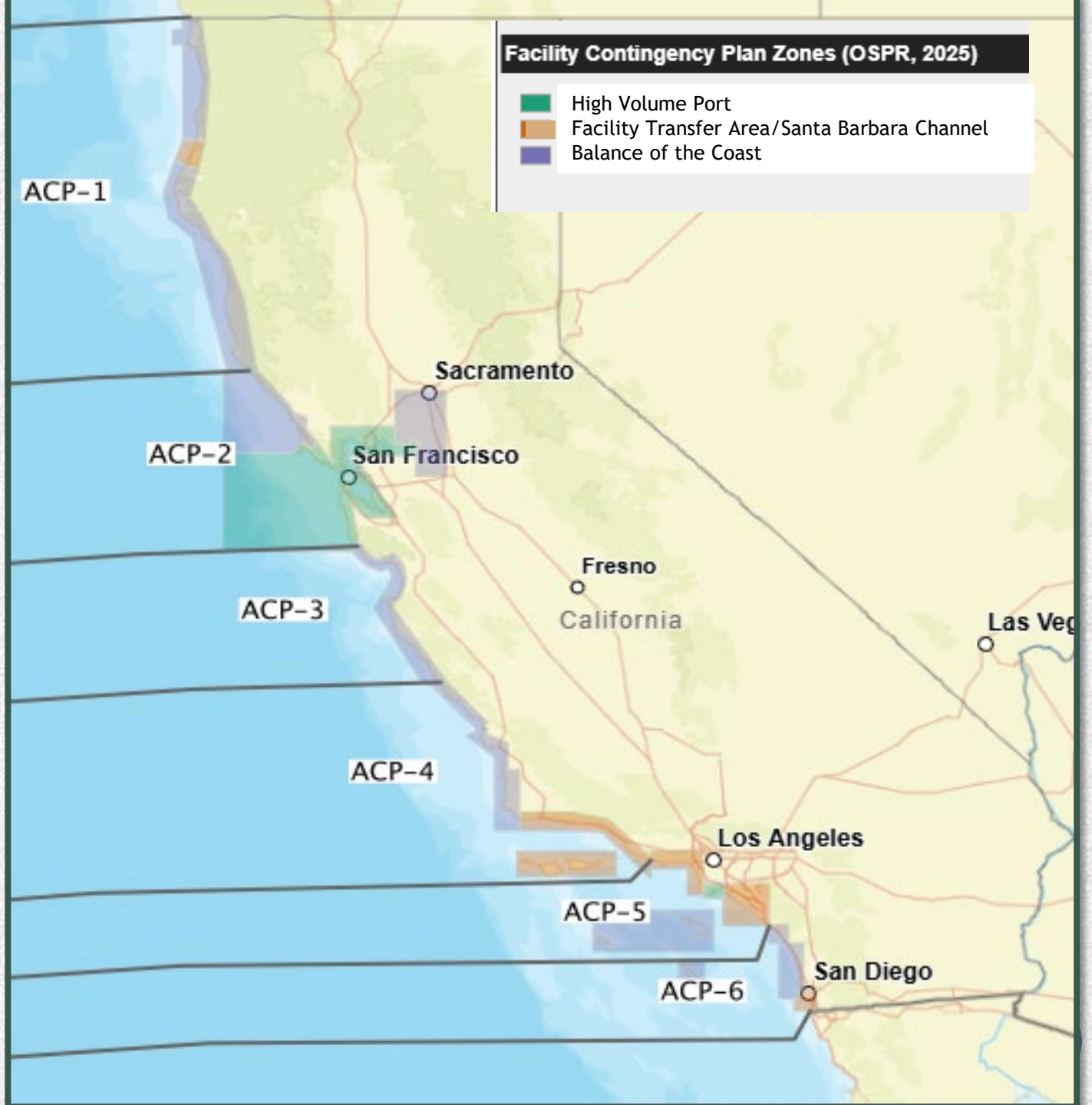
- High Volume Port
- Facility Transfer Area and Santa Barbara Channel
- Balance of the Coast

Proposed Model

Facility Contingency Plan

Section 805

Update



Update – Response Resource Tables

Marine Oil Spill Response Organization (OSRO) Matrix

OSRO Rating Requirements			
Hour Rating	**Containment Boom**	**Recovery (EDRC)**	**Storage (BBLS)**
0	600	N/A	N/A
1	1,200	N/A	N/A
2	2,000	3,125	N/A
4	N/A	13,280	520
6	4,000	23,427	12,000
12	N/A	23,427	23,437
18	N/A	27,343	27,343
24	N/A	31,250	31,250
36	N/A	46,875	46,875
60	N/A	78,125	78,125
EDRC - Estimated Daily Recovery Capacity / (BBLS) Storage are measured in Barrels Per Day.			

Inland On-Water OSRO Matrix

OSRO Rating Requirements			
Equipment	**Deployment within 6 Hrs. (Dedicated)**	**Deployment within 12 Hrs.**	**Deployment within 24 Hrs.**
Containment (Hard Boom)	1,000' Boom	5,000' Boom	10,000' Boom
Recovery Capability (EDRC)	820 bbls/day	4,100 bbls/day	8,200 bbls/day
Temporary Storage	820 bbls	1,500 bbls	3,000 bbls
EDRC - Estimated Daily Recovery Capacity / (BBLS) Storage are measured in Barrels Per Day.			

Update – Response Resource Tables

High Volume Ports

Hour Rating	Containment Boom (ft)	Recovery (EDRC)	Storage (bbl)
2	2,000	3,125	-
4	2,000	13,250	520
6	4,000	23,500	12,000
12	4,000	23,500	23,500
24	4,000	31,250	31,250
48	4,000	46,875	46,875

Facility Transfer Areas & Santa Barbara Channel

Hour Rating	Containment Boom (ft)	Recovery (EDRC)	Storage (bbl)
2	-	3,125	-
4	-	3,125	520
6	2,000	6,250	5,000
12	2,000	19,500	19,500
24	2,000	25,250	25,250
48	2,000	35,250	35,250

Amounts are not cumulative; only the amount indicated in the hour time frames above is required.

Note: This table does not include requirements from the Oil Transfer and Vessel Operations regulations, sections 840 - 845.2. 600 ft of containment boom deployed within 30 minutes and additional 600 ft within one hour for oil transfers.

Update – Response Resource Tables

Inland On Water

Hour	Containment Boom (ft)	Recovery (EDRC)	Storage (bbl)
6	1,000	820	-
12	5,000	4,100	1,500
24	10,000	8,200	3,000
48	10,000	8,200	6,000

Terrestrial

Hour	Containment and Recovery	Storage
6	Sufficient equipment for 50% of RWCS Volume	120 barrels
12	Sufficient equipment for 75% of RWCS Volume	240 barrels
24	Sufficient equipment for 100% of RWCS Volume	360 barrels & 20 cubic yards

Amounts are not cumulative; only the amount indicated in the hour time frames above is required.

Proposed Model

Section 805

Update

Oil detection on water

For facilities that pose impacts to tidally-influenced waters, the contingency plan must provide for aerial oil tracking resources capable of detecting oil on water in conditions of lowlight or adverse sea state conditions and be on-scene within six hours of spill notification. The requirements of this subsection may be satisfied by evidence of a contract or other approved means with a company or organization with the capability described in this paragraph. Such equipment and resources may include, but are not limited to, the following methods or equipment to complete oil detection in tidally influenced waters:

(A) Forward Looking Thermal Infrared Imagery (FLIR) or Infrared Imaging of similar design or;

(B) Multispectral Sensors (MS) in combination with Thermal Infrared Imaging or;

(C) Side Looking Airborne Radar (SLAR)

Proposed Model

Section 805

Update

Renewable Fuels

Assembly Bill (AB) 148 was enacted in 2021 to address oil spill preparedness and response for renewable fuels.

AB 148 made the existing provisions of the Lempert-Keene-Seastrand Oil Spill Prevention and Response Act applicable to renewable fuels.

Update definition of oil to include renewable fuels, as defined by AB 148

Include biodiesel (fatty acid methyl ester), renewable diesel, renewable gasoline, sustainable aviation fuel, and denatured ethanol

Exclude liquefied natural gas or liquefied petroleum gas composed of light hydrocarbons or mixtures thereof that are gaseous at atmospheric pressure and temperature ranges

Proposed Model

Facility Contingency Plan

Section 805

Update

Hazard Evaluation Study:

- ✓ Type of analysis
- ✓ Hazards identified

- ✓ Prevention and mitigation measures
- ✓ Relative frequency, duration, volume of spills from each hazard

Proposed Model

Facility Contingency Plan

Section 805

Update

Tidally Influenced Waters Offsite Consequence Analysis

Trajectory Requirements for tidally influenced waters

Reasonable Worst Case Spill Volume	Required trajectory
Less than 10 barrels	12 hours
10 to 50 barrels	12 and 48 hours
Greater than 50 barrels	12 and 72 hours

Note: 12-hour trajectory is also used to identify Geographic Response Areas impacted for environmental sensitive site protection requirements

Proposed Model

Section 805

Next Steps

- OSPR will send out a copy of:
  - Copy of this presentation
  - Draft Regulations
  - Draft Cover Sheet form (DFW 456)
  - Draft Exemption form (DFW 123)
  - Links to Environmental Response Management Application (ERMA) layers
- Request your review and any comments by 01 December 2025. Send comments and questions to:
  - facilitycplans@wildlife.ca.gov
  - Please be specific as you can and provide recommends if possible.
- Plan for next informal scoping session in January 2026

FACILITY CONTINGENCY PLAN TEAM

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- Vanessa Enriquez
- Andrew Jebananthan
- David Reinhard

Contact us at:
Facilitycplans@wildlife.ca.gov