

**CALIFORNIA DEPARTMENT OF
FISH & WILDLIFE:
OFFICE OF SPILL PREVENTION
AND RESPONSE**

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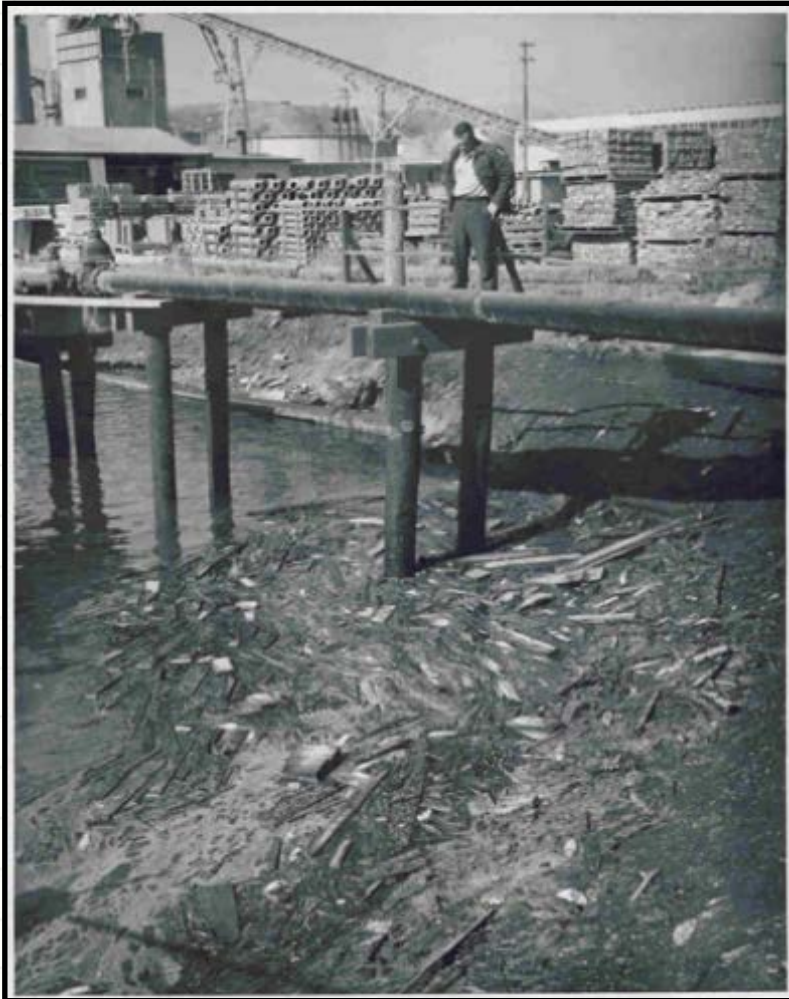
November 4, 2016



CALIFORNIA FISH & WILDLIFE'S ROLE IN POLLUTION RESPONSE

- I. Pollution Response History
- II. Responsibilities and Mandates
- III. Emergency Response and Water Pollution:
How it works in California

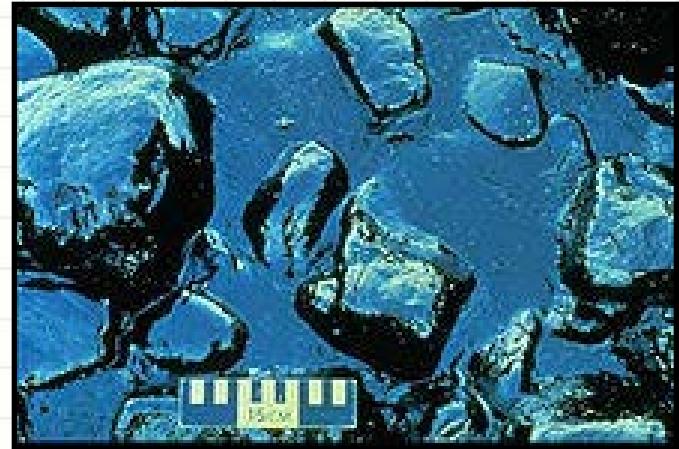
Pollution Response History:



- Gold Rush Legacy
- State Stepped into Protect Waterways
- 1870's – First Pollution Laws
- 1900's – Industrial Revolution Led to Increased Regulations
- 1950's – State's Cornerstone Pollution Law, FGC 5650, Codified

Pollution Response History cont.

- 1960's - Environmental Movement
- 1989 – Exxon Valdez Oil Spill etc.
- 1990's Creation of Office of Spill Prevention & Response (OSPR) within CDFW
- 2014 – Statewide Oil Program
- Responsibility as Primary State Agency to Respond to Spills



OSPR Program Functions:

- Prevention
 - **Coordinate with Oversight Agencies Regarding Adequate Spill Measures and Monitoring. (*Not Regulatory*)**
- Readiness/Preparedness
 - **Contingency Planning**
 - **Oil Spill Response Organization Oversight**
 - **Drills and Exercises**
 - **Demonstration of Financial Responsibility (e.g. insurance)**
 - **Local Government Coordination**
- Response
 - **Incident Management (FRT)**
 - **Cleanup Funding**
 - **Oiled Wildlife Care Network (OWCN)**
- Legal/Enforcement
 - **Investigations (Criminal, Civil, Administrative actions)**
 - **NRDA – Natural Resource Damage Assessment & Restoration**

Response & Cleanup Mandates



- Protecting Water Quality is our Top Priority
- Second Only to the Protection of Human Life
- Trustee Responsibility
- Has Evolved into Multi-faceted Mandate...
 - **1.** Pollution Response Role
 - **2.** Incident Command
 - **3.** Investigation
 - **4.** Natural Resource Damage Assessment
 - **5.** Restoration

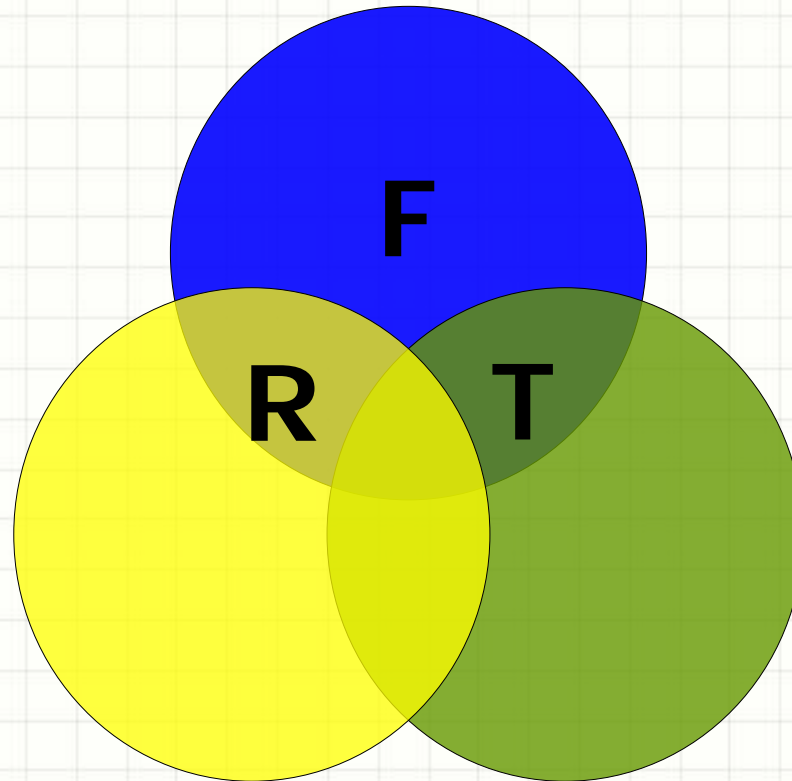
Pollution Response Role

- Multi-disciplined Approach to Response
- Cradle-to-Grave Participation in Event
- Designated Roles and Specialized Training
- What are CDFW / OSPR Field Response Teams?



1. Pollution Response Role: Field Response Teams

Wildlife Officers



Oil Spill Prevention
Specialists (OSPS)

Environmental
Scientists (ES)

1. Pollution Response: Wildlife Officers



- Background and training
- State Peace Officer
- Roles and Responsibilities:
 - ✓ State Incident Commander (SIC)
 - ✓ State On-Scene Coordinator (SOSC)
 - ✓ Investigator
 - ✓ Case officer

Pollution Response Role: Oil Spill Prevention Specialists



- Background and Training
- Roles and Responsibilities:
 - ✓ Initial Site Safety Officer
 - ✓ Liaison with operations staff
 - ✓ Air monitoring
 - ✓ Release quantification
 - ✓ Human / mechanical failure causal analysis
 - ✓ Salvage operations
 - ✓ Maritime / pipeline / Hazmat expertise

Pollution Response Role: Environmental Scientists



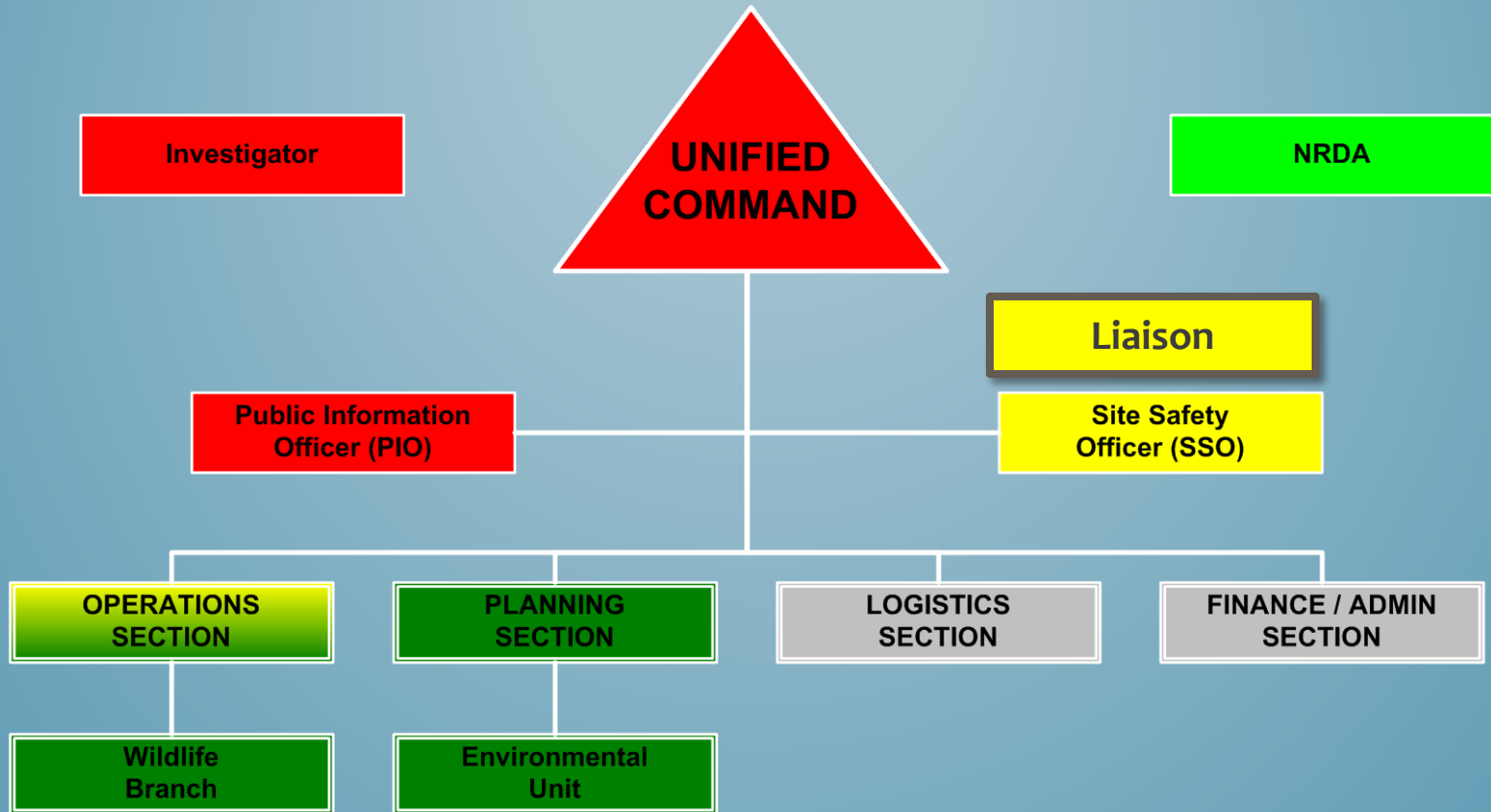
- Background and Training
- Roles and Responsibilities:
 - ✓ Environmental unit leader
 - ✓ Wildlife Branch Director
 - ✓ Resources at Risk – Protection Priorities
 - ✓ Shoreline Clean-up and Assessment (SCAT)
 - ✓ Clean-up Monitoring and Assessment
 - ✓ Determine Clean-up Endpoints
 - ✓ Resource Injury Assessment

Incident/Unified Command



- First Responder Role
- Specialized Training in ICS and Pollution Response
- Designated State Incident Commander on Oil Spills
- Ability to Fully Staff Unified Command Structure

2. Incident Command: FRT in Oil Spill Unified Command



Warden

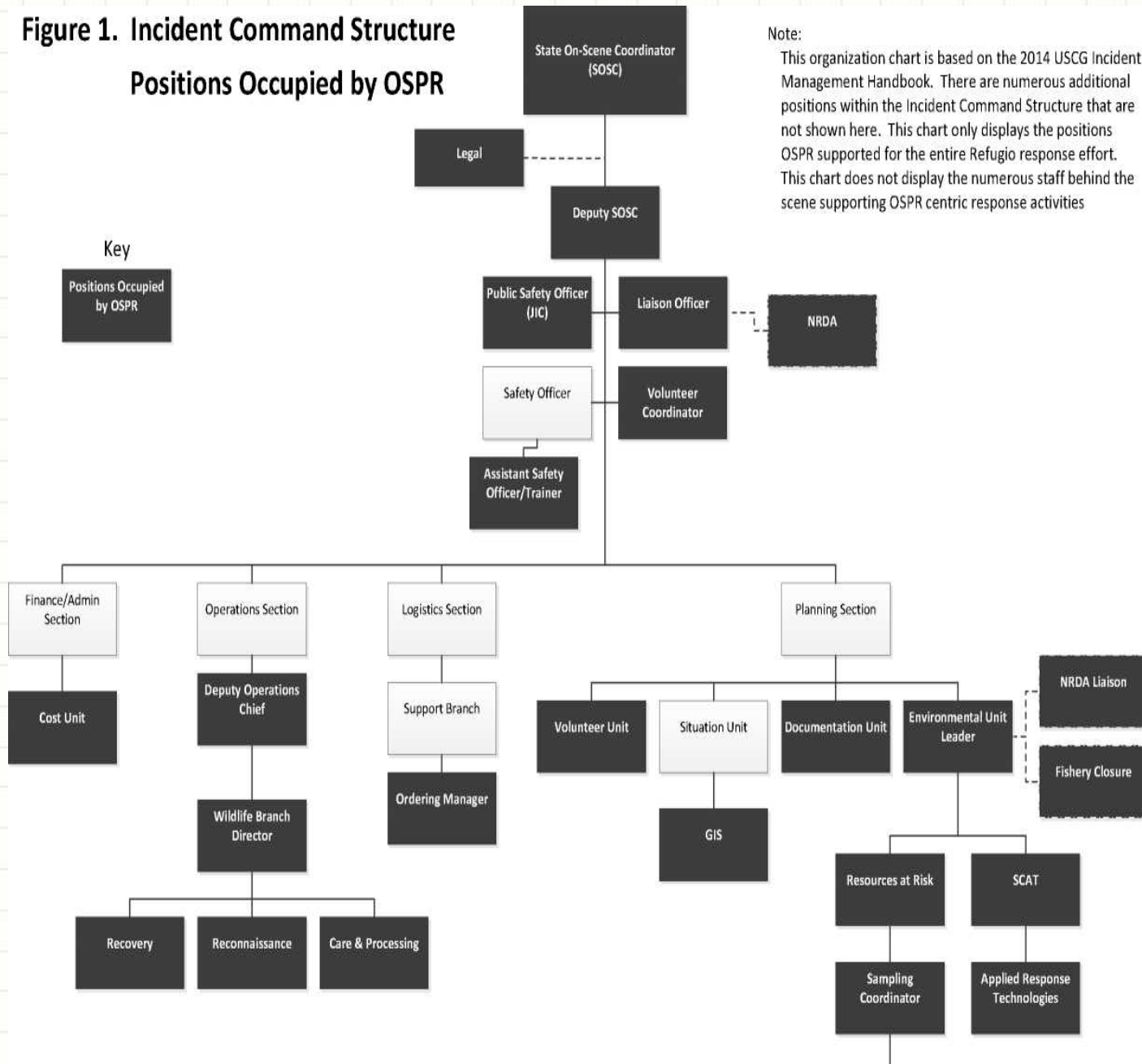


OSPS

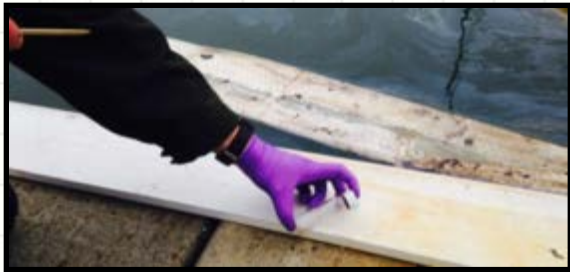


ES

**Figure 1. Incident Command Structure
Positions Occupied by OSPR**



Investigation



- Water Pollution is a Significant Environmental Crime
- Numerous Statutes
- Penal Code, Fish & Game Code, Gov't Code...
- Evidence Collection & Control
- Criminal Prosecution and Civil Considerations

III. EMERGENCY RESPONSE AND WATER POLLUTION: HOW IT WORKS IN CALIFORNIA



CDFW / OSPR Notification Process:

- CDFW / OSPR Dispatches Info
- Through OES, Fire, Police, etc.
- CDFW / OSPR Resources Notified
- FRT Personnel Respond
- Initial Triage of Incident

O.E.S. Orange County Fire Authority		CALIFORNIA EMERGENCY MANAGEMENT AGENCY EMERGENCY SERVICES Hazardous Materials Spill Report		
DATE: 06/24/2014 TIME: 0823	RECEIVED BY: ColEMA - Bradley Ahlin OSPR -	CONTROL #: ColEMA -14-3555 NRC - 1086914		
1.a. PERSON NOTIFYING GOVERNOR'S CalEMA:				
1. NAME: Operator 27	2. AGENCY: LA Fire Dept.	3. PHONE #: 213-481-6185	4. EXT:	5. PAG/CELL:
1.a. PERSON REPORTING SPILL (If different from above):				
1. NAME: Brandon Free	2. AGENCY: LA City Fire Dept.	3. PHONE#: 213-415-5486	4. EXT:	5. PAG/CELL:
2. SUBSTANCE TYPE:				
2. a. SUBSTANCE: 1. Crude Oil	b. QTY: (oz) *	Amount 3.5	Measure (Gals)	c. TYPE: PETROLEUM
2.	*			d. OTHER:
3.	*			
4.	*			
e. DESCRIPTION: RP states that what appears to be 3-5 gal of crude oil mixed with water was released at approx 1-3 gal per minute from what is believed to be an underground pipeline, the release is no longer flowing and is under investigation, the release has been diked and is no longer entering the storm drain. It is unknown when the release began. Per NRC=1086914 "A MIXTURE OF PRODUCED WATER AND CRUDE OIL RELEASED FROM A PIPELINE DUE TO AN UNKNOWN CAUSE AT THIS TIME. REMEDIAL ACTIONS: FIRE DEPT. IS ONSCENE AND THE PIPELINE WAS SHUT IN."				
f. CONTAINED: No	g. WATER INVOLVED: Yes	h. WATERWAY: Storm Drain	i. DRINKING WATER IMPACTED No	
j. KNOWN IMPACT Note				
3. a. INCIDENT LOCATION: 1109 South Gessene				
b. CITY: Los Angeles	c. COUNTY: Los Angeles County	d. ZIP:		
4. INCIDENT DESCRIPTION:				
a. DATE: 06/24/2014	b. TIME (MM/Day): 0830	c. SITE: Road	d. CAUSE Unknown	
e. INJURIES #:	f. FATALS #:	g. EVACS #:	h. CLEANUP BY: Fire Dept.	
5. RESPONSIBLE PARTY:				
a. NAME: Pat Gerold	b. AGENCY: Fireport McMeRan	c. PHONE #: 323-298-2441	d. EXT.:	
e. MAIL ADDRESS:	f. CITY:	g. STATE: CA	h. ZIP:	
6. NOTIFICATION INFORMATION:				
a. ON SCENE: Fire Dept.		b. OTHER ON SCENE:		

CDFW / OSPR Initial Actions:



- Additional Notifications
- Site Safety and Source Control
- Establish / Join Incident Command
- Support Local Response
- Limit Response Impacts to Natural Resources
- Determine Roles
- Resource Needs

CDFW / OSPR Incident Coordination:

- Incident Command and Response Transition
- Hand-off from Initial Emergency into Pollution Response
- NIMS Managed Event
- CUPA, Hazmat, Fire, etc. into Support Role
- Pollution Response Designed Command Structure



CDFW / OSPR Sustained Response:



- Unified Command Controlled Incident
- Manage Clean-up Operations
- Contractor Coordination
- Site Safety
- Coordination with Allied Agencies
- Investigation

CDFW / OSPR Event Conclusion



- Cradle-to-Grave Response (ER Only)
- Determine Endpoints
- Document Damages
- Restitution
- Restoration
- Post-Incident Issues
 - After Action Report
 - Prosecution / Civil Litigation



QUESTIONS?