June 1, 2015 Daily Report

(Presenting May 31 Progress and Plans Forward)

Refugio Incident

This daily report addresses elements listed in the *Order for Removal, Mitigation or Prevention of a Substantial Threat of Oil Discharge*. The elements include descriptions of 1) significant developments, 2) work performed, 3) analytical data received, 4) treatment and disposal information, 5) schedule of work, and 6) anticipated problems and planned resolutions. The following attachments contain detailed information pertaining to each listed element:

- **Executive Summary** (describing prior day, May 31)
  - Significant Developments
  - Work Performed
  - Disposal Information

- **CTEH Summary of Environmental Sampling Efforts** (May 31)
  - Analytical Data Received to Date

- **Incident Action Plan** (Effective June 1 06:00 – June 3 06:59)
  - Schedule of Work to be Performed (Form 204)

- **Incident Objectives Form 202** (Effective June 1 06:00 – June 3 05:59)
  - Anticipated problems and planned resolutions

Executive Summary

Incident Command Post (ICP) Santa Barbara relocated today to 495 Fairview Ave, near the Santa Barbara Airport. The Unified Command is comprised of representatives of the U. S. Coast Guard, the U. S. Environmental Protection Agency, California Department of Fish and Wildlife, Santa Barbara County Office of Emergency Management and Plains All American Pipeline. The ICP is currently overseeing operations in Santa Barbara County from Gaviota to Coal Oil Point, 51.70 miles of shoreline, 30 miles of offshore and inland where the response originated. Staging Areas are located at Refugio State Beach, El Capitan East and El Capitan West. Plains All American estimates that the maximum potential release is 101,000 gallons spilled.

The FOSC and the EPA OSC issued and cosigned an administrative order on 27th May 2015 to the responsible party for the removal, mitigation, or prevention of a substantial threat of oil discharge.

Tar ball sightings have been observed on Ventura, Los Angeles, and Orange County beaches. A separate Incident Command Post was established in the South Bay of Los Angeles and Orange Counties to respond to the pollution. The ICP for the Refugio Incident is responding to the Ventura County sightings. Furthermore, Ventura County activated their EOC and has placed a Liaison in the Refugio Incident ICP to help coordinate activities. The Naval Base Ventura County has also provided a liaison to the ICP due to impacts to Point Magu. Samples have been collected at all tar ball sites and will be fingerprinted to determine if there is any correlation to the Refugio Beach Incident.

Current Impacts

- The majority of oiling is located on beaches, cobble, riprap, and on rock faces between Arroyo Hondo and El Capitan Beach. Light oiling has been discovered as far as Point Magu (east) and 2 miles west of Arroyo Hondo (west). These areas have been targeted for manual removal as needed.
- Winds and currents have spread offshore and the leading edge eastward. Oil escaping the near shore zone is being collected by oil recovery vessels.
- Oiled areas onshore threaten sensitive and endangered species habitat areas.

Potential Impacts

- As free-floating oil progressed east, Coal Oil Point, Haskell Beach, Bacara (a 5 star resort) and Goleta Beach were oiled, however it has yet to be verified whether light oiling is from natural seepage or the current discharge. Coal Oil Point is a sensitive habitat for Plovers; Goleta Beach is a popular swimming and water sports location.
- All sensitive areas have been boomed off down to Devereaux slough which has a natural berm for exclusion.
- The pipeline was secured on 19 May 2015. The remaining oil had a potential for further oiling of beaches/wildlife and was mitigated on 20 May 2015. It was estimated the most significant impacts had likely already occurred.

Response Efforts

Waste Management		
Material	**Estimated Daily Total Removed (cubic yards)**	**Estimated Cumulative Total Removed (cubic yards)**
Oiled Sand	90	540
Oiled Vegetation	90	510
Oiled Debris/PPE	30	210
Oiled Soil	0	3,840
Absorbent	0	90

***Numbers reflect utilization of waste management coordinator**

- Onshore:
  - Task forces conducted manual removal of oil waste.
  - Using hand tools, contractors removed oiled soil near the culvert on the southwest side of the railroad tracks.
  - A new section of pipeline was welded into place where the old section had been removed.
  - Work continues on cleaning the culvert area. Lane closures are expected to continue through Friday, June 5th, from 0900 to 1500.
- Shoreline:
  - Clean up continued at work sites; Work crews from Arroyo Quemado-San Bueno Ventura.
  - SCAT Teams dispatched to Ventura County Beaches in response to reports of oiled shoreline.
  - Dive operations were conducted off Refugio State Beach. No recoverable oil was observed, therefore the underwater survey team will be demobilized.
  - 4,580 feet of hard and sorbent boom are being sustained to protect 12 sites that have been identified in the ACP as sensitive.
- On Water:
  - Oil recovery vessels conducted offshore skimming of free floating oil.
  - The assigned 13 vessels and 1 barge continued booming (with both hard and sorbent boom) and skimming operations. 294 gallons of oily water mixture was collected today bringing the cumulative total to 11,915 gallons.

- The on water recovery group continues to sustain 6000 ft of hard and sorbent boom.
- Oil was observed from scheduled NOAA over flights. The area is prone to natural oil seepage and the environmental unit is assessing possible sources and distinction of natural seepage versus oil spilled from this response. In an abundance of caution, skimming operations continue to occur on suspected natural seeps to help minimize potential impact to ongoing shoreline cleanup activities.
- The temporary safety zone remains in place for 6 NM of shoreline from Tajiguas creek to and including El Capitan Beach, extending out 500 yards from the shoreline. In addition, a 100 yard radius temporary safety zone remains in place around all vessels engaged in the recovery operations.

Impact Measurements

	TOTAL Birds			TOTAL Mammals		
Date	Live	Dead	Date Totals	Live	Dead	Date Totals
31-May-15	0	17	17	4	10	14
Cumulative Total	52	50	102	36	30	66

	Shoreline Oiling Categories (miles and %) - Refugio Incident															
Most Recent Survey Date	**Heavy**		**Moderate**		**Light**		**Very Light**		**Tar balls (<1%)**		**No Oil Obs.**		**Background**		**Total Oiled Shoreline**	**Total Surveyed Shoreline**
5/30/2015	2.47	4.8%	18.29	35.4%	14.95	28.9%	3.01	5.8%	1.58	3.1%	3.70	7.2%	7.70	14.9%	40.30	51.70

- Approximately 51.70 miles of shoreline was assessed, of that 2.47 miles was heavily impacted, 18.29 miles was moderately impacted, 14.95 miles was lightly impacted, 3.01 miles was very lightly impacted, 1.58 miles was reported with tar balls, and 3.70 miles was identified with no impact. The total miles of impacted shoreline to date is 40.30 miles.
- Affected beaches border Refugio and Coal Oil Point. Campgrounds in these areas have been and remain closed, campers were evacuated. The state beaches are closed until further notice for Refugio and El Capitan beaches.
- A 23 mile by 7 mile area offshore has been closed to fishing. CA Fish and Wildlife P/B Swordfish remains on scene to enforce fishery closure.
- A 1000 foot temporary flight restriction within a 5 mile radius of Refugio Beach remains in effect until June 6th 2015. An internal incident flight restriction remains in effect within ½ mile or an altitude of 500ft in the vicinity of Coal Oil Point to protect Snowy Plover habitat.

External Affairs

- Analyzed feedback from Community Open House event and top three concerns were:
    - Perception of a delayed/slow response time within first 48 hours.
    - Why no automatic shut-off valve was present on the pipeline.
    - Why environmental/wildlife rehabilitation included use of fresh water during California's drought.
- Approximately 180 people attended yesterday's event as well as media from NPR, National Geographic, and local news outlets. Responses to comments are being drafted and release plans are being made.
- The Community Relations Unit is drafting a proposal for a roundtable discussion with key members/leaders of the Santa Barbara County business community to include the Chamber of Commerce.

Tribal and Elected Officials

- Chumash tribal members continue to be involved / consulted with response providing cultural and archeological guidance and oversight as needed.
- Continued contact with reps from Ventura County Board of Supervisors (county OEM) regarding oiling in Ventura County beaches.
- Awaiting response from Rep. Brownley's staff regarding response efforts in Ventura County. Working with community relations unit on development of roundtable discussion w/ local officials on impacts to Santa Barbara business.

Personnel Involved

- 1028 are engaged in Field Operations.
- 125 personnel checked into the ICP.

CTEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH, LLC

Refugio Incident
Summary of CTEH® Environmental Sampling Efforts
May 31, 2015

As part of response efforts, CTEH® began collecting product and environmental samples, i.e., water and/or sediment, on May 20, 2015. This environmental sampling has been conducted under a Unified Command-approved sampling plan. This report contains environmental sampling efforts completed to date by CTEH® in support of Refugio Incident response efforts. **Table 1**, below, provides a sample count for each type of environmental media collected by CTEH®. **Table 2** provides a summary of TPH[1] data reported in water samples to date. Maps of environmental sampling locations are provided as attachments.

Table 1: Environmental Preliminary Sample Summary
05/20/2015– 05/30/2015

Media	Matrix	Sample Count
Water	Surface Water	81
	Water Column	28
	Culvert/Flush Water	2
Sediment	Beach Sediment[2]	18
	Ocean Sediment[3]	7
Soil	Backfill Soil	6
Petroleum	Product/Tar Ball Sample	29

[2] Beach sediment samples were collected from both the intertidal zone and on dry sand above the intertidal zone.

[3] Ocean sediment samples were collected at the same location as the water column samples.

Table 2: TPH[1] Preliminary Data Summary[4]
05/20/2015– 05/30/2015

		Highest Detection		Most Recent TPH Result Received	
	Location	Date	TPH (mg/L)	Date	TPH (mg/L)
Water Column	D001-S	5/27/2015	0.179	5/29/2015	ND
	D001-M	5/22/2015	0.1	5/29/2015	ND
	D001-D	5/28/2015	0.188	5/29/2015	ND
Surface Water	SW01	5/26/2015	11.9	5/29/2015	4.3
	SW02	5/21/2015	697.111	5/28/2015	0.091
	SW03	5/26/2015	4.9	5/29/2015	ND
	SW04	5/21/2015	5.5	5/29/2015	ND
	SW05	5/25/2015	21.9	5/29/2015	0.057
	SW09	5/25/2015	1.2	5/29/2015	0.267
	SW10	5/21/2015	1.89	5/21/2015	1.89
	SW11	5/22/2015	1.96	5/29/2015	0.072
	SW12	5/29/2015	0.09	5/29/2015	0.09
	SW13	5/28/2015	0.57	5/29/2015	0.086

[4] The data presented within the table is considered preliminary and has not completed the complete QA/QC process.

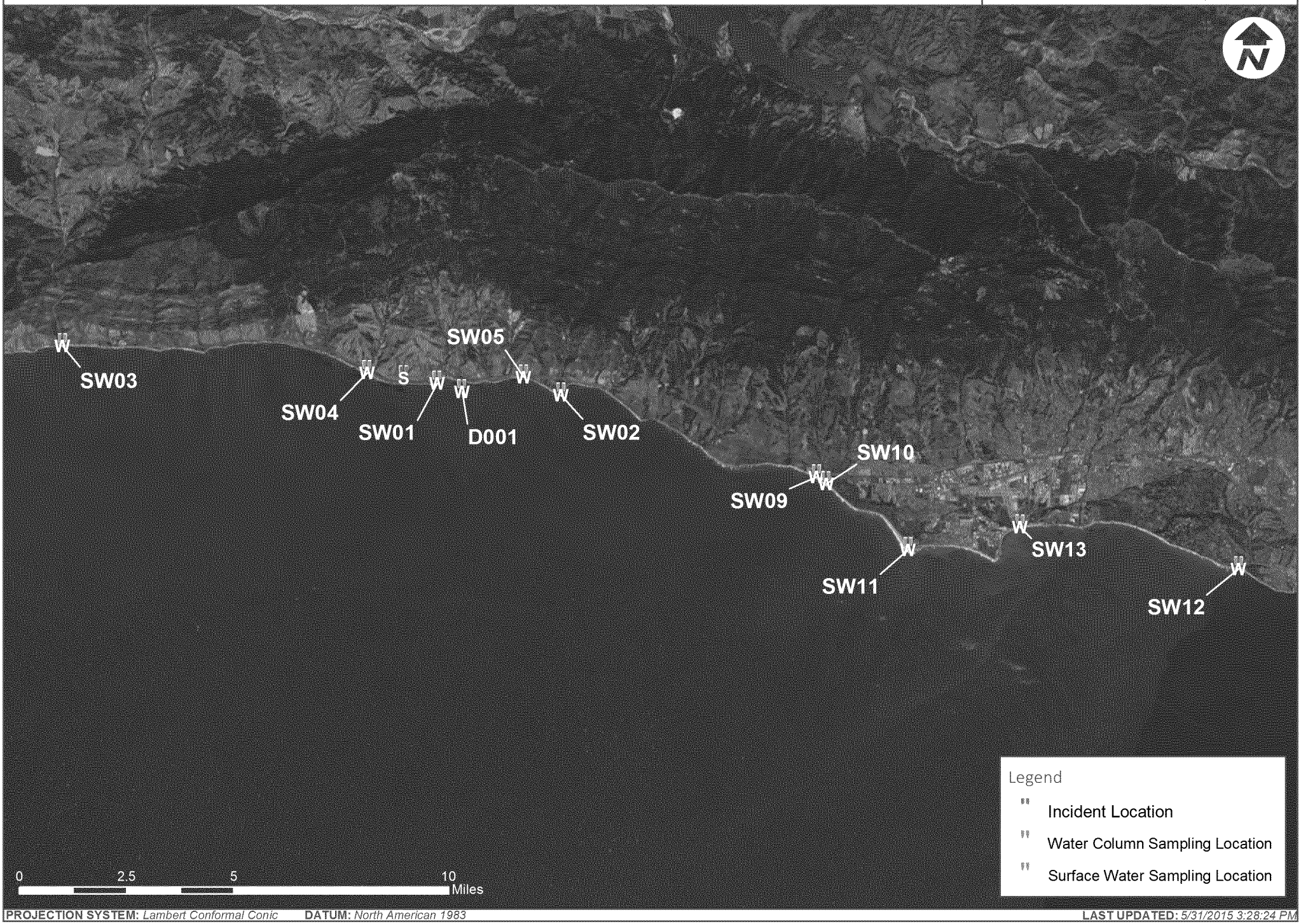
[1] For the purposes of this report, TPH represents a summation of TPH-Oil Range Organics (ORO), TPH-Diesel Range Organics (DRO), and TPH-Gasoline Range Organics (GRO).

CTEH

Water Sampling Locations

Refugio Incident | May 23, 2015 to May 30, 2015

Project: 107292
Client: Plains All American Pipeline
City: Gaviota, CA
County: Santa Barbara

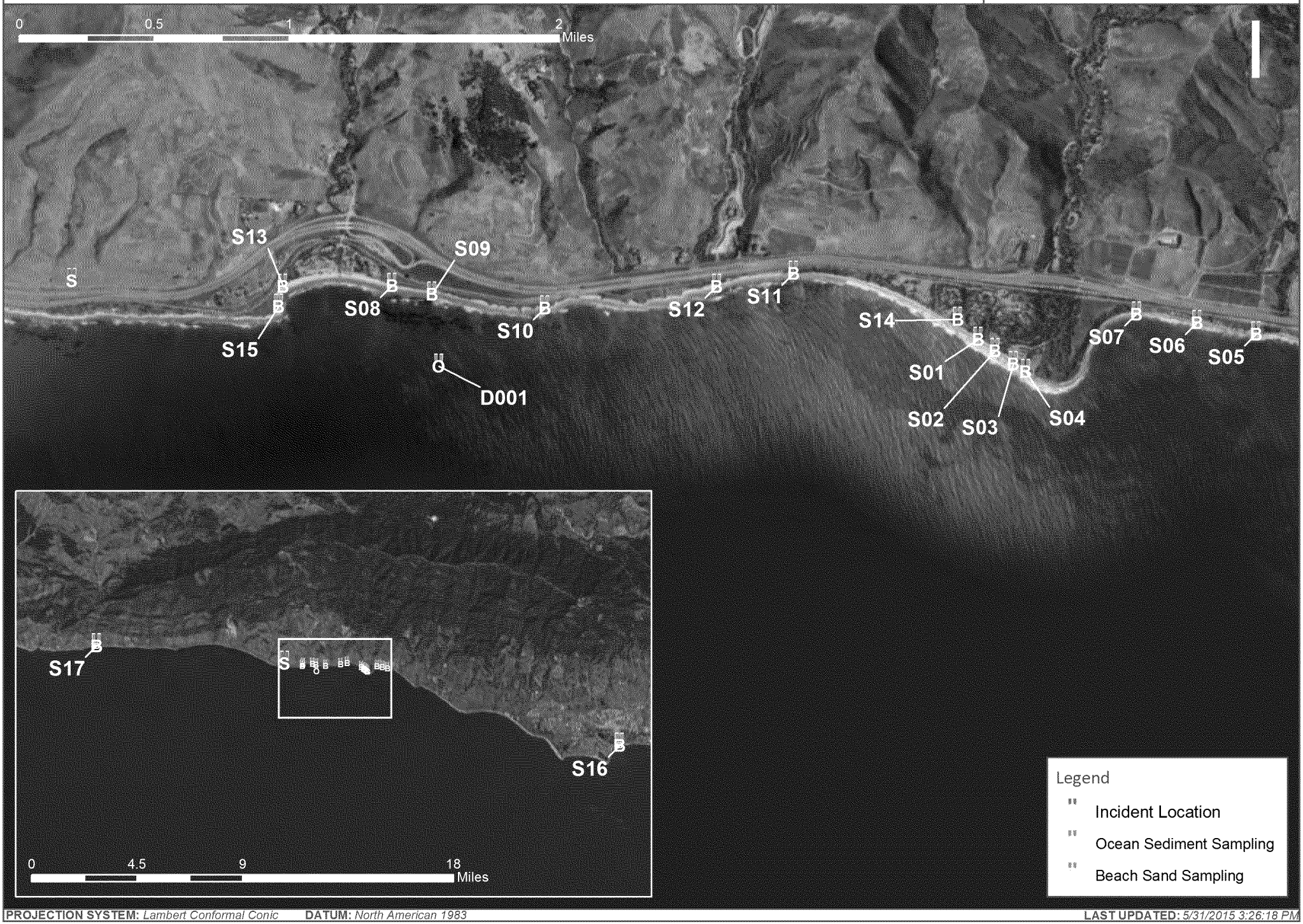


PROJECTION SYSTEM: *Lambert Conformal Conic* **DATUM:** *North American 1983* **LAST UPDATED:** *5/31/2015 3:28:24 PM*

Sediment/Sand Sampling Locations

Refugio Incident | May 20, 2015 to May 30, 2015

Project: 107292
Client: Plains All American Pipeline
City: Gaviota, CA
County: Santa Barbara



PROJECTION SYSTEM: *Lambert Conformal Conic* **DATUM:** *North American 1983* **LAST UPDATED:** *5/31/2015 3:26:18 PM*

ORIGINAL

1. Incident Name	2. Operational Period to be covered by IAP (Date/Time)	Operational Period	CG IAP
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 05:59	Ops Period 11	COVER SHEET

3. Approved by

ORG	Name
USCG	Captain J. Williams CAPT
U.S. EPA	S. Calanog
CAL DFW	~~S. Moe~~ T. ASARI 5-31-15
Plains	P. Hodgins 5/31/15
SBCOEM	R. Troy

INCIDENT ACTION PLAN

The items checked below are included in this Incident Action Plan:

- [x] ICS 202-OS (Response Objectives)
- [x] ICS 203-OS (Organization List) - or - ICS 207-OS (Organization Chart)
- [x] ICS 204-CGs (Assignment Lists) One Copy each of any ICS 204-CG attachments
- [x] ICS 205-CG (Communications Plan)
- [x] ICS 206-CG (Medical Plan)
- [ ] ICS 208-CG (Site Safety Plan) or Note SSP Location Located at CP and Staging Areas
- [x] Map/Chart
- [x] Weather forecast/Tides/Currents

Other Attachments

Incident Picture

ORIGINAL

4. Prepared by	Date / Time
Dan Sobieski DMS	06/31/2015 15:50

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	INCIDENT BRIEFING
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 05:59	Ops Period 11	ICS 202-CG

3. Objective(s)

Ensure the safety of response personnel and the public.

Continue to evaluate the oil impacts
a. At release site
b. Between pipe and beach
c. Beach cleanup
d. Evaluate SCAT

Continue to prevent migration of oil from release site to shoreline

Continue to recover discharged oil from impacted areas, both public and private, and manage waste according to plan.

Continue to ID and protect environmentally sensitive areas

Continue to protect culturally sensitive areas including wildlife

Keep public and stakeholders informed

Minimize economic impacts

Repair pipeline safely

Provide for the recovery and care of oiled wildlife

Differentiate incident oil from other reports of oil.

Demonstrate progress towards endpoints.

4. Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions)

Anticipate problems and plan resolutions

Limitations and Constraints
Tides
Access to beach
Location
Weather System
Permitting with the county and other authorities
Cultural Considerations
Nesting season
Hotel accomodations
Protection of Critical Infrastructure

Ensure continuity of Incident Command Post Operations

All response related media releases require Unified Command approval

Keep Unified Command aware of VIP request

Immediately report any injuries, public or responders, to the Unified Command

Priorities
Safety
Security - **Maintain Situational Awareness**
Wildlife impacts - Notify Unified Command
Discharge quantities
Recovered quantities
Beach open
Source control
Protect cultural resources
Public information dissemination
Establish onshore soil end points - Environmental Unit

Generated by Will O'Brien's

Changes in impacted beaches require that Santa Barbara County Public Health, Dr. Wada, be notified.

Ensure all operations are conducted in accordance with the approved plan

Keep the Unified Command informed of volunteer needs.

Approved Site Safety Plan Located at the SBCOEM with the Safety Officer

Prepared by (Operations Section Chief)	**Date/Time**
kjellison	05/31/2015 15:50

1. Incident Name	2. Operational Period (Date/Time)	INCIDENT ORGANIZATION
Refugio	From: 8/1/2015 06:00 To: 8/3/2105 06:00	CHART ICS 207-CG

INCIDENT COMMAND

FOSC: USCG, Capt. J. Williams
310-707-7381
FOSC: US EPA, S. Calanog 415-595-8350

SOSC: CDFW, Todd Ajan
707-322-4300
LOSC: ~~SB OEM R. Troy 805-681-5524~~
M. Dyer / D. Patterson

RPIC: Patrick Hodgins 281-467-3658
DRPIC: Tom Haug 562-217-3511

SB OEM
R. Rockabrand 805-330-5080
M. Dyer 805-681-5526
D. Patterson 805-696-1191
R. Troy

PUBLIC INFORMATION OFFICER
Alexia Retallack 916-952-3317

SAFETY OFFICER
Jerry Green 932-638-3172

LIAISON OFFICER
D. Gregory 714-642-3496

SECURITY OFFICER
Ken Houston 405-250-1882

COMMUNITY RELATIONS
Tim Tamargo
409-370-7400

INVESTIGATORS

OSPR
J. Victoria
310-413-6533

AGENCY REPS.
J. Stout 206-321-3320

PLANNING SECTION CHIEF
Dan Sobieski 714-342-6358
B. Geraghty (D) MO 217-0791
J. Litzenger (D) 843-822-1491

OPERATIONS SECTION CHIEF
C. Gregory 702-802-1848
A. Geyer (D) 415-720-4169
J. Victoria (D) 310-413-6533

LOGISTICS SECTION CHIEF
Jon MacArthur 623-229-8875
Jeff Fridlund (D) 805-857-4764

Supply Unit Leader
Karen Marvin 562-756-2575

Supply Unit
Ashley Saavedra
Kathy Randall
Shawn Schwarz
George Gooch
George Dieatrick

FINANCE SECTION CHIEF
Brian Bryd 601-467-5266
Ruben Reedan 562-843-2560
Jim Jacoby 562-355-2409

ICS-207-CG (Rev. 09/04)

1. Incident Name	2. Operational Period (Date/Time)	INCIDENT ORGANIZATION CHART
Refugio	From: 6/1/2015 06:00 To: 6/3/2105 06:00	ICS 207-CG

Operations Section
Chief: C. Gregory – 702-802-1849
Deputy: J. Hernandez
Deputy: J. Victoria

Staging Area Manager
M. Rudley
D. Ramos

Wildlife Branch
L. Henkel
831-212-7665
M. Ziccardi
530-979-7361

Recovery
K. Parker
530-979-7690

Field Stabilization
N. Anderson
530-771-7028

Care & Processing
C. Florello
530-979-6099
E. Olpan
519-954-8185

Reconnaissance
L. Henkel
831-212-7665

DECON Group
Jeff Fry
805-896-6789

Port Hueneme
Walt Dorne
562-244-2205

Ventura
Alex Lopez
562-244-2248

T&T Yard
Charlie Roth
562-244-4165

On-Water Group
Kyle Hanson
805-455-5502

Task Force 4
Mark Wrobel
310-613-2566

Task Force 3
Bobby Reed
805-765-9088

Task Force 2
Peter Foss
805-765-9087

Recovery Branch
Jason Bergeron
281-414-7742
Don Murphy
316-896-7348

Division I/J
Curt Johnson
774-238-2660

Division K/L
Steve Cadenhead
850-605-6046

Division M/N/O/P
Josh Vetters
979-665-6355

Division V-D/E
Peter Gardner
206-914-5131

Protection
R. Delgado
562-244-4408

Pipeline Group
Donit Zuroski
415-971-6829

Culvert TF
Donit Zuroski
415-971-6829

Excavation TF
Donit Zuroski
415-971-6829

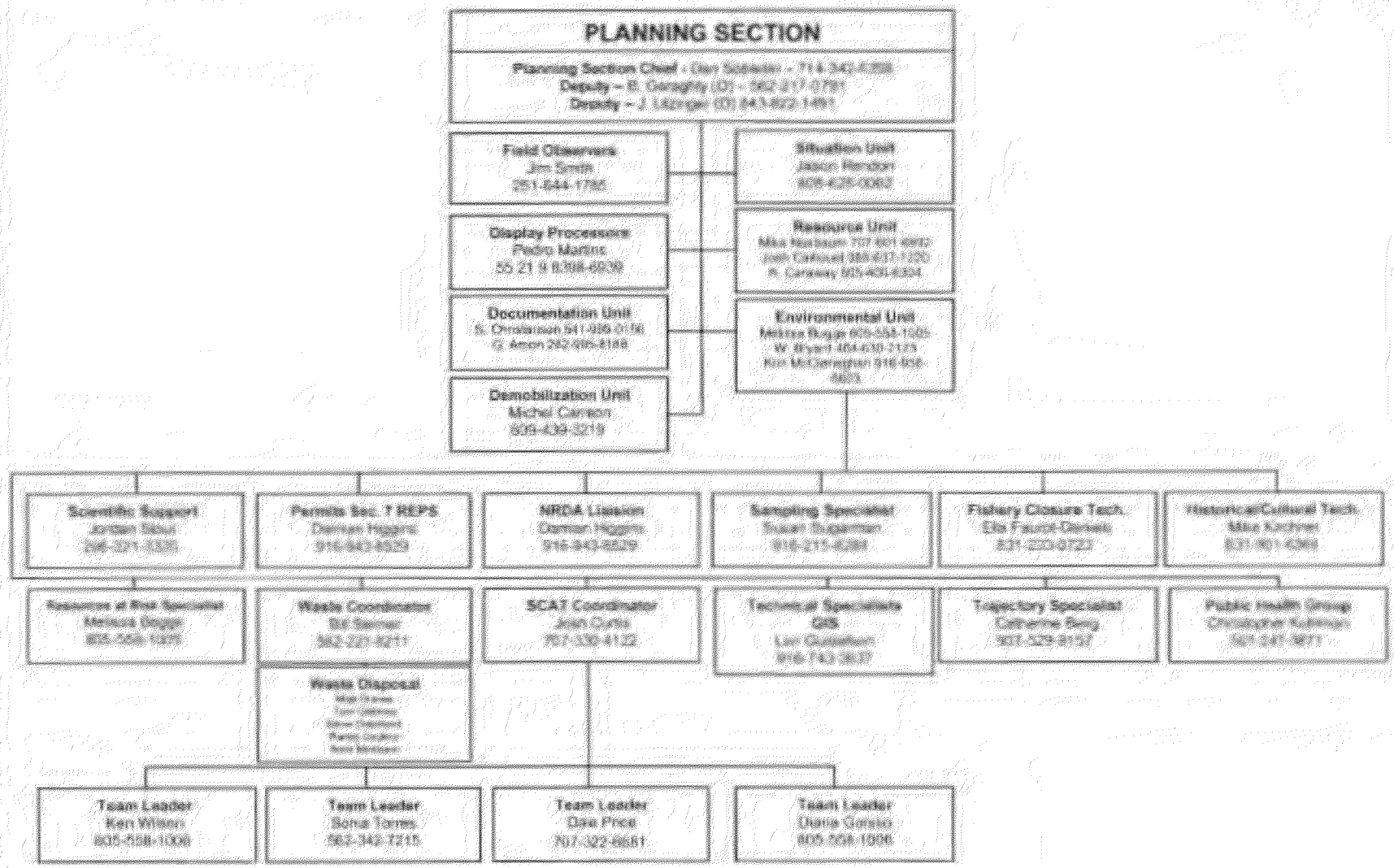
Section 4 TF
Carlos Sanchez
510-915-4052

Law/Security Group
B. Holmstead

Air Operations Branch
Kyle Jellison
954-218-4935

Submerged Oil Group
Kyle Watson
206-963-8138
Jacqueline Michel
803-513-5650

1. Incident Name	2. Operational Period (Date/Time)	INCIDENT ORGANIZATION
Refugio	From: 6/1/2015 06:00 To: 6/3/2105 06:00	CHART ICS 207-CG



ICS-207-CG (Rev. 09/04)

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 05:59	Ops Period 11	ICS 204-CG

3. Branch	4. Division/Group/Staging
Wildlife Branch	Wildlife Recovery Group
Task Force/Strike Team	**Team**

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Chris Gregory	Witt O'Brien's	702-802-1849
Branch Director	Laird Henkel	(CA DFW-OSPR)	831-212-7665
Division/Group Supervisor/STAM	Mike Ziccardi	(CA DFW-OSPR)	530-979-7561

6. Resources Assigned

'X' indicates 204a attachment with additional instructions

Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contacts	# Of Persons	Notes	
1 (each)	Wildlife Recon Team	L.Henkel	831-212-7665	1	See work assignment and special instructions	X
1 (each)	Field Stabilization Team	N.Anderson	530-771-7028	6	See work assignment and special instructions	
1 (each)	Transport Team	S. Herman	530-979-6099	4	See work assignment and special instructions	
1 (each)	Care/Processing Team - Birds	C. Fiorello	530-979-0380	11	See work assignment and special instructions	
1 (each)	Care/Processing Team - Mammals	E. Organ	619-954-8185	14	See work assignment and special instructions	
1 (each)	Stabilization Facilities/Trailers			2		
1 (each)	Care Facility			2		
1	Wildlife Recovery	K. Mills-Parker	530-979-7690	13	See work assignment and special instructions	

7. Work Assignments

Wildlife Recon. Team - Collect real time data on animals at risk and staff the Wildlife Hotline.
Wildlife Recovery Teams - Coordinate and supervise recovery of live and dead oiled wildlife in assigned Divisions and in response to reports.
Transport - Coordinate and supervise transport of collected animals between Recovery, Field Stabilization and Care Teams.
Field Stabilization - Provide first aid to live captured animals prior to transport to primary care centers.
Care/Processing - Document oiling status , conduct intake examinations , necropsy dead animals, provide pre-wash care , clean oil from affected animals, return animals to normal function, and release in clean environment.

8. Special Instructions

Attend morning safety and planning briefing. Immediately report any injury to supervisor and complete an injury report form.. *Personnel must have completed 24-hour HAZWOPER training and OWCN Wildlife Recovery Levels 1 and 2, at minimum.

Instructions for Dead Wildlife and Natural Resource Protection

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

SAFETY MESSAGE
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	05/31/2015 15:23	D. Sobeski	05/31/2015 16:00	Chris Gregory	05/31/2015 16:00

Generated by Witt O'Brien's

HISTORICAL/CULTURAL GUIDELINES

- **Leave cultural materials in place at the site of discovery, and mark its location.**
- **Stop clean-up work in the vicinity surronding the site, within a 6ft radius.**
- **Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.**

Report All Injuries require a immediate notification to Direct Supervisor.

Animal carcasses that have orange flagging indicates that no further action is needed. These flagged animals hae already been assessed and reported.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager

Emergency Communications

Medical: **Evacuation:** **Other:**

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	05/31/2015 15:23	D. Sobieski	05/31/2015 18:00	Chris Gregory	05/31/2015 18:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 06/01/2015 08:00 To 06/03/2015 05:59	Ops Period 11	ATTACHMENT ICS 204a

3. Branch	4. Division/Group/Staging	
Wildlife Branch	Wildlife Recovery Group	
5. Strike Team/Task Force/Resource(Identifier)	**6. Leader**	**7.Assignment Location**
Team	**Team Leader**	

8. Work Assignment Special Instructions Special Equipment/Supplies Needed for Assignment

WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES

Habitat-specific Measures
These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.

Marine
• Avoid entering kelp beds as much as possible.
• Avoid boat traffic traveling near or through flocks of seabirds resting in the water.
• Have a wildlife monitor present on all boats.
• No spill response activities should take place within 1,000 feet of nesting seabirds.
• If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted.
Riparian
• Avoid entering wetted areas as much as possible.
• Avoid disturbing vegetation as much as possible.
• The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.
• During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.
• Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.
• Response activities should avoid or minimize changes in channel morphology.
• No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval.
• Any listed plant species should be flagged and avoided.
• For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.

Sandy Beach/Dune
• Avoid entering vegetated dune habitat as much as possible.
• If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.
• Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).
• Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.
• Manual oil removal techniques should be used as much as possible.
• All trash or anything that would attract wildlife to the work area should be removed on a daily basis.
• Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.
• For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.

Tidewater goby
• Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.
• If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.
• Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.
• Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
• If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.
• Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
• Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/ minimization measures to be implemented during the response.

9. Communications (radio and/or phone contact numbers needed for this assignment)

☐

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	05/31/2015 15:23	D. Sobieski	05/31/2015 18:00	Chris Gregory	05/31/2015 18:00

Generated by Wiki Offices

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 05/01/2015 06:00 To 05/03/2015 05:59	Ops Period 11	ICS 204-CG

3. Branch	4. Division/Group/Staging
	Decon Group
Task Force/Strike Team	Team

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Chris Gregory	Witt O'Brien's	702-802-1849
Branch Director			
Division/Group Supervisor/STAM	Jeff Fry	USCG	805-896-6789

6. Resources Assigned

"X" indicates 204a attachment with additional instructions

Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes
40	Decon Personnel	Alex Lopez	562-244-2248	0	Ventura Harbor - Redeployed due to Tuna Festival
45 (each)	Decon Personnel	Charlie Rolfi	562-244-4165	0	T & T Yard Ventura
2 (each)	Portable Generators - 85kw generators - T&T Yard			0	
1 (each)	Office Trailer - 12' x 36' mobil office trailer - T&T Yard			0	
1 (each)	Decon Pool			0	
2 (each)	Vac Truck			0	
1 (each)	Roll Off Truck			0	
6	Gear Trucks			0	
6	Pick-up Trucks			0	
1 (each)	Wench Truck			0	
5 (each)	Vans			0	Includes box vans
1	Water Truck			0	
2 (each)	Response Personnel - Staff members to support decon @ Ventura & T&T			0	
6 (each)	Frac Tanks			0	
1 (each)	Equipment Trailer - 53' Box Van Trailer - T&T Yard			0	
20 (each)	Decon Personnel	Walt Dorn	562-244-2205	0	Port Hueneme
1 (each)	Hot Oil Truck			1	T&T Yard

7. Work Assignments

Port Hueneme - Gross decon of Primary Vessel, Remove Equipment

Ventura Harbor - Haul out and final decon of vessels (24hr operation)

T & T Yard Ventura- Final cleaning of gear and ancilary equipment. (24 hr operation)
Provided necessary personnel equipment and materials to complete decon in accordance with the decon plan approved by the Unified Command.

8. Special Instructions

Volunteers 1-800-228-4544
Claims: 866-753-3619
Public Affairs/JIC: 805-696-1186
State Park Law Enforcement: 951-443-2969
Sheriff's Dispatch: 805-682-5743

Instructions for Dead Wildlife and Natural Resource Protection:

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 19:30	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

Wildlife Hotline at 877-823-6926

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

On Water: Avoid entering kelp beds as much as possible. Avoid boat traffic traveling near or through flocks of seabirds resting on water, stay 1000 ft away from nesting seabirds. If sea otter is observed keep clear and call Mike Harris immediately. 831-212-7090

SAFETY MESSAGE
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

All PPE shall be worn in accordance with the Site Specific JHA and Site Safety Plan.

HISTORICAL/CULTURAL GUIDELINES

Leave cultural materials in place at the site of discovery, and mark its location.

* Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
* Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

HAZARD MITIGATION
All personnel operating in a restricted area shall wear appropriate PPE (Minimum of Tychem,face shield, neoprene gloves and rubber boots are required for workers performing pressure wash ops).
Respiratory protection may be required to be used by all personnel base on continous air montoring readings.
All personnel are reminded to stay hydrated and to take breaks as needed.
Notify Assistant Safety Officer if safety issues arise.
Workers should be cautious of slick surfaces and presurized lines that may be present during decon ops.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Alex Lopez - Ventura Harbor		562-244-2248	
Walt Dome - Port Hueneme		562-244-2205	
Charlie Roth - T&T Yard Ventura		562-244-4165	

Emergency Communications

Medical: **Evacuation:** **Other:**

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 19:30	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 06/01/2015 06:00 To 06/02/2015 05:59	Ops Period 11	ICS 204-CG

3. Branch	4. Division/Group/Staging
	On-Water Group
Task Force/Strike Team	Team

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Chris Gregory	Witt O'Brien's	702-802-1849
Branch Director			
Division/Group Supervisor/STAM	Kyle Hanson	Clean Seas	805-455-5502

6. Resources Assigned — "X" indicates 204a attachment with additional instructions

Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes	
1 (each)	Task Force #3 (Ocean Sentinel)	Bobby Reed	805-765-9088	13	TF 3: F/V Bonny Marietta, F/V Nicky J, W/B Oregon, W/B Comet	X
1 (each)	Task Force #4 (DB San Diego, Tug Tillet)	Bob Allen	619-981-2480	14	OSV John Henry, Theory, Raven, W/B DB San Diego & A.N. Tillet, LCV Christopher G	X
1 (each)	Strike Team #2	Kyle Hanson	805-455-5502	0	M/V Timber Wolf, M/V Scauppin	X
1 (each)	Strike Team #3	Larry Smith	805-233-0875	0	M/V V968, M/V Victoria	X
1 (each)	Landing Craft Christopher G			0		X

7. Work Assignments

Task Force # 3
- Contain and recover free floating oil. Surveillance Helo (Air control #1) to direct offshore booming and recovery operation in a South to North configuration.
-Helo #1 will direct skimming operations in the nearshore areas to minimize oil impacting the shoreline.
-Task Force and Helo command and control will maximize oil encounter utilizing boom tow vessels. All boom boats secured at 2000 to Ventura.
-Vessel will recover available free floating oil.

Task Force #4
Pull 600 feet of ocean boom in "U" configuration to collect free floating oil.
Offshore barge to anchor and provide food and mooring.
Provide maintenance and logitics for all on water assets.

Deploy snare, use anchor system to secure in place. (Snare deployed 75 feet off of shoreline)

8. Special Instructions

SAFETY MESSAGE
All personnel operating on the beach and vessels shall wear appropriate PFD.
PPE: Tyvek, Hard hats, Nitrile gloves, Booties, Safety glasses.
All personnel are reminded to stay hydrated and take breaks as necessary.

-Site Safety Plan will be distributed via Ocean Sentinel on-scene. Offshore Response Team Member Report any distressed Wildlife to On Water Group Leader Kyle Hanson @ 805-455-5502. Skimming vessels to off-load recovered product to the OCEAN KEEPER.
-Helo to direct boom tows to maximize encounter rates for skimmers (TF#2 OCEAN DEFENDER / TF#3 OCEAN SENTINEL)
-Direct all media inquiries to the PIO.
-Use of unauthorized Social Media is strictly prohibited.
During this operational period the Operational Section Chief may direct certain Vessels be removed from deployment for the pupose of decontamination and eventual demob

Instructions for Dead Wildlife and Natural Resource Protection:

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hot Line at 877-823-6726

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Steve Browne	05/31/2015 14:22	Dan Sobiesk: DS	05/31/2015 19:00	Chris Gregory CG	05/31/2015 19:00

Generated by Witt O'Brien's

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

On Water: Avoid entering kelp beds as much as possible. Avoid boat traffic traveling near or through flocks of seabirds resting on water, stay 1000 ft away from nesting seabirds. If sea otter is observed keep clear and call Mike Harris immediatly. 831-212-7090

Leave cultural materials in place at the site of discovery, and mark its location.

- Stop clean-up work in the vicinity surronding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
All TFs	Marine VHF Channel 10 and 16		

Emergency Communications

Medical:	Evacuation:	Other:

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Steve Browne	05/31/2015 14:22	Dan Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

1. Incident Name	2. Operational Period (Date/Time)		Operational Period	Assignment List
Refugio Incident	From 06/01/2015 06:00	To 06/03/2015 05:59	Ops Period 11	ICS 204-CG

3. Branch	4. Division/Group/Staging
Recovery Branch	Division B,J
Task Force/Strike Team	Team

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Chris Gregory	Witt O'Brien's	702-802-1849
Branch Director	Jason Bergeron	Witt O'Brien's	281-414-7742
Division/Group Supervisor/STAM	Curt Johnson	Witt O'Brien's	774-238-2600

6. Resources Assigned

'X' indicates 204a attachment with additional instructions

Qty x Size (Dwg)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Staging	
1 (each)	Double Barrel Team 1	Terrence Woods	424-344-9080	45	Taigas	X
1 (each)	OMI Team 1	David McCoy	409-350-0274	50	Refugio South	X
1 (each)	OMI Team 2	Kevin Jones	337-962-4329	28	Refugio South	X
1 (each)	OMI Team 3	Pilar Saraba	561-379-2830	30	Refugio North	X
1 (each)	OC Vacuum Hot Shot 1	Chris Loza		25	Refugio North	X
1 (each)	OMI Team 4	Keith Long	985-637-6086	10	141100 Quemato Lane	X
1 (each)	West Coast Environmental Team 2			6	Refugio North	X
1 (each)	NRC Team 2	TBD	TBD	14		

7. Work Assignments

Conduct shoreline clean-up as directed as per SCAT Methodology.

When beaches have been cleaned to Phase 1 criteria, written confirmation is required by SCAT on their POM form.

Double Barrel Team 1 - Taigus
OC Vacuum 1 - Refugio North
West Coast Environmental Team 2
OMI Team 1 - Refugio South
OMI Team 2 - Refugio South
OMI Team 3- Refugio North
OMI Team 4 - 14100 Quemado Lane
NRC Team 2 - The Culvert

Any deceased animals other than Endangered Birds or Sea Mammals found while working shall be bagged and disposed of in the designated bins. (Refugio and El Capitan)

8. Special Instructions

All personnel are reminded to keep hydrated and take rest breaks with a 50/10 work rest ratio. PPE: Tyvek suits, gloves, safety glass, neoprene boots. Avoid walking near waterways if possible PFD's must be worn if the potential for drowning exists.

Instructions for Dead Wildlife and Natural Resource Protection.

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 18:22	D. Sobieski	05/31/2015 19:30	Chris Gregory	05/31/2015 19:00

Generated by Witt O'Brien's

SAFETY MESSAGE

PPE: Tyvek suits, gloves, safety glass, neoprene boots. Avoid walking near waterways if possible. PFD's must be worn if the potential for drowning exists.

All personnel are reminded to keep hydrated and take rest breaks with a 50/10 work rest ratio.

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

Report All injuries require a immediate notification to Direct Supervisor.

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Emergency Communications			

Medical: **Evacuation:** **Other:**

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 18:22	D. Sabeski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 05/01/2015 06:00 To 05/02/2015 05:59	Ops Period 11	ATTACHMENT ICS 204a

3. Branch	4. Division/Group/Staging	
Recovery Branch	Division IU	
5. Strike Team/Task Force/Resource(Identifier)	**6. Leader**	**7.Assignment Location**
Team	**Team Leader**	

8. Were Assignment Special Instructions Special Equipment/Supplies Needed for Assignment

WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES

Habitat-specific Measures
These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.

Marine
* Avoid entering kelp beds as much as possible.
* Avoid boat traffic traveling near or through flocks of seabirds resting in the water.
* Have a wildlife monitor present on all boats.
* No spill response activities should take place within 1,000 feet of nesting seabirds.
* If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted.

Riparian
* Avoid entering wetted areas as much as possible.
* Avoid disturbing vegetation as much as possible.
* The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.
* During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.
* Vegetation should be hand trimmed to remove affected portions as necessary, roots should be left in place.
* Response activities should avoid or minimize changes in channel morphology.
* No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval.
* Any listed plant species should be flagged and avoided.
* For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.

Sandy Beach/Dune
* Avoid entering vegetated dune habitat as much as possible.
* If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.
* Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).
* Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.
* Manual oil removal techniques should be used as much as possible.
* All trash or anything that would attract wildlife to the work area should be removed on a daily basis.
* Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.
* For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.

Tidewater goby
* Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.
* If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.
* Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.
* Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
* If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.
* Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
* Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/ minimization measures to be implemented during the response.

Least Bell's vireos and/or southwestern willow flycatchers
* Disturbance of riparian vegetation should be avoided as much as possible.
* A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 18:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

SAFETY MESSAGE

PPE: Tyvek suits, gloves, safety glass, neoprene boots. Avoid walking near waterways if possible. PFD's must be worn if the potential for drowning exists.

All personnel are reminded to keep hydrated and take rest breaks with a 50/10 work rest ratio.

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

Report All Injuries require a immediate notification to Direct Supervisor.

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Emergency Communications			
Medical:	**Evacuation:**	**Other:**	

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 18:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

ASSIGNMENT LIST 05/31/2015 19:06 ICS 204-CG (Rev 10/07)

Generated by: [illegible]

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From: 06/01/2015 06:00 To: 06/03/2015 05:59	Ops Period 11	ICS 204-CG

3. Branch	4. Division/Group/Staging
Recovery Branch	Division K/L
Task Force/Strike Team	**Team**

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Chris Gregory	Witt O'Brien's	702-802-1849
Branch Director	Jason Bergeron	Witt O'Brien's	281-414-7742
Division/Group Supervisor/STAM	Steve Cadenhead	Witt O'Brien's	850-605-6046

6. Resources Assigned

'X' indicates 204a attachment with additional instructions

Qty & Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes	
1 (each)	CRA Team 2	James Felton	501-353-3523	23	Clean-up Techs with 6 NRC supervisors	X
1 (each)	Ponder Team 1	Carlos Sanchez	510-915-4052	83	El Capitan	X
1 (each)	CA Conservation Core Team			17	17 personnel including supervisors	X
1 (each)	CRA Team 1	Nick Grecko	516-650-6842	45	Las Flores	X
1 (each)	Ponder Team 2	Carlos Diaz	310-345-3185	9	Tide Pools at El Capitan	X
1 (each)	Santa Barbara Fire Team	Darren Mall	805-696-6352	24	Las Varas Ranch	

7. Work Assignments

Conduct shoreline clean-up as directed per the SCAT Methodology.
When beaches have been cleaned to Phase 1 criteria, written confirmation is required by SCAT on their POM form.

Ponder Team 1 conduct operations at El Capitan Beach.
Ponder Team 2 conduct operations at Tide Pools at El Capitan Beach.
CRA Team 1 conduct operations at Las Flores.
CRA Team 2 conduct operations at Las Flores.
Santa Barbara Fire Team and CA Conservation Core Team conduct operations at Las Varas Ranch.

Use of SaveSorb

SaveSorb will not be broadcast loose over a broad area of boulders and terraces selected for cleaning. SaveSorb will be applied to just each surface being treated in a manner the minimizes drifting of product away from the surface. SaveSorb will be pressed into the oil by hand, allowing a brief period for sorption, then scrubbed with a brush to remove the oil plus the SaveSorb. Oiled SaveSorb that results from brushing will be disposed of properly.

Clean SaveSorb that falls to the bottom of the boulder can be collected and reused.

Boulders and terraces selected for treatment will not be those in the lower intertidal that have encrusting organisms.

Rocks should be cleaned to the point where there is only a non-sticky stain remaining.

An ART Technical Specialist can be provided to monitor initial use of this product to assure it is meeting operational guidelines.

Tribal and State Parks representatives should be invited to view initial application and operations.

Any deceased animals other than Endangered Birds or Sea Mammals found while working shall be bagged and disposed of in the designated bins (Refugio and El Capitan).

8. Special Instructions

Instructions for Dead Wildlife and Natural Resource Protection.

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 15:22	D. Sobeski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

SAFETY MESSAGE
All personnel are reminded to keep hydrated and take rest breaksat a work/rest ratio of 50/10. PPE: Tyvek suits, gloves, safety glass, neoprene boots. Type 5 PFDs are required when operating in or near water
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

Report All Injuries require a immediate notification to Direct Supervisor.

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surronding the site, within a 8ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Emergency Communications			

Medical: **Evacuation:** **Other:**

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 15:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 05:59	Ops Period 11	ATTACHMENT ICS 204a

3. Branch	4. Division/Group/Staging	
Recovery Branch	Division K/L	
5. Strike Team/Task Force/Resource(Identifier)	**6. Leader**	**7.Assignment Location**
Team	**Team Leader**	

8. Work Assignment Special Instructions,Special Equipment/Supplies Needed for Assignment

WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES

Habitat-specific Measures
These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.

Marine
• Avoid entering kelp beds as much as possible.
• Avoid boat traffic traveling near or through flocks of seabirds resting in the water.
• Have a wildlife monitor present on all boats.
• No spill response activities should take place within 1,000 feet of nesting seabirds.
• If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted.
Riparian
• Avoid entering wetted areas as much as possible.
• Avoid disturbing vegetation as much as possible.
• The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.
• During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.
• Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.
• Response activities should avoid or minimize changes in channel morphology.
• No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval.
• Any listed plant species should be flagged and avoided.
• For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.

Sandy Beach/Dune
• Avoid entering vegetated dune habitat as much as possible.
• If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.
• Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).
• Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.
• Manual oil removal techniques should be used as much as possible.
• All trash or anything that would attract wildlife to the work area should be removed on a daily basis.
• Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.
• For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.

Tidewater goby
• Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.
• If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.
• Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.
• Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
• If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.
• Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
• Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/ minimization measures to be implemented during the response.

Least Bell's vireos and/or southwestern willow flycatchers
• Disturbance of riparian vegetation should be avoided as much as possible.
• A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 15:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
• Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
• If vegetation removal is required, roots should be left in place as much as possible.
• A qualified biologist should be present as much as possible during activities that impact suitable habitat.

California least tern and/or Western snowy plover
• All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented.
• A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided.
• Any work required within nesting areas should be accompanied by a qualified biologist.
• A qualified biologist should identify and demarcate access and egress routes.
• The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission.
• All activities near nests or chicks should occur on the lower beach (wet sand), if possible.
• Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions.
• If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand), if possible. If it is not possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach.
• The amount of wrack, shells, and natural debris removed from the beach should be minimized. If shoreline pre-cleaning is necessary, debris should be stockpiled in an appropriate location (avoiding nesting locations) and returned to the beach after the threat of oil is gone, to the extent practical.

9. Communications (radio and/or phone contact numbers needed for this assignment)

☐ **Map/ Chart**	☐ **Weather Forecast/Tides/Currents**	☐
☐	☐	☐

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 15:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 06:59	Ops Period 11	ICS 204-CG

3. Branch	4. Division/Group/Staging
Recovery Branch	Division M/N/O/P
Task Force/Strike Team	**Team**

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Chris Gregory	Witt O'Brien's	702-802-1849
Branch Director	Jason Bergeron	Witt O'Brien's	281-414-7742
Division/Group Supervisor/STAM	Josh Velters	Witt O'Brien's	979-665-8355

6. Resources Assigned

'X' indicates 204a attachment with additional instructions

Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contacts	# Of Persons	Notes
1 (each)	NRC Hot Shot #3	TBD	TBD	20	X
1 (each)	Double Barrel Team #3	Eric Navarette	951-285-2685	10	

7. Work Assignments

Conduct shoreline clean up as directed in accordance with SCAT methodology.

When beaches have been cleaned to Phase 1 criteria, written confirmation is required by SCAT on their POM form.

Clean Harbors Team 1 - UCSB Coal Oil Point Operation on Hold for weekend as per UCSB request
West Coast Environmental Team 2 - Haskell Beach behind Bacara Resort. **Work on hold for the weekend as per the request of The City of Goleta.**

Crews to be redeployed as conditions dictate.

Any deceased animals other than Endangered Birds or Sea Mammals found while working shall be bagged and disposed of in the designated bins (Refugio and El Capitan)

8. Special Instructions

Instructions for Dead Wildlife and Natural Resource Protection

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

SAFETY MESSAGE

All personnel are reminded to keep hydrated and take rest breaks at a 50/10 work/rest ratio. PPE: Tyvek suits, gloves, safety glass, neoprene boots.
Avoid walking near waterways.
PFD's must be worn if the potential for drowing exists.
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

Report All Injuries require a immediate notification to Direct Supervisor.

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 15:22	D. Sobeski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Emergency Communications			

Medical:	Evacuation:	Other:

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 15:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 05:59	Ops Period 11	ATTACHMENT ICS 204a

3. Branch	4. Division/Group/Staging	
Recovery Branch	Division M/N/O/P	
5. Strike Team/Task Force/Resource(identifier)	**6. Leader**	**7.Assignment Location**
Team	**Team Leader**	

8. Work Assignment Special Instructions,Special Equipment/Supplies Needed for Assignment

WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES

Habitat-specific Measures
These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.

Marine
• Avoid entering kelp beds as much as possible.
• Avoid boat traffic traveling near or through flocks of seabirds resting in the water.
• Have a wildlife monitor present on all boats.
• No spill response activities should take place within 1,000 feet of nesting seabirds.
• If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted.
Riparian
• Avoid entering wetted areas as much as possible.
• Avoid disturbing vegetation as much as possible.
• The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.
• During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.
• Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.
• Response activities should avoid or minimize changes in channel morphology.
• No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval.
• Any listed plant species should be flagged and avoided.
• For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.

Sandy Beach/Dune
• Avoid entering vegetated dune habitat as much as possible.
• If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.
• Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).
• Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.
• Manual oil removal techniques should be used as much as possible.
• All trash or anything that would attract wildlife to the work area should be removed on a daily basis.
• Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.
• For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.

Tidewater goby
• Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.
• If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.
• Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.
• Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
• If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.
• Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
• Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/ minimization measures to be implemented during the response.

Least Bell's vireos and/or southwestern willow flycatchers
• Disturbance of riparian vegetation should be avoided as much as possible.
• A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 15:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

Generated by WIN O'Brien's

season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
• Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
• If vegetation removal is required, roots should be left in place as much as possible.
• A qualified biologist should be present as much as possible during activities that impact suitable habitat.

Least Bell's vireos and/or southwestern willow flycatchers
• Disturbance of riparian vegetation should be avoided as much as possible.
• A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
• Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
• If vegetation removal is required, roots should be left in place as much as possible.
• A qualified biologist should be present as much as possible during activities that impact suitable habitat.

California least tern and/or Western snowy plover
• All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented.
• A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided.
• Any work required within nesting areas should be accompanied by a qualified biologist.
• A qualified biologist should identify and demarcate access and egress routes.
• The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission.
• All activities near nests or chicks should occur on the lower beach (wet sand), if possible.
• Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions.
• If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand), if possible. If it is not possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach.
• The amount of wrack, shells, and natural debris removed from the beach should be minimized. If shoreline pre-cleaning is necessary, debris should be stockpiled in an appropriate location (avoiding nesting locations) and returned to the beach after the threat of oil is gone, to the extent practical.

9. Communications (radio and/or phone contact numbers needed for this assignment)

☐ **Map/ Chart**	☐ **Weather Forecast/Tides/Currents**	☐
☐	☐	☐

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 15:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

Generated by WM O'Brien's

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 06:59	Ops Period 11	ICS 204-CG

3. Branch	4. Division/Group/Staging
Recovery Branch	Division V-D/E
Task Force/Strike Team	**Team**

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Chris Gregory	Witt O'Brien's	702-802-1849
Branch Director	Jason Bergeron	Witt O'Brien's	281-414-7742
Division/Group Supervisor/STAM	Pete Gardner	Witt O'Brien's	205-914-5131

6. Resources Assigned

'X' indicates 204a attachment with additional instructions

Qty + Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes
1 (each)	NRC Hot Shot Team #2	Jesse Kesse	310-629-5558	20	
1 (each)	OC Vacuum Hot Shot #2	Richard Bader	562-705-1554	25	
1 (each)	WCC Hot Shot #1	Pete Esparza	562-244-1190	25	

7. Work Assignments

Conduct shoreline cleanup as directed and in accordance with SCAT methodology.

When beaches have been cleaned to Phase 1 criteria, written confirmation is required by SCAT on their POM form.

Crews will be on stand- by to respond - Conditions will be monitored by Division Supervisor and SCAT.

Any deceased animals other than Endangered Birds or Sea Mammals found while working shall be bagged and disposed of in the designated bins. (Refugio and El Capitan)

8. Special Instructions

Instructions for Dead Wildlife and Natural Resource Protection

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

SAFETY MESSAGE
All personnel are reminded to keep hydrated and take rest breaks at a 50/10 work/rest ratio. PPE: Tyvek suits, gloves, safety glass, neoprene boots. Avoid walking near waterways if possible PFD's must be worn if the potential for drowning exists.

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 15:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

Generated by WM O'Brien's

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 06:59	Ops Period 11	ATTACHMENT ICS 204a

3. Branch	4. Division/Group/Staging
Recovery Branch	Division V-D/E

5. Strike Team/Task Force/Resource(Identifier)	6. Leader	7.Assignment Location

Team	Team Leader

8. Work Assignment Special Instructions,Special Equipment/Supplies Needed for Assignment

WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES

Habitat specific Measures
These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.

Marine
• Avoid entering kelp beds as much as possible.
• Avoid boat traffic traveling near or through flocks of seabirds resting in the water.
• Have a wildlife monitor present on all boats.
• No spill response activities should take place within 1,000 feet of nesting seabirds.
• If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted.

Riparian
• Avoid entering wetted areas as much as possible.
• Avoid disturbing vegetation as much as possible.
• The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.
• During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.
• Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.
• Response activities should avoid or minimize changes in channel morphology.
• No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval.
• Any listed plant species should be flagged and avoided.
• For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.

Sandy Beach/Dune
• Avoid entering vegetated dune habitat as much as possible.
• If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.
• Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).
• Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.
• Manual oil removal techniques should be used as much as possible.
• All trash or anything that would attract wildlife to the work area should be removed on a daily basis.
• Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.
• For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.

Tidewater goby
• Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.
• If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.
• Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.
• Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
• If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.
• Should dewatering occur, any pumps used should be fitted with an anti-entrainment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
• Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/ minimization measures to be implemented during the response.

Least Bell's vireos and/or southwestern willow flycatchers
• Disturbance of riparian vegetation should be avoided as much as possible.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 15:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

• A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
• Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
• If vegetation removal is required, roots should be left in place as much as possible.
• A qualified biologist should be present as much as possible during activities that impact suitable habitat.

California least tern and/or Western snowy plover
• All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented.
• A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided.
• Any work required within nesting areas should be accompanied by a qualified biologist.
• A qualified biologist should identify and demarcate access and egress routes.
• The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission.
• All activities near nests or chicks should occur on the lower beach (wet sand), if possible.
• Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions.
• If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand), if possible. If it is not possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach.
• The amount of wrack, shells, and natural debris removed from the beach should be minimized. If shoreline pre-cleaning is necessary, debris should be stockpiled in an appropriate location (avoiding nesting locations) and returned to the beach after the threat of oil is gone, to the extent practical.

9. Communications (radio and/or phone contact numbers needed for this assignment)

☐ **Map/ Chart**	☐ **Weather Forecast/Tides/Currents**	☐
☐	☐	☐

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 15:22	D. Sobieski DS	05/31/2015 19:00	Chris Gregory CG	05/31/2015 19:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 05:59	Ops Period 11	ICS 204-CG

3. Branch	4. Division/Group/Staging
Recovery Branch	Protection Group
Task Force/Strike Team	**Team**

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Chris Gregory	Witt O'Brien's	702-802-1849
Branch Director	Jason Bergeron	Witt O'Brien's	281-414-7742
Division/Group Supervisor/STAM	R. Delgado	Patriot	362-244-4408

6. Resources Assigned

'X' indicates 204a attachment with additional instructions

Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes	
1 (each)	Task Force 1	Ruben D	CH 10	4	Report to Staging at 0600	X

7. Work Assignments

As directed,deploy and maintain strategies per the Area Contingency Plan

8. Special Instructions

Follow site strategies as per ACP, deploying boom, sorbents and fence stakes.
PPE. Tyvek suits, gloves, safety glasses, neoprene boots. PFDs are required within 10' of water or presents a risk of drownig.
Offshore work on vessels are required a PFD

Instructions for Dead Wildlife and Natural Resource Protection

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.
On Water: Avoid entering kelp beds as much as possible. Avoid boat traffic traveling near or through flocks of seabirds resting on water, stay 1000 ft away from nesting seabirds. If sea otter is observed keep clear and call Mike Harris immediatly. 831-212-7090

SAFETY MESSAGE
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surronding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Marine VHF	CH 10	562-244-4406	

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 16:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

Emergency Communications

Medical:	911	Evacuation:	911	Other:	911

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 16:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 05:59	Ops Period 11	ATTACHMENT ICS 204a

3. Branch	4. Division/Group/Staging	
Recovery Branch	Protection Group	
5. Strike Team/Task Force/Resource(Identifier)	**6. Leader**	**7.Assignment Location**
Team	**Team Leader**	

8. Work Assignment Special Instructions,Special Equipment/Supplies Needed for Assignment

WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES

Habitat-specific Measures
These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.

Marine
• Avoid entering kelp beds as much as possible.
• Avoid boat traffic traveling near or through flocks of seabirds resting in the water.
• Have a wildlife monitor present on all boats.
• No spill response activities should take place within 1,000 feet of nesting seabirds.
• If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted.

Riparian
• Avoid entering wetted areas as much as possible.
• Avoid disturbing vegetation as much as possible.
• The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.
• During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.
• Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.
• Response activities should avoid or minimize changes in channel morphology.
• No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval.
• Any listed plant species should be flagged and avoided.
• For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.

Sandy Beach/Dune
• Avoid entering vegetated dune habitat as much as possible.
• If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.
• Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).
• Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.
• Manual oil removal techniques should be used as much as possible.
• All trash or anything that would attract wildlife to the work area should be removed on a daily basis.
• Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.
• For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.

Tidewater goby
• Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.
• If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.
• Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.
• Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
• If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.
• Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
• Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/ minimization measures to be implemented during the response.

Least Bell's vireos and/or southwestern willow flycatchers
• Disturbance of riparian vegetation should be avoided as much as possible.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 18:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

• A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
• Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
• If vegetation removal is required, roots should be left in place as much as possible.
• A qualified biologist should be present as much as possible during activities that impact suitable habitat.

California least tern and/or Western snowy plover
• All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented.
• A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided.
• Any work required within nesting areas should be accompanied by a qualified biologist.
• A qualified biologist should identify and demarcate access and egress routes.
• The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission.
• All activities near nests or chicks should occur on the lower beach (wet sand), if possible.
• Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions.
• If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand), if possible. If it is not possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach.
• The amount of wrack, shells, and natural debris removed from the beach should be minimized. If shoreline pre-cleaning is necessary, debris should be stockpiled in an appropriate location (avoiding nesting locations) and returned to the beach after the threat of oil is gone, to the extent practical.

9. Communications (radio and/or phone contact numbers needed for this assignment)

☐ **Map/ Chart**	☐ **Weather Forecast/Tides/Currents**	☐
☐	☐	☐

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 16:22	D. Sulasek	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 05:59	Ops Period 11	ICS 204-CG

3. Branch	4. Division/Group/Staging
	Pipeline Repair Group
Task Force/Strike Team	**Team**

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Chris Gregory	Witt O'Briens	702-802-1849
Branch Director			
Division/Group Supervisor/STAM	Donn Zuroski	U.S. EPA	415-971-6829

6. Resources Assigned — 'X' indicates 204a attachment with additional instructions

Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes
1 (each)	Culvert Task Force	Rich Hartwig	562-452-6926	0	18 Pacific Petroleum, 1 Santec, EPA start team (4)
1	Excavation Task force	Donn Zuroski	415-971-6829	0	Excavation and Verification team (14), Pacific Petroleum (18), Santac (1), EPA start team (4), Assesment Team (6)
18 (each)	Pressure Washers			0	Excavation Task force
1	Section 4 Task Force	Carlos Sanchez	510-915-4052	0	

7. Work Assignments

Excavation Task force will carry out operations as per the Attached Excavation plan

Culvert Task Force Shall:
-Area 2, Section 2 (Under US 101): fabricate containment berm (see Area 2, section 1 fabrication standards from 5/20/15 Rev-04.
-Wash interior of concrete culvert utilizing a rotating pressure wash system, using fresh water to remove all crude oil contaminates until water is visibly clean and clear. Visual concurrence should be verified and witnessed by an authorized environmental representative. Pipeline oil removal operations will continue throughout evening

Section 4 Task Force Shall:
-Conduct removal operations of oil and contaminated solid waste in accordance with the approved Section Plan

8. Special Instructions

Excavation Task Force
Safety Officers and air monitoring shall be present during operations
Prior to excavations archeologist shall be consulted and if there are any cultural or historic resource concern, archeologist shall be present to monitor the operations

1. A minimum of 25 feet from the potential release locations shall be maintained
2. All recovered oil shall be quantified and disposed of in accordance wit the waste managemnet plan.

Volunteers: 1-800-228-4544
Claims: 866-753-3619
Public Affairs/JIC: 805-696-1188
State Park Law Enforcement: 951-443-2969
Sherriff's Dispatch: 805-692-5743

Instructions for Dead Wildlife and Natural Resource Protection

HAZARD MITIGATION
-All personnel operating in the restricted area shall wear level D (hard hats, safety toe boots, safety glasses, FRC clothing).
-Repiratory protection (full face air purifying respirator with OV-P100 cartridges) may be required to be used by all personnel based on continous air monitoring readings.
-Engineering controls such as vapor barriers and portable ventilation shall be used in the evacuation area prior to use of repiratory protection.
-All personnel are reminded to stay hydrated, and take breaks as needed.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	05/31/2015 16:22	Dan Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

- Notify Assistant Safety Officer if safety issues arise

SAFETY MESSAGE
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Emergency Communications			
Medical:	**Evacuation:**	**Other:**	

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	05/31/2015 16:22	Dan Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

Generated by VPN L7Bhen's

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 05:59	Ops Period 11	ICS 204-CG
3. Branch	4. Division/Group/Staging		
	Law - Security Group		
Task Force/Strike Team	Team		

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Chris Gregory	Witt O'Brien's	702-802-1849
Branch Director			
Division/Group Supervisor/STAM	Bryan Holmsted		

6. Resources Assigned

'X' indicates 204a attachment with additional instructions

Qty & Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes
1 (each)	Law Enforcement Team	B. McVay		10	
14	Security Land	B. McVay	805-617-5735	0	Sheriff, State Parks, HCP, Fish and Wildlife
1 (each)	Response Personnel - Security Guard @ Source Site, Night Ops - ISS Security				
1 (each)	Vehicle - Security Vehicle - ISS Security				
1 (each)	Boat - CA Fish & Wildlife 58' Patrol Boat				
4 (each)	Personnel - Patrol Boat Personnel				
1 (each)	Personnel - Security-Law Enforcement Technical Sepcialist				
1 (each)	Personnel - Night time Security Officer for Wildlife Branch Equipment & Evidence - El Capitan/Del Mar Camp				

7. Work Assignments

Prevent unauthorized persons from entering or remaining in the spill area. Contract and identify all persons not readily identifiable. Escort any unauthorized person from the area.

Land units- Contact any unidentified vehicle parked in the area with emphasis on highway 101 where access to the beach can be made. Remove all unauthorized persons and vehicles. Do not loiter on or around the railway.

Water units- Contact any unidentified vessels entering or in the spill zone. Divert or escort unauthorized vessels from the spill area.

8. Special Instructions

Identify any persons or vessels that may need decontamination. Personnel are reminded to stay hydrated and work rest regimen as necessary.

Instructions for Dead Wildlife and Natural Resource Protection.

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

On Water: Avoid entering kelp beds as much as possible. Avoid boat traffic traveling near or through flocks of seabirds resting on water, stay 1000 ft

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 19:31	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

away from nesting seabirds. If sea otter is observed keep clear and call Mike Harris immediatly. 831-212-7090

SAFETY MESSAGE
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surronding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager

Emergency Communications

Medical: 911 **Evacuation:** 911 **Other:** 911

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 19:31	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 05:59	Ops Period 11	ICS 204-CG

3. Branch	4. Division/Group/Staging
Air Operations Branch	
Task Force/Strike Team	**Team**

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Chris Gregory	Witt O'Brien's	702-802-1849
Branch Director	Kyle Jellison	Witt O'Brien's	954-218-4935

6. Resources Assigned 'X' indicates 204a attachment with additional instructions

Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes	
1 (each)	Strike Team 1 Overflight / Command and Control	Mark Wroble	310-613-2566	2	Aspen Helo for Command and Control Tactical	X
2 (each)	Helicopter from Aspen Air, 3 Passenger			0		

7. Work Assignments

Provide Coordination of Air Ops in the Area of Operations.
Enforce temporary flight restrictions (TFR) within the norms of safety.
Refer to Airops 220 for flight manifest

8. Special Instructions

Air Ops Minimization Measures

Maintain minimum altitude of 500 feet above or a 1/2 mile away from Snowey Plover Habitat in the vicinity of Coal Oil Point. The 500 ft altitude needs to be taken into account and maintained when flying/hovering above Bluffs.

SAFETY MESSAGE
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

Report All Injuries require a immediate notification to Direct Supervisor.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
123.02 MHZ	VHF channel 10&16		

Emergency Communications

Medical: **Evacuation:** **Other:**

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 19:54	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 05:59	Ops Period 11	ATTACHMENT ICS 204a

3. Branch	4. Division/Group/Staging	
Air Operations Branch		
5. Strike Team/Task Force/Resource(Identifier)	**6. Leader**	**7.Assignment Location**
Team	**Team Leader**	

8. Work Assignment Special Instructions,Special Equipment/Supplies Needed for Assignment

WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES

Habitat-specific Measures
These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.

Least Bell's vireos and/or southwestern willow flycatchers
• Disturbance of riparian vegetation should be avoided as much as possible.
• A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
• Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
• If vegetation removal is required, roots should be left in place as much as possible.
• A qualified biologist should be present as much as possible during activities that impact suitable habitat.
California least tern and/or Western snowy plover
• All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented.
• A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided.
• Any work required within nesting areas should be accompanied by a qualified biologist.
• A qualified biologist should identify and demarcate access and egress routes.
• The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission.
• All activities near nests or chicks should occur on the lower beach (wet sand), if possible.
• Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions.

9. Communications (radio and/or phone contact numbers needed for this assignment)

☐ **Map/ Chart**	☐ **Weather Forecast/Tides/Currents**	☐
☐	☐	☐

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 19:54	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 05:59	Ops Period 11	ICS 204-CG

3. Branch	4. Division/Group/Staging
	SCAT
Task Force/Strike Team	Team

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	D. Sobiaski (PSC) and M. Boggs	Witt Obriens and CA DFW-OSPR	805-558-1005
Branch Director			
Division/Group Supervisor/STAM	Josh Curtis	CDFW-OSPR	707-330-4122

6. Resources Assigned

'X' indicates 204a attachment with additional instructions

Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes
1 (each)	SCAT Team 1	Ken Wilson	805-558-1006	3	SB-K-01
1 (each)	SCAT Team 2	Sonia Torres	562-342-7215	3	SB-J-01
1 (each)	SCAT Team 3	Dave Price	707-322-8681	3	VN-G-01, 02
1 (each)	SCAT Team 4	Diana Grosso	661-426-5276	3	VN-H-01 through 08

7. Work Assignments

Report to ICP at 0700
Receive assignments, read and sign site safety plan and calibrate.
Complete SCAT assignments by 1500 hrs return to ICP at 1600 hrs for briefing with Scat Coordinator (Josh Curtis)

Report any changes in Scat Team Leaders to Unified Command through the Chain of Command. (Sunday May 31st)

8. Special Instructions

PPE is available from OPS on scene.
Report oiled wildlife to Wildlife Branch Director or Deputy.Refer public wildlife reports to OWCN 877-823-6926
Refer all media request to PIO Steve Gonzales 916-539-6129.
Refer public wildlife reports to OWCM 877-823-6926.
Scat Teams to assess staging and waste stockpiles areas for environmental sensitivity and report back to SCAT coordinator
For cultural/Archeological concerns, Sean Ross, Field observer coordinator 415-720-4166 & Michael Kirchner, Warden 831-901-6369.
No Cultural Monitor needed when flipping cobbles and when digging trenches. When digging trenches make sure to fill in hole

Volunteers: 888-567-SERV
Claims: 866-753-3619
Public Affairs/JIC: 805-696-1188
State Park Law Enforcement: 951-443-2969
Sherriff's Dispatch: 805-692-5743

Instructions for Dead Wildlife and Natural Resource Protection

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	05/31/2015 17:00	D. Sobiaski	05/31/2015 18:00	Chris Gregory	05/31/2015 18:00

- Stop clean-up work in the vicinity surronding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager

Emergency Communications

Medical: 911 **Evacuation:** 911 **Other:** 911

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	05/31/2015 17:00	D. Sobeski	05/31/2015 18:00	Chris Gregory	05/31/2015 18:00

1. Incident Name
Refugio Incident

2. Operational Period (Date/Time)
As of: 0531 1400 hrs

COMMUNICATIONS LIST
ICS 205A-CG

3. Basic Local Communications Information			
Last Name	First Name	Organization	Phone
Abbey	Zack	Stantec	(805) 444-9262
Abdolhintzman	Kholood	Applied Earthworks	(909) 496-7136
Abe	Kelly	Ca Fish & Wildlife	(916) 216-3964
Abrams	Ricard	SB Co EM	(805) 896-6371
Adam	Peter	SB Co Supervisor	
Adams	Kira	Coast Guard	(813) 300-6482
Addassi	Yvonne	OSPR	(916) 956-1162
Ajari	Todd	Ca Fish & Wildlife	(707) 322-4300
Almanza	Carlos	SB Co	(805) 451-3870
Alton	Joshua	Coast Guard	(503) 931-3816
Altstatt	Jessica	OSPR	(805) 708-8882
Alvis	Kim	CTEH	(501) 766-1515
Ames	Arianna	Weber Shandwick	(631) 327-3537
Amon	George	Coast Guard	(262) 995-8188
Andersen	Ryan	Plains	(281) 224-9891
Anderson	Kile	Worley	(225) 266-4482
Anderson	Peter	Coast Guard	(805) 896-6792
Anderson	Michael	OSPR	(916) 826-1136
Angus	Deana	NOAA	(408) 623-5323
Arganda	Dominic	CHF	(805) 878-7504
Arkinstall	Leonard	Ca Fish & Wildlife	(949) 289-3757
Armas	Lidia	Ca OES	(916) 340-5893
Armstrong	Greg	Plains	(713) 646-4100
Arndt	Elsa	SB OEM	(805) 681-5524
Arredondo	Juan	Patriot Environmental	(661) 340-9779
Arrington	Bill	US DOT	(909) 877-7049
Arrington	Eleanor	UC SB	(585) 698-6296
Backus	Dave	CTEH	(901) 496-6658
Baernstein	Melissa	Stantec	(909) 362-3942
Bafia	John	Coast Guard	(202) 725-6384
Bailey	Julie	NOAA	(805) 235-8022
Baker	Phil	CTEH	(501) 804-8138
Banks	Ilia	Ca Fish & Wildlife	(909) 229-1578
Barbier	Brian	Applied Earthworks	(530) 848-3253
Barradas	Katia	CERT	(805) 319-2623
Barriga	Gonzalo	LA FD Inv	(213) 725-8862
Bassin	Rich	Coast Guard	(732) 433-0380
Beal	John	Coast Guard	(440) 315-0765
Beckwith	Chris	OSPR	(916) 591-0343
Beene	Jamie	ISS	(903) 570-8958
Bell	Bruce	CTEH	(504) 628-7177

Benavides	Jose	Patriot Environmental	(661) 340-7887
Benninghoven	Sheri	SB Co CEO	(805) 450-4886
Berg	Catherine	NOAA	(907) 529-9167
Berg	Mike	CTEH	(501) 517-5712
Berger	Michael	NOAA	(678) 472-2410
Bergeron	Jason	WOB	(281) 414-7742
Berman-Kowalewski	Michelle	NOAA	(805) 896-0858
Bernard	Matt	Stantec	(401) 369-4355
Bess	David	Ca Fish & Wildlife	(916) 718-7713
Beveridge	Dave	OSPR	(916) 919-6431
Bicksler	Scott	Aerotek	(951) 543-8161
Bierce	Pamela	US Fish & Wildlife	(916) 207-8385
Bilbe	Charles	Worley	(504) 559-8102
Bingham	Shauna	NOAA	(805) 893-6421
Bishop	Jonathan	Ca Coastal Comm	(415) 693-8375
Black	Nerl	US EPA	(415) 686-3994
Black	Dianne	SB Co	(805) 886-4367
Blackerby	Hillary	CERT	(760) 285-7025
Blevins	Jason	Plains	(281) 217-4846
Blumenfeld	Jared	US EPA	(415) 215-2375
Bode	Denise	Plains	(405) 818-1775
Boelhouwer	Steve	SB ICT	(805) 568-2656
Boggs	Melissa	Ca Fish & Wildlife	(805) 558-1005
Boisen	Kent	SB Co FD	(805) 755-3120
Bonham	Chuck	Ca Fish & Wildlife	
Bontty	Mona	Ca OES	(562) 673-0411
Borlas	Chris	Applied Earthworks	(772) 453-1074
Bosma	Bonnie	CERT	(805) 455-7572
Bourgeois	Shelley	Pace Analytical	(225) 337-6253
Boyce	Jen	NOAA	(562) 243-4696
Boyd	Shawn	Ca OES	(916) 201-7666
Boyd	Bill	Ventura Co OES	(805) 216-9009
Bradley	Jim	OSPR	(916) 292-2616
Brady	Bryce	Ca Volunteers	(818) 414-3689
Braund	Trevor	Clean Seas	(954) 294-5597
Brazer	Mara	Brazer Comm	(415) 305-6677
Bridges	Max	OSPR	(707) 583-3131
Briggs	Erin	Co SB Planning	(805) 568-2047
Broadhurst	Danny	Global Diving	(805) 509-0701
Bronson	Collin	Coast Guard	(562) 879-1141
Broughton	Julie	Stantec	(805) 405-5851
Bruce	Ian	EPA START	(509) 845-5547
Bryant	Wade	C-K Associates	(404) 630-2123

Buchanan	James	Plains	(661) 437-1459
Buie	Greg	Coast Guard	(202) 494-9091
Bursek	Julie	NOAA	(805) 893-6422
Bultram	Andrew	Pacific Petro	(805) 680-3809
Byrd	Brian	Plains	(601) 467-5266
Byrd	Mary	EPIC	(805) 961-8833
Cabral	Santos	Ca Fish & Wildlife	(949) 289-2928
Caddell	Steven	Plains	(562) 607-7991
Cadenhead	Steve	WOB	(850) 605-6046
Caesar	Jim	UC SB	(805) 450-1437
Caillouet	Josh	CTEH	(985) 637-1220
Calanog	Steve	US EPA	(415) 595-8350
Caliguire	Mike	Patriot Environmental	(510) 965-3691
Canto	Will	Patriot Environmental	(562) 244-5108
Caraway	Katy	Coast Guard	(505) 400-6304
Carbajal	Salud	SB Co Supervisor	
Cardell	Debbie	Plains	(661) 472-0956
Carlton	Jeff	Plains	(925) 765-3275
Carreon	Michel	Coast Guard	(609) 439-3219
Carswell	Lilian	US Fish & Wildlife	(805) 612-0975
Castellana	Ben	EPA START	(818) 371-5388
Castro	Guy	Plains	(562) 756-2647
Caten	Lisa	Plains	(251) 455-6835
Cazabat	Anthony	CERT	(805) 448-1338
Cazier	Josh	SB Co FD	(805) 896-6333
Chafey	Suzette	CERT	(805) 452-2677
Chang	Lena	US Fish & Wildlife	(818) 389-3156
Chanley	Bob	AECOM	(805) 448-9320
Chastain	Dennis	Ca Fish & Wildlife	(562) 505-8988
Chavez	Andrew	BCM	(805) 316-0087
Chedsey	Bob	OSPR	(707) 416-6038
Chickering	Robert	Adv BioCatalytics	(949) 887-9509
Childs	Carl	NOAA	(206) 856-8815
Christensen	Shellee	Coast Guard	(541) 999-0156
Chuop	Khamly	Stantec	(510) 999-0647
Clark	Heather	Coast Guard	(251) 680-7911
Clute	Cathy	Cathy Klute CSR	(805) 698-8719
Cobb	Heath	CTEH	(870) 918-1266
Cochran	Nick	EPA START	(858) 335-8392
Cohen	Scott	Ca Fish & Wildlife	(805) 207-6312
Collins	Cliff	OMI	(225) 329-8112
Collins	Kory	Ca Fish & Wildlife	(310) 944-8182
Conely	Mike	Ca Fish & Wildlife	(559) 974-5837

Connell	Mike	Ca Fish & Wildlife	(805) 331-1667
Connolly	Charles	CTEH	(501) 366-5689
Cooper	Doug	US Fish & Wildlife	(805) 701-5764
Corbo	Christian	Ca Fish & Wildlife	(310) 864-5299
Cork	Don	CERT	(805) 403-0715
Costlow	Jeremy	ISS	(903) 714-6172
Council	Jim	Coast Guard	(954) 649-4192
Couture	Randy	Stantec	(805) 427-4883
Cox	Gery	OSPR	(805) 801-9272
Cox	Nat	Ca State Parks	(805) 320-7521
Craddock	Spike	Patriot Environmental	(805) 680-2050
Crafton	Stephen	SB Co	(805) 453-1089
Creighton	Kent	Patriot Environmental	(562) 310-6969
Crestfield	Lori	SB Co Probation	(805) 882-3663
Crider	Ryan	Plains	(504) 453-9724
Crochet	William	Plains	(281) 536-8172
Crooks	Patrick	Stantec	(805) 637-2742
Crossland	Mark	Ca Fish & Wildlife	(805) 550-2729
Cullen	Thomas	OSPR Administrator	(510) 517-8314
Cummings	Stacy	NOAA	(202) 440-3521
Curtis	Josh	OSPR	(707) 330-4122
Cutts	Brian	Coast Guard	(757) 567-8382
Dalessandro	JD	CTEH	(703) 999-7655
D'Amato	Adam	NRC	(631) 449-8176
Daniel	Travis	Coast Guard	(850) 896-9204
Dann	Jeffrey	Plains	(713) 201-3548
Darg	Teresa	COCC	(805) 757-4096
Dargle	Joe	AECOM	(805) 245-2367
Darst	Cat	US Fish & Wildlife	(805) 607-9937
Davis	Cory	CTEH	(501) 255-7881
Davis	Adam	NOAA	(206) 549-7759
Dayton	Jeff	OSPR	(707) 498-0518
Dean	Chanty	SB Co Public Health	(805) 896-2229
Delgado	Ruben	Patriot Environmental	(562) 244-4408
Dellith	Chris	US Fish & Wildlife	(805) 644-1766
Deppe	Darlene	Ca State Parks	(805) 338-0172
Diamond	Walter	OMI	(504) 236-0085
Dibenedetto	John	US DOE	(805) 681-2240
Dicken	Ian	SB ICT	(805) 315-5256
Dieatrick	George	Plains	(562) 756-2266
Diel	Chris	US Fish & Wildlife	(805) 223-1718
Dillard	John	Weber Shandwick	(917) 501-8155
Dinarte	Rudy	Applied Earthworks	(760) 490-3413

Dixon	Joann	CDCC	(760) 802-2759
Doane-Allmon	Julie	AECOM	(805) 455-5042
Doiron	Katherine	NOAA	(781) 654-7880
Donohoe	Regina	Ca Fish & Wildlife	(916) 616-0723
Donohue	Keith	Coast Guard	(415) 320-5345
Dorn	Walt	Patriot Environmental	(562) 244-2205
Dorsey	Matt	NOAA	(315) 278-0922
Doss	Ryan	Coast Guard	(305) 542-8127
Dostal	Jamie	Ca Fish & Wildlife	(805) 207-6453
Doty	Irma	OSPR	(916) 215-3858
Douma	Jason	Clean Harbors	(231) 384-5451
Draguesku	Colleen	US Fish & Wildlife	(949) 378-6513
Dugan	Jenny	OSPR	(805) 455-6165
Dugger	Roy	Applied Earthworks	(805) 757-1742
Dumont	Shana	Stantec	(587) 336-2957
Dunn	Chris	Stantec	(805) 813-0798
Dunphy	Jason	US DOT	(303) 956-1873
Dyer	Michael	SB OEM	(805) 681-5526
Ebel	Sharon	BCM	(805) 895-0008
Edblad	Scott	Stantec	(661) 754-0862
Edelson	David	Coast Guard	(609) 556-5212
Edsinger	Brian	Navy	(805) 844-6324
Eidman	Mike	Plains	(281) 217-3707
Ellerbe	Robin	Coast Guard	(510) 388-0507
Elliott	Bonnie	CERT	(805) 682-7072
Elms	Logan	Stantec	(661) 754-0385
Emrick	Brenda	CERT	(714) 906-5248
Encinas	Liliana	SB Co FD	(805) 284-2045
Engle	John	OSPR	(805) 705-1768
Enos	Woody	SB Co FD	(805) 896-6404
Ertandson	Jon	Historical Dynamics	(541) 285-7348
Esparza	Bea	WCES	(562) 244-1211
Espinoza	Jesica	US Fish & Wildlife	(310) 678-4903
Estabrook	Adam	SB Co FD	(805) 895-9290
Etre	Neal	NOAA	(617) 416-3555
Ewing	Greg	OSPR	(916) 203-6213
Fardig	Thomas	Stantec	(805) 341-2396
Fargas	Dawn	SB Co	(805) 403-0688
Farr	Doreen	SB Co Supervisor	
Faurot-Daniels	Ellen	Ca Fish & Wildlife	(831) 233-0723
Fearon	Anne	SB Co	(805) 835-5718
Fenske	Jacob	CTEH	(501) 584-8239
Ferguson	Kelly	SYCM	(805) 245-6294

Ferguson	John	NOAA	(805) 341-0422
Ferguson	Jeffrey	NOAA	(301) 351-7798
Ferrari	Dominic	Plains	(562) 756-2538
Filipchuk	Greg	Plains	(403) 852-8707
Finch	Tom	US DOT	(303) 807-7200
Fitzgerald	Tara	EPA START	(650) 784-1633
Flaherty	Terrell	Plains	(504) 214-7657
Fletcher	Chelsea	Ca State Parks	(805) 705-6228
Fletcher	Elizabeth	Plains	(713) 806-5871
Floid	Nick	CRA	(651) 233-3731
Folkes	Isa	COCC	(805) 506-1227
Ford	Bob	Ca Fish & Wildlife	(916) 508-2863
Fordham	Randy	Plains	(661) 332-9164
Foreman	Peter	CTEH	(501) 258-0582
Foss	Steve	OSPR	(916) 416-8908
Fossum	Drew	Plains	(587) 284-3787
Foto	James	OSPR	(310) 683-3032
Franco	Rudy	CHF	(805) 406-8918
Frangis	Alexis	Ca DPR	(805) 207-9469
Frash	Jason	BRI	(805) 758-8301
Friberg	Christina	Applied Earthworks	(201) 615-2751
Fricke	Mary	Ca Fish & Wildlife	(916) 417-0210
Fridlund	Jeff	Plains	(818) 746-6755
Fula	Luis	US EPA	(562) 913-2838
Fula Jr	Luis	US EPA	(562) 546-9858
Fusilier	Warren	Plains	(713) 201-3911
Gallant	Natasha	OSPR	(916) 716-1665
Gamble	Lynn	Applied Earthworks	(619) 990-3250
Gamblin	Tony	SB Co	(805) 934-6130
Garcia	Janet	COCC	(805) 451-8757
Garcia	Quintan	COCC	(805) 835-2328
Garcia	Henry	ACTI	(661) 979-8877
Garcia	Tawnee	COCC	(805) 806-5839
Garcia	Sau	Ca Fish & Wildlife	(562) 843-2714
Garcia	Paco	CERT	(805) 451-6586
Garcia	Cheyenne	Ca Volunteers	(916) 914-3386
Gardner	Terry	Pacific Petro	(805) 868-9008
Gardner-Cox	Peter	WOB	(206) 914-5131
Garner	Tom	CERT	(805) 689-5438
Gels	Robert	SB Co	(805) 896-4210
Gellerman	Holly	OSPR	(916) 747-0611
Geraghty	Brandon	WOB	(562) 217-0791
Geyer	Angelique	Coast Guard	(415) 720-4160

Ghilarducci	Mark	Ca OES	
Ghizzoni	Mike	SB Co Counsel	
Giambo	Joseph	CERT	(805) 729-0246
Gibbons	Tom	Pacific Petro	(805) 310-7625
Gibson	Desmond	US DOT	(562) 484-8851
Gibson	Steve	OSPR	(562) 598-2849
Gibson	Chris	Coast Guard	(619) 300-4322
Gicuhi	Ngiabi	Plains	(562) 489-6466
Gilliland	Ken	Stantec	(805) 290-0541
Giovanacci	Anthony	SB OEM	(805) 638-6983
Glick	Michael	BRI	(805) 450-6487
Goglia	Michael	Coast Guard	(610) 517-2318
Gold	Jennifer	Ca Fish & Wildlife	(805) 450-8695
Goleman	David	OSPR	(707) 738-1468
Gollhofer	Bryan	Ca Fish & Wildlife	(562) 707-7757
Gonzales	Jo Anne	Plains	(661) 336-7901
Gonzalez	Steve	OSPR	(916) 539-6124
Gooch	George	Plains	(562) 843-3551
Gore	Dean	Plains	(713) 498-5760
Gorham	Bill	Plains	(805) 377-9336
Gorman	Mark	Plains	(713) 725-1193
Gratcofsky	Joe	US DOT	(303) 725-3200
Graves	Matt	WGR	(724) 584-7885
Gray	Jerry	SB Co FD	(805) 967-3958
Green	Jerry	Plains	(432) 638-3172
Green	Amanda	Coast Guard	(562) 472-5352
Greenman	Justin	NOAA	(815) 354-1864
Greer	Matt	Plains	(661) 204-7661
Gregory	Gary	WOB	(714) 642-3496
Gregory	Chris	WOB	(702) 802-1849
Grennan	James	Ca State Parks	(805) 909-1219
Griffin	Eric	SB Co	(603) 359-8287
Grimmasey	Suzanne	SB ADMHS	(805) 886-5403
Grosso	Diana	CDFW	(661) 426-5276
Gudino	Araceli	Plains	(310) 606-0482
Guerreiro	Greg	WOB	(949) 363-3095
Guevara	Pastor	Ca OES	(562) 338-8440
Gustafson	Guphy	OSPR	(916) 743-3837
Gutierrez	Antonio	ISS	(951) 640-8049
Guzman	Jason	Patriot Environmental	(805) 755-3322
Guzzardi	Joe	COEM	(805) 681-5542
Ha	Ruth	Plains	(562) 221-3937
Haffner	Craig	OSPR	(707) 718-6948

Hagan	Julia	BSSE	(805) 377-3872
Hall	Susan	Stantec	(317) 294-7292
Hamilton	Paul	Ca Fish & Wildlife	(530) 713-1517
Hammond	Skip	Plains	(805) 310-2064
Hampton	Steve	OSPR	(916) 956-0949
Hanson	Renn	NOAA	(206) 949-8025
Hanson	Kyle	Clean Seas	(805) 455-5502
Harris-Bishop	Rusty	US EPA	(415) 972-3140
Hartig	Rich	Plains	(562) 453-6926
Harz	Erik	AECOM	(805) 729-2679
Haslam	Lee	Plains	(903) 918-4360
Haslouer	Leeann	Applied Earthworks	(805) 695-2947
Hastings	Sean	NOAA	(805) 705-1790
Haug	Tom	WOB	(562) 217-3511
Hawley	Georganna	Applied Earthworks	(805) 760-3175
Headrick	Tylor	SB OEM	(917) 723-3441
Heckman	Ropb	SB Co FD	(805) 681-5501
Heddinger	Holly	Coast Guard	(707) 267-5576
Henderson	John	US Fish & Wildlife	(916) 799-0588
Henkel	Laird	OSPR	(831) 212-7665
Henning	Kirk	Stantec	(805) 995-4050
Henry	Stephen	US Fish & Wildlife	(805) 701-5744
Henson	Chris	SB Co	(805) 568-2197
Herman	Stephanie	OSPR	(530) 979-8099
Hernandez	Juan	Coast Guard	(310) 592-3671
Hernandez	Claudio	SB Co FD	(805) 896-6339
Hicks	Eric	Stantec	(619) 246-0951
Higgins	Damian	US Fish & Wildlife	(916) 943-8529
Hiltz	Jim	Coast Guard	(734) 634-7696
Hjelstrom	Eric	Ca DPR	(805) 331-2740
Hochleutner	John	Pacific Petro	(805) 260-5000
Hodgins	Patrick	Plains	(281) 467-3658
Hoffman	Michaela	Padre	(949) 632-1042
Holland	Lora	Coast Guard	(409) 527-2022
Holland	John	Ca Fish & Wildlife	(916) 956-0944
Holmes	John	ACTI	(310) 734-9125
Holmes	Capt John	ACTI	(310) 347-6350
Holt	Jesse	Plains	(918) 521-9421
Hooper	Michael	LA OEM	(213) 792-4237
Hoover	Kelly	SB SO	(805) 636-3478
Hoppa	Kristin	Applied Earthworks	(310) 266-0295
Hopper	Deborah	CERT	(805) 735-1560
Horn	Michael	OSPR	(760) 964-2312

Hosking	Scott	SB Co	(805) 896-2902
Houchin	Brad	Patriot Environmental	(805) 234-3523
Houston	Ken	Global Security	(405) 250-1882
Hubbard	David	UC SB	(805) 698-1119
Huber	Brian	Ca Fish & Wildlife	(805) 861-0843
Hudson	Jennifer	OSPR	(916) 548-2683
Huston	Kelly	Ca OES	(916) 607-7657
Hutchinson	Dan	AECOM	(805) 431-1229
Huyett	JB	NOAA	(410) 940-9933
Ikemoto	Jennifer	Ca Fish & Wildlife	(916) 201-8010
Ikerd	Ike	Clean Seas	(805) 455-5500
Imai	Randy	OSPR	(916) 826-5271
Ingamells	Matt	Stantec	(805) 701-0245
Isha	Luhui	Wishtoyo	(805) 729-7692
Islava	Bill	Flamesniffer	(805) 418-7979
Ives	Genelle	SB Co	(949) 677-4129
Jacobs	Todd	NOAA	(805) 455-1981
Jacoby	James	Plains	(562) 305-2406
Janne	Sean	Coast Guard	(860) 961-9326
Janousek	Matt	Plains	(805) 320-4592
Jaqua	Allison	Applied Earthworks	(805) 280-5560
Jaques	Deborah	CDFW	(503) 298-0599
Jellison	Kyle	WOB	(954) 218-4935
Jennings	Kathleen	OSPR	(707) 372-0103
Jernigan	Kathleen	Applied Earthworks	(559) 392-5840
Joab	Bruce	Ca Fish & Wildlife	(916) 826-0168
Johnson	Jeff	Stantec	(630) 991-0211
Johnson	Seth	Coast Guard	(646) 417-0335
Johnson	Amanda	Ca Fish & Wildlife	(916) 539-8040
Johnson	Cathy	US Fish & Wildlife	(916) 622-3163
Johnson	Curt	WOB	(774) 238-2660
Johnson	Gabriela	CERT	(562) 296-7533
Johnson	Ashley	Coast Guard	(906) 373-9499
Johnson	Cordell	USGS	(530) 906-3959
Johnson	Stephanie	US Fish & Wildlife	(310) 743-5849
Johnston	Jason	SB Co Public Health	(805) 315-5805
Johnston	Stewart	SB Co CEO	(805) 680-7637
Jolly	Danica	Coast Guard	(575) 581-0060
Jones	Steve	Special Tech Lab	(805) 403-5603
Jones	Kevin	SB Co FD	(805) 717-2332
Jude	Jason	Pace Analytical	(916) 591-9177
Jung	Mike	Arcadis	(626) 658-1104
Kaplan	Steven	Plains	(281) 460-6744

Kaplan	Erin		(713) 398-4767
Katchmar	Peter	US DOT	(303) 807-8458
Keilar	Nick	NOAA	(760) 402-6444
Kelly	Tami	Plains	(925) 640-9997
Kelly	Sean	Ca Fish & Wildlife	(707) 322-2176
Kennedy	Kirsten	Plains	(832) 993-5264
Kennedy	Douglas	Plains	(713) 376-5375
Kerr	Jim	Stantec	(303) 807-4702
Kiatos	Jim	OSPR	(562) 343-8363
Kidd	Daija	COCC	(805) 325-3637
Kidd	Cheston	COCC	(805) 617-6872
Kimura	Scott	OSPR	(805) 550-1449
King	Erik	Coast Guard	(607) 341-3331
Kippes	Lanny	Plains	(562) 221-4510
Kirchner	Michael	Ca Fish & Wildlife	(831) 901-6369
Kirkwood	Neil	SB Co	(805) 331-3836
Kivenson	Veronika	UC SB	(646) 385-3626
Klaib	Jennifer	Stantec	(805) 704-8036
Klein-Rothschild	Susan	SB Co	(805) 896-1057
Kliethermes	Derek	CTEH	(573) 673-3183
Kluge	Christine	OSPR	(916) 445-9326
Koenig	Rob	Plains	(281) 814-7627
Kong	Corey	Ca Fish & Wildlife	(562) 477-7081
Kontos	Michael	Plains	(213) 663-9784
Kossoff	George	SB Co	(805) 896-2224
Kowinacki	Alexa	NOAA	(858) 761-7424
Kuhlman	Chris	CTEH	(501) 247-3871
Kushnerov	Valerie	City of Goleta	(805) 689-8044
LaDuke	Yvette	Ca OES	(714) 330-1026
Laiblin	Eric	Plains	(661) 910-4014
LaMoria	Brian	Coast Guard	(443) 834-6302
Lankenau	Doug	OSPR	(415) 710-0243
Lankford	Jeff	NOAA	(206) 799-1671
Lapiers	Spencer	UP RR	(714) 321-5413
Larson	Terry	US DOT	(303) 513-7026
Larson	Dane	SB Co	(805) 680-5444
Lavagnino	Steve	SB Co Supervisor	
Lavin-Jones	Joy	OSPR	(916) 616-0355
Lawrence	Kyle	CTEH	(501) 366-2698
Leaon	Sharron	Ca Volunteers	(916) 834-0846
Leaver	Robert	SB Co IT	(805) 636-3715
Leavitt	Andrew	Arcadis	(401) 829-6628
Lebow	Clayton	Applied Earthworks	(805) 895-2958

Ledig	David	BLM	(831) 630-5006
Leggett	Jeremy	Coast Guard	(415) 419-1256
Leggett	Chris	IEC	(603) 892-1064
Lehr	Kathryn	AECOM	(805) 366-2747
Leifer	Ira	BRI	(805) 252-3636
Leighton	Jennifer	Padre	(805) 644-2220
Lemkau	Karin	UC SB	(937) 681-0315
Lent	Hannah	SYCM	(805) 944-0421
Lent	Dan	OSPR	(510) 220-4192
Leone	Brad	Plains	(281) 806-9911
Letter	Chris	Padre	(847) 656-6654
Liberts	Stacy	SB Co	(805) 451-8468
Lipton	Scott	OSPR	(916) 796-5067
Little	Annie	US Fish & Wildlife	(760) 522-2567
Litzinger	James	Coast Guard	(843) 822-1491
Lloyd	Jay	Applied Earthworks	(559) 287-2137
Long	Lloyd	CTEH	(501) 258-7139
Lopez	Barbara	BCM	(805) 689-9528
Lopez	Mary	BCM	(805) 453-7355
Lorenson	Tom	USGS	(650) 642-5627
Loyst	Dennis	City of Goleta	(805) 962-0763
Loza	Arturo	Plains	(701) 440-1643
Lulejian	Jerry	SB Co DA	(805) 709-2631
Lumpkin	Mike	CTEH	(501) 366-8304
Luzader	John	Coast Guard	(805) 455-1754
Lyons	David	Ca Fish & Wildlife	(562) 666-5039
MacArthur	Jon	WOB	(623) 229-8875
MacFadyen	Amoreena	NOAA	(206) 849-9953
Machado	Raymundo	Patriot Environmental	(310) 567-5655
Mack	Becky	OSPR	(916) 216-1303
Mackey	Jerry	Plains	(918) 285-0416
Macon	Rhianna	Coast Guard	(415) 722-1749
Mahoney	Lourdes	CTEH	(813) 391-4657
Majel	Lucia	COCC	(951) 514-9789
Majel	Jolene	COCC	(951) 520-6948
Majel	Al	COCC	(951) 834-3655
Maldonado	Danny	CTEH	(281) 900-9712
Malone	Jacob	BCM	(805) 689-6884
Marcoux	Tom	Coast Guard	(562) 453-6117
Marek	Jenny	US Fish & Wildlife	(805) 402-6612
Marn	Carolyn	US Fish & Wildlife	(916) 798-7959
Marshall	Kathleen	SYCM	(805) 245-0742
Martinez	Jacqueline	Ca OES	(714) 520-1833

Martins	Pedro	WOB	
Marvin	Karen	Plains	(562) 756-2575
Mason	Mark	Stantec	(805) 341-1492
Mati	Waiya	Wishtoyo	(805) 794-1248
Matthews	Meredith	Plains	(281) 217-0042
Mayberry	Robert	Ca OES	(916) 201-3739
McAninch	Dustin	Coast Guard	(310) 935-8729
McCarthy	Whitney	SB Co	(805) 568-2659
McCarthy	Glenn	West Coast Enviro	(714) 234-0999
McCaw	Paul	SB EHS	(805) 896-6344
McClellan	Sheridan	Coast Guard	(860) 326-4334
McCleneghan	Kim	OSPR	(916) 956-6603
McClure	Mark	LK Mizota & Assoc	(805) 452-2405
McClure	Bill	Global Security	(405) 850-2898
McGlinchey	Yolanda	SB City	(805) 331-2414
Mcgowan	Kevin	Ventura Co OES	(805) 797-6450
McKenna	Cameron	Flamesniffer	(805) 418-7979
McKinney	Tyson	Ca DOGGR	(805) 440-7280
McLane	Tom	Plains	(832) 584-3314
McMichael	Rick	Plains	(713) 254-5385
McMorran	Robert	US Fish & Wildlife	(951) 532-5904
McVay	Brad	SB Co Sheriff	(805) 617-5735
Mears	Glen	Plains	(661) 204-8749
Meer	Dan	US EPA	(415) 971-6792
Mello	Joe	Ca Fish & Wildlife	(209) 595-5504
Mendoza	Andrew	SYCM	(805) 451-0513
Mendoza	Nannette	COCC	(805) 325-1947
Merrick	Dustin	Applied Earthworks	(805) 458-8714
Messer	Ishmael	Ca OES	(805) 358-1123
Michel	Jacqueline	NOAA	(803) 513-5650
Mikes	Tina	OMI	(832) 347-0071
Milbury	Jim	NOAA	(310) 245-7114
Millard	Hollis	C-K Associates	(281) 684-3433
Miller	Pat	SB Co	(619) 203-3008
Millner	Christine	CTEH	(501) 258-0915
Milton	Brian	EPA START	(510) 332-4439
Miranda	Belinda	SYCM	(805) 325-1321
Mitchell	Fred	Ponder	(707) 301-1823
Miyasato	Mona	SB Co CEO	
Mizota	Louise	LK Mizota & Assoc	(805) 252-6427
Mizuba	Michelle	CERT	(310) 429-8524
Mobley	Chris	NOAA	(805) 259-6540
Modugno	Andrew	Stantec	(805) 422-1450

Moe	Sean	Ca Fish & Wildlife	(619) 322-3989
Moghanabi	Nahal	US EPA	(213) 514-4361
Mohos	Joseph	NRDA	(818) 601-3024
Monahan	Eileeen	SB Co	(805) 451-8720
Mooney	Dan	OSHA	(925) 202-7485
Moore	Andrea	OSPR	
Moore	Kelly	SB Co Sheriff	(805) 689-9629
Morello	Paul	BCM	(805) 743-1805
Morello	Eddie	BCM	(805) 291-2342
Morello	Patricia	BCM	(805) 617-9891
Morello	Nikki	BCM	(805) 734-7926
Morello Jr.	Eddie	BCM	(805) 291-1263
Morey	Mark	US DOE	(805) 698-5244
Morris	Brett	Ca State AG	(510) 725-2052
Morrissette	Eric	US Fish & Wildlife	(760) 271-5443
Mosley	Dave	Patriot Environmental	(661) 340-7177
Mostellar	Sally	CTEH	(805) 451-0045
Moynard	Patrick	VCOS	(805) 797-3623
Muftah	Osama	SB Co	(805) 568-2543
Munns	Ann	Applied Earthworks	(805) 451-5825
Munoz Pena	Joel	OC&C	(562) 824-6151
Murphy	Dori	WOB	(516) 996-7348
Murphy	Cindy	OSPR	(916) 616-4515
Murray	Matt	SB Co	(805) 452-3602
Muskat	Judd	OSPR	(916) 216-1301
Myers	Douglas	Plains	(917) 750-1464
Myers	Christopher	EPA START	(720) 837-0690
Navarro	Ray	SB Co FD	(805) 896-6403
Navarro	James	SYCM	(805) 636-4949
Navarro	Christina	Applied Earthworks	(661) 487-7277
Nelson	Jack	ACTI	(714) 869-4534
Nepote	John-Paul	Plains	(925) 765-3177
Newcomb	Michelle	Applied Earthworks	(805) 757-8820
Newkirk	Andy	City of Goleta	(603) 969-1482
Nguyen	Chinh	Plains	(832) 387-8776
Nguyen	Phillip	US DOT	(909) 615-0792
Nguyen	Nghia	Ca Volunteers	(916) 254-9884
Nicchitta	Andrew	Padre	(626) 818-2421
Nichols	Keith	C-K Associates	(225) 252-6526
Nisich	Terri	SB Co	(805) 450-8296
Nocerino	Eric	Applied Earthworks	(720) 883-6507
Nocker	Nicolas	SB Co	(805) 637-1970
Norris	Anastasia	OSPR	(310) 310-9917

Norris	Wyn	OMI	(281) 795-5787
Nosbaum	Mike	WOB	(707) 601-6892
Oaks	Steve	SB Co FD	(805) 451-6801
O'Gorman	Mary	SB Co Supervisor	(805) 568-2191
O'Grady	Shawn	SB Co Sheriff	(805) 331-8442
O'Leary	Tim	WOB	(281) 352-7740
Olmstead	Brian	SB Co Sheriff	(805) 452-7756
Olmstead	Chris	SB Co FD	(805) 896-6341
Olson	Mark	Plains	(281) 435-4957
Orr	Howard	SB Co FD	(805) 794-5102
Orr	Jason	SB Co FD	(661) 305-2630
Ortega	Marcos	Ca State Parks	(805) 331-4144
Osborne	Bob	Plains	(661) 979-7003
Osterlund	Steve	WGR	(310) 628-1096
Ostrowski	Henry	NOAA	(805) 387-0905
Palmer	Darren	Plains	(661) 978-4915
Panasiuk	James	CTEH	(501) 952-3972
Pantoja	Mark	EPA START	(415) 238-7763
Parker	Jim	ISS	(903) 520-8773
Parker	Kelly	Coast Guard	(907) 654-4112
Passalacqua	David	Ponder	(707) 303-4328
Patterson	Donald	SB OEM	(805) 696-1191
Pavel	Kai	Stantec	(805) 648-1499
Pawson	Kevin	Clean Harbors	(310) 413-1829
Peak	Jessica	SB Co	(805) 234-2337
Pelato	Nelson	CHF	(805) 693-9320
Peljhan	Marko	BRI	(805) 705-1385
Peltier	Guy	Plains	(281) 217-0012
Perez	Rick	COCC	(805) 207-7162
Perez	Peuyoko	COCC	(805) 231-0229
Perez	Vince	Coast Guard	(843) 209-0046
Perez Jr	Rick	COCC	(805) 444-9354
Permut	Melissa	Veg-land Inc	(714) 356-0571
Peterson	Robert	Applied Earthworks	(805) 588-2364
Phillips	Jeff	US Fish & Wildlife	(415) 652-6502
Pina	Marushka	WOB	
Plastino	Rob	SB Co Sheriff	(805) 896-2394
Plaza	Matt	Ca Fish & Wildlife	(831) 601-3604
Poch	Ben	ISS	(318) 218-6888
Poley	Jason	SB Co	(805) 896-1534
Polos	Marguerite	SB City	(805) 689-8985
Ponder	Jim	Ponder	(707) 333-6260
Pope	Allison	Coast Guard	(785) 766-1098

Posekian	Keith	Stantec	(805) 338-5650
Potstada	Sandi	OSPR	(916) 202-6478
Poulter	Simon	Stantec	(805) 701-1581
Price	Dave	Ca Fish & Wildlife	(707) 322-6681
Pritchett	Daniel	SB Co FD	(805) 680-7512
Pryor	Rachel	NOAA	(206) 379-2454
Puckett	Tony	Plains	(713) 306-3298
Putih	Zubir	CERT	(818) 618-6818
Quarterman	Vossey	Worley	(985) 237-9277
Quinones	Joseph	BCM	(805) 259-8926
Quinones	Ray	BCM	(805) 667-9666
Quinones	Melinda	BCM	(702) 465-7073
Race	Steve	Plains	(818) 400-9502
Race	Mike	Plains	(818) 631-8094
Radcliff	Keith	ISS	(903) 721-5030
Randall	Kathy	Plains	(805) 657-6764
Rangel	Alonzo	COCC	(805) 861-3373
Rasmussen	Jan	SB Co Exec Office	(707) 342-0937
Reczneczek	Yavonne	BCFS	(210) 749-8062
Reese	Michael	NRC	(518) 982-5752
Reilly	David	NOAA	(562) 254-1055
Reitherman	Bruce	SB Co Energy	(805) 959-4680
Rendon	Ruben	Plains	(562) 843-3560
Rendon	Jason	Coast Guard	(808) 628-0062
Retallack	Alexia	OSPR	(916) 952-3317
Reyes	Adam	OSPR	(916) 869-5116
Reyes	Jason	Aerotek	(310) 663-3775
Reyes-Martin	Luz	City of Goleta	(714) 501-7158
Rhodes	Dale	CTEH	(360) 595-7718
Riedel	Jim	NRC	(206) 550-0648
Rivera	Marvin	COCC	(805) 588-5381
Rivera	Julio	Plains	(713) 449-1536
Rivera	Josh	COCC	(805) 588-5299
Roberts	StephAnnie	Stantec	(805) 427-4873
Roberts	Mia	OSPR	(661) 361-6256
Robinson	Tiana	Stantec	(519) 505-3438
Robles	Armando	Plains	(713) 376-6290
Rockabrand	Ryan	SB OEM	(805) 330-5080
Rodriguez	J.Rudy	Plains	(562) 833-6684
Rodriguez	Sal	Plains	(925) 349-8269
Rogers	Richard	Ca Fish & Game Comm	(805) 455-2944
Rogow	Michelle	US EPA	(415) 595-8347
Romero	Amado	Applied Earthworks	(805) 680-6949

Romero	Nicole	SYCM	(805) 451-7939
Romero	Gilbert	CHF	(805) 325-3043
Romero	Freddie	SYCM	(805) 688-7997
Romero	Anna	SYCM	(805) 717-0511
Rommel	Brian	Plains	(832) 248-8771
Romo	Ben	SB Co	(805) 680-7623
Root	Roger	US Fish & Wildlife	(805) 701-5754
Root	Mary	US Fish & Wildlife	(805) 646-4748
Rosenberg	Dennis	Ca Fish & Wildlife	(805) 614-4183
Rubio	Helen	SYCM	(760) 484-0392
Rubio	Orin	SYCM	(559) 920-5942
Ruder	Mark	Plains	(661) 910-4105
Rudley	Mike	Patriot Environmental	(562) 244-2270
Rugaard	Karen	Plains	(281) 216-6347
Ruiz	Esther	COCC	(805) 965-8983
Ruiz	John	COCC	(805) 965-8983
Russell	Evan	Coast Guard	(251) 635-2236
Ryman	Dana	CTEH	(409) 692-0387
Saavedra	Ashley	Plains	(510) 260-9092
Saba	Noor	Stantec	(661) 578-3779
Sanchez	Carlos	NRC	(510) 915-4052
Sandoval	Samantha	BCM	(916) 678-2022
Sanford	Gary	Plains	(713) 534-7150
Santacana	Cesar	Coast Guard	(805) 896-6788
Santoni	Malinda	OSPR	(562) 499-9699
Santoyo	Cele	SB Co	(805) 696-2918
Santy	Jenna	Applied Earthworks	(858) 774-6956
Sawant	Anuya	Stantec	(805) 341-9514
Scherer	Nora	Stantec	(651) 491-1565
Scherz	Andrew	CTEH	(501) 258-7077
Schmid	Michael	SB Co	(805) 216-4812
Schommer	Mike	OSPR	(707) 416-1141
Schooler	Nick	OSPR	(805) 570-4850
Schroeder	Richard	SB Co FD	(805) 689-5288
Schulte	Todd	Plains	(307) 797-3379
Schwarz	Shawn	Plains	(562) 519-9894
Scotka	Danelle	Plains	(281) 513-1787
Scouten	Jennifer	CERT	(804) 944-2128
Scranton	Tom	Patriot Environmental	(702) 501-7020
Scranton	Alex	Patriot Environmental	(818) 442-2890
Seay	Stephanie	Padre	(805) 674-7588
Selby	Chase	CTEH	(501) 515-2774
Senner	Bill	Plains	(562) 221-8211

Servidio	Joe	Coast Guard	
Settle	Ashley	Plains	(904) 629-0805
Shadkamyan	Amy	UC SB	(805) 448-2189
Shafer	Allen	Plains	(307) 259-1289
Sharber	Dustin	Stantec	(949) 351-0800
Sharber	Dakota	Stantec	(714) 717-4828
Sheaff	Jessica	SB Co	(805) 406-0116
Shestag	Carol	Stantec	(805) 509-0377
Shiraishi	David	OSHA	(510) 410-9414
Shive	Brian	Plains	(832) 341-4718
Shorr	Ben	NOAA	(206) 280-5336
Shuman	Craig	Ca Fish & Wildlife	(916) 215-9694
Siegmund	Karl	Coast Guard	(909) 477-7652
Seimann	Taylor	Patriot Environmental	(805) 679-3297
Simmons	David	US Fish & Wildlife	(805) 665-8029
Simmons	Matt	Clean Seas	(954) 232-2968
Sironen	Heather	OSPR	(916) 730-9992
Skelton	Scott	CTEH	(501) 952-9621
Slayman	Jennifer	SB Co	(805) 680-3507
Sleeger	Preston	WOB	(503) 686-3158
Smith	Phil	Plains	(713) 851-1765
Smith	James	Coast Guard	(251) 644-1785
Smith	Stacie	NOAA	(805) 570-5166
Smith	Larry	Ship Services	(805) 233-0875
Smith	Nicki	OSPR	(916) 849-0518
Smith	Matt	SB Co	(805) 346-7398
Sobieski	Dan	WOB	(714) 342-6358
Sodusta	Jaime	SB Co	(805) 705-1341
Spratt	Ashley	US Fish & Wildlife	(573) 356-5593
Springs	Damien	WGRSW	(818) 524-0424
Spurlin	Sharon	Plains	(281) 455-2084
Stackhouse	Mike	Plains	(281) 654-7985
Standley	William	US Fish & Wildlife	(805) 644-1766
Stanley	Lindsey	Ca OES	(805) 452-0070
Stanton	Beckye	CA Fish & Wildlife	(916) 216-6299
Stewart	Joe	OSPR	(916) 205-8661
Stewart	Loumania	Coast Guard	(801) 603-6980
Stoddard	Matt	SB Co FD	(805) 268-2991
Stornetta	Anthony	SB Co FD	(805) 423-6406
Storrer	John	SB Co Energy	(805) 689-5982
Stout	Jordan	NOAA	(206) 321-3320
Strack	Zach	Coast Guard	(808) 432-1600
Strojek	Bob	CERT	(805) 705-5763

Stroud	Fred	US EPA	(702) 682-3272
Struble	George	Ca Fish & Wildlife	(818) 968-1087
Stultz	Dale	OSPR	(530) 768-4767
Su	Wendy	US EPA	(415) 947-4554
Sugarman	Susan	Ca Fish & Wildlife	(916) 215-8284
Sullivan	Laurie	NOAA	(707) 320-7232
Summerfield	Scott	SB Co	(510) 714-4470
Swartz	Sam	COCC	(805) 806-0348
Syre	Chris	Ca Fish & Wildlife	(562) 522-2950
Tai	Suu-Va	Ca Volunteers	(414) 425-1514
Tapawan	Lexter	NOAA	(206) 934-0357
Taylor	Rick	Plains	(562) 577-7007
Taylor	Rob	Plains	(918) 285-1170
Taylor	Sharon	Ponder	(707) 718-6580
Tejada	Barbara	CSP	(661) 435-3372
Thixton	Chris	Ca Fish & Wildlife	(562) 233-7095
Thorn	Bryan	NOAA	(410) 937-7403
Thomas	George	Stantec	(805) 276-4885
Thompson	Eric	NOAA	(805) 910-9707
Thornton	Carl	SB Co	(805) 207-3653
Todd	Ryan	Ca Fish & Wildlife	(916) 698-0036
Toney	Jeff	Ca OES	(562) 810-8419
Toney	Joe	SB Co Exec Office	(509) 251-8393
Topliffe	Carrie	SB Co	(805) 570-6970
Torres	Sonia	OSPR	(562) 370-6794
Touth	Jane	US Dept Interior	(805) 320-3170
Trego	Marisa	NOAA	(650) 888-8609
Trevino	Linda	BCM	(805) 264-0542
Trevino	Angel	BCM	(805) 319-6228
Troy	Bob	SB OEM	(805) 883-8036
Tryon	Thea	CCWB	(805) 542-4776
Turner	Adam	Plains	(661) 910-8729
Turner	Keith	Plains	(562) 216-3281
Unzueta	Clint	SYCM	(805) 350-8996
Unzueta	Gil	Applied Earthworks	(805) 807-7179
Unzueta	Chris	SYCM	(805) 325-3207
Uslan	Jeff	Flamesniffer	(805) 498-3568
Valentine	David	UC SB	(805) 729-5431
Valenzuela	Troy	Plains	(713) 444-6984
Valenzuela	Noe	OC&C	(562) 234-6584
Vassallo	Amy	Coast Guard	(949) 510-7857
Velazquez	Brandon	Coast Guard	(954) 803-2411
Velez	Loryann	BCM	(805) 252-1612

Venkat	Manjunath	Stantec	(805) 358-9479
Vetters	Josh	WOB	(979) 665-6355
Victoria	Jon	Ca Fish & Wildlife	(310) 413-6533
Viezbicke	Justin	NOAA	(562) 506-4315
Viola	Sloane	OSPR	(415) 497-1950
Vollbrecht	Kevin	NOAA	(818) 929-5416
Voss	James	NRVP	(909) 648-6313
Vreeland	Mary	CTEH	(310) 944-1914
Wada	Takashi	SB Co Health Dept	(805) 319-0474
Wageneck	Lael	SB Co	(805) 636-9204
Wagner	Nancy	Ca Fish & Wildlife	(831) 419-1459
Waldon	Maggie	US EPA	(415) 940-1109
Waters	Kris	NOAA	(805) 791-7876
Watkinson	Anastasia	WOB	(985) 956-1300
Watson	Kyle	Global Diving	(206) 963-8138
Weaver	Bryan	SB Co FD	(805) 896-6338
Weaver	Jennifer	NOAA	(386) 341-6917
Weaver	Charles	Clean Harbors	(231) 384-1347
Weber	Michael	Stantec	(805) 477-8580
Weigand	Jim	USDI BLM	(916) 716-4809
Weghill	Jim	COCC	(805) 291-7064
Welch	Billy	Plains	(432) 413-8391
Wells	Anne	City of Goleta	(805) 637-4397
Welsh	Michael	NOAA	(303) 717-2866
Westervelt	Jeff	OSPR	(916) 212-1367
White	Chris	ISS	(903) 721-9681
White	Greg	OSPR	(805) 458-1879
White	Cassandra	OSPR	(916) 508-2641
White	Jennifer	NOAA	(985) 634-9912
Whitebear	Sean	COCC	(805) 472-2489
Whitlock	Janet	US Fish & Wildlife	(916) 769-3918
Wickes	Brian	Stantec	(415) 233-0326
Wiggins	Chris	NOAA	(404) 392-6710
Wilkin	Sarah	NOAA	(240) 429-9161
Wilkin	Chris	Flamesniffer	(805) 418-7979
Williams	Jennifer	Coast Guard	(562) 355-3672
Williams	Vincent	Coast Guard	(757) 567-8636
Williams	Darren	ACTI	(661) 747-6444
Wilson	Allison	Plains	(213) 925-9633
Wilson	Ken	OSPR	(805) 558-1006
Wolf	Janet	SB Co Supervisor	(805) 568-2191
Wolff	Jean-Pierre	CCWB	(805) 234-7196
Wong	Howard	LA FD Inv	(213) 725-6313

Woods	Ron	Clean Harbors	(831) 251-5107
Workman	Darin	WOB	(985) 201-4339
Wright	Johnny	Plains	(432) 638-6363
Wright	Rob	SB Co Sheriff	(805) 896-5371
Wrobel	Mark	Clean Seas	(310) 613-2566
Yee	James	BCM	(805) 968-1606
Young	Rebecca	NOAA	(805) 893-6420
Young	Matt	Co SB Planning	(805) 568-2513
Yukihiro	Richard	Patriot Environmental	(562) 244-2764
Zamora	Michael	OSPR	(916) 271-6439
Zane	Jeff	Stantec	(805) 340-5768
Zavalla	Takita	SYCM	(805) 245-5271
Zavalla	Tani	SYCM	(805) 861-4113
Zavalla	Chanse	SYCM	(805) 325-5400
Zavalla	Nakia	SYCM	(805) 245-0710
Zavalla	Joe	CHF	(805) 245-2542
Zavallo	Tony	COCC	(805) 448-6839
Zaviodaver	Gil	Ventura Co Sheriff	(805) 947-8054
Zellmer	Mark	Stantec	(714) 742-9131
Ziccardi	Mike	OWCN	(530) 979-7561
Zonana	David	Ca State AG	(510) 417-7258
Zubiate	Selena	BCM	(805) 743-1805
Zuroski	Donn	US EPA	(415) 971-6829
Zuroski	Ray	US EPA	(650) 303-3339

1. Incident Name: Refugio Location: Refugio Staging	2. Operational Period 10 (Date / Time) From: 05/20/2015 0800 To: 05/21/2015 0559	MEDICAL PLAN ICS 206-CG

3. Medical Aid Stations

Name	Location	Contact #	Transport Availability
American Medical Response Paramedic/EMT team	Refugio Staging 193 Refugio Road Goleta, CA 93117	William Green 805-290-2980	Yes
Santa Barbara County Fire Rescue	Incident Command Center	805-896-6333	No
Medical Station/Field Nurse	Refugio Staging 193 Refugio Road Goleta, CA 93117	805-451-0971	No

4. Transportation

Ambulance Service	Address	Contact #	Care Capability
American Medical Response	243 East Hwy 246 Buellton, CA 93117	805-245-3424 Need Medic Phone	Paramedic/EMT team
CALSTAR 7 (air medical transport team)	3998 Mitchell Road Santa Monica, CA 93455	805-936-9038	Advanced Practice, 2 Nurse team
Santa Barbara County Air Support (air medical transport team with hoist capabilities)	906 Airport Road Santa Ynez, CA 93460	805-692-5723	2 Paramedic team
Santa Barbara County Fire Rescue, and dispatch center	4408 Cathedral Oaks Road Santa Barbra	805-692-5723	Paramedic

5. Hospitals

Hospital Name	Address	Contact #	Travel Time		Burn Center	Helipad
			Air	Ground		
Goleta Valley Cottage Hospital	351 South Patterson Ave, Santa Barbara, CA 93111	805-967-3411	N/A	20min		No
Grossman Burn Center	7300 Medical Center Drive West Hills CA	818-676-4177	20 min	1.25 hours	Yes	Yes
Santa Barbara Cottage Hospital	400 West Pueblo Street Santa Barbara, CA 93105	805-682-7111	8 min	27 min	No	Yes

6. Special Medical Emergency Procedures

1. Life threating emergencies call 911, give location were emergency is, notify direct supervisor ASAP.
2. Non-life/limb threatening illness or injury: notify direct supervisor and follow "medical reporting procedures" and render first aid call Medical Filed Nurse for further direction or treatment 805-451-0971.
3. If an ambulance is requested to transport an illness or injury in the field: have them report to nearest drop point location, indicated on the attached map and send a designee to the road to guide medical services to emergency location.
4. All illnesses and injuries will be reported on Incident Reporting Line 805-451-1014.

Essential reporting information for EMS provider

1. Nature of injury
2. Location of patient and point of contact
3. Point of contact
4. Age and gender of patient

7. Prepared by: (Medical Unit Leader)	Date/Time	8. Reviewed by: (Safety Officer)	Date/Time
Sally Mostellar RN/Josh Cazier EMTP	05/20/2015	[signature]	5-31-15

1. Incident Name: Refugio Location: Ventura Decontamination Group	2. Operational Period (Date / Time) From: 0600 06/01/2015 To: 0600 06/02/2015	MEDICAL PLAN ICS 206-CG

3. Medical Aid Stations

Name	Location	Contact #	Paramedics On site (Y/N)
American Medical Response Paramedic/EMT Team	T and T Truck and Crane 1375 North Olive St Ventura, CA 93001	805-517-2010	Yes

4. Transportation

Ambulance Service	Address	Contact #	Paramedics On board (Y/N)
American Medical Response	616 Fitch Ave. Moorpark, CA 93021	805-517-2010	Y
Gold Coast Ambulance	200 Bernoulli Circle, Oxnard, CA 93030	805-279-8160	Y

5. Hospitals

Hospital Name	Address	Contact #	Travel Time		Burn Ctr?	Heli-Port?
			Air	Ground		
Ventura County Medical Center (VCMC)	3291 Loma Vista Rd. Ventura, CA 93003	805-652-6000	8/min	15/min	No	X
Community Memorial Hospital	147 North Brent St, Ventura, CA 93003	805-652-5001	5/min	15/min	No	X
Saint John's	1600 North Rose Ave, Oxnard CA 93030	805-988-2500	5/min	15/min	No	X
Grossman Burn Center	7300 Medical Center Drive West Hills, CA	818-676-4177	1/HR	30/min	Yes	X
U.S. HealthWorks (Occupational Medicine)	1851 North Lombard, Suite 100, Oxnard CA	805-983-2234	N/A	15/min	No	No

6. Special Medical Emergency Procedures

1. Life threating emergencies call 911, give location were emergency is located, notify direct supervisor ASAP.
2. Non-life/limb threatening illness or injury, notify direct supervisor and follow "medical reporting procedures" and render first aid call Medical Filed Nurse for further direction or treatment 805-451-1014
3. All illnesses and injuries will be reported on Incident Reporting Line 805-451-1014

Essential Reporting Information for EMS Providers:

1. Nature of injury
2. Location of patient (address or geographic location) and point of contact
3. Age and Gender of patient

7. Prepared by: (Medical Unit Leader)	Date/Time 05/31/15	8. Reviewed by: (Safety Officer)	Date/Time 5-31-15

Medical Access
Drop Point Locations
Tajiguas Creek 34.46398 -120.10006
DP7
DP8
Release Point
Refugio Creek 34.46273 -120.06969
DP9
Bike Path from Refugio Beach @ Venadito Creek 34.46192 -120.05328
DP10
Bike Path - Ramp 34.46291 -120.0444
DP11
Entry to Bike Path - West El Capitan State Beach 34.46341 -120.03531
DP12
Vehicle Access at El Capitan Beach Pkg Lot 34.4586 -120.02506
DP13
El Capitan Ranch @ Las Llagas Crk 34.45815 -120.00181
DP14
Gato Creek Access 34.45007 -119.98774
DP15
Dos Pueblos Creek 34.44073 -119.96454
DP16
Division L
Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community
0 0.55 1.1 1.65 2.2
Miles

California Department of Fish and Wildlife
Office of Spill Prevention and Response

Refugio Incident
Overview Map
Medical Access

WEATHER FORECAST FOR MONDAY 1 JUN 2015.

A TROUGH WILL MOVE INTO THE REGION AND LINGER INTO MID WEEK AND THIS WILL RESULT IN ONSHORE FLOW AND AN OVERALL COOLING TREND. AFTER ONE MORE WARM AFTERNOON... TEMPERATURES WILL DROP TO A FEW DEGREES BELOW SEASONAL NORMALS BY TUESDAY AND WEDNESDAY. LOW CLOUDS AND FOG WILL MOVE ONSHORE OVERNIGHT THEN CLEAR EACH DAY BY MIDDAY. WINDS WILL INCREASE IN THE AFTERNOON AND EVENING HOURS BUT WILL REMAIN BELOW 15 MPH.

MIXED SWELLS ORIGINATING FROM THE SOUTHERN OCEAN AND FROM TROPICAL STORM ANDRES WILL PERSIST INTO MID WEEK THOUGH THE CHANNEL ISLANDS WILL BLOCK THE BULK OF THE SWELLS FROM REACHING THE SPILL AREA. SURF WILL BUILD UP TO 2 TO 3 FEET BY MONDAY AND CONTINUE THROUGH WEDNESDAY.

	Mon 1 Jun	**Tue 2 Jun**	**Wed 3 Jun**
Low	0338, -0.4ft	0413, -0.6ft	0451, 0.8ft
High	0948, 3.5ft	1029, 3.5ft	1111, 3.5ft
Low	1449, 1.6ft	1524, 1.7ft	1601, 1.8ft
High	2100, 5.5ft	2134, 5.6ft	2010, 5.6ft
LOW TEMP	59	58	57
HIGH TEMP	75	76	73

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	INCIDENT BRIEFING
Refugio Incident	**From** 06/01/2015 06:00 **To** 06/03/2015 05:59	Ops Period 11	ICS 202-CG

3. Objective(s)

Ensure the safety of response personnel and the public.

Continue to evaluate the oil impacts
a. At release site
b. Between pipe and beach
c. Beach cleanup
d. Evaluate SCAT

Continue to prevent migration of oil from release site to shoreline

Continue to recover discharged oil from impacted areas, both public and private, and manage waste according to plan.

Continue to ID and protect environmentally sensitive areas

Continue to protect culturally sensitive areas including wildlife.

Keep public and stakeholders informed

Minimize economic impacts

Repair pipeline safely

Provide for the recovery and care of oiled wildlife.

Differentiate incident oil from other reports of oil.

Demonstrate progress towards endpoints.

4. Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions)

Anticipate problems and plan resolutions.

Limitations and Constraints
Tides
Access to beach
Location
Weather System
Permitting with the county and other authorities
Cultural Considerations
Nesting season
Hotel accomodations
Protection of Critical Infrastructure

Ensure continuity of Incident Command Post Operations

All response related media releases require Unified Command approval

Keep Unified Command aware of VIP request

Immediately report any injuries, public or responders, to the Unified Command

Priorities
Safety
Security - **Maintain Situational Awareness**
Wildlife impacts - Notify Unifed Command
Discharge quantities
Recovered quantities
Beach open
Source control
Protect cultural resources
Public information dissemination
Establish onshore soil end points - Environmental Unit

Generated by Witt O'Brien's

Changes in impacted beaches require that Santa Barbara County Public Health, Dr. Wada, be notified.

Ensure all operations are conducted in accordance with the approved plan.

Keep the Unified Command informed of volunteer needs.

Approved Site Safety Plan Located at the SBCOEM with the Safety Officer

Prepared by (Operations Section Chief)	**Date/Time**
kjellison	05/31/2015 15:50