June 6, 2015 Daily Report

(Presenting June 5 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) anticipated problems and planned resolutions, 2) significant developments, 3) work performed, 4) treatment and disposal information, 5) analytical data received, and 6) schedule of work. The following attachments contain detailed information pertaining to each listed element:

- **Summary of Anticipated Problems and Resolutions** (June 6)
    - Anticipated problems and planned resolutions

- **Executive Summary** (describing prior day, June 5)
    - Significant Developments
    - Work Performed
    - Disposal Information

- **Incident Status Summary Form 209** (Effective June 5 07:00 – June 6 06:59)

- **CTEH Summary of Environmental Sampling Efforts** (June 5)
    - Analytical Data Received to Date

- **Incident Action Plan** (Effective June 5 06:00 – June 7 05:59)
    - Schedule of Work to be Performed (Form 204)

Summary of Anticipated Problems and Resolutions

Refugio Incident

June 6, 2015

Anticipated Problems	Planned Resolutions
• Cultural considerations.	• Continue to work with cultural monitoring specialist to ensure we have resources available to monitor all response activities in cultural sensitive areas. Agreement reached between cultural rep. and UC regarding excavation activities in the Sec. 4. We will continue to coordinate as needed.
• Safety related issues referring to highway traffic on 101 near Refugio Staging and Section 1 entrance and exit.	• Signage has been placed near lane closures, crews have been instructed regarding access, crews will continue to monitor the need for additional signage and/or personnel to provide safe access.
• Workers in Section 4 (within the hot zone) are required have proof of respirator fit test. On June 5 one of the workers was not able enter the area because his fit test certification was not available on hand. Worker was certified, just no proof on site.	• Communicate to all incoming personnel that all required certifications will be needed prior to entering the site.

Incident Command Post Santa Barbara
Refugio Oil Spill
Unified In All Missions
Status as of:
05 Jun 2015 / 2000 PDT / Response Day 18
www.refugioresponse.com

Executive Summary

The ICP is currently overseeing operations in Santa Barbara and Ventura County from Gaviota to Point Mugu, 80 miles of shoreline, 30 miles of offshore and inland where the response originated. Plains All American estimates that the maximum potential release is 101,000 gallons spilled.

A separate Incident Command Post was established in the South Bay of Los Angeles and Orange Counties to respond to tar ball sightings in that area. The ICP for the Refugio Incident is responding to sightings in Santa Barbara and Ventura County. 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.

The SCAT end point for Division A was signed off today, with the caveat that additional monitoring is recommended due to documented natural seeps in the area.

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 Mugu (east) and 2 miles west of Arroyo Hondo (west). These areas have been targeted for manual removal as needed.

Potential Impacts

- As free-floating oil progressed east, Coal Oil Point, Haskell Beach, Bacara 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.

Response Efforts

- Onshore:
    - Work continued on the bluff, with no impact from today's AIDS LifeCycle bicycle event. Lane closures are expected to continue daily from 0900 to 1500.
- Shoreline:
    - Work crews continue clean up at work sites from Gaviota Creek, Santa Barbara County, to Hollywood Beach, Ventura County.
    - A heavy grunion run on Refugio and El Capitan beaches will result in minor restrictions on vehicle and digging operations for the next several days. However, this shouldn't have any major impact on the current brushing and cobble cleaning operations.
    - 1,080 feet of hard and sorbent boom remain in place, protecting 3 sensitive sites as identified in the ACP.

- Today, the State Park extended Refugio and El Capitan state beach closures to 25 June.

- On Water:
  - The assigned 17 vessels continued skimming operations of free-floating oil to help minimize potential impact to ongoing shoreline cleanup activities. 0 gallons of oily water mixture was collected today, therefore the cumulative total remains 14,267 gallons. On water operations will be scaled back to snare operations only, beginning Saturday, 6 June.
  - The on water recovery group utilized 6000 ft of hard and sorbent boom.
  - Oil was observed from scheduled NOAA over-flights. This 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.
  - 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.
  - A 23 mile by 6 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 6 Jun 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.

Impact Measurements

	TOTAL Birds			**TOTAL Mammals**		
Date	Live	Dead	Date Totals	Live	Dead	Date Totals
5 Jun 2015	0	13	13	1	2	3
Cumulative Total	58	136	194	43	67	110

	Shoreline Oiling Categories (miles and %) - Refugio Incident													
Most Recent Survey Date	**Heavy**		**Moderate**		**Light**		**Very Light**		**Tar balls (<1%)**		**No Oil Obs.**		**Total Oiled Shoreline**	**Total Surveyed Shoreline**
6/4/2015	**3.97**	**5.0%**	**18.20**	**22.9%**	**23.44**	**29.4%**	**6.40**	**8.0%**	**21.68**	**27.2%**	**5.92**	**7.4%**	**73.69**	**79.61**

Waste Management (as of 5 June 2015)		
Material	**Estimated Daily Total Removed (cubic yards)**	**Estimated Cumulative Total Removed (cubic yards)**
Oiled Sand	0	630
Oiled Vegetation	0	645
Oiled Debris/PPE	0	270
Oiled Soil	0	3,840
Culvert Soil	20	70
Absorbent	0	120

External Affairs

- The AIDS LifeCycle biking event took place today with no issues.
- Helicopter overflights are being planned for a 2 media outlets (CNN and a local station).

Tribal and Elected Officials

- Chumash Tribal Members continue to provide cultural and archeological guidance and oversight as needed. 44 cultural monitors and 9 archeologists are supporting the response.
- Congresswomen Capps toured the pipeline area with reps from the UC and PHMSA. Discussion focused on pipeline safety and regulatory procedures.
- **Personnel Involved**
- 1,287 workers are engaged in Field Operations.
- 124 personnel are assigned to the ICP.

1. Incident Name	2. Operational Period (Date / Time)	INCIDENT STATUS SUMMARY ICS 209-CG
Refugio incident	From: To: Time of Report 05Jun15/0700 to 06Jun15/0659 05/1900	

3. Type of Incident

☒	Oil Spill	☐	HAZMAT	☐	AMIO
☐	SAR/Major SART	☐	SI/Terrorism	☐	Natural Disaster
☐	Marine Disaster	☐	Civil Disturbance	☐	Military Outload
☐	Planned Event	☐	Maritime HLS/Prevention	☐	

4. Situation Summary as of Time of Report:

Response Day #18, IAP #13

The SCAT end point for Division A was signed off today, with the caveat that additional monitoring is recommended due to documented natural seeps in the area.

The assigned 17 vessels continued booming (with both hard and sorbent boom) and skimming operations. 0 gallons of oily water mixture was collected today, therefore the cumulative total remains 14,267 gallons.

SCAT Teams have assessed approximately 79.61 miles of shoreline. Of that, 3.97 miles was heavily impacted, 18.20 miles was moderately impacted, 23.44 miles was lightly impacted, 6.40 miles was very lightly impacted, 21.68 miles was reported with tar balls, and 5.92 miles was identified with no impact. The total miles of impacted shoreline is 73.69 miles.

There are 1,287 personnel conducting field operations, and 124 personnel in the ICP. The following cumulative totals have been reported removed by waste management; 630 cubic yards of oiled sand, 645 cubic yards of oiled vegetation, 270 cubic yards of oiled debris/ PPE, 3,840 cubic yards of oiled soil, 70 cubic yards of culvert soil, and 120 cubic yards of absorbent material. An estimated 600 bbls of product was pumped from the pipeline.12 sites from Gaviota to Arroyo Burro have been identified as sensitive by the ACP; Booming strategies were initially deployed in accordance with the ACP, however boom has been removed from all except 3 sites. Currently, 540 ft of hard boom, and 540 ft of sorbent boom are being used to protect these ACP sites; totaling 1,080 feet.

The on water recovery group has deployed 6,000 ft of hard and sorbent boom.

A total of 7,080 ft of boom is been assigned.

Wildlife reports (to date) 58 fowl captured, 136 fowl dead, 43 mammals captured, and 67 mammals dead.

5. Future Outlook/Goals/Needs/Issues:

-Ensure the safety of response personnel and the public
-Continue to evaluate the oil impacts
-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
-ID and protect environmentally sensitive areas
-ID and protect culturally sensitive areas including wildlife
-Keep public and stakeholders informed
-Minimize economic impacts
-Repair pipeline safely
-Provide recovery and care of oiled wildlife.
-Differentiate seep oil from incident oil

6. Safety Status/Personnel Casualty Summary

*Total reflects OSHA Recordable standards IAW 29CFR1904 (beyond First Aid)	Since Last Report	Adjustments To Previous Op Period	Total
Responder Injury	0	0	1*
Responder Death	0	0	0
Public Missing (Active Search)	0	0	0
Public Missing (Presumed Lost)	0	0	0
Public Uninjured	0	0	0
Public Injured	0	0	0
Public Dead	0	0	0
Total Public Involved	0	0	0

7. Property Damage Summary

Vessel	$
Cargo	$
Facility	$
Other	$

8. Attachments with clarifying information

x	Oil/HAZMAT	☐	SAR/LE	☐	
☐		☐		☐	
☐	Marine Disaster	☐	Civil Disturbance	☐	Military Outload

9. Equipment Resources					
Kind	Notes	# Ordered	# Available	# Assigned	# Out of Service
USCG Assets					
Aircraft – Helo					
Non-CG/Other Assets					
Aircraft – Helo				2	
Aircraft – Fixed Wing				0	
Vessels (VOSS/Skimming)				17	
Vehicles – Vac/Tank Truck				3	
Vehicles - Other				253	
Heavy Equipment				6	

10. Personnel Resources	
Agency	**Total # of People**
Personnel assigned to the ICP	124
Engaged in Field Operations	1,287
Total Personnel Resources Used From all Organizations:	1,411

11. HAZMAT/Oil Wildlife Impacts (Since Last Report)

	TOTAL Birds			TOTAL Mammals		
Date	Live	Dead	Date Totals	Live	Dead	Date Totals
5 Jun 2015	0	13	13	1	2	3
Cumulative Total	58	136	194	43	67	110

12. Prepared by:	**Date/Time Prepared:**
Mr. Brian Cutts	05Jun2015 1900

1. Incident Name	2. Operational Period (Date / Time)	ICS 209-CG OIL/HAZMAT ATTACHMENT
Refugio Incident	From: 05Jun15/0700 To: 06Jun15/0659 Time of Report 05 Jun/1900	

3. HAZMAT/Oil Spill Status (Estimated, in gallons)

Common Name(s):

UN Number:	☐ Secured	☐ Unsecured
CAS Number:	Remaining Potential (bbl):	
	Rate of Spillage (bbl/hr):	

	Recovered	Previous	Total
Volume Spilled/Released			
Mass Balance - HAZMAT/Oil Budget			
Recovered Oily water mixture (Gal)	0	14,267	14,267
Evaporation/Airborne			
Natural Dispersion			
Chemical Dispersion			
Burned			
Floating, Contained			
Floating, Uncontained			
Onshore/pipeline (BBL)	0	600	
Total HAZMAT/Oil accounted for:	N/A	N/A	

Comments:

4. Oil Waste Management (Estimated, Since Last Report)

	Recovered	Previous	Total
Oiled Sand (cu yd)	0	630	630
Oiled vegetation (cu yd)	0	645	645
Oiled Debris/PPE (cu yd)	0	270	270
Oiled Soil (cu yd)	0	3,840	3,840
Culvert Soil	20	50	70
Absorbent (tons)	0	120	120

Comments:

5. HAZMAT/Oil Shoreline Impacts (Estimated in miles)

Degree of Impact	Affected	Cleaned	To Be Cleaned
Light			
Medium			
Heavy			
Total			

Comments:

7. Prepared by:	Date/Time Prepared:
Mr. Brian Cutts	05 Jun 2015 / 1900

CTEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH, LLC

Refugio Incident
Summary of CTEH® Environmental Sampling Efforts
June 5, 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– 06/04/2015

Media	Matrix	Sample Count
Water	Surface Water	123
	Water Column	48
	Culvert/Flush Water	2
Sediment	Beach Sediment[2]	18
	Ocean Sediment[3]	13
Soil	Backfill Soil	6
	Background Soil	11
Petroleum	Product/Tar Ball Sample	33
	Sheen/Seep	14

[2] Beach sediment samples are 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– 06/04/2015

		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	6/2/2015	0.05
	D001-M	5/22/2015	0.1	6/2/2015	0.053
	D001-D	5/28/2015	0.188	6/2/2015	0.052
	D003-S	6/1/2015	0.049	6/1/2015	0.049
	D003-M	No detections		6/1/2015	No detections
	D003-D	No detections		6/1/2015	No detections
Surface Water	SW01	5/26/2015	11.9	6/2/2015	0.067
	SW02	5/21/2015	697.111	6/2/2015	1.63
	SW03	5/26/2015	4.9	6/2/2015	ND

[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).

		Highest Detection		Most Recent TPH Result Received	
	Location	Date	TPH (mg/L)	Date	TPH (mg/L)
	SW04	5/21/2015	5.5	6/2/2015	ND
	SW05	5/25/2015	21.9	6/2/2015	0.064
	SW09	5/25/2015	1.2	6/2/2015	0.39
	SW10	5/21/2015	1.89	5/21/2015	1.89
	SW11	5/22/2015	1.96	6/2/2015	0.067
	SW12	5/29/2015	0.09	6/2/2015	0.176
	SW13	5/28/2015	0.57	6/2/2015	0.085

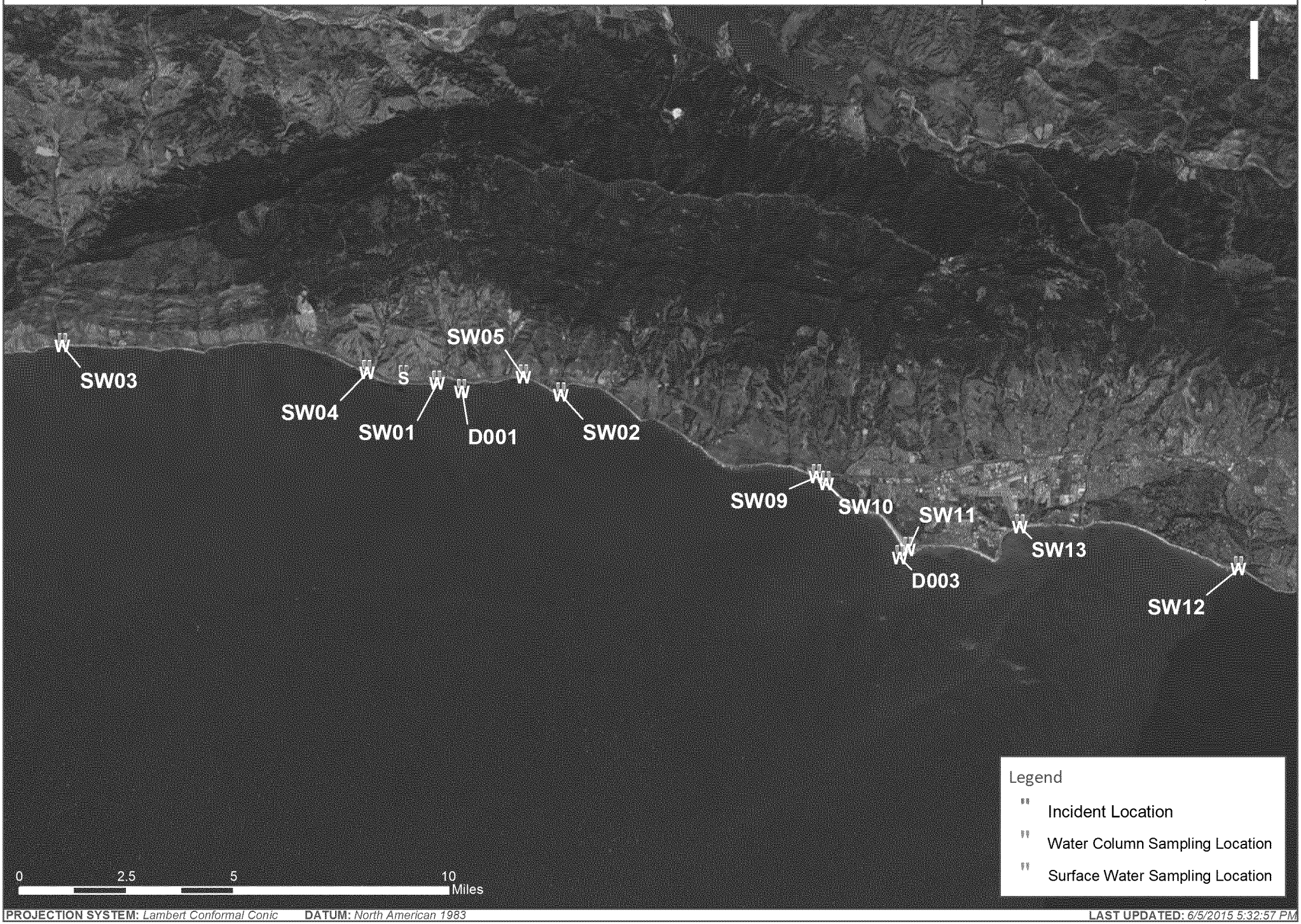
[4] The data presented within the table is considered preliminary and has not completed the complete QA/QC process.

CTEH

Water Sampling Locations

Refugio Incident | May 20, 2015 to June 4, 2015

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

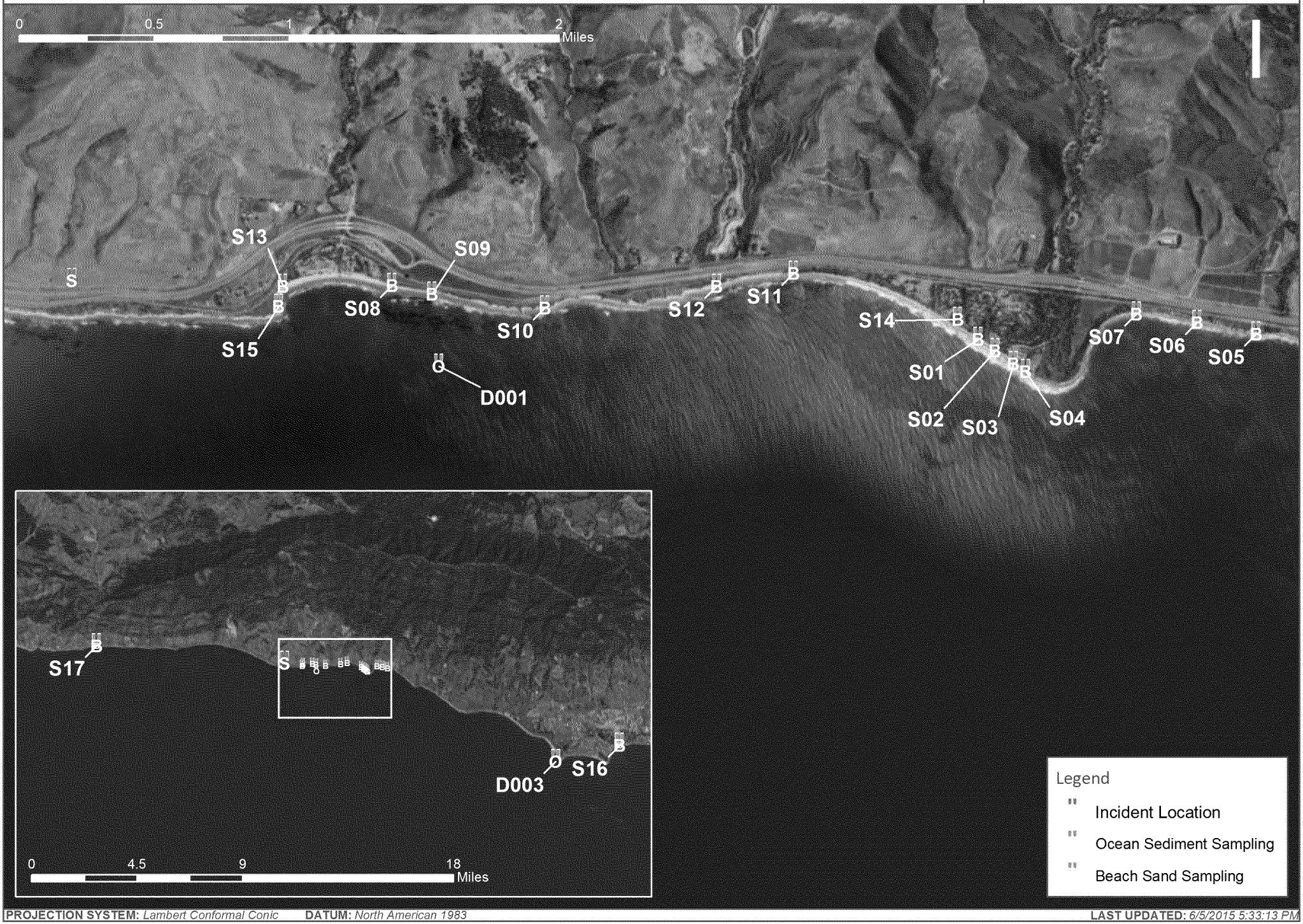


PROJECTION SYSTEM: *Lambert Conformal Conic* **DATUM:** *North American 1983* **LAST UPDATED:** *6/5/2015 5:32:57 PM*

Sediment/Sand Sampling Locations

Refugio Incident | May 23, 2015 to June 4, 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:** *6/5/2015 5:33:13 PM*

1. Incident Name	2. Operational Period to be covered by IAP (Date/Time)	Operational Period	CG IAP
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**COVER SHEET**

3. Approved by

ORG	Name
USCG	Captain C. Downey
U.S. EPA	S. Calanog
CAL DFW	Captain M. Crossland
Plains	P. Hodgins
SBCOEM	R. Troy

INCIDENT ACTION PLAN

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

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

Other Attachments

- ☒ Safety Messages

Incident Picture

4. Prepared by	Date / Time
Dan Sobieski	06/04/2015 07:20

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	INCIDENT BRIEFING
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	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)

Operationalize Seep Sampling

Aids/LifeCycle Ride Coordination Plan

Progress Demonstration Proposal

Sample Plan (Splits)

Anticipate problems and plan resolutions.

Implement Daily Reporting Requirements

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

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

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

Prepared by (Operations Section Chief)	Date/Time
ajholton	06/04/2015 08:25

1. Incident Name	2. Operational Period (Date/Time)	INCIDENT ORGANIZATION CHART
Refugio	From: 6/5/2015 06:00 To: 6/7/2015 06:00	ICS-207-CG

INCIDENT COMMAND

FOSC: USCG, Capt. C. Downey 310-707-7381
FOSC: US EPA, Tom Dunkelman 775-721-4712

SOSC: CDFW, Mark Crossland 805-550-2729
LOSC: SB OEM, M. Dyer 805-681-5526

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

SB OEM:
R. Rockabrand 805-330-5080
R. Troy 805-681-5524
D. Patterson 805-696-1191

PUBLIC INFORMATION OFFICER
K. Parker 512-731-2432

SAFETY OFFICER
Randy Fordham 661-332-9164

LIAISON OFFICER
G. 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
Aaron Holton 985-290-6634
Mike Oubre (D) 757-567-7503
Ryan Anderson (D) 281-224-9891

OPERATIONS SECTION CHIEF
Ryan Crider 504-453-9724
Kyle Jellison (D) 954-218-4935
Angelique Geyer (D) 415-720-4160
Jon Victoria (D) 310-413-6533

LOGISTICS SECTION CHIEF
Slade Strauch 281-217-2584
Jon MacArthur (D) 623-229-8875
Jeff Fridlund (D) 805-657-6764
Vince Williams (D) 757-567-8636

Supply Unit Leader
Karen Marvin 562-756-2575

Supply Unit
Casie Rizer
Kieth Turner
Joann Gonzales
Cassandra White
Kelly Abe
Heather Sironen
Brent Smith

FINANCE SECTION CHIEF
Brian Bryd 601-467-5266
Ruben Rendon 562-843-3560
Jim Jacoby 562-305-2406
Michael Rihani 281-658-9704

Cost Unit Leader
Allison Pope 785-766-1098

1. Incident Name	2. Operational Period (Date/Time)	INCIDENT ORGANIZATION CHART
Refugio	From: 6/5/2015 06:00 To: 6/7/2015 06:00	ICS-207-CG

OPERATIONS SECTION
Chief: Ryan Crider 504-453-9724
Deputy: Kyle Jellison 954-218-4935
Deputy: Shawn Ross 415-720-466
Deputy: Jon Victoria 310-413-6533

Staging Area Refugio Beach Manager
M. Rudley
562-244-2270

Staging Area 5th Mandalay Manager
D. Ramos
805-755-3300

Wildlife Branch
Laird Henkel
831-212-7665
Mike Ziccardi
530-979-7561

- **Recovery** — K. Parker, 530-979-7690
- **Field Stabilization** — N. Anderson, 530-771-7028
- **Care & Processing** — C. Florello, 530-979-6099; E. Otgan, 619-954-8185
- **Reconnaissance** — L. Henkel, 831-212-7665

DECON Group
E. Boyes
562-760-6940

- **Port Hueneme** — Walt Dorne, 562-244-2205
- **Ventura** — Alex Lopez, 562-244-2248
- **T&T Yard** — Charlie Roth, 562-244-4165

On-Water Group
Lanny Kippes
562-221-4510
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

Santa Barbara Recovery Branch
Jerry Mackay
918-285-0416
Jason Bergeron
281-414-7742

- **Protection Group**
  - **Division I/J** — Justin Lee, 918-399-0811; Curt Johnson, 774-238-2660
  - **Division K/L** — Jay Heaton, 951-201-1492; Steve Cadenhead, 850-605-6046
  - **Division M/N** — Sal Rodrigues, 925-349-8269; Josh Vetters, 979-665-6355
  - **Division O/P** — Levi Paulson, 701-206-0417; Dan Flynn, 314-277-1335
  - **Division Q/R/S/T** — Tyler Keller, 307-262-1421; Trent Sellinger, 504-382-3505

Ventura Recovery Branch
Eric Heap
307-799-8258
Don Murphy
516-996-7348

- **Division A/B/C** — Ed Shypkowski, 701-590-1254; Peter Gardner, 206-914-5131
- **Division D** — Terrell Flaharty, 504-214-7657; Peter Gardner, 206-914-5131
- **Division E/F/G/H** — Drew Engstrom, 307-251-6932; Peter Gardner, 206-914-5131

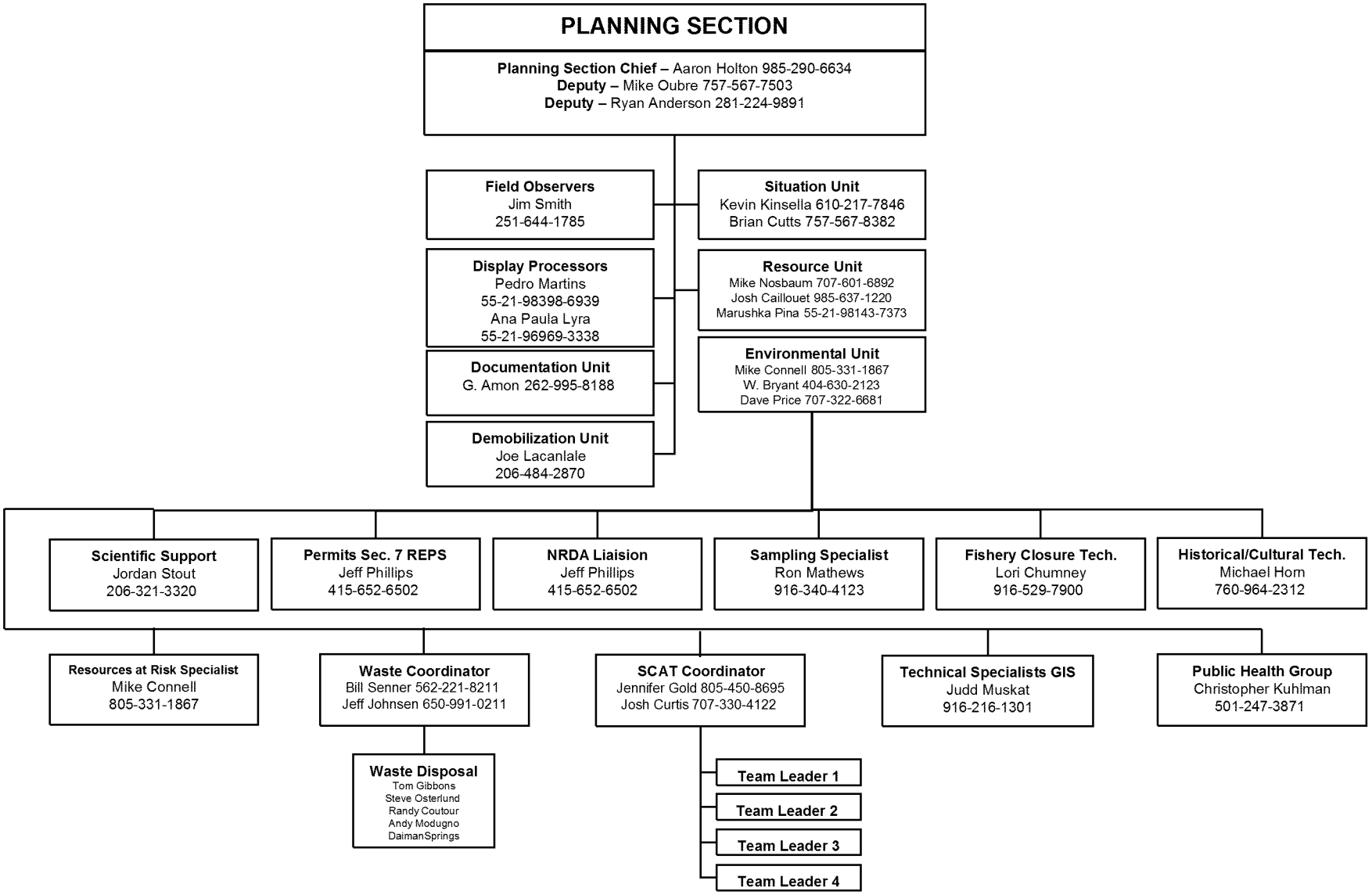
Pipeline Group
Jerry Mackay
918-285-0416
Donn Zuroski
415-971-6829

- **Excavation TF** — Donn Zuroski, 415-971-6829; Jason Musante, 213-479-2120
- **Section 2/3/4 TF** — Mike Guidry, 337-526-8539

Air Operations Branch
Kyle Jellison
954-218-4935

Law/Security Group
B. Holmstad
805-452-7756

1. Incident Name	2. Operational Period (Date/Time)	INCIDENT ORGANIZATION CHART
Refugio	From: 6/5/2015 06:00 To: 6/7/2015 06:00	ICS-207-CG



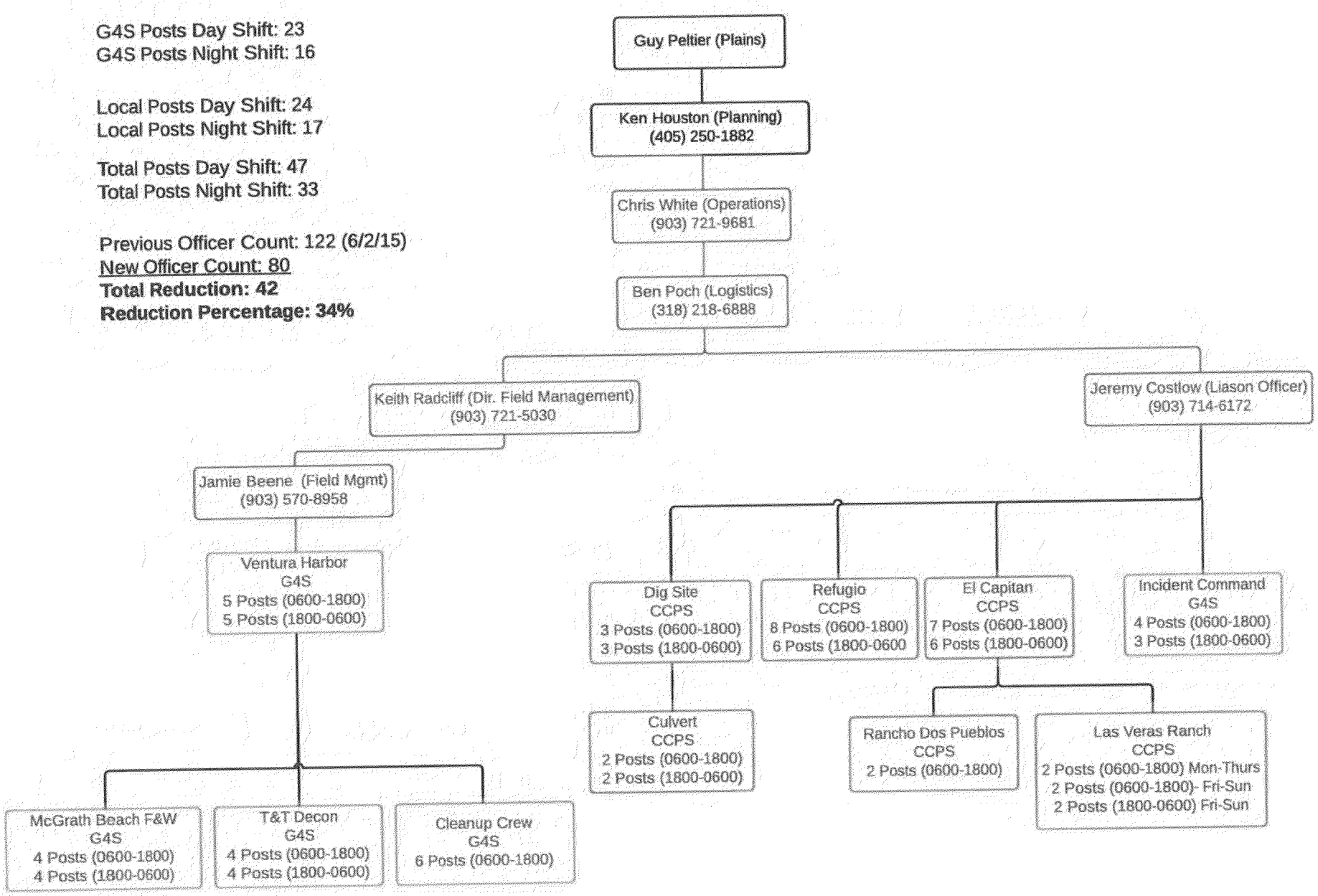
Security Org Chart - Refugio Incident (6/4/15)

G4S Posts Day Shift: 23
G4S Posts Night Shift: 16

Local Posts Day Shift: 24
Local Posts Night Shift: 17

Total Posts Day Shift: 47
Total Posts Night Shift: 33

Previous Officer Count: 122 (6/2/15)
New Officer Count: 80
Total Reduction: 42
Reduction Percentage: 34%



1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**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	Ryan Crider	Plains All American Pipeline	504-453-9724
Branch Director	Laird Henkel	CA DFW OSPR	831-212-7665
Division/Group Supervisor/STAM	Mike Ziccardi	UCD OWCN, Deputy	530-979-7561

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)	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	3	See work assignment and special instructions	
1 (each)	Transport Team	M. Travers	510-912-5470	3	See work assignment and special instructions	
1 (each)	Care/Processing Team - Birds	C. Fiorello	530-979-0380	12	See work assignment and special instructions	
1 (each)	Care/Processing Team - Mammals	E. Otgan	619-954-8185	16	See work assignment and special instructions	
1 (each)	Stabilization Facilities/Trailers			1		
1 (each)	Care Facility			2		
1	Wildlife Recovery	K. Mills-Parker	530-979-7690	14	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 Stabilazation and Care.
Field Stabilazation - 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.

For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed.

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	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

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	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**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.
Estuarine
• Avoid entering wetted habitat as much as possible.
• Avoid disturbing vegetation as much as possible.
• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.
• A biologist should be present throughout the duration of the cleanup activities.
• Any listed plant species should be flagged and avoided.
• A biologist should look for nests and establish suitable buffer areas to prevent impacts
• For areas potentially occupied by tidewater gobies or light-footed clapper rails, see species-specific minimization measures.
Coastal Bluff
• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.
• Previously-disturbed areas should be used for equipment staging and vehicle parking to the maximum extent practical.
• Any listed plant species should be flagged and avoided.

Species-specific Measures
These measures are specifically targeted to minimize impacts to listed species during initial response, USFWS should be contacted immediately to provide incident-specific measures to best protect these species.

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.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

• 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 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.

California red-legged frog
• A qualified biologist should survey the work area prior to the onset of response activities to identify California red-legged frog egg masses, tadpoles, juveniles and adults.
• All egg masses should be avoided as much as possible and should only be relocated by a qualified biologist if oiling is imminent or response activities are sure to injure or kill the eggs.
• Tadpoles, juveniles and adults that could be injured or killed by exposure to oil or response activities should be relocated by a qualified biologist to a nearby suitable habitat that would not be impacted by response activities (ideally, upstream in the same drainage, or in the same watershed).
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected daily and should not be expected to completely prevent re-entry.
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected by a qualified biologist each morning and should not be expected to completely prevent re-entry.
• Open excavations and trenches should be covered each night to prevent entrapment of frogs.
• If vegetation removal is necessary, roots should remain in place as much as possible.

FIELD STABILIZATION GROUP MINIMIZATION MEASURES

n/a

WILDLIFE CARE AND PROCESSING GROUP MINIMIZATION MEASURES

Do not operate ATVs within 1000 feet of the fence line of Coal Oil Point Reserve. Responders may not work in the area without a qualified snowy plover monitor.

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
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**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	Ryan Crider	Plains All American Pipeline	504-453-9724
Branch Director			
Division/Group Supervisor/STAM	Ed Boyes	Witt O'Brien's	562-760-6940

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 Roth	562-244-4165	0	T & T Yard Ventura
2 (each)	Portable Generators - 85kw generators - T&T Yard			0	
1 (each)	Office Trailer - 12' x 38' 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 ancillary 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: 805-696-1188
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

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

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.

For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed.

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 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.

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 Dorne - 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
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**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	Ryan Crider	Plains All American Pipeline	504-453-9724
Branch Director			
Division/Group Supervisor/STAM	Lanny Kipp/K. Hanson	Plains All American Pipeline	562-221-4510

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 Tilllet)	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 Scaulpin	X
1 (each)	Strike Team #3	Larry Smith	805-233-0875	0	M/V V368, 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 Memeber Report any distressed Wildlife to On-Water Group Leader Kyle Hanson @ 805-455-5502. Skimming vessesls 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
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

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.

For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed.

Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)

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
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ATTACHMENT ICS 204a**

3. Branch	4. Division/Group/Staging	
	On-Water 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

ON-WATER 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.

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

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

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

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Ryan Crider	Plains All American Pipeline	504-453-9724
Branch Director	Jerry Mackey/Jason Bergeron	Plains All American Pipeline	918-285-0416
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

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

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Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)

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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.

In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and Logistics Chief Brian Shive 832-341-4719

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
	02/07/2015 16:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

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	562-244-4408	

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
	02/07/2015 16:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ICS 204-CG**

3. Branch	4. Division/Group/Staging
Santa Barbara Recovery Branch	Division I/J
Task Force/Strike Team	**Team**

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Ryan Crider	Plains All American Pipeline	504-453-9724
Branch Director	Jerry Mackey/Jason Bergeron	Plains All American Pipeline	918-285-0416
Division/Group Supervisor/STAM	Justin Lee/Curt Johnson	Plains All American Pipeline	918-399-0811

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)	NRC 6	Carlos Sanchez	510-915-4052	17	SB-I-S001, Culvert	
1 (each)	OMI 6	Keith Long	985-637-6066	10	SB-I-S004, 14100 Arroyo Quemedo	
1 (each)	Double Barrel 1	Chris Hernandez	951-238-6702	20	SB-I-S005, Tijagus	
1 (each)	NRC 1	Carlos Diaz	310-345-3185	22	SB-J-S001, Venadito	
1 (each)	NRC 2	Tom Hallgren	206-786-0123	22	SB-J-S001, Venadito	
1 (each)	OMI 3	John Snyder	504-920-8893	25	SB-J-S001, Refugio North	
1 (each)	OMI 5	Sam Sharrock	573-783-9663	24	SB-J-S001, Refugio North	
1 (each)	OMI 1	David McCoy	409-350-0274	25	SB-J-S001, Refugio South	
1 (each)	OMI 2	Terry Posey	504-382-3841	25	SB-J-S001, Refugio South	
1 (each)	OMI 4	Danny Seghers	504-579-3028	25	SB-J-S001, Refugio South	

7. Work Assignments

Conduct shoreline cleanup in segments SB-I-S005 (Boulders) and SB-J-S001 per the respective Shoreline Treatment Recommendation (STR) unless otherwise directed by the Division Supervisor due to operational need.

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

Supervisors should evaluate their entire area of responsibility and report status changes to their Branch Director on a daily basis.

Crews may be deployed to other areas as conditions dictate.

Your entire area of responsibility has been surveyed by SCAT.

STR's have been established throughout your area of responsibility.

SCAT is not required to confirm achievement of Phase 1 endpoints.

8. Special Instructions

No ATVs to be used on sand beaches until otherwise instructed by Unified Command

All light towers are to be facing away from the sand beach until otherwise instructed by Unified Command.

Instructions for Dead Wildlife and Natural Resource Protection.

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in cleanup 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.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed

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

Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)

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 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.

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.

In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and Logistics Chief Brian Shive 832-341-4719

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	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ATTACHMENT ICS 204a**

3. Branch	4. Division/Group/Staging	
Santa Barbara Recovery Branch	Division I/J	
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

DIVISION I/J 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.

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.
Estuarine
• Avoid entering wetted habitat as much as possible.
• Avoid disturbing vegetation as much as possible.
• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.
• A biologist should be present throughout the duration of the cleanup activities.
• Any listed plant species should be flagged and avoided.
• A biologist should look for nests and establish suitable buffer areas to prevent impacts
• For areas potentially occupied by tidewater gobies or light-footed clapper rails, see species-specific minimization measures.
Species-specific Measures
These measures are specifically targeted to minimize impacts to listed species during initial response, USFWS should be contacted immediately to provide incident-specific measures to best protect these species.

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

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

the tidewater goby avoidance/ minimization measures to be implemented during the response.

California red-legged frog
• A qualified biologist should survey the work area prior to the onset of response activities to identify California red-legged frog egg masses, tadpoles, juveniles and adults.
• All egg masses should be avoided as much as possible and should only be relocated by a qualified biologist if oiling is imminent or response activities are sure to injure or kill the eggs.
• Tadpoles, juveniles and adults that could be injured or killed by exposure to oil or response activities should be relocated by a qualified biologist to a nearby suitable habitat that would not be impacted by response activities (ideally, upstream in the same drainage, or in the same watershed).
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected daily and should not be expected to completely prevent re-entry.
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected by a qualified biologist each morning and should not be expected to completely prevent re-entry.
• Open excavations and trenches should be covered each night to prevent entrapment of frogs.
• If vegetation removal is necessary, roots should remain in place as much as possible.
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.

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
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ICS 204-CG**

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

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Ryan Crider	Plains All American Pipeline	504-453-9724
Branch Director	Jerry Mackey/Jason Bergeron	Plains All American Pipeline	918-285-0416
Division/Group Supervisor/STAM	Jay Heaton/Steve Cadenhead	Plains All American Pipeline	951-201-1492

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)	NRC 3	Wally Guzman	775-277-0990	22	SB-K-S001, Las Flores	
1 (each)	NRC 4	Paul Morcos	562-481-4640	24	SB-K-S001, Las Flores	
1 (each)	NRC 5	Matt Gotshalk	541-310-4319	24	SB-K-S001, Las Flores	
1 (each)	NRC 8	Kyle Sparrow	425-387-4979	20	SB-K-S001, Las Flores	
1 (each)	Double Barrel 2	Jacob Galindo	661-240-0095	20	SB-K-S001, El Cap	
1 (each)	Double Barrel 3	Joe Petreco	951-902-5766	20	SB-K-S001, El Cap	
1 (each)	OC Vac 1	Chris Loza	562-225-5126	25	SB-K-S001, Las Flores	
1 (each)	Clean Harbors 1	Gregorio Munez	310-345-6867	25	SB-K-S001, Las Flores	
1 (each)	SBFD	Darren Mafi	805-896-6352	24	SB-L-S002, SB-M-S001	
1 (each)	CCC 1	Captain Reed	909-802-8185	17	SB-L-S002, As Accessible	

7. Work Assignments

Conduct shoreline cleanup in segments SB-K-S001 (Boulders) per the Shoreline Treatment Recommendation (STR) unless otherwise directed by the Division Supervisor due to operational need.

Supervisors should evaluate their entire area of responsibility and report status changes to their Branch Director on a daily basis.

Your entire area of responsibility has been surveyed by SCAT.

Conduct shoreline clean up in accordance with SCAT methodology.

STR's have been established throughout your area of responsibility.

SCAT is not required to confirm achievement of Phase 1 endpoints.

Crews may be deployed from other areas as conditions dictate.

8. Special Instructions

No ATVs to be used on sand beaches until otherwise instructed by Unified Command

All light towers are to be facing away from the sand beach until otherwise instructed by Unified Command.

Instructions for Dead Wildlife and Natural Resource Protection.

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in cleanup 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

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/04/2015 16:00	A. Holton	06/04/2015 16:00	Ryan Crider	06/04/2015 16:00

division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed

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

Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)

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 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.

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.

In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and Logistics Chief Brian Shive 832-341-4719

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	06/04/2015 16:00	A. Holton	06/04/2015 16:00	Ryan Crider	06/04/2015 16:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ATTACHMENT ICS 204a**

3. Branch	4. Division/Group/Staging	
Santa Barbara 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

DIVISION K/L 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.

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.
Estuarine
• Avoid entering wetted habitat as much as possible.
• Avoid disturbing vegetation as much as possible.
• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.
• A biologist should be present throughout the duration of the cleanup activities.
• Any listed plant species should be flagged and avoided.
• A biologist should look for nests and establish suitable buffer areas to prevent impacts
• For areas potentially occupied by tidewater gobies or light-footed clapper rails, see species-specific minimization measures.
Species-specific Measures
These measures are specifically targeted to minimize impacts to listed species during initial response, USFWS should be contacted immediately to provide incident-specific measures to best protect these species.

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

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/04/2015 16:00	A. Holton	06/04/2015 16:00	Ryan Crider	06/04/2015 16:00

the tidewater goby avoidance/ minimization measures to be implemented during the response.

California red-legged frog
• A qualified biologist should survey the work area prior to the onset of response activities to identify California red-legged frog egg masses, tadpoles, juveniles and adults.
• All egg masses should be avoided as much as possible and should only be relocated by a qualified biologist if oiling is imminent or response activities are sure to injure or kill the eggs.
• Tadpoles, juveniles and adults that could be injured or killed by exposure to oil or response activities should be relocated by a qualified biologist to a nearby suitable habitat that would not be impacted by response activities (ideally, upstream in the same drainage, or in the same watershed).
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected daily and should not be expected to completely prevent re-entry.
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected by a qualified biologist each morning and should not be expected to completely prevent re-entry.
• Open excavations and trenches should be covered each night to prevent entrapment of frogs.
• If vegetation removal is necessary, roots should remain in place as much as possible.

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
Mike Nosbaum	06/04/2015 16:00	A. Holton	06/04/2015 16:00	Ryan Crider	06/04/2015 16:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ICS 204-CG**

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

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Ryan Crider	Plains All American Pipeline	504-453-9724
Branch Director	Jerry Mackey	Plains All American Pipeline	918-285-0416
Division/Group Supervisor/STAM	Sal Rodriquez/Josh Vetters	Plains All American Pipeline	925-349-8269

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)	NRC Hot Shot #3	TBD	TBD	20		X
1 (each)	Double Barrel Team #3	Eric Navarette	951-295-2680	10		

7. Work Assignments

Conduct shoreline cleanup in segments SB-M-S002 (Boulders), SB-N-001 (Golf Course and Hotel) SB-N-S002 and SB-Q-S003 per the respective Shoreline Treatment Recommendation (STR) unless otherwise directed by the Division Supervisor due to operational need.

Supervisors should evaluate their entire area of responsibility and report status changes to their Branch Director on a daily basis.

Your entire area of responsibility has been surveyed by SCAT.

Conduct shoreline clean up in accordance with SCAT methodology.

STR's have been established throughout your area of responsibility.

SCAT is not required to confirm achievement of Phase 1 endpoints.

Crews may be deployed from other areas as conditions dictate.

8. Special Instructions

No ATVs to be used on sand beaches until otherwise instructed by Unified Command

All light towers are to be facing away from the sand beach until otherwise instructed by Unified Command.

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.

For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed

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

Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)

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 drownig 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.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

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 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.

In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and Logistics Chief Brian Shive 832-341-4719

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	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ATTACHMENT ICS 204a**

3. Branch	4. Division/Group/Staging	
Santa Barbara Recovery Branch	Division M/N	
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

DIVISION M/N 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.

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.
Estuarine
• Avoid entering wetted habitat as much as possible.
• Avoid disturbing vegetation as much as possible.
• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.
• A biologist should be present throughout the duration of the cleanup activities.
• Any listed plant species should be flagged and avoided.
• A biologist should look for nests and establish suitable buffer areas to prevent impacts
• For areas potentially occupied by tidewater gobies or light-footed clapper rails, see species-specific minimization measures.
Species-specific Measures
These measures are specifically targeted to minimize impacts to listed species during initial response, USFWS should be contacted immediately to provide incident-specific measures to best protect these species.

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

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

the tidewater goby avoidance/ minimization measures to be implemented during the response.

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.

California red-legged frog
• A qualified biologist should survey the work area prior to the onset of response activities to identify California red-legged frog egg masses, tadpoles, juveniles and adults.
• All egg masses should be avoided as much as possible and should only be relocated by a qualified biologist if oiling is imminent or response activities are sure to injure or kill the eggs.
• Tadpoles, juveniles and adults that could be injured or killed by exposure to oil or response activities should be relocated by a qualified biologist to a nearby suitable habitat that would not be impacted by response activities (ideally, upstream in the same drainage, or in the same watershed).
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected daily and should not be expected to completely prevent re-entry.
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected by a qualified biologist each morning and should not be expected to completely prevent re-entry.
• Open excavations and trenches should be covered each night to prevent entrapment of frogs.
• If vegetation removal is necessary, roots should remain in place as much as possible.

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
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ICS 204-CG**

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

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Ryan Crider	Plains All American Pipeline	504-453-9724
Branch Director	Jerry Mackey/Jason Bergeron	Plains All American Pipeline	918-285-0416
Division/Group Supervisor/STAM	Levi Paulson/Dan Flynn	Plains All American Pipeline	701-206-0417

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

7. Work Assignments

Supervisors should evaluate their entire area of responsibility and report status changes to their Branch Director on a daily basis.

Your entire area of responsibility has been surveyed by SCAT.

Conduct shoreline clean up in accordance with SCAT methodology.

STR's have been established throughout your area of responsibility.

SCAT is not required to confirm achievement of Phase 1 endpoints.

Crews may be deployed from other areas as conditions dictate.

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.

For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed

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

Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)

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 drownig 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 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

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

specialist. Obtain/provide location on map by indicating latitude/longitude.

In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and Logistics Chief Brian Shive 832-341-4719

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	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ATTACHMENT ICS 204a**

3. Branch	4. Division/Group/Staging	
Santa Barbara Recovery Branch	Division 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

DIVISION O/P 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.

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.
Estuarine
• Avoid entering wetted habitat as much as possible.
• Avoid disturbing vegetation as much as possible.
• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.
• A biologist should be present throughout the duration of the cleanup activities.
• Any listed plant species should be flagged and avoided.
• A biologist should look for nests and establish suitable buffer areas to prevent impacts
• For areas potentially occupied by tidewater gobies or light-footed clapper rails, see species-specific minimization measures.
Species-specific Measures
These measures are specifically targeted to minimize impacts to listed species during initial response, USFWS should be contacted immediately to provide incident-specific measures to best protect these species.

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

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

the tidewater goby avoidance/ minimization measures to be implemented during the response.

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
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ICS 204-CG**

3. Branch	4. Division/Group/Staging
Santa Barbara Recovery Branch	Division Q/R/S/T
Task Force/Strike Team	**Team**

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Ryan Crider	Plains All American Pipeline	504-453-9724
Branch Director	Jerry Mackey/Jason Bergeron	Plains All American Pipeline	918-285-0416
Division/Group Supervisor/STAM	Tyler Keller/Josh Vetters	Plains All American Pipeline	307-262-1421

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

7. Work Assignments

Supervisors should evaluate their entire area of responsibility and report status changes to their Branch Director on a daily basis.

Your entire area of responsibility has been surveyed by SCAT.

Conduct shoreline clean up in accordance with SCAT methodology.

STR's have been established throughout your area of responsibility.

SCAT is not required to confirm achievement of Phase 1 endpoints.

Crews may be deployed from other areas as conditions dictate.

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 cleanup 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.

For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed

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

Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)

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 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.

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
Mike Nosbaum	06/04/2015 16:00	A. Holton	06/02/2015 17:00	Ryan Crider	06/02/2015 17:00

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.

In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and Logistics Chief Brian Shive 832-341-4719

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	06/04/2015 16:00	A. Holton	06/02/2015 17:00	Ryan Crider	06/02/2015 17:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ICS 204-CG**

3. Branch	4. Division/Group/Staging
Ventura Recovery Branch	Division A/B/C
Task Force/Strike Team	**Team**

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Ryan Crider	Plains All American Pipeline	504-453-9724
Branch Director	Eric Heap	Plains All American Pipeline	307-799-8258
Division/Group Supervisor/STAM	Ed Shypkowski/Peter Gardner Cox	Plains All American Pipeline	701-590-1254/206-914-5131

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

7. Work Assignments

WORK ASSIGNEMENTS FOR PLACES WITHOUT RESOURCES

Supervisors should evaluate their entire area of responsibility and report status changes to their Branch Director on a daily basis.

Your entire area of responsibility has been surveyed by SCAT.

Conduct shoreline clean up in accordance with SCAT methodology.

STR's have been established throughout your area of responsibility.

SCAT is not required to confirm achievement of Phase 1 endpoints.

Crews may be deployed from other areas as conditions dictate.

8. Special Instructions

No ATVs to be used on sand beaches until otherwise instructed by Unified Command

All light towers are to be facing away from the sand beach until otherwise instructed by Unified Command.

Instructions for Oiled Wildlife and Natural Resource Protection.

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in cleanup 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.

For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed

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

Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)

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 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.

Report All Injuries require an immediate notification to Direct Supervisor.

HISTORICAL/CULTURAL GUIDELINES

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	02/07/2015 16:00	A. Holton	06/02/2015 18:00	Ryan Crider	06/02/2015 18:00

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.

In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and Logistics Chief Brian Shive 832-341-4719

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	02/07/2015 16:00	A. Holton	06/02/2015 18:00	Ryan Crider	06/02/2015 18:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ATTACHMENT ICS 204a**

3. Branch	4. Division/Group/Staging	
Ventura Recovery Branch	Division A/B/C	
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

DIVISION A/B/C 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.

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, western pond turtles, 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.
Estuarine
• Avoid entering wetted habitat as much as possible.
• Avoid disturbing vegetation as much as possible.
• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.
• A biologist should be present throughout the duration of the cleanup activities.
• Any listed plant species should be flagged and avoided.
• A biologist should look for nests and establish suitable buffer areas to prevent impacts
• For areas potentially occupied by tidewater gobies, see species-specific minimization measures.
Coastal Bluff
• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.
• Previously-disturbed areas should be used for equipment staging and vehicle parking to the maximum extent practical.
• Any listed plant species should be flagged and avoided.
Species-specific Measures
These measures are specifically targeted to minimize impacts to listed species during initial response, USFWS should be contacted immediately to provide incident-specific measures to best protect these species.

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

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	02/07/2015 16:00	A. Holton	06/02/2015 18:00	Ryan Crider	06/02/2015 18:00

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.

California red-legged frog
• A qualified biologist should survey the work area prior to the onset of response activities to identify California red-legged frog egg masses, tadpoles, juveniles and adults.
• All egg masses should be avoided as much as possible and should only be relocated by a qualified biologist if oiling is imminent or response activities are sure to injure or kill the eggs.
• Tadpoles, juveniles and adults that could be injured or killed by exposure to oil or response activities should be relocated by a qualified biologist to a nearby suitable habitat that would not be impacted by response activities (ideally, upstream in the same drainage, or in the same watershed).
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected daily and should not be expected to completely prevent re-entry.
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected by a qualified biologist each morning and should not be expected to completely prevent re-entry.
• Open excavations and trenches should be covered each night to prevent entrapment of frogs.
• If vegetation removal is necessary, roots should remain in place as much as possible.
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
Mike Nosbaum	02/07/2015 16:00	A. Holton	06/02/2015 18:00	Ryan Crider	06/02/2015 18:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ICS 204-CG**

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

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Ryan Crider	Plains All American Pipeline	504-453-9724
Branch Director	Eric Heap	Plains All American Pipeline	307-799-8258
Division/Group Supervisor/STAM	Terrell Flaharty/Pete Gardner Cox	Plains All American Pipeline	504-214-7657/206-914-5131

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)	WCC 1	Brian Moreno	562-382-7286	10	VN-D-S001, VN-D-S002, VN-D-S003

7. Work Assignments

WORK ASSIGNEMENTS FOR PLACES WITHOUT RESOURCES

Supervisors should evaluate their entire area of responsibility and report status changes to their Branch Director on a daily basis.

Your entire area of responsibility has been surveyed by SCAT.

Conduct shoreline clean up in accordance with SCAT methodology.

STR's have been established throughout your area of responsibility.

SCAT is not required to confirm achievement of Phase 1 endpoints.

Crews may be deployed from other areas as conditions dictate.

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8. Special Instructions

No ATVs to be used on sand beaches until otherwise instructed by Unified Command

All light towers are to be facing away from the sand beach until otherwise instructed by Unified Command.

Instructions for Oiled Wildlife and Natural Resource Protection.

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in cleanup 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.

For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed

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

Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)

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 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.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	02/07/2015 16:00	A. Holton	06/02/2015 18:00	Ryan Crider	06/02/2015 18:00

Report All Injuries require an 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.

In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and Logistics Chief Brian Shive 832-341-4719

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	02/07/2015 16:00	A. Holton	06/02/2015 18:00	Ryan Crider	06/02/2015 18:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ATTACHMENT ICS 204a**

3. Branch	4. Division/Group/Staging	
Ventura Recovery Branch	Division D	
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

DIVISION D 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.

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, western pond turtles, 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.
• Additional sensitive species potentially present include silvery legless lizard, California grunion, sandy beach tiger beetle, and globose dune beetle.
Estuarine
• Avoid entering wetted habitat as much as possible.
• Avoid disturbing vegetation as much as possible.
• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.
• A biologist should be present throughout the duration of the cleanup activities.
• Any listed plant species should be flagged and avoided.
• A biologist should look for nests and establish suitable buffer areas to prevent impacts
• For areas potentially occupied by tidewater gobies or light-footed clapper rails, see species-specific minimization measures.
Species-specific Measures
These measures are specifically targeted to minimize impacts to listed species during initial response, USFWS should be contacted immediately to provide incident-specific measures to best protect these species.

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.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	02/07/2015 16:00	A. Holton	06/02/2015 18:00	Ryan Crider	06/02/2015 18:00

• 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.

California red-legged frog
• A qualified biologist should survey the work area prior to the onset of response activities to identify California red-legged frog egg masses, tadpoles, juveniles and adults.
• All egg masses should be avoided as much as possible and should only be relocated by a qualified biologist if oiling is imminent or response activities are sure to injure or kill the eggs.
• Tadpoles, juveniles and adults that could be injured or killed by exposure to oil or response activities should be relocated by a qualified biologist to a nearby suitable habitat that would not be impacted by response activities (ideally, upstream in the same drainage, or in the same watershed).
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected daily and should not be expected to completely prevent re-entry.
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected by a qualified biologist each morning and should not be expected to completely prevent re-entry.
• Open excavations and trenches should be covered each night to prevent entrapment of frogs.
• If vegetation removal is necessary, roots should remain in place as much as possible.
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
Mike Nosbaum	02/07/2015 16:00	A. Holton	06/02/2015 18:00	Ryan Crider	06/02/2015 18:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ICS 204-CG**

3. Branch	4. Division/Group/Staging
Ventura Recovery Branch	Division E/F/G/H
Task Force/Strike Team	**Team**

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Ryan Crider	Plains All American Pipeline	504-453-9724
Branch Director	Eric Heap	Plains All American Pipeline	307-799-8258
Division/Group Supervisor/STAM	Drew Engstrom/Peter Gardner Cox	Plains All American Pipeline	307-251-6932/206-914-5131

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	NRC 7	David Villarreal	310-629-1701	18	VN-E-S001, VN-E-S002	
1	WCC 1	Pete Esparza	562-244-1190	25	VN-E-S003	
1	OC Vac 2	Robert Bader	562-705-1554	25	VN-E-S004, VN-E-S005, VN-E-S006, VN-E-S007	
1	WCC 2	Tyler Showe	562-685-4971	5	VN-F-S001, VN-F-S002, VN-F-S003, VN-F-S004, VN-F-S005	

7. Work Assignments

WORK ASSIGNEMENTS FOR PLACES WITHOUT RESOURCES

Supervisors should evaluate their entire area of responsibility and report status changes to their Branch Director on a daily basis.

Your entire area of responsibility has been surveyed by SCAT.

Conduct shoreline clean up in accordance with SCAT methodology.

STR's have been established throughout your area of responsibility.

SCAT is not required to confirm achievement of Phase 1 endpoints.

Crews may be deployed from other areas as conditions dictate.

8. Special Instructions

No ATVs to be used on sand beaches until otherwise instructed by Unified Command

All light towers are to be facing away from the sand beach until otherwise instructed by Unified Command.

Instructions for Oiled Wildlife and Natural Resource Protection.

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in cleanup 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.

For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed

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

Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)

SAFETY MESSAGE

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/04/2015 16:00	A. Holton	06/04/2015 18:00	Ryan Crider	06/04/2015 18:00

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 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.

Report All Injuries require an 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.

In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and Logistics Chief Brian Shive 832-341-4719

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	06/04/2015 16:00	A. Holton	06/04/2015 18:00	Ryan Crider	06/04/2015 18:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ATTACHMENT ICS 204a**

3. Branch	4. Division/Group/Staging	
Ventura Recovery Branch	Division E/F/G/H	
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

DIVISION E/F/G/H 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.

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, western pond turtle, 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.
• Avoid marine mammal haul-out sites for harbor seal, elephant seal and/or California sea lion (Mugu Lagoon)
• Additional sensitive species potentially present include silvery legless lizard, California grunion, sandy beach tiger beetle, and globose dune beetle, wandering skipper, and Point Mugu dune weevil.
Estuarine
• Avoid entering wetted habitat as much as possible.
• Avoid disturbing vegetation as much as possible.
• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.
• A biologist should be present throughout the duration of the cleanup activities.
• Any listed plant species should be flagged and avoided, including salt marsh bird's-beak, Ventura marsh milk-vetch.
• A biologist should look for nests and establish suitable buffer areas to prevent impacts
• For areas potentially occupied by tidewater gobies, light-footed clapper rails, Belding's savannah sparrows, see species-specific minimization measures.
Species-specific Measures
These measures are specifically targeted to minimize impacts to listed species during initial response, USFWS should be contacted immediately to provide incident-specific measures to best protect these species.

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

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/04/2015 16:00	A. Holton	06/04/2015 18:00	Ryan Crider	06/04/2015 18:00

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.

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.

California red-legged frog
• A qualified biologist should survey the work area prior to the onset of response activities to identify California red-legged frog egg masses, tadpoles, juveniles and adults.
• All egg masses should be avoided as much as possible and should only be relocated by a qualified biologist if oiling is imminent or response activities are sure to injure or kill the eggs.
• Tadpoles, juveniles and adults that could be injured or killed by exposure to oil or response activities should be relocated by a qualified biologist to a nearby suitable habitat that would not be impacted by response activities (ideally, upstream in the same drainage, or in the same watershed).
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected daily and should not be expected to completely prevent re-entry.
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected by a qualified biologist each morning and should not be expected to completely prevent re-entry.
• Open excavations and trenches should be covered each night to prevent entrapment of frogs.
• If vegetation removal is necessary, roots should remain in place as much as possible.
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.

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
Mike Nosbaum	06/04/2015 16:00	A. Holton	06/04/2015 18:00	Ryan Crider	06/04/2015 18:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**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	Ryan Crider	Plains All American Pipeline	504-453-9724
Branch Director			
Division/Group Supervisor/STAM	Jerry Mackey/Jason Musante	Plains All American Pipeline/EPA	918-285-0416

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	Section 2/3/4 Task Force	Mike Guidry	337-526-8539	0	
16 (each)	Pressure Washer			0	
1	Excavation Task Force	Donn Zuroski	415-971-6829	0	

7. Work Assignments

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

Section 2/3/4 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 concers, 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.
- 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 surronding the site, within a 6ft radius.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

- 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.

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	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**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	Ryan Crider	Plains All American Pipeline	504-453-9724
Branch Director	Kyle Jellison	Witt O'Brien's	206-375-5559

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	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

ATTENTION: All passengers should arrive 15 minutes prior to departure to maintain flight schedule.

ICS 220 AIR OPERATIONS		
AIRPORT: Signature Flight Support 515 Marxmiller Pl, Goleta, CA	REFUGIO INCIDENT	OP PERIOD: 31 From June 5, 2015 0600 To June 6, 2015 060
Air Communications: 123.02 MHz, Marine VHF Channels 10 & 16	Air Operations Branch Director Kyle Jellison (954) 49-2315	

Temporary Flight Restriction (TFR) 5/59
EXTENDED TO JUNE 20, 2015

Airspace Definition:
On the GAVIOTA VORTAC (GVO) 146 degree radial at 4.4 nautical miles. (Latitude: 34°27'43"N, Longitude: 120°03'50"W)
5 nautical mile radius
From surface up to and including 1,000 feet MSL.

SNOWEY PLOVER HABITAT FLIGHT RESTRICTION

Air traffic is to 500 feet above OR half (1/2) mi away from Snowy Plover Habitat in t vicinity of Coal Oil Point.

Any complaints or conce about air operatior affecting wildlife should be routed to Jeff of USFWS 415-652-6502 within Planning/EUL

OTHER AIRSPACE TRAFFIC

KCSI will be passing through the TFR betwee and 1100 at 500 ft to observe Plains All Ameri pipeline. Cessna 182 number N75QH will check in and out with response helicopters.

Bell 206L 85T
Tactical Guidance Helicopter

0630
- ☐ Mark Wrobel OPS Tactical Guidance

1000
- ☐ Mark Wrobel OPS Tactical Guidance

LUNCH BREAK

1430
- ☐ Mark Wrobel OPS Tactical Guidance

Bell 407 7AC
VIP/Special Purpose

0800 (2 hr)
- ☐ Jason Guzman plus 2 people

1030 (1 hr)
- ☐ VIP

1230 (1 hr)
- ☐ Jason Guzman plus 2 people

LUNCH BREAK

1500 (1 hr)
- ☐ Santa Barbara VIP
- ☐ City of Goleta Mayor
- ☐ OSPR

1700 (1 hr)
- ☐ VIP

ATTENTION: All passengers should arrive 15 minutes prior to departure to maintain flight schedule.

ICS 220 AIR OPERATIONS	REFUGIO INCIDENT	OP PERIOD: 31
AIRPORT: Signature Flight Support 515 Marxmiller Pl, Goleta, CA		From June 6, 2015 0600
Air Communications: 123.02 MHz, Marine VHF Channels 10 & 16	Air Operations Branch Director Kyle Jellison (954) 4-9318	To June 7, 2015 060

Temporary Flight Restriction (TFR) 5/59
EXTENDED TO JUNE 20, 2015

Airspace Definition:
On the GAVIOTA VORTAC (GVO) 146 degree radial at 4.4 nautical miles. (Latitude: 34º27'43"N, Longitude: 120º03'50"W)
5 nautical mile radius
From surface up to and including 1,000 feet MSL.

SNOWEY PLOVER HABITAT FLIGHT RESTRICTION

Air traffic is to remain 500 feet above OR half (1/2) mile away from Snowy Plover Habitat in t vicinity of Coal Oil Point.

Any complaints or concerns about air operation affecting wildlife should be routed to Jeff of USFWS 415-652-6502 within Planning/EUL

OTHER AIRSPACE TRAFFIC

KCSI will be passing through the TFR betwee and 1100 at 500 ft to observe Plains All Ameri pipeline. Cessna 182 number N75QH will check in and out with response helicopters.

Bell 206L 85T
Tactical Guidance Helicopter

0630
☐ Mark Wrobel / OPS Tactical Guidance

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1430
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0800 (2 hr)
☐ Jason Guzman plus 2 people

1030 (1 hr)
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1230 (1 hr)
☐ Jason Guzman plus 2 people

LUNCH BREAK

1500 (1 hr)
☐ VIP

1700 (1 hr)
☐ VIP

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**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	Ryan Crider	Plains All American Pipeline	504-453-9724
Branch Director			
Division/Group Supervisor/STAM	Bryan Holmsted		805-452-7756

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)	Law Enforcement Team	B. McVay		10		X
14	Security Land	B. MvVay	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 excort unauthorized vessels from the spill area

8. Special Instructions

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

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.

For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed.

Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)

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
Mike Nosbaum	06/04/2015 16:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

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.

In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and Logistics Chief Brian Shive 832-341-4719

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	06/04/2015 16:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**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	Aaron Holton	Witt Obriens	985-290-6634
Branch Director	Mike Schommer	CAOSPR	707-416-1141
Division/Group Supervisor/STAM	Jennifer Gold	CDFW-OSPR	805-450-8695

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			3	SB-K-01
1 (each)	SCAT Team 2			3	SB-J-01
1 (each)	SCAT Team 3			3	VN-G-01, 02
1 (each)	SCAT Team 4			3	VN-H-01 through 08

7. Work Assignments

Report to ICP at 0700
Receive assignments and calibrate.
Complete SCAT assignments by 1400 return to ICP by 1500 for briefing with Scat Coordinator (Jennifer Gold).

8. Special Instructions

PPE is available from OPS on scene.

Refer public wildlife reports to OWCN 877-823-6926

SCAT Teams report oiled wildlife to Wildlife Branch Director or deputy.

Refer all media request to PIO Steve Gonzales 916-539-6129.

Report observed T&E species to OWCN 877-823-6926

Scat Teams to assess clean-up operations observed on site and make recommendations for improvement. Make sure operations are following the approved shoreline treatment recommendations.

For cultural/Archeological concerns, Sean Ross, Field observer coordinator 415-720-4166 & Michael Kirchner, Warden 831-901-6369.

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.

For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)

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.
- 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	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	Assignment List
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**ATTACHMENT ICS 204a**

3. Branch	4. Division/Group/Staging	
	SCAT	
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

SCAT 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.
Estuarine
• Avoid entering wetted habitat as much as possible.
• Avoid disturbing vegetation as much as possible.
• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.
• A biologist should be present throughout the duration of the cleanup activities.
• Any listed plant species should be flagged and avoided.
• A biologist should look for nests and establish suitable buffer areas to prevent impacts
• For areas potentially occupied by tidewater gobies or light-footed clapper rails, see species-specific minimization measures.
Coastal Bluff
• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.
• Previously-disturbed areas should be used for equipment staging and vehicle parking to the maximum extent practical.
• Any listed plant species should be flagged and avoided.

Species-specific Measures
These measures are specifically targeted to minimize impacts to listed species during initial response, USFWS should be contacted immediately to provide incident-specific measures to best protect these species.

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.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

• 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 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.

California red-legged frog
• A qualified biologist should survey the work area prior to the onset of response activities to identify California red-legged frog egg masses, tadpoles, juveniles and adults.
• All egg masses should be avoided as much as possible and should only be relocated by a qualified biologist if oiling is imminent or response activities are sure to injure or kill the eggs.
• Tadpoles, juveniles and adults that could be injured or killed by exposure to oil or response activities should be relocated by a qualified biologist to a nearby suitable habitat that would not be impacted by response activities (ideally, upstream in the same drainage, or in the same watershed).
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected daily and should not be expected to completely prevent re-entry.
• After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected by a qualified biologist each morning and should not be expected to completely prevent re-entry.
• Open excavations and trenches should be covered each night to prevent entrapment of frogs.
• If vegetation removal is necessary, roots should remain in place as much as possible.

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
Mike Nosbaum	06/04/2015 17:00	A. Holton	06/04/2015 17:00	Ryan Crider	06/04/2015 17:00

3. Basic Local Communications Information

Last Name	First Name	Organization	Phone
Abbey	Zack	Stantec	(805) 444-9262
Abdohintzman	Kholood	Applied Earthworks	(909) 496-7136
Abe	Kelly	Ca Fish & Wildlife	(916) 216-3964
Abrams	Ricard	SB Co EM	(805) 896-6371
Acosta	Estevan	SB Locksmiths	(760) 704-7108
Acosta	Jim	CAL OES	(714) 458-1271
Adam	Peter	SB Co Supervisor	
Adams	Kira	Coast Guard	(813) 300-6482
Addassi	Yvonne	OSPR	(916) 956-1162
Aguilar	Tony	Stantec	(805) 405-0414
Ailey	Paul	Plains	(405) 388-2570
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) 708-8682
Alvis	Kim	CTEH	(501) 766-1515
Ames	Arianna	Weber Shandwick	(631) 327-3537
Amezcua	Martin	OSPR	(916) 826-5678
Amon	George	Coast Guard	(262) 995-8188
Andersen	Ryan	Plains	(281) 224-9891
Anderson	Andrea	Coast Guard	(405) 833-3068
Anderson	Kile	Worley	(225) 266-4482
Anderson	Peter	Coast Guard	(805) 896-6792
Anderson	Michael	OSPR	(916) 826-1136
Andrews	Mike	Pacific Climate	(805) 452-8709
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
Arrazbal	Mario	Plains	(713) 851-5906
Arredondo	Juan	Patriot Environmental	(661) 340-9779
Arredondo	Frank	BVBMI	(805) 450-5099
Arrington	Bill	US DOT	(909) 677-7049
Arrington	Eleanor	UC SB	(585) 698-6296
Babcock	Ann	Stantec	(801) 493-5037
Bachhuber	Silke	UC SB	(646) 285-2812
Backus	Dave	CTEH	(901) 496-6658
Baernstein	Melissa	Stantec	(909) 362-3942
Bafia	John	Coast Guard	(202) 725-6364

Bailey	Julie	NOAA	(805) 235-8022
Baker	Phil	CTEH	(501) 804-8138
Bandak	Sonny	CTEH	(501) 366-8118
Banks	Ilia	Ca Fish & Wildlife	(909) 229-1578
Barba	Evan	UC SB	(530) 919-2130
Barbier	Brian	Applied Earthworks	(530) 848-3253
Barrett	Luke	Stantec	(775) 544-4041
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
Bell	Keegan	UC SB	(619) 952-4883
Benavides	Jose	Patriot Environmental	(661) 340-7887
Benninghoven	Sheri	SB Co CEO	(805) 450-4886
Berg	Catherine	NOAA	(907) 529-9157
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	Ned	US EPA	(415) 686-3994
Black	Dianne	SB Co	(805) 886-4367
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
Bollier	John Robert	Stantec	(805) 427-4852
Bonham	Chuck	Ca Fish & Wildlife	
Bonner	Craig	SB Co Sheriff	(805) 896-6558
Bontty	Mona	Ca OES	(562) 673-0411
Borlas	Chris	Applied Earthworks	(772) 453-1074
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) 218-9009
Boyes	Edward	WOB	(562) 760-6940
Bradley	Jim	OSPR	(916) 292-2616
Brady	Bryce	Ca Volunteers	(818) 414-3889
Braund	Trevor	Clean Seas	(954) 294-5597
Brazer	Mara	Brazer Comm	(415) 305-6677
Bridges	Max	OSPR	(707) 583-3131
Briggs	Errin	Co SB Planning	(805) 568-2047
Britt	Andy	CTEH	(281) 202-7800
Broadhurst	Danny	Global Diving	(805) 509-0701
Broughton	Julie	Stantec	(805) 405-5851
Brown	Rick	House of Glass	(805) 451-3581
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
Buttram	Andrew	Pacific Petro	(805) 680-3809
Bynum	Larry	Plains	(661) 706-5230
Byrd	Brian	Plains	(601) 467-5266
Byrd	Mary	EPIC	(805) 961-8833
Cabral	Santos	Ca Fish & Wildlife	(949) 289-2928
Caceres-Schnell	Carmen	AECOM	(818) 517-3126
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
Campbell	Gregory	NOAA	(760) 271-9175
Campbell	Jacob	House of Glass	(805) 345-1115
Canto	Will	Patriot Environmental	(562) 244-5108
Carbajal	Salud	SB Co Supervisor	
Cardell	Debbie	Plains	(661) 472-0956
Cardenas	Ramiro	Murphy Electric	(805) 965-0313
Carlson	Peter	UC SB	(303) 263-7524
Carlton	Jeff	Plains	(925) 765-3275
Carroll	David	Plains	(918) 399-2811
Carswell	Lilian	US Fish & Wildlife	(805) 612-0975
Castellana	Ben	EPA START	(818) 371-5388
Castillo	Rudy	Continental Services	(805) 896-3378

Castro	Guy	Plains	(562) 756-2647
Caten	Lisa	Plains	(251) 455-6835
Cavanagh	Michael	Coast Guard	(216) 394-8400
Cazier	Josh	SB Co FD	(805) 896-6333
Cera	Katy	Applied Earthworks	(805) 904-9406
Chang	Lena	US Fish & Wildlife	(818) 389-3156
Chanley	Bob	AECOM	(805) 448-9320
Chastain	Dennis	Ca Fish & Wildlife	(562) 505-8988
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
Chumney	Lori	OSPR	(916) 956-8175
Chuop	Khamly	Stantec	(510) 999-0647
Cisneros	Miguel	Stantec	(559) 305-9555
Clark	Heather	Coast Guard	(251) 680-7911
Clarkson	Phil	Applied Earthworks	(805) 441-9488
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
Colomb	Jon	EPA START	(773) 947-4064
Conely	Mike	Ca Fish & Wildlife	(559) 974-5837
Connell	Mike	Ca Fish & Wildlife	(805) 331-1867
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
Cosentino Mannin	Natalie	NOAA	(707) 206-1642
Costlow	Jeremy	ISS	(903) 714-6172
Counseller	Jeff	Plains	(281) 450-7260
Couture	Randy	Stantec	(805) 427-4863
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
Crossland	Darrol	SB Co FD	(805) 680-9388
Cullen	Thomas	OSPR Administrator	(510) 517-8314
Cummings	Stacy	NOAA	(202) 440-3521
Curran	Steven	Ca State Lands Com	(562) 590-5266
Currie	Jon	Stantec	(608) 220-7768
Curtis	Josh	OSPR	(707) 330-4122
Cutts	Brian	Coast Guard	(757) 567-8382
Dalessandro	JD	CTEH	(703) 999-7655
Dally	Steven	Murphy Electric	(805) 896-0228
D'Amato	Adam	NRC	(631) 449-8176
Daniel	Travis	Coast Guard	(850) 696-9204
Dann	Jeffrey	Plains	(713) 201-3548
Dargle	Joe	AECOM	(805) 245-2367
Darst	Cat	US Fish & Wildlife	(805) 607-9937
Davis	Cory	CTEH	(501) 258-7881
Davis	Adam	NOAA	(206) 549-7759
Davis	Kathryn	UC SB	(831) 320-1770
Dayton	Jeff	OSPR	(707) 498-0518
Dean	Charity	SB Co Public Health	(805) 896-2229
Delgado	Ruben	Patriot Environmental	(562) 244-4408
Delgado	Alan	SB Locksmiths	(805) 689-0327
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
Doane-Allmon	Julie	AECOM	(805) 455-5042
Doiron	Katherine	NOAA	(781) 654-7889
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
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
Dunkelman	Tom	US EPA	(775) 721-4712
Dunn	Chris	Stantec	(805) 813-0798
Dunphy	Jason	US DOT	(303) 956-1873
Dyer	Michael	SB OEM	(805) 681-5526
Dykhuizen	Candice	Plains	(832) 306-1784
Edblad	Scott	Stantec	(661) 754-0862
Edblad	Kristy	Stantec	(661) 754-0863
Edelson	David	Coast Guard	(609) 556-5212
Edsinger	Brian	Navy	(805) 844-6324
Eidman	Mike	Plains	(281) 217-3707
Eliason	Mike	SB Co FD	(805) 896-5134
Elms	Logan	Stantec	(661) 754-0385
Encinas	Liliana	SB Co FD	(805) 284-2045
Engle	John	OSPR	(805) 705-1768
Engstrom	Drew	Plains	(307) 251-6932
Enos	Woody	SB Co FD	(805) 896-6404
Erlandson	Jon	Historical Dynamics	(541) 285-7346
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	John	NOAA	(805) 341-0422
Ferguson	Jeffrey	NOAA	(301) 351-7798
Ferrari	Dominic	Plains	(562) 756-2538
Ferrell	Jimmy	Plains	(713) 447-9536
Filipchuk	Greg	Plains	(403) 852-8707
Finch	Tom	US DOT	(303) 807-7200
Fitzgerald	Tara	EPA START	(650) 784-1633
Flaharty	Terrell	Plains	(504) 214-7657
Fletcher	Chelsea	Ca State Parks	(805) 705-6228
Fletcher	Elizabeth	Plains	(713) 806-5871
Flolid	Nick	CRA	(651) 233-3731
Flynn	Dan	WOB	(314) 277-1335
Foley	Susan	SB Co Exec	(805) 568-3522
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	Quntan	COCC	(805) 835-2328
Garcia	Henry	ACTI	(661) 979-8677
Garcia	Sau	Ca Fish & Wildlife	(562) 843-2714
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
Geis	Robert	SB Co	(805) 896-4210
Gellerman	Holly	OSPR	(916) 747-0611
Geraghty	Brendon	WOB	(562) 217-0791
Ghilarducci	Mark	Ca OES	
Ghizzoni	Mike	SB Co Counsel	
Gibbons	Tom	Pacific Petro	(805) 310-7625
Gibson	Desmond	US DOT	(562) 484-8851
Gibson	Steve	OSPR	(562) 598-2849
Gicuhi	Ngiabi	Plains	(562) 489-6466
Gilliland	Ken	Stantec	(805) 290-0541
Giovanacci	Anthony	SB OEM	(805) 636-6983
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
Gomez	Roberto	Plains	(805) 863-6606
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) 967-3956
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
Griffeth	Jason	Plains	(918) 285-0768
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
Guidry	Mike	Plains	(337) 526-8539
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) 895-2947
Hastings	Sean	NOAA	(805) 705-1790
Hatton	Laura	Plains	(562) 818-6550
Haug	Tom	WOB	(562) 217-3511

Hawley	Georganna	Applied Earthworks	(805) 760-3175
Headrick	Tylor	SB OEM	(917) 723-3441
Heap	Eric	Plains	(307) 799-8528
Hebert	Allen	Plains	(661) 204-0188
Heckman	Rob	SB Co FD	(805) 681-5501
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) 979-6099
Hernandez	Claudio	SB Co FD	(805) 896-6339
Hicks	Eric	Stantec	(619) 246-0951
Higgins	Damian	US Fish & Wildlife	(916) 943-8529
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
Hole	Zoe	Stantec	(604) 362-6404
Hollabaugh	Scott	Plains	(918) 285-1241
Holland	Lora	Coast Guard	(409) 527-2022
Holland	Michael	CTEH	(518) 796-4151
Holmes	John	ACTI	(310) 734-9125
Holmes	Capt John	ACTI	(310) 347-6350
Holt	Jesse	Plains	(918) 521-9421
Holton	Aaron	WOB	(985) 290-6634
Hooper	Michael	LA OEM	(213) 792-4237
Hoover	Kelly	SB SO	(805) 636-3478
Hoppa	Kristin	Applied Earthworks	(310) 266-0295
Horn	Michael	OSPR	(760) 964-2312
Hosch	Karl	Pacific Petroleum	(805) 878-4408
Hosking	Scott	SB Co	(805) 896-2902
Houchin	Brad	Patriot Environmental	(805) 234-3523
Houghh	Trevor	Applied Earthworks	(949) 742-1894
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
Ishikawa	Cynthia	US DOT	(909) 937-7229
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) 826-0166
Johnsen	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	Ashley	Coast Guard	(906) 373-9499
Johnson	Cordell	USGS	(530) 906-3959
Johnson	Stephanie	US Fish & Wildlife	(310) 743-5849
Johnson	Kenneth	Plains	(918) 285-6236
Johnston	Jason	SB Co Public Health	(805) 315-5805
Johnston	Stewart	SB Co CEO	(805) 680-7637
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
Karnes	Kristen	CTEH	(615) 574-5409
Katchmar	Peter	US DOT	(303) 807-8458
Kellar	Nick	NOAA	(760) 402-6444
Keller	Tyler	Plains	(307) 262-1421
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
Kimura	Scott	OSPR	(805) 550-1449

King	Erik	Coast Guard	(607) 341-3331
Kinsella	Kevin	Coast Guard	(610) 217-7846
Kinsella	Ashlee	SB Co	(805) 568-2639
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
Klasing	Susan	CA OE	(916) 247-2677
Klein	Brad	Plains	(432) 413-8093
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
Kofron	Chris	US Fish & Wildlife	(805) 766-3251
Kong	Corey	Ca Fish & Wildlife	(562) 477-7081
Kontos	Michael	Plains	(213) 663-9784
Kossoff	George	SB Co	(805) 896-2224
Kownacki	Alexa	NOAA	(858) 761-7424
Kuhlman	Chris	CTEH	(501) 247-3871
Kushner	David	US Dept Interior	(805) 259-6806
Kushnerov	Valerie	City of Goleta	(805) 689-8044
Lacanlale	Joe	Coast Guard	(206) 484-2870
LaDuke	Yvette	Ca OES	(714) 330-1026
Laiblin	Eric	Plains	(661) 910-4014
LaMoria	Brian	Coast Guard	(443) 834-6302
Lang	Alfred	Ca Trans	(805) 459-2271
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
Law	Stephanie	Plains	(281) 630-7726
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
LeClair	Mark	Ca State Lands Com	(562) 590-5453
Ledig	David	BLM	(831) 630-5006
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	Dan	OSPR	(510) 220-4192
Leone	Brad	Plains	(281) 806-9911
Letter	Chris	Padre	(847) 656-6654
Liberts	Stacy	SB Co	(805) 451-8468
Lichtenstein	Bob	Applied Earthworks	(909) 263-7687
Lipton	Scott	OSPR	(916) 798-5087
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	Scott	Universal Staffing	(661) 829-9633
Lorenson	Tom	USGS	(650) 642-5627
Lowe	Ron	Plains	(661) 978-4908
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
Lyons	David	Ca Fish & Wildlife	(562) 666-5039
MacArthur	Jon	WOB	(623) 229-8875
Macaulay	Jeremiah	SoCal Ship Services	(310) 613-2499
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
Macphee	Walt	CTEH	(501) 276-9016
Magdasy	Bret	CTEH	(206) 841-0846
Mahoney	Lourdes	CTEH	(813) 391-4657
Majel	Lucia	COCC	(951) 514-9789
Maki	Mary	Applied Earthworks	(805) 494-4309
Maldonado	Danny	CTEH	(281) 900-9712
March	Steve	Plains	(661) 343-5372
Marek	Jenny	US Fish & Wildlife	(805) 402-6612
Marn	Carolyn	US Fish & Wildlife	(916) 798-7959
Martin	Karen	Pepperdine Univ	(310) 713-4808
Martin	Shaun	Native Energy	(561) 654-5583
Martin	Gene	Native Energy	(564) 714-0519
Martinez	Jacqueline	Ca OES	(714) 520-1833
Martinez	Juan	Plains	(661) 978-4913

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
Maynard	Patrick	Ventura Co OES	(805) 797-3623
McCaleb	Mark	OSPR	(707) 416-6706
McCarthy	Whitney	SB Co	(805) 568-2659
McCarthy	Glenn	West Coast Enviro	(714) 234-0999
McCarthy	Olivia	CTEH	(908) 303-0019
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
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
Melero	Martin	Murphy Electric	(805) 965-0313
Mello	Joe	Ca Fish & Wildlife	(209) 595-5504
Merrick	Dustin	Applied Earthworks	(805) 458-8714
Messer	Ishmael	Ca OES	(805) 358-1123
Michel	Jacqueline	NOAA	(803) 513-5650
Miguel	Edwin	SB Locksmiths	(805) 451-3918
Mikes	Tina	OMI	(832) 347-0071
Milbury	Jim	NOAA	(310) 245-7114
Miles	Scott	LSU	(225) 936-5261
Millard	Hollis	C-K Associates	(281) 684-3433
Miller	Pat	SB Co	(619) 203-3008
Millner	Christine	CTEH	(501) 258-0915
Milstein	Eric	OSPR	(916) 206-1078
Milton	Brian	EPA START	(510) 332-4439
Minarich	Damon	Stantec	(916) 826-4018
Mitchell	Fred	Ponder	(707) 301-1823
Miyasato	Mona	SB Co CEO	
Mizota	Louise	LK Mizota & Assoc	(805) 252-6427

Mobley	Chris	NOAA	(805) 259-6540
Modugno	Andrew	Stantec	(805) 422-1450
Moe	Sean	Ca Fish & Wildlife	(619) 322-3989
Mogharabi	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
Morey	Mark	US DOE	(805) 698-8244
Morgan	Mike	Plains	(601) 467-1621
Moriarty	Sean	Stantec	(207) 504-7280
Morris	Brett	Ca State AG	(510) 725-2052
Morrissette	Eric	US Fish & Wildlife	(760) 271-5443
Mosley	Dave	Patriot Environmental	(661) 340-7177
Moss	Melissa	BCFS	(715) 570-8670
Mostellar	Sally	CTEH	(805) 451-0045
Muftah	Osama	SB Co	(805) 568-2543
Mullen	Marc	WOB	(360) 540-0306
Mulligan	David, J	PHMSA	(720) 431-5003
Munns	Ann	Applied Earthworks	(805) 451-5825
Munoz Pena	Joel	OC&C	(562) 824-6151
Murphy	Don	WOB	(516) 996-7348
Murphy	Cindy	OSPR	(916) 616-4515
Murray	Matt	SB Co	(805) 452-3802
Musante	Jason	US EPA	(213) 479-2120
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	Christina	Applied Earthworks	(661) 487-7277
Neels	David	SB Co FD	(805) 680-1768
Nelson	Jack	ACTI	(714) 869-4534
Nelson	Don	Ca Fish & Wildlife	(626) 629-9096
Nepote	John-Paul	Plains	(925) 765-3177
Nesheim	Jacob	NL INC	(805) 450-0842
Neubert	Pamela	Stantec	(617) 366-9032
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
Nguyen	Stephanie	NRC	(512) 228-5727

Nguyen	Sheryl	Plains	(832) 623-1358
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) 795-5767
Norton	Walt	Plains	(601) 596-6317
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
Ormonde	Scott	Pacific Petroleum	(805) 260-7889
Orr	Howard	SB Co FD	(805) 794-5102
Orr	Jason	SB Co FD	(661) 305-2630
Orr	Daniel	OSPR	(916) 599-1381
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
Patino	Juan David	USCG	(251) 751-9820
Patterson	Donald	SB OEM	(805) 696-1191
Paulson	Levi	Plains	(701) 449-6956
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	Vince	Coast Guard	(843) 209-0046
Perez	Silvano	NL IMC	(805) 450-0842
Permut	Melissa	Veg-land Inc	(714) 356-0571

Peterson	Robert	Applied Earthworks	(805) 588-2364
Phillips	Jeff	US Fish & Wildlife	(415) 652-6502
Pimienta	Sandra	Stantec	(916) 717-0316
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
Polish	Rachel	Coast Guard	(415) 713-7224
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
Quarterman	Vossey	Worley	(985) 237-9277
Race	Steve	Plains	(818) 400-9802
Race	Mike	Plains	(818) 631-8094
Radcliff	Keith	ISS	(903) 721-5030
Ramirez	Robert	Plains	(562) 577-9941
Randall	Kathy	Plains	(805) 657-6764
Rasmussen	Jan	SB Co Exec Office	(707) 342-0937
Reczek	Yavonne	BCFS	(210) 749-8062
Reczek	Yavette	BCFS	(386) 756-0436
Redford	Kevin	Plains	(562) 216-3153
Reese	Michael	NRC	(516) 982-5752
Reilly	David	NOAA	(562) 254-1055
Reitherman	Bruce	SB Co Energy	(805) 959-4680
Rejzek	Tom	SB Co Public Health	(805) 896-6348
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
Riach	Mike	SB Co FD	(805) 766-8157
Riedel	Jim	NRC	(206) 550-0648
Rihani	Michael	Plains	(281) 658-9704

Rivera	Julio	Plains	(713) 449-1536
Rizer	Cassandra	Plains	(310) 755-1216
Roberts	StephAnnie	Stantec	(805) 427-4873
Roberts	Mia	OSPR	(661) 361-6256
Robinson	Tiana	Stantec	(519) 505-3438
Robinson	Breanna	Coast Guard	(707) 536-7838
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	Gilbert	CHF	(805) 325-3043
Romero	Freddie	SYCM	(805) 688-7997
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) 814-4183
Roskey	Mike	OSPR	
Ross	Craig	Coast Guard	(315) 412-6810
Royal	Chris	Coast Guard	(906) 322-6455
Ruder	Mark	Plains	(661) 910-4105
Rudley	Mike	Patriot Environmental	(562) 244-2270
Ruellle	Danielle	Coast Guard	(781) 307-6640
Rugaard	Karen	Plains	(281) 216-8347
Russell	Evan	Coast Guard	(251) 635-2235
Ryman	Dana	CTEH	(409) 692-0387
Saavedra	Ashley	Plains	(510) 260-9092
Safechuck	Scott	SB Co FD	(805) 208-1158
Sanchez	Carlos	NRC	(510) 915-4052
Sanchez	Martin	Ca Trans	(805) 441-5188
Sanford	Gary	Plains	(713) 534-7150
Santacana	Cesar	Coast Guard	(805) 896-6788
Santonil	Malinda	OSPR	(562) 499-9699
Santoyo	Cele	SB Co	(805) 896-2918
Santy	Jenna	Applied Earthworks	(858) 774-6956
Sawant	Anuya	Stantec	(805) 341-9514
Schaefer	Joe	US EPA	(609) 865-8111
Scherer	Nora	Stantec	(651) 491-1565
Scherz	Andrew	CTEH	(501) 258-7077
Schmid	Michael	SB Co	(805) 218-4812

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
Scott	Walter	Ca State Lands Com	(323) 633-3703
Scranton	Tom	Patriot Environmental	(702) 501-7020
Scranton	Alex	Patriot Environmental	(818) 442-2890
Seay	Stephanie	Padre	(805) 674-7588
Sehlinger	Trent	WOB	(504) 382-3503
Seitz	Bob	Patriot Environmental	(480) 438-1614
Selby	Chase	CTEH	(501) 515-2774
Senner	Bill	Plains	(562) 221-8211
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
Shypkoski	Ed	Plains	(701) 590-1254
Sides	Mark	Plains	(281) 793-5179
Siemann	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
Slaman	Joe	Plains	(562) 254-3497
Slater	Darell	SB Lockmiths	(805) 963-3333
Slayman	Jennifer	SB Co	(805) 680-3507
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
Smith	Brent	Plains	(713) 540-1397
Sobieski	Dan	WOB	(714) 342-6358

Sodusta	Jaime	SB Co	(805) 705-1341
Spear	Kristen	Kelly Services	(805) 501-0363
Spratt	Ashley	US Fish & Wildlife	(573) 356-5593
Springs	Damien	WGRSW	(818) 524-0424
Spurlin	Sharon	Plains	(281) 455-2084
Stackhouse	Mike	Plains	(281) 684-7985
Stahl	Shane	Ca Fish & Wildlife	(916) 340-4123
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
Stifel	Este	US BLM	(703) 424-0802
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
Strauch	Slade	Plains	(281) 217-2584
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
Sullivan	Brett	Padre	(805) 801-7651
Summerfield	Scott	SB Co	(510) 714-4470
Syre	Chris	Ca Fish & Wildlife	(562) 522-2950
Tai	Suu-Va	Ca Volunteers	(414) 425-1514
Tamargo	Tim	Coast Guard	(409) 370-7400
Tapawan	Lexter	NOAA	(206) 934-0357
Taylor	Rick	Plains	(562) 577-7007
Taylor	Rob	Plains	(918) 285-1170
Taylor	Sharon	Ponder	(707) 718-6580
Taylor	Joe	Plains	(661) 246-8598
Tejada	Barbara	CSP	(661) 435-3372
Thixton	Chris	Ca Fish & Wildlife	(562) 233-7095
Thom	Bryan	NOAA	(410) 937-7403
Thomas	George	Stantec	(805) 276-4885
Thompson	Eric	NOAA	(805) 910-9707
Thornton	Carl	SB Co	(805) 207-3653
Tivey	Dennis	Co SB Social Serv	(805) 689-8055
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
Troy	Bob	SB OEM	(805) 883-8036
Tryon	Thea	CCWB	(805) 542-4776
Tumamait	Julie	BVBMI	(805) 646-6214
Turner	Adam	Plains	(661) 910-8729
Turner	Keith	Plains	(562) 216-3281
Unzueta	Gil	Applied Earthworks	(805) 807-7179
Valentine	David	UC SB	(805) 729-5431
Valenzuela	Troy	Plains	(713) 444-6984
Valenzuela	Noe	OC&C	(562) 234-6584
Velez	Patty	OSPR	(831) 649-2876
Vences	Agusten	NL INC	(805) 450-0842
Venkat	Manjunath	Stantec	(805) 358-9479
Verrue-Slater	Kathy	Ca Fish & Wildlife	(916) 599-1687
Vetters	Josh	WOB	(979) 665-6355
Victoria	Jon	Ca Fish & Wildlife	(310) 413-6533
Viezbicke	Justin	NOAA	(562) 506-4315
Villalobos	David	SB Co Planning	(805) 453-8850
Viola	Sloane	OSPR	(415) 497-1950
Vollbrecht	Kevin	NOAA	(818) 929-5416
Von Der Leith	Dion	Ca State Parks	(805) 331-8022
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
Welch	Billy	Plains	(432) 413-9391
Wells	Anne	City of Goleta	(805) 637-4397
Welsh	Michael	NOAA	(303) 717-2866

Westervelt	Jeff	OSPR	(916) 212-1367
Wharton	Tre	C-K Associates	(225) 252-7081
Whitaker	Stephen	US Dept Interior	(949) 291-8131
White	Chris	ISS	(903) 721-9681
White	Greg	OSPR	(805) 458-1879
White	Cassandra	OSPR	(916) 508-2641
White	Jennifer	NOAA	(985) 634-9912
White	Tony	SB Co FD	(805) 895-5007
Whitlock	Janet	US Fish & Wildlife	(916) 769-3918
Wickes	Brian	Stantec	(415) 233-0326
Wiese	Kris	Ca Fish & Wildlife	(760) 681-6473
Wiggins	Chris	NOAA	(404) 392-6710
Wilkin	Sarah	NOAA	(240) 429-9161
Williams	Jennifer	Coast Guard	(562) 355-3672
Williams	Vincent	Coast Guard	(757) 567-8636
Williams	Darren	ACTI	(661) 747-6444
Williams	Bailey	CTEH	(501) 516-9060
Wilson	Allison	Plains	(213) 925-9633
Wilson	Ken	OSPR	(805) 558-1006
Wilson	Colby	Plains	(210) 248-4432
Witting	David	NOAA	(562) 508-3264
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
Young	Rebecca	NOAA	(805) 893-6420
Young	Matt	Co SB Planning	(805) 568-2513
Young	Collen	CA Fish & Wildlife	(831) 212-7010
Yukihiro	Richard	Patriot Environmental	(562) 244-2764
Zane	Jeff	Stantec	(805) 340-5768
Zavalla	Joe	CHF	(805) 245-2542
Zavlodaver	Gil	Ventura Co Sheriff	(805) 947-8054
Zellmer	Mark	Stantec	(714) 742-9131
Ziccardi	Mike	OWCN	(530) 979-7561
Zimmerman	Daniel	Padre	(805) 235-2984
Zonana	David	Ca State AG	(510) 417-7258
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: 06/03/2015 0600 To: 06/05/2015 0600	MEDICAL PLAN ICS 206-CG

3. Medical Aid Stations

Name	Location	Contact #	Transport Availability
Medical Station/Field Nurse	Refugio Staging 193 Refugio Road Goleta, CA 93117	805-451-0971	No
Santa Barbara County Fire Paramedic (Josh Cazier) - obtaining entry and exit vital signs on Haz-Mat workers	Culvert SIte	805-896-6333	No
Santa Barbara County Fire, water rescue, helicopter with hoist	4410 Cathedral Oaks, Santa Barbara, A	911	Yes
Montecito and Carpentaria Fire Water Rescue Team	Santa Barbara County South	911	No
Ventura Fire, Oxnard Fire, Ventura County Fire, water rescue, helicopter with hoist	Ventura County	911	No
US Coast Guard, Medi-Vac. Rescue Swimmers	1001 South Seaside, San Pedro, CA 90731	855-562-4900 510-437-3701	Yes

4. Transportation

Ambulance Service	Address	Contact #	Care Capability
American Medical Response	240 East Hwy 246 Buellton, CA 93117	805-245-3424	Paramedic/EMT team
CALSTAR 7 (air medical transport team, no hoist)	3996 Mitchell Road Santa Monica, CA 93455	805-938-9038	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 Or 911	2 Paramedic team with Rescue Swimmer
Santa Barbara County Fire Rescue, Helicopter, Medical, water rescue and dispatch center	4408 Cathedral Oaks Road Santa Barbra	805-692-5723 or 911	Paramedic
US Coast Guard	101 South Seaside Ave #20, San Pedro, CA 90731	855-562-4900 510-437-3701 VHF Channel 16	Rescue Swimmer/Medivac

5. Hospitals

Hospital Name	Address	Contact #	Travel Time		Burn Center	Helipad
			Air	Ground		
Goleta Valley Cottage Hospital	251 South Patterson Ave, Santa Barbara, CA 93111	805-967-3411	N/A	20/min		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
Saint John Pleasant Valley Hospital	2309 Antonio Ave, Camarillo, CA 93010 Hyperbaric available Monday to Friday 0800-1800	(805) 389-5944	30	1 HR		

LA County Medical Alert (available 24/7)	200 UCLA Medical Plaza Suit B Los Angeles, CA 9005	1(866)940-4401	1 HR	N/A	No	Yes
UCLA Available 0800-1700	200 UCLA Medical Plaza Suit B Los Angeles, CA 9005	310-794-9014	30 min.	1 Hr	No	Yes

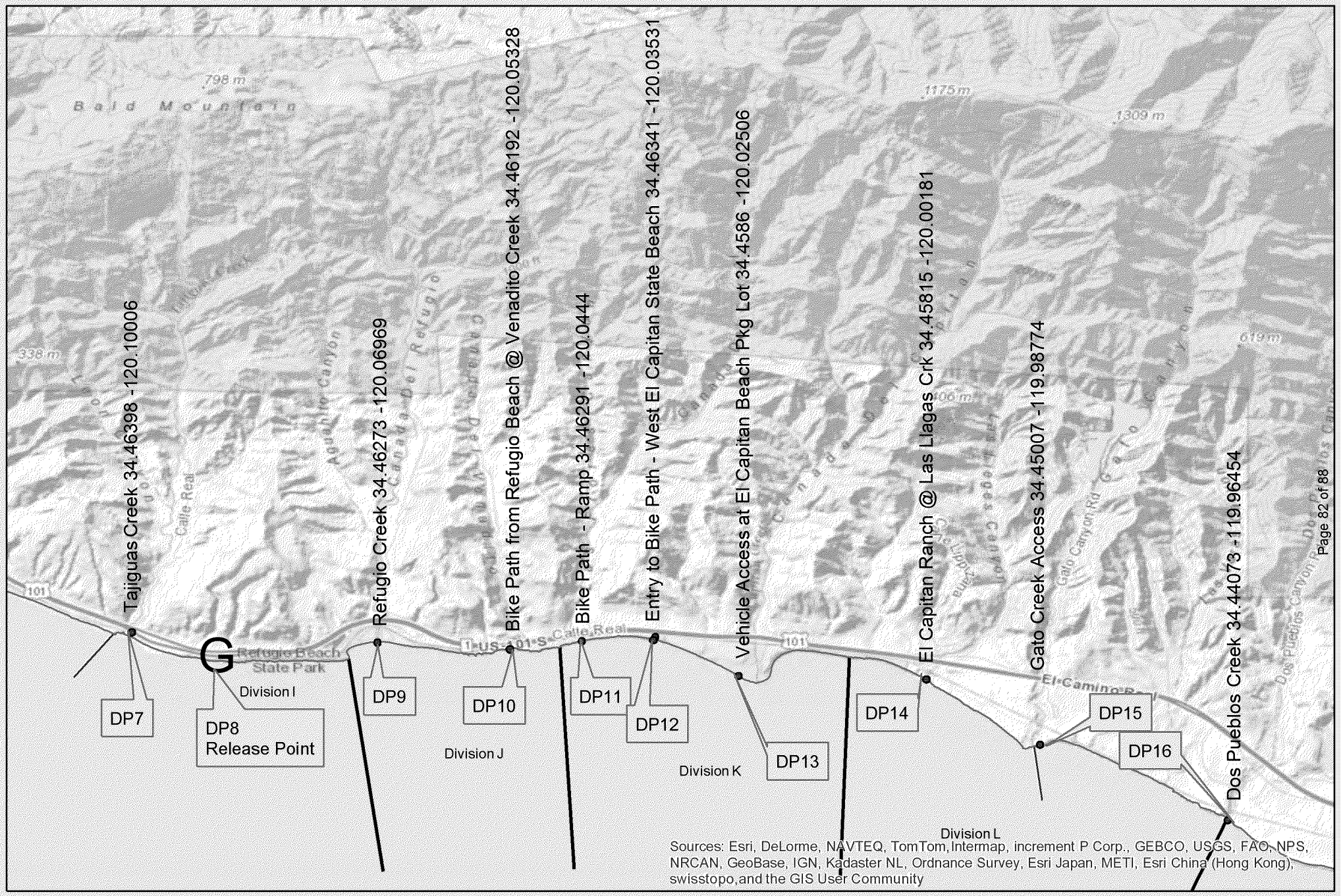
6. Special Medical Emergency Procedures

1. If medical, injury or dive emergency occurs on boat, call 911 and report location geographically where the incident is located (GPS Coordinates). 911 will dispatch appropriate emergency resources to scene.
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. Transport by boat to nearest harbor.
3. 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**
Michael Holland MD/ Lisa Caten DMUL	06/04/15		



Calif. Dept. of Fish and Wildlife
Office of Spill Prevention and Response

Data Source: OSPR
Requestor: SBFD
Author: J. Muskat
Date Created: 5/25/2015

NAD_1983_California_Teale_Albers

Medical Access
Drop Point Locations

0 0.65 1.3 1.95 2.6
Miles

SAFETY MESSAGE/PLAN (ICS 208)

1. Incident Name: Refugio Incident	2. Operational Period: Date From: 06/04/2015 Date To: 06/12/2015 Time From: 06:00 Time To: 06:00

3. Safety Message: Potential Wet Weather

Weather changes are predicted for the next week, bringing in rain showers.

- **Wet clothing can contribute to hypothermia and other problems such as skin rashes and foot fungus.**
  - **Ensure that you have the proper PPE and gear for the weather.**
- **Pathways and working surfaces may be slick during and after rain storms.**
  - **Pay extra attention to the possibility of slippery surfaces**
- **Wet pavement, it can be very slick after long dry periods.**
  - **Be extra cautious when driving in these conditions.**

Safety Phone numbers: 409-692-0387 Dana Ryman
661-332-9164 Randy Fordham
573-6733183 Derek Kliethermes

4. Site Safety Plan Required? Yes X No ☐
Approved Site Safety Plan(s) Located At: Posted in EOC or contact Safety Officer

5. Prepared by: Name: Dale Rhodes, Position/Title: Safety Specialist_____Signatures: [signature]

ICS 208	IAP Page 1	Date/Time: 6/4/2015 10:22

Approved [signature] 6/4/15 SOFR
RANDY FORDHAM

SAFETY MESSAGE/PLAN (ICS 208)

1. Incident Name: Refugio Incident	2. Operational Period: Date From: 06/04/2015 Date To: No End Time From: 06:00 Time To: 06:00

3. Safety Message: Air Wash Rock and Debris Hazard

- **Beach clean-up crews are experiencing overhead falling rocks from bluffs and cliffs when helicopters approach too closely.**
  - **Helicopters must stay 400 yards or greater from bluffs and cliffs when personnel are present below.**

Safety Phone numbers: 409-692-0387 Dana Ryman
661-332-9164 Randy Fordham
573-6733183 Derek Kliethermes

4. Site Safety Plan Required? Yes X No ☐
Approved Site Safety Plan(s) Located At: Posted in EOC or contact Safety Officer

5. Prepared by: Name: Dale Rhodes, Position/Title: Safety Specialist Signatures: [signature]

ICS 208	IAP Page 1	Date/Time: 6/4/2015 10:59

approved [signature] Randy Fordham
6/4/15

SAFETY MESSAGE/PLAN (ICS 208)

1. Incident Name: Refugio Incident	2. Operational Period: Date From: 06/05/2015 Date To: 06/05/2015 Time From: 06:00 Time To: 18:00

3. Safety Message: Bicycle Event Using Hwy 101S

Situation:

Tomorrow, Friday 6/5/2015: Bicyclists will be travelling on Hwy 101S from approximately 08:00 to 14:00. There may be additional related vehicle traffic and pedestrian onlookers.

Risks and Remediation:

- **Bicycles, pedestrians and vehicles in close proximity**
  - **Expect to see an abundance of bicycles and pedestrians when entering and using highway 101.**
  - **Take extra care to look for bicycles, pedestrians and vehicles at intersections and roadsides.**

- **Public Relations:**
  - **Please be extra courteous in traffic with bicyclists and others.**
  - **Give them room and slow down when passing.**

Safety Phone numbers: **409-692-0387 Dana Ryman**
661-332-9164 Randy Fordham
573-6733183 Derek Kliethermes

4. Site Safety Plan Required? Yes X No ☐
Approved Site Safety Plan(s) Located At: Posted in EOC or contact Safety Officer

5. Prepared by: Name: Dale Rhodes, Position/Title: Safety Specialist_____ Signatures: Dale Rhodes

ICS 208	IAP Page 1	Date/Time: 6/4/2015 11:46

approved plan SOFR 6/4/15
Randy Fordham

SAFETY MESSAGE/PLAN (ICS 208)

1. Incident Name: Refugio Incident	2. Operational Period: Date From: 06/06/2015 Date To: 8/1/2015 Time From: 06:00 Time To: 18:00

3. Safety Message: Slips, Trips, Falls

Situation:

- **There has been a notable spike in slips trips and falls from workers walking on uneven surfaces on the beach and working on slippery surfaces in decon.**

Risks and Remediation:

- **When transitioning personnel through decon and plastic is placed in the decon pool, consider installing a handrail, as the surface is very slippery. In addition, decon monitors should assist persons transitioning to help prevent slips and falls.**
- **Take your time and look where you are going. Be especially careful on uneven ground, when walking on rocks or when working in slipper areas, such as decon.**
- **Don't take short cuts. Use the designated walkways.**
- **Make sure that carried objects do not obstruct your view, impair your balance or prevent you from using handrails.**
- **Mark slippery areas.**
- **Wear non-slip shoes with supportive ankle protection.**

4. Site Safety Plan Required? Yes X No ☐
Approved Site Safety Plan(s) Located At: Posted in EOC or contact Safety Officer

5. Prepared by: Name: Mary Vreeland Position/Title: Safety Specialist Signatures: Mary Vreeland

ICS 208	IAP Page 1	Date/Time: 6/4/2015 11:46

approved 6/4/15
Randy Fordham SOFR

Wx Forecast as of 1500, 04JUN15

Friday
A 20 percent chance of showers. Mostly cloudy, with a high near 68. Light and variable wind becoming west 5 to 10 mph in the morning. Winds could gust as high as 20 mph.

Friday Night
Mostly cloudy, with a low around 53. West wind 5 to 10 mph becoming south after midnight. Winds could gust as high as 15 mph.

Saturday
Partly sunny, with a high near 71. South southwest wind 5 to 10 mph.

Saturday Night
Patchy fog after midnight. Otherwise, mostly cloudy, with a low around 54. West wind 5 to 10 mph becoming light and variable after midnight.

TIDES

Day	High	Low	High	Low	High Moon	Sunrise	Sunset
Fri 5		6:36 AM PDT / -0.7 ft	1:19 PM PDT / 3.7 ft	5:58 PM PDT / 2.2 ft		5:46 AM PDT	8:08 PM PDT
Sat 6	12:03 AM PDT / 5.4 ft	7:24 AM PDT / -0.6 ft	2:15 PM PDT / 3.8 ft	7:01 PM PDT / 2.4 ft		5:46 AM PDT	8:08 PM PDT

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	DAILY MEETING
Refugio Incident	**From** 06/05/2015 06:00 **To** 06/07/2015 05:59	Ops Period 13	**SCHEDULE ICS 230-CG**

3. Meeting Schedule(Commonly-held meetings are included)

Date/Time	Meeting Name	Purpose	Attendees	Location
06/05/2015 05:00	Operations Briefing	Present IAP and assignments to the Supervisors/Leaders for the next Operational Period	IC/UC, Command & General Staff, Branch Directors, DOV/GRP Supv, Task Force/Strike Team Leaders and Unit Leaders	Refugio State Beach
06/05/2015 07:30	ICP Briefing	Brief ICP personnel on activities accomplished and activities planned.	ICP Personnel	Goleta ICP
06/05/2015 08:00	Unified Command Briefing	Provide update to Unified Command.	UC, Command and General Staff, SITL, EUL	Goleta ICP
06/05/2015 12:30	Operations Tactics Validation	Validate operations tactics for the next operational period.	OPS, PSC, SOFR, SITL, Branch Directors	Goleta ICP
06/05/2015 18:00	Unified Command Brief	Brief Unified Command on the day's activities including SCAT.	UC, Command Staff and General Staff, SITL, EUL	Goleta ICP
06/06/2015 05:00	Operations Briefing	Present IAP and assignments to Field Supervisors	Operations Section	Refugio State Beach
06/06/2015 07:30	ICP Briefing	Brief ICP personnel on activities accomplished and activities planned.	ICP Personnel	Goleta ICP
06/06/2015 08:00	UC Objectives Meeting	Review and update objectives	Unified Command, PSC	Goleta Command Post
06/06/2015 09:30	Command and General Staff Meeting	UC provide the command and general staff with updates on objectives and receives feedback/updates from staff.	UC, Command and General Staff, SITL, EUL	Goleta ICP
06/06/2015 12:30	Preparing for the Tactics Meeting	Prepare for the upcoming tactics meeting. Review the ICS 234, ICS 215 and ICS 215a as appropriate	PSC, OSC, LSC, FSC	Goleta Command Post
06/06/2015 14:00	Tactics Meeting	Develop/Review primary and alternate strategies to meet Incident Objectives for the next operational period.	PSC, OSC, LSC, FSC, RUL, SUL, SOFR, DOCL, COML and THSP	Goleta Command Post
06/06/2015 15:00	Preparing for the Planning Meeting	The Planning Section Chief facilitates the preparation of documents for the Planning meeting.	Command and General Staff	Goleta Command Post
06/06/2015 17:30	Planning Meeting	Review status and finalize strategies and assignments to meet Incident Objectives for the next Operational Period.	IC/UC, Command & General Staff	Goleta Command Post
06/06/2015 18:00	SCAT Briefing	Brief the Unified Command on SCAT activities	Unified Command	Goleta Command Post
06/06/2015 19:00	IAP Approval	Present the IAP to the Unified Command for approval.	IC/UC, PSC	Goleta Command Post

4. Prepared by (Situation Unit Leader)	Date / Time
Aaron Holton	06/04/2015 06:40