**July 27, 2015 Daily Report**

***(Presenting July 26 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** (July 27)
    - Anticipated problems and planned resolutions

- **Daily Progress Report** (describing prior day, July 26)
    - Significant Developments
    - Work Performed
    - Disposal Information

- **CTEH Summary of Environmental Sampling Efforts** (as issued on July 23)
    - Due to the UC-approved reduction of surface water sampling frequency from daily to once per week, environmental summaries will be distributed once per week moving forward

- **Incident Action Plan** (Effective July 10 06:01 – August 12 6:00)
    - Schedule of Work to be Performed (Form 204)

**Summary of Anticipated Problems and Resolutions**

**Refugio Incident**

July 27, 2015

| Anticipated Problems | Planned Resolutions |
|---|---|
| • Beach access in section K and J with while beaches are open to the public. | • Strategic placement of security guards letting them public know that we are working to clean up stained and oiled rocks. |
| • Cleaning within Safety constraint areas of I, J, and K. | • Building more overhead safety supports as well as looking at bringing in dry ice blaster. |
| • Significant length of time to clean Beach Section I5 due to large rock scrapping. | • Investigate the possibility of flying in dry ice blasting equipment. This option is being vetted with coastal commission. |
| • Not able to work 7 days a week on section 1. | • Increase amount of trucks hauling dirt into site. |

Incident Command Post Santa Barbara
Refugio Oil Spill
*Unified In All Missions*
July 26, 2015
Response Day 69

**Daily Progress Report**

The ICP is currently overseeing operations in Santa Barbara County. Active day and night field operations are ongoing in Santa Barbara Division I.

**Safety**

- Work site accidents / mishaps resulting in property damage or injuries to responders beyond First Aid:
  - 11 Recordable Injuries to date related to this response.

**Environmental**

Shoreline Cleanup Assessment Techniques (SCAT) Phase II end points have been achieved for 89.7% of the overall impacted shoreline and 1.1% remains active for recovery operations. The remaining 9.2% is being actively monitored by response personnel.

Waste Management data

| Waste Management (26 June – 26 July 2015) | | |
|---|---|---|
| **Material** | **Estimated Daily Total Removed (cubic yards)** | **Estimated Cumulative Total Removed (cubic yards)** |
| **Oiled Sand** | 0 | 1170 |
| **Oiled Vegetation** | 0 | 870 |
| **Oiled Debris/PPE** | 0 | 1575 |
| **Oiled Soil** | 0 | 7812 |
| **Culvert Soil** | 0 | 2000 |
| **Absorbent** | 0 | 345 |

**Operations**

- Command Objectives achieved: NSTR
- Severe weather conditions that may impact operations: NSTR
- Deviation of strategies or tactics from approved Incident Action Plan: NSTR
- Major equipment failures that impact operations: NSTR
- Change to or need for additional road closures: Closures continue on Hwy 101 Southbound
- Cultural / historical impacts and/or concerns: NSTR

Wildlife: Four of the seven CA sea lions from the Refugio incident cleared for return have had some health issues flare back up so the veterinary team took them off of the approved list. SeaWorld has received a standing request from CNN (LA Bureau) to cover the return of the marine mammals.

| **Current as of:** | **TOTAL Birds** | | | **Birds Released** | **TOTAL Mammals** | | | **Mammals Released** |
|---|---|---|---|---|---|---|---|---|
| **26 July** | Live | Dead | Total | **Total** | Live | Dead | Totals | Total |
| **Cumulative Total** | 57 | 195 | 252 | 42 | 62 | 106 | 168 | 3 |

**NOTE-** Wildlife Branch field recovery operations and Command Post presence have been demobilized. Care for oiled wildlife continues off-site with oversight by the Wildlife Branch Director also working remotely. Wildlife numbers will be updated in the future only to add to numbers of animals released, or if corrections to previous numbers are required based on continuing review of records.

**Liaison**

- Any VIP visits or political interests and concerns: Reports of negative stakeholder interests: NSTR
- Cultural / historical impacts and/or concerns: NSTR

**Public Information**

- Publication of significant media issues: NSTR

**Logistics**

- Change in status for any Incident facilities: Shifting of Command Post to Refugio Staging

**Personnel Involved**

- 313 workers are engaged in Field Operations.
- 31 personnel are assigned to the ICP.
- 344 total personnel are assigned to the response.

# Refugio Incident
# Summary of CTEH® Environmental Sampling Efforts
# July 23, 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– 07/22/2015

| Media | Matrix | Sample Count |
|---|---|---|
| Water | Surface Water | 284 |
| | Water Column | 54 |
| | Culvert/Flush Water | 9 |
| Sediment | Beach Sediment[2] | 67 |
| | Ocean Sediment[3] | 15 |
| Soil | Potential Backfill Soil/Sand | 57 |
| | Section Four Soil | 39 |
| | Trench Excavation/Section One Soil | 63 |
| | Section Two/Three Soil | 9 |
| | Section 1 Background Soil | 20 |
| | Section 4 Background Soil | 20 |
| Petroleum | Product/Tar Ball Sample | 222 |
| | 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.

[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).

## Table 2: TPH[1] Preliminary Data Summary[4]
## 05/20/2015– 07/22/2015

| | | Highest Detection | | Most Recent TPH Result Received | |
|---|---|---|---|---|---|
| | Location | Date | TPH (mg/L) | Date | TPH (mg/L) |
| Water Column | D001-S | 6/6/2015 | 0.228 | 6/6/2015 | 0.228 |
| | D001-M | 5/22/2015 | 0.1 | 6/6/2015 | ND |
| | D001-D | 6/3/2015 | 0.5 | 6/6/2015 | ND |
| | D003-S | 5/31/2015 | 0.189 | 6/1/2015 | ND |
| | 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 | 7/5/2015 | ND |
| | SW02 | 5/21/2015 | 677.111 | 7/5/2015 | 0.068 |
| | SW03 | 5/26/2015 | 4.9 | 7/5/2015 | 0.4 |
| | SW04 | 6/14/2015 | 16.6 | 7/5/2015 | ND |
| | SW05 | 6/3/2015 | 63.1 | 7/5/2015 | 0.27 |
| | SW09 | 6/5/2015 | 6.9 | 7/6/2015 | 0.049 |
| | SW10 | 5/21/2015 | 1.89 | 5/21/2015 | 1.89 |
| | SW11 | 6/6/2015 | 2.3422 | 7/6/2015 | ND |
| | SW12 | 6/10/2015 | 5.1 | 7/6/2015 | ND |
| | SW13 | 6/6/2015 | 1.9 | 7/6/2015 | 0.23 |
| | SW14 | No detections | | 6/9/2015 | No detections |
| | SW15 | 7/6/2015 | 2.03 | 7/6/2015 | 2.03 |
| | LASW01 | No detections | | 6/8/2015 | No detections |
| | VESW01 | No detections | | 6/9/2015 | No detections |

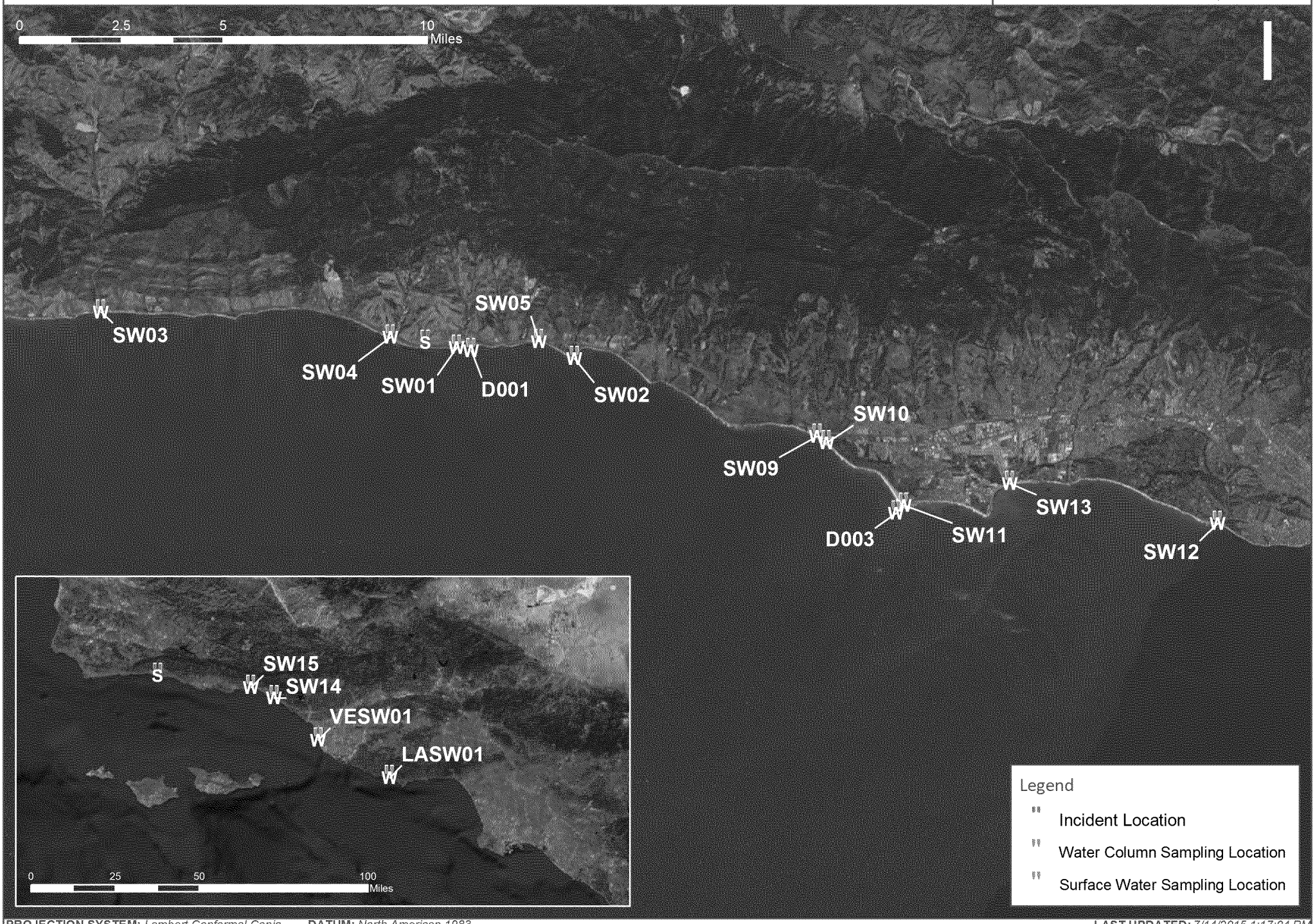
[4] The data presented within the table is considered preliminary and has not completed the complete QA/QC process.

CTEH

# Water Sampling Locations

Refugio Incident | May 20, 2015 to July 22, 2015

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



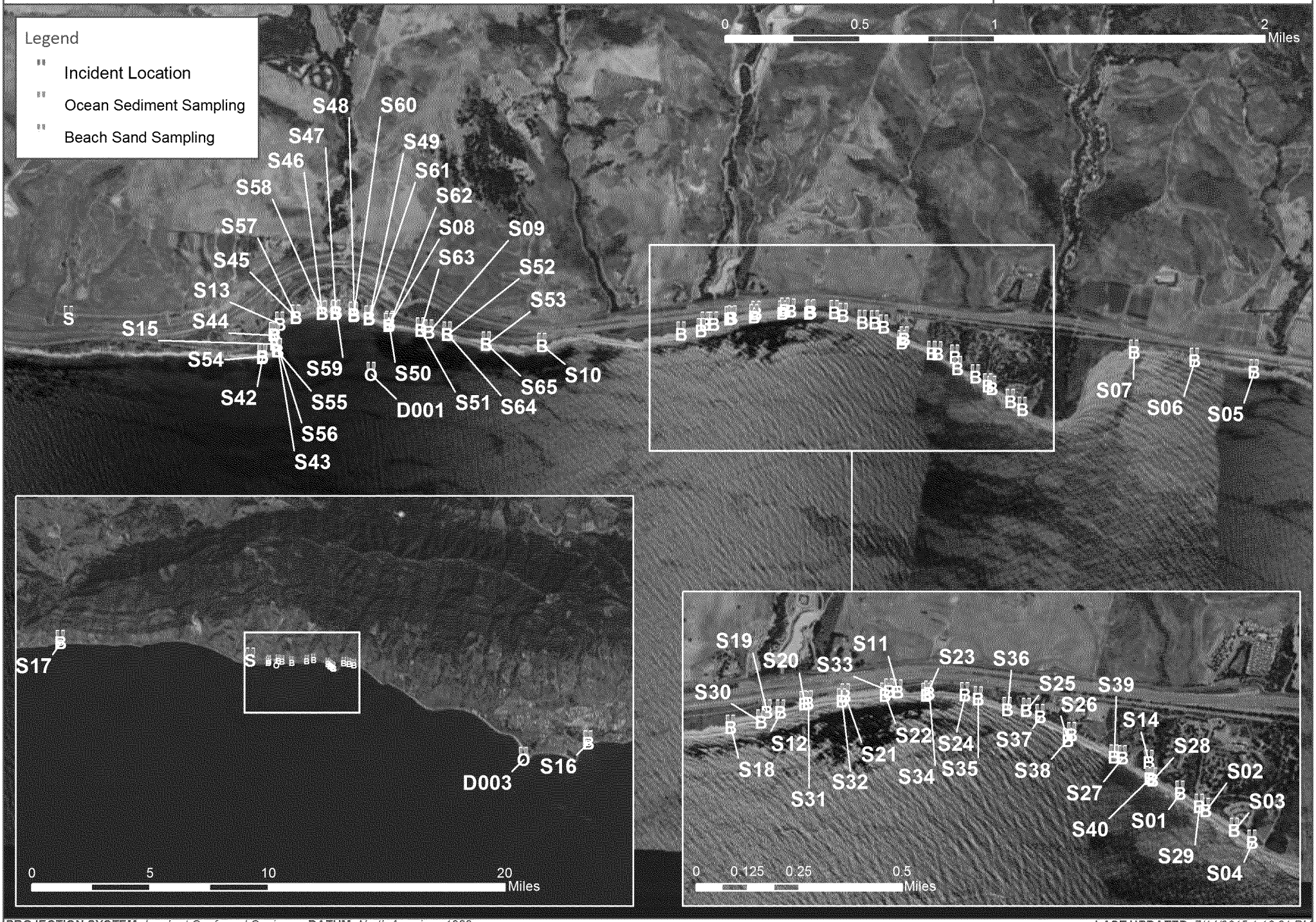

**PROJECTION SYSTEM:** *Lambert Conformal Conic* **DATUM:** *North American 1983*

**LAST UPDATED:** *7/14/2015 1:17:04 PM*

# Sediment/Sand Sampling Locations

Refugio Incident | May 23, 2015 to July 22, 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: *7/14/2015 1:10:31 PM*

ORIGINAL

| 1. Incident Name | 2. Operational Period to be covered by IAP (Date/Time) | Operational Period | CG IAP |
|---|---|---|---|
| Refugio Incident | From 07/10/2015 06:01 To 08/12/2015 06:00 | Ops Period 21 | COVER SHEET |

**3. Approved by**

| ORG | Name |
|---|---|
| USCG | Captain J. Williams |
| U.S. EPA | M. Waldon |
| CAL DFW | Capt. M. Crossland |
| Plains | P. Hodgins |
| SBCOEM | R. Troy ROCKABRAND |

# 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

Incident Picture

ORIGINAL

| 4. Prepared by | Date / Time |
|---|---|
| T. Haug/R.Andersen | 07/09/2015 14:20 |

ORIGINAL

| 1. Incident Name | 2. Operational Period (Date/Time) | Operational Period | INCIDENT BRIEFING |
|---|---|---|---|
| Refugio Incident | From 07/10/2015 06:01 To 08/12/2015 06:00 | Ops Period 21 | ICS 202-CG |

## 3. Objective(s)

Ensure the safety of response personnel and the public.

Pending acceptable soil sample results, initiate backfill and remediation plans in Sections 1 and 4.

Continue the clean up of all open Divisions, maximizing clean up during optimal tidal periods, in accordance with the Shoreline Treatment Recommendations to meet Phase II endpoints.

Implement Section 5 actions in accordance with "Section 5 Cliff Face Area Evaluation of Potentially Feasible Remedial Options."

Protect and minimize impacts to environmental, cultural, historic and economic resources where feasible.

Continue to care for and monitor the disposition of previously captured, injured and oiled wildlife.

Continue to provide stakeholders and the community relevant information about progress of response efforts.

Complete and implement Phase 3 Plan when deemed appropriate by the Unified Command.

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

Clean to phase 2 endpoints where possible.

Implement Decon and Demob as operations permit.

Continue to integrate local jurisdictional agencies with operations associated with Sections 1 thru 5.

Continue to emphasize safety in all operations with an emphasis on Sections 4 and 5.

Return State Parks to full use as soon as possible.

Maintain cultural/historical coordination for all operations and SCAT sign-offs.

Identify or list the segments requiring phase 3 monitoring.

Provide daily progress reports

**Approved Site Safety Plan Located at** the Goleta ICP Situation Status wall

| Prepared by | Date/Time |
|---|---|
| T. Haug/R. Andersen | 07/09/2015 12:50 |

| 1. Incident Name | 2. Operational Period (Date/Time) | Critical Information Requirements |
|---|---|---|
| Refugio Incident | From: 10Jul2015/0600 To: 12Aug2015/0600 | ICS 202B |

**3. Critical Information Requirements:**

A. Work site accidents / mishaps resulting property damage or injuries to responders beyond first aid.

B. Major equipment casualties.

C. Any VIP visits or political interest and concerns.

D. Command Objectives achieved.

E. Deviation of strategies or tactics from approved Incident Action Plan.

F. Severe weather condition which could impact Operations.

G. Publication of inaccurate, significant, or unfavorable media stories.

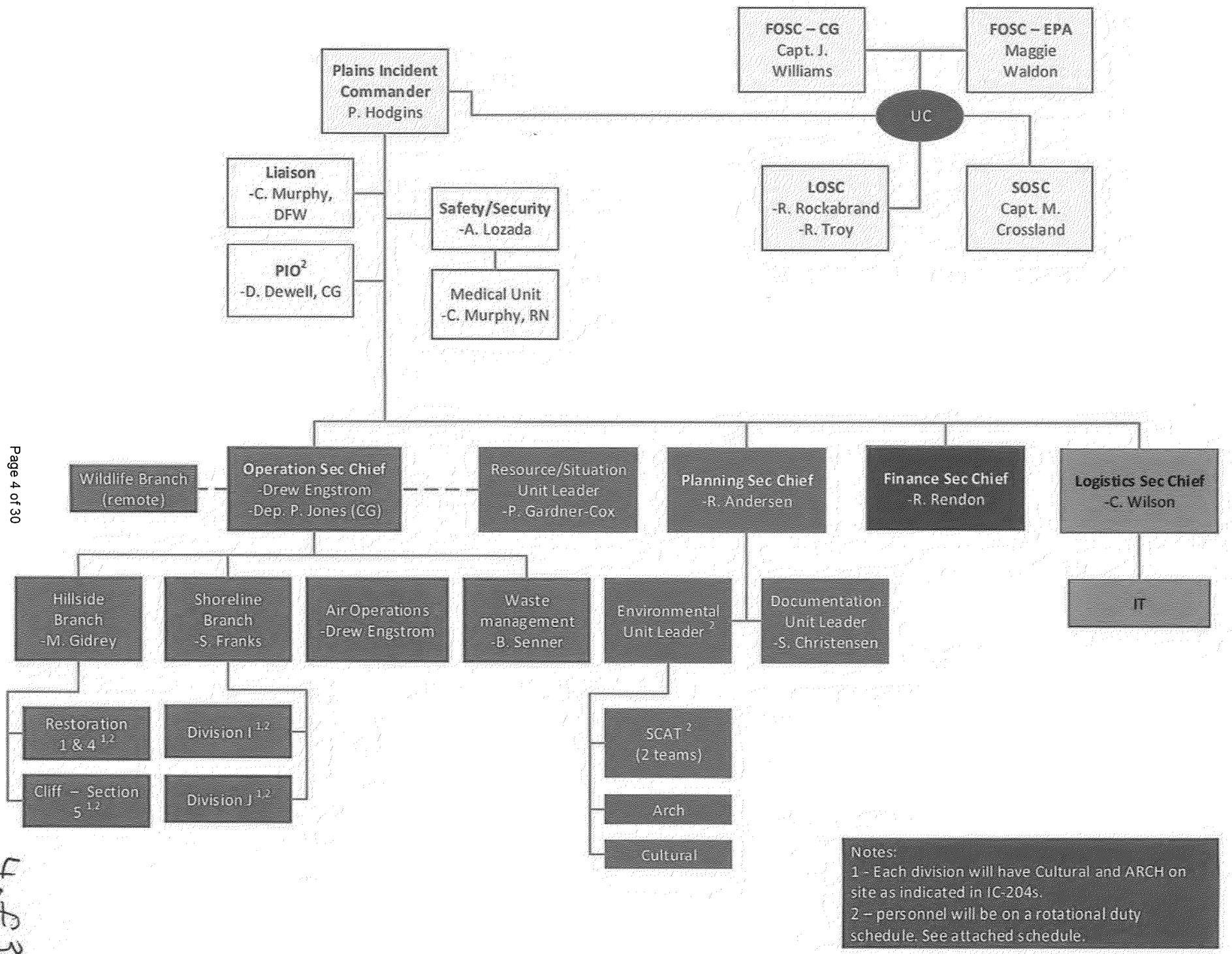
H. Reports of negative stakeholder interests.

I. Cultural/historical impacts and/or concerns.

J. Change in status for any Refugio Incident facilities.

K. Change to or need for additional road closures.

| 4. Prepared by: (RESL) | Date/Time |
|---|---|
| Pete Gardner-Cox | 09 July 2015 / 1500 |


FOSC – CG
Capt. J. Williams
FOSC – EPA
Maggie Waldon
Plains Incident Commander
P. Hodgins
UC
Liaison
-C. Murphy, DFW
Safety/Security
-A. Lozada
LOSC
-R. Rockabrand
-R. Troy
SOSC
Capt. M. Crossland
PIO[2]
-D. Dewell, CG
Medical Unit
-C. Murphy, RN
Wildlife Branch (remote)
Operation Sec Chief
-Drew Engstrom
-Dep. P. Jones (CG)
Resource/Situation Unit Leader
-P. Gardner-Cox
Planning Sec Chief
-R. Andersen
Finance Sec Chief
-R. Rendon
Logistics Sec Chief
-C. Wilson
Hillside Branch
-M. Gidrey
Shoreline Branch
-S. Franks
Air Operations
-Drew Engstrom
Waste management
-B. Senner
Environmental Unit Leader [2]
Documentation Unit Leader
-S. Christensen
IT
Restoration 1 & 4 [1,2]
Division I [1,2]
Cliff – Section 5 [1,2]
Division J [1,2]
SCAT [2] (2 teams)
Arch
Cultural
Notes:
1 - Each division will have Cultural and ARCH on site as indicated in IC-204s.
2 – personnel will be on a rotational duty schedule. See attached schedule.





4 of 30

| 1. Incident Name | 2. Operational Period (Date/Time) | Operational Period | Assignment List |
|---|---|---|---|
| Refugio Incident | **From** 07/10/2015 06:01 **To** 08/12/2015 06:00 | Ops Period 21 | **ICS 204-CG** |

| 3. Branch | 4. Division/Group/Staging |
|---|---|
| Wildlife Branch | Wildlife Rehab Group |
| **Task Force/Strike Team** | **Team** |

| 5. Operational Personnel | Name | Affiliation | Contact#(s) |
|---|---|---|---|
| Operations Section Chief | Drew Engstrom | Plains All American Pipeline | 307-251-6932 |
| Branch Director | Holly Gellerman (remote) | CA DFW OSPR | 916-747-0611 |
| Division/Group Supervisor/STAM | Mike Ziccardi/Sarah Wilkin (remote) | OWCN/NOAA | 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) | Care/Processing Group - Birds | C. Fiorello | 530-979-0380 | 4 | See work assignment and special instructions | ☐ |
| 1 (each) | Care/Processing Group - Mammals | J. Westberg | 858-229-5639 | 8 | See work assignment and special instructions | ☐ |
| 1 (each) | Care Facility | | | 2 | | ☐ |

**7. Work Assignments**

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.

**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 |
|---|---|---|---|---|---|
| P. Gardner-Cox | 07/09/2015 12:45 | T. Haug/R. Andersen | | Drew Engstrom | |

| 1. Incident Name | 2. Operational Period (Date/Time) | Operational Period | Assignment List |
|---|---|---|---|
| Refugio Incident | From 07/10/2015 06:01 To 08/12/2015 06:00 | Ops Period 21 | 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 | Drew Engstrom | Plains All American Pipeline | 307-251-6932 |
| Branch Director | | | |
| Division/Group Supervisor/STAM | A . Lozada | Plains All American Pipeline | 701-440-1643 |

**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 Task Force | Rob Plastino | 805-268-4035 | 10 | Sheriff, State Parks, HCP, Fish and Wildlife | X |
| 1 (each) | SB County Sites Task Force | Keith Radcliff | 903-721-5030 | 37 | Refugio State Park, Excavation Site, Gaviota, Las Veras | |
| 1 (each) | ICP Security | Ben Poch | 318-218-6888 | 4 | ICP | |
| 1 (each) | Technician to replace security guard | | | | | |

**7. Work Assignments**

Prevent unauthorized persons from entering or remaining in the spill area, staging areas, and the ICP. Contact 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.

**8. Special Instructions**

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

**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 the Logistics Section Chief.

**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 |
|---|---|---|---|---|---|
| P. Gardner-Cox | 07/09/2015 14:00 | T. Haug/R. Andersen | | D. Engstrom | |

| 1. Incident Name | 2. Operational Period (Date/Time) | Operational Period | Assignment List |
|---|---|---|---|
| Refugio Incident | **From** 07/10/2015 06:01 **To** 08/12/2015 06:00 | Ops Period 21 | **ICS 204-CG** |
| **3. Branch** | **4. Division/Group/Staging** | | |
| | Pipeline Section 1 - 4 | | |
| **Task Force/Strike Team** | **Team** | | |

| 5. Operational Personnel | Name | Affiliation | Contact#(s) |
|---|---|---|---|
| Operations Section Chief | Drew Engstrom | Plains All American Pipeline | 307-251-6932 |
| Branch Director | | | |
| Division/Group Supervisor/STAM | Branch Dir - M. Guidrey | Plains All American Pipeline | 337-526-8539 |

**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) | Section 1/2/3/4 Task Force | Ryan Crider | 504-214-7657 | 0 | |
| 1 (each) | Excavation Task Force | EPA Rep | | 0 | |
| 1 (each) | Crane | | | 0 | |

**7. Work Assignments**

Excavation Task force will carry out operations to meet established endpoints.

Section 1-4 Task Force Shall:
-Conduct removal operations of oil and contaminated solid waste in accordance with the approved Section Plan.

-All lifting operations will be conducted in accordance with the UC approved Lift Plan.

Sample according to the approved Sample Confirmation Plan for Sections 1 thru 4.

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Follow "Excavation Backfill and Site Restoration Plan" 6/24/15 once environmental receives satisfactory results from data analysis.

Plains Environmental Contact, Chris Lauer, 832-904-5247.

Once backfill is to the point of culvert instlallation, contact Chris Lauer prior to commencing work.

**8. Special Instructions**

**Excavation Task Force**
Safety Officers shall be present during operations
Prior to excavations archeologist shall be consulted and if there are any cultural or historic resource concerns, 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 with the waste management plan.

**HAZARD MITIGATION**
-All personnel operating shall wear level D ( hard hats, safety toe boots, safety glasses).
-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/ENVIRONMENTAL 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 |
|---|---|---|---|---|---|
| P. Gardner-Cox | 07/09/2015 15:00 | T. Haug/R. Andersen | | D. Engstrom | |

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

- Wildlife - Depending on depth of trench/excavation consult with ENV Unit regarding covering at night to reduce entrapment of animals and/or exposure to contaminants.

An Archaeologist will periodically spot check, but full time archaeological monitoring is not necessary. The following activities DO NOT require full time archaeological monitoring:

1. Cleaning tar balls from the beach surface.

2. Cleaning oi/tar from cobbles on the beach.

3. Cleaning oil/tar from bedrock at the back edge of the beach.

4. Cleaning oil/tar from rocks and bedrock that protrude from the beach.

Cultural protocols will remain unchanged.

(dtd 23 Jun 15)

POC to schedule/request ARCH is the following:

Clay Lebow: July 9 - July 13 (805-895-2958)

Jay Lloyd: July 13 - July 20 (559-287-2137)

Ann Munns: July 20 - July 27 (805-451-5825)

Clay Lebow: July 27 - August 3 (805-895-2958)

Jay Lloyd: August 3 - August 10 (559-287-2137)

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**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 |
|---|---|---|---|---|---|
| P. Gardner-Cox | 07/09/2015 15:00 | T. Haug/R. Andersen | | D. Engstrom | |

| 1. Incident Name | 2. Operational Period (Date/Time) | Operational Period | Assignment List |
|---|---|---|---|
| Refugio Incident | From 07/10/2015 06:01 To 08/12/2015 06:00 | Ops Period 21 | 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 | Drew Engstrom | Plains All American Pipeline | 307-251-6932 |
| Branch Director | Drew Engstrom | Plains All American Pipeline | 307-251-6932 |

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

| Qty x Size (Unit) | Strike Team/Task Force/Resource Leader Identifier | Contact# | # Of Persons | Notes |
|---|---|---|---|---|
| 1 (each) | Helicopter | | 0 | |

**7. Work Assignments**

Section 5 debris removal

**8. Special Instructions**

**Air Ops Minimization Measures**

- Maintain minimum altitude of 500 feet above or a 1/2 mile away from Snowy Plover Habitat in the vicinity of Coal Oil Point.

**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 |
|---|---|---|---|---|---|
| P. Gardner-Cox | 07/09/2015 15:00 | T. Haug/R. Andersen | | D. Engstrom | |

| 1. Incident Name | 2. Operational Period (Date/Time) | Operational Period | Assignment List |
|---|---|---|---|
| Refugio Incident | From 07/10/2015 06:01 To 08/12/2015 06:00 | Ops Period 21 | ICS 204-CG |
| **3. Branch** | **4. Division/Group/Staging** | | |
| | Section 5 | | |
| **Task Force/Strike Team** | **Team** | | |

| 5. Operational Personnel | Name | Affiliation | Contact#(s) |
|---|---|---|---|
| Operations Section Chief | Drew Engstrom | Plains All American Pipeline | 307-251-6932 |
| Branch Director | | | |
| Division/Group Supervisor/STAM | Branch Dir - M. Guidry | Plains All American Pipeline | 337-526-8539 |

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

| Qty x Size (Unit) | Strike Team/Task Force/Resource Leader Identifier | Contact# | # Of Persons | Notes |
|---|---|---|---|---|
| 1 (each) | Helicopter | | 0 | |
| 1 (each) | Spider hoe | | 0 | |
| 2 (each) | Pressure Washer | | 0 | |
| 15 (each) | Personnel | | 0 | |
| 1 (each) | Water pump | | 0 | |

**7. Work Assignments**

Excavation Task force will carry out operations to meet established endpoints.

Section 5 Task Force Shall:
-Conduct removal operations of oil and contaminated solid waste in accordance with the UC approved "Detailed Plan Remediation of Cliff Face Area (Section 5) July 2, 2015".

-All lifting operations will be conducted in accordance with the UC approved Lift Plan.

---

Follow "Plan for Remedation of Cliff Face Area" 6/24/15 along with the UC approved detailed plan (July 2, 2015).

**8. Special Instructions**

**Excavation Task Force**
Safety Officers shall be present during operations
When excavator has been secured, and after Air Monitors have deemed it safe to approach, archaeologist and cultural specialist will regularly monitor the operations.

PPE will be modified Leved D; Tyvek suit, safety glasses, hard hat, hard-toed shoes. Additional modifcations to PPE will be required during air lift operations (see site safety plan).

Air Monitoring will be required throughout 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 with the waste management plan.

---

See attached map showing minimization measures to implement concerning the access route to Section 5 Cliff Face. An archeologist and cultural rep will remain on site during operations to monitor traffic in order to minimize impacts to natural/cultural resources.

The protection measures include:

1. No pedestrian travel outside of the delineated pathways.
2. Pylons and flagging 2 feet South of toe of slope. Pedestrians are to stay South of this line.
3. No vehicles are permitted beyond the marked area (above the protective matting).

| 10. Prepared By | Date/Time | 11. Reviewed By (PSC) | Date / Time | 12. Reviewed By (OSC) | Date / Time |
|---|---|---|---|---|---|
| P. Gardner-Cox | 07/09/2015 15:00 | T. Haug/R. Andersen | | Drew Engrstrom | |

4. Protective matting will in place before operational crews access this area.

(dtd 5 July 2015)

**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 |
|---|---|---|---|---|---|
| P. Gardner-Cox | 07/09/2015 15:00 | T. Haug/R. Andersen | | Drew Engrstrom | |

| 1. Incident Name | 2. Operational Period (Date/Time) | | Operational Period | Assignment List |
|---|---|---|---|---|
| Refugio Incident | From 07/10/2015 06:01 | To 08/12/2015 06:00 | Ops Period 21 | ICS 204-CG |

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

| 5. Operational Personnel | Name | Affiliation | Contact#(s) |
|---|---|---|---|
| Operations Section Chief | Drew Engstrom | Plains All American Pipeline | 307-251-6932 |
| Branch Director | S. Franks | Plains All American Pipeline | 713-417-8525 |
| Division/Group Supervisor/STAM | Division I Rotation | Plains All American Pipeline | PAAPL chart |

**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) | DB2 | Eric Nanarette | 951-295-2680 | 16 | | ☐ |
| 1 (each) | DB3 | Kenny Potts | 909-626-9962 | 18 | | ☐ |
| 1 (each) | DB1 | Chris Hernandez | 661-238-6702 | 16 | | ☐ |
| 1 (each) | WCES 1 | Devon Jackson | 323-236-8961 | 50 | | ☐ |

**7. Work Assignments**

Conduct shoreline cleanup in segments 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.

Add 1 Biological Monitor when any cleanup operations occur in Division I, Sections SB-I-S004 or SB-I-S005.

Dry ice blasting has been approved for all sections.

---

Night Operations will be considered by OSC if tidal conditions and weather allow for safe and effective operations.

-OPS will not coincide with the local Grunion runs on beaches.

-Safety will adjust and increase on-site staffing to provide additional safety measures as necessary.

-This work option will be briefed to the UC, Command, General Staff and relevant stakeholders 24 hrs in advance of operations to ensure proper safety and support is provided.

**8. Special Instructions**

An Archaeologist will periodically spot check, but full time archaeological monitoring is not necessary. The following activities DO NOT require full time archaeological monitoring:

1. Cleaning tar balls from the beach surface.

| 10. Prepared By | Date/Time | 11. Reviewed By (PSC) | Date / Time | 12. Reviewed By (OSC) | Date / Time |
|---|---|---|---|---|---|
| P. Gardner-Cox | 07/09/2015 12:30 | T. Haug/R. Andersen | 07/09/2015 12:30 | Drew Engstrom | |

2. Cleaning oil/tar from cobbles on the beach.

3. Cleaning oil/tar from bedrock at the back edge of the beach.

4. Cleaning oil/tar from rocks and bedrock that protrude from the beach.

Cultural protocols will remain unchanged.

(dtd 23 Jun 15)

POC to schedule/request ARCH is the following:

Clay Lebow: July 9 - July 13 (805-895-2958)

Jay Lloyd: July 13 - July 20 (559-287-2137)

Ann Munns: July 20 - July 27 (805-451-5825)

Clay Lebow: July 27 - August 3 (805-895-2958)

Jay Lloyd: August 3 - August 10 (559-287-2137)

---

See 204a for UC Clarification on working near cliffs - dtd 16 June.

---

ATV's not allowed in exclusion zones at El Capitan and Refugio.

Instructions for Dead Wildlife and Natural Resource Protection.

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

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: Hard hats, 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.

**Dry ice blasting Safety**

Must utilize the following PPE: Tyvek Suit with Hood, appropriate gloves, steel-toed boots and ensure no skin is exposed. Ensure the operator of the gun has visual sight of the operator tending the machines or have someone in between to allow for stopping work when needed.

Hearing protection for all personnel within 30 feet of operation.

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 the Logistics Section Chief.

**No work in estuary or creek habitats without biological monitor and approval from EUL.**

| 10. Prepared By | Date/Time | 11. Reviewed By (PSC) | Date / Time | 12. Reviewed By (OSC) | Date / Time |
|---|---|---|---|---|---|
| P. Gardner-Cox | 07/09/2015 12:30 | T. Haug/R. Andersen | 07/09/2015 12:30 | Drew Engstrom | |

**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 |
|---|---|---|---|---|---|
| P. Gardner-Cox | 07/09/2015 12:30 | T. Haug/R. Andersen | 07/09/2015 12:30 | Drew Engstrom | |

| 1. Incident Name | 2. Operational Period (Date/Time) | | Operational Period | Assignment List |
|---|---|---|---|---|
| Refugio Incident | From 07/10/2015 06:01 | To 08/12/2015 06:00 | Ops Period 21 | ICS 204-CG |
| **3. Branch** | **4. Division/Group/Staging** | | | |
| Santa Barbara Recovery Branch | Division J | | | |
| **Task Force/Strike Team** | **Team** | | | |

| 5. Operational Personnel | Name | Affiliation | Contact#(s) |
|---|---|---|---|
| Operations Section Chief | Drew Engstrom | Plains All American Pipeline | 307-251-6932 |
| Branch Director | S. Franks | Plains All American Pipeline | 713-417-8525 |
| Division/Group Supervisor/STAM | Div Rotation | Plains All American Pipeline | PAAPL chart |

**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) | PAT1 | Alex Lopez | 562-244-2248 | 50 | | ☐ |
| 1 (each) | PAT2 | Anthony Gonzales | 619-876-2360 | 50 | | ☐ |

**7. Work Assignments**

Conduct shoreline cleanup in segments 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.

Dry ice blasting of large surface rock, cobble and cliff face is approved for all areas.

---

Night Operations will be considered by OSC if tidal conditions and weather allow for safe and effective operations.

-OPS will not coincide with the local Grunion runs on beaches.

-Safety will adjust and increase on-site staffing to provide additional safety measures as necessary.

-This work option will be briefed to the UC, Command, General Staff and relevant stakeholders 24 hrs in advance of operations to ensure proper safety and support is provided.

**8. Special Instructions**

An Archaeologist will periodically spot check, but full time archaeological monitoring is not necessary. The following activities DO NOT require full time archaeological monitoring:

1. Cleaning tar balls from the beach surface.

2. Cleaning oil/tar from cobbles on the beach.

3. Cleaning oil/tar from bedrock at the back edge of the beach.

4. Cleaning oil/tar from rocks and bedrock that protrude from the beach.

Cultural protocols will remain unchanged.

| 10. Prepared By | Date/Time | 11. Reviewed By (PSC) | Date / Time | 12. Reviewed By (OSC) | Date / Time |
|---|---|---|---|---|---|
| P. Gardner-Cox | 07/09/2015 12:30 | T. Haug/R. Andersen | 07/09/2015 12:30 | Drew Engstrom | |

(dtd 23 Jun 15)

POC to schedule/request ARCH is the following:

Clay Lebow: July 9 - July 13 (805-895-2958)

Jay Lloyd: July 13 - July 20 (559-287-2137)

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Clay Lebow: July 27 - August 3 (805-895-2958)

Jay Lloyd: August 3 - August 10 (559-287-2137)

---

See 204a for UC Clarification on working near cliffs - dtd 16 June.

---

ATV's not allowed in exclusion zones at El Capitan and Refugio.

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

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: Hard hats, 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.

**Dry ice blasting Safety**

Must utilize the following PPE: Tyvek Suit with Hood, appropriate gloves, steel-toed boots and ensure no skin is exposed. Ensure the operator of the gun has visual sight of the operator tending the machines or have someone in between to allow for stopping work when needed.

Hearing protection for all personnel within 30 feet of operation.

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 the Logistics Section Chief

**No work in estuary or creek habitats without biological monitor and approval from EUL.**

**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 |
|---|---|---|---|---|---|
| P. Gardner-Cox | 07/09/2015 12:30 | T. Haug/R. Andersen | 07/09/2015 12:30 | Drew Engstrom | |

| 1. Incident Name | 2. Operational Period (Date/Time) | | Operational Period | Assignment List |
|---|---|---|---|---|
| Refugio Incident | From 07/10/2015 06:01 | To 08/12/2015 06:00 | Ops Period 21 | ICS 204-CG |

| 3. Branch | 4. Division/Group/Staging |
|---|---|
| | |

| Task Force/Strike Team | Team |
|---|---|
| Overview Oiling Sampling Assesment | |

| 5. Operational Personnel | Name | Affiliation | Contact#(s) |
|---|---|---|---|
| Operations Section Chief | Drew Engstrom | Plains All American Pipeline | 307-251-6932 |
| Branch Director | | | |
| Division/Group Supervisor/STAM | | | |
| Task Force/Strike Team Leader | UEL-Mike Connell | CA DFW | 805-331-1867 |

**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) | North Team 1 | Steve Gibson | 562-252-2362 | 7 | Some team members may not be part of the entire sampling effort. ☐ |
| 1 (each) | North Team 2 | Jennifer Gold | 805-450-8695 | 6 | Some team members may not be part of the entire sampling effort. ☐ |
| 1 (each) | South Team 1 | Sonia Torres | 562-370-6794 | 11 | Some team members may not be part of the entire sampling effort. ☐ |

**7. Work Assignments**

Collect a minimum of one fresh tar ball for each division. If possible, collect representative samples of different oiling types based on visual characteristics and habitat. See Overview Oiling Sampling Assesment dated 08 July '15 for further details.

**8. Special Instructions**

Sample will be collected, split, and distributed by CDFW-OSPR team lead and the splits will be given to RP and USCG.

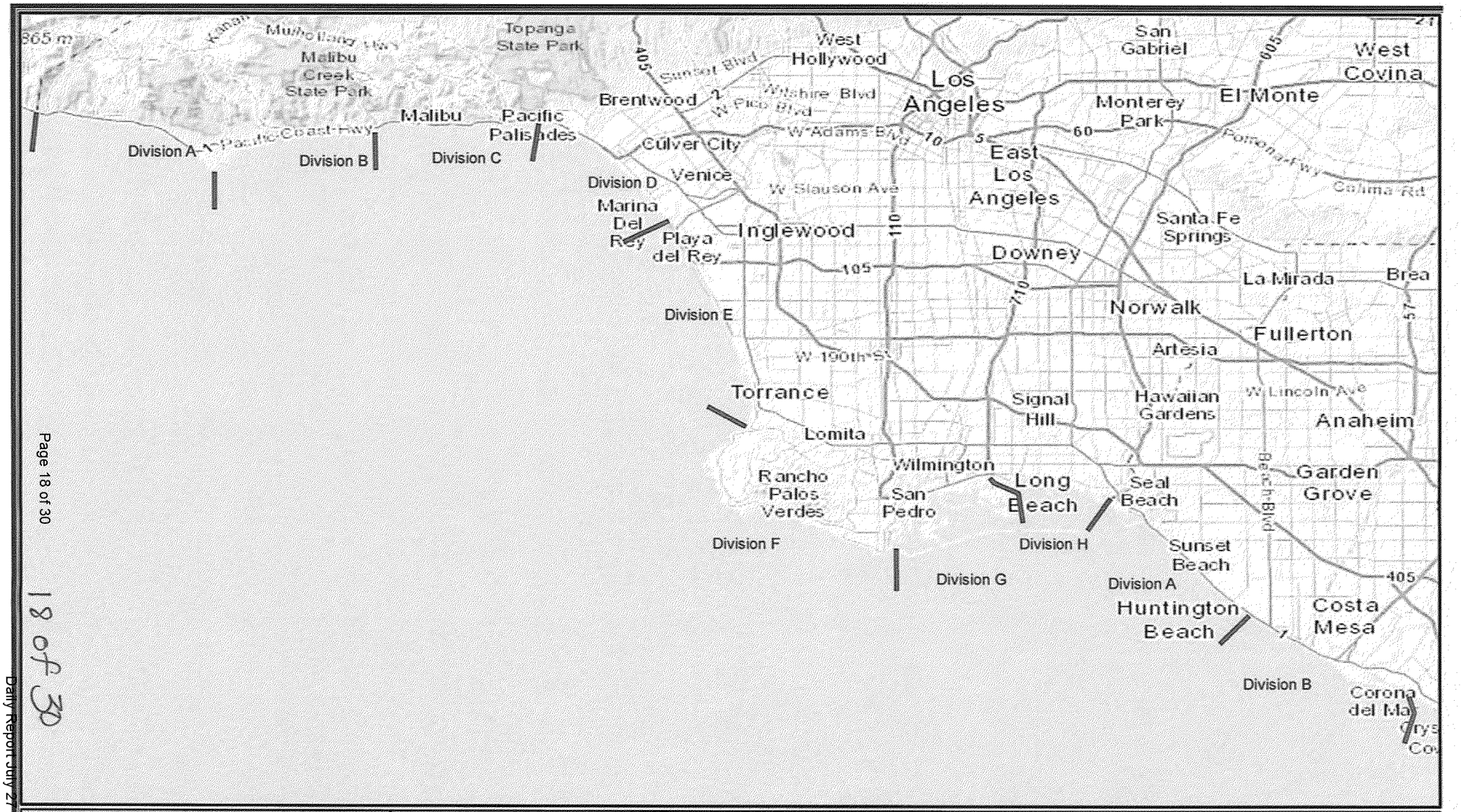
**9. Communications (radio and/or phone contact numbers needed for this assignment)**

| 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 |
|---|---|---|---|---|---|
| Peter Gardner-Cox | 07/09/2015 12:30 | T. Haug/R. Andersen | 07/09/2015 12:30 | Drew Engstrom | |

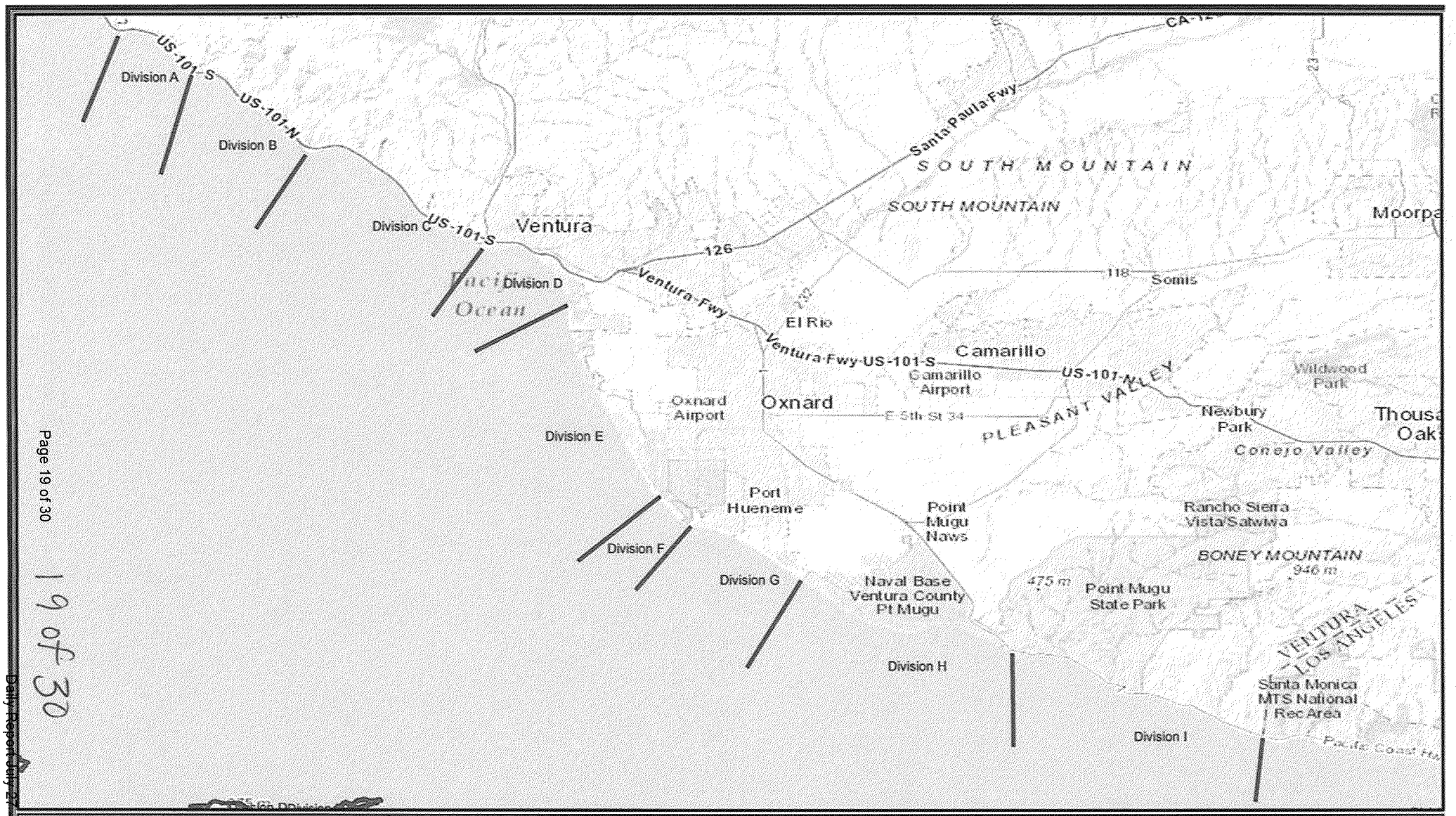



California Department of Fish and Wildlife
Office of Spill Prevention and Response

Data Source: OSPR GIS
Requestor: Mike Connell
Author: L. Guphy Gustafson
Date Created:07/09/15

# Overview Oiling Survey Assessment
## South Team
## Los Angeles / Orange Counties

0 3 6 9 12
Miles

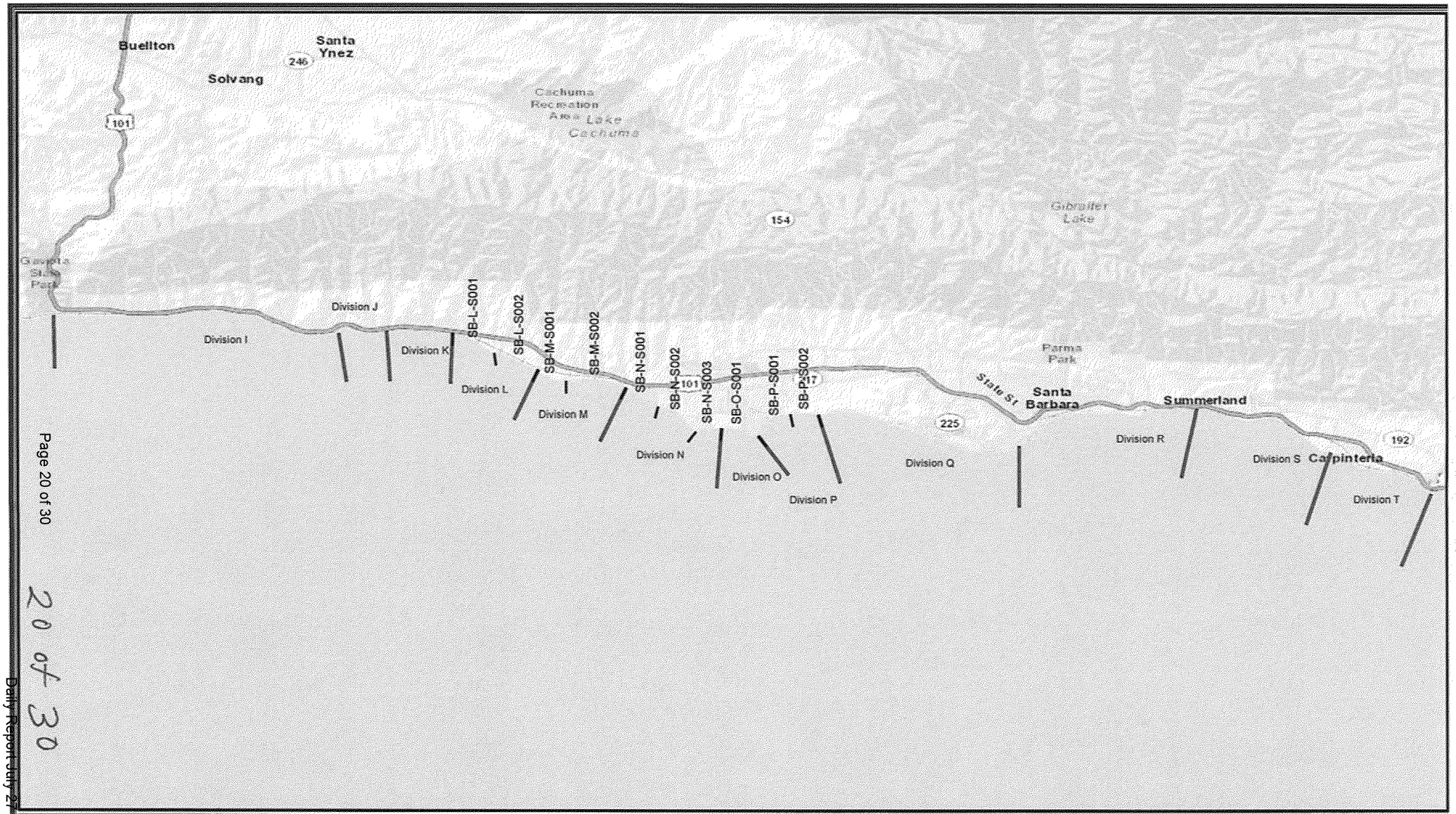



California Department of Fish and Wildlife
Office of Spill Prevention and Response

Data Source: OSPR GIS
Requestor: Mike Connell
Author: L. Guphy Gustafson
Date Created:07/09/15

# Overview Oiling Survey Assessment
# North Team 2
# Ventura County

0 2 4 6 8
Miles




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

Data Source: OSPR GIS
Requestor: Mike Connell
Author: L. Guphy Gustafson
Date Created:07/09/15

# Overview Oiling Survey Assessment
# North Team 1
# Santa Barbara County

0 2 4 6 8
Miles

| 1. Incident Name: Refugio<br>**Location: Mariposa Staging** | **2. Operational Period 21 (Date / Time)**<br>From: 07-10-2015 0600 To: 8-11-2015 0559 | **MEDICAL PLAN**<br>**ICS 206-CG** |
|---|---|---|

**3. Medical Aid Stations**

| Name | Location | Contact # | Transport Availability |
|---|---|---|---|
| Catherine Murphy, Rn<br>Medical unit Leader | Arroyo Quemada Site Field Nurse & Medical Unit Lead | 210-784-8496 | No |
| | | | |
| Rodrigo Sanchez, EMTP | Refugio State Park EMTP | 805-618-5769 | No |
| Chumash Fire Department | Gaviota Coast | Qun Tan Garcia<br>805-350-8819<br>805-832-2382 | 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<br>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<br>(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<br>(air medical transport team with hoist capabilities) | 906 Airport Road Santa Ynez, CA 93460 | 805-692-5723<br>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<br>510-437-3701<br>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 (Anti-Venom is kept at this facility) | 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 hour | N/A | No | Yes |
| UCLA Available 0800-1700 | 200 UCLA Medical Plaza Suit B Los Angeles, CA 9005 | 310-794-9014 | 30 min. | 1 hour | 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, follow "medical reporting procedures" and render first aid. Supervisor will direct worker to field nurse or EMT on site.
3. All illnesses and injuries will be reported on Incident Reporting Line 805-618-5769.
4. For any situation in need of Anti-venom, Please see Santa Barbara Cottage Hospital.

**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: (ICP Safety Officer) | Date/Time | 8. Reviewed by: (Safety Officer) | Date/Time |
|---|---|---|---|
| **Art Loza**, SOFR | 07/09/15 | | 7/9/2015 0630 |

| 1. Incident Name | 2. Operational Period (Date/Time) | Operational Period | DAILY MEETING |
|---|---|---|---|
| Refugio Incident | From 07/10/2015 06:01 To 08/12/2015 06:00 | Ops Period 21 | SCHEDULE ICS 230-CG |

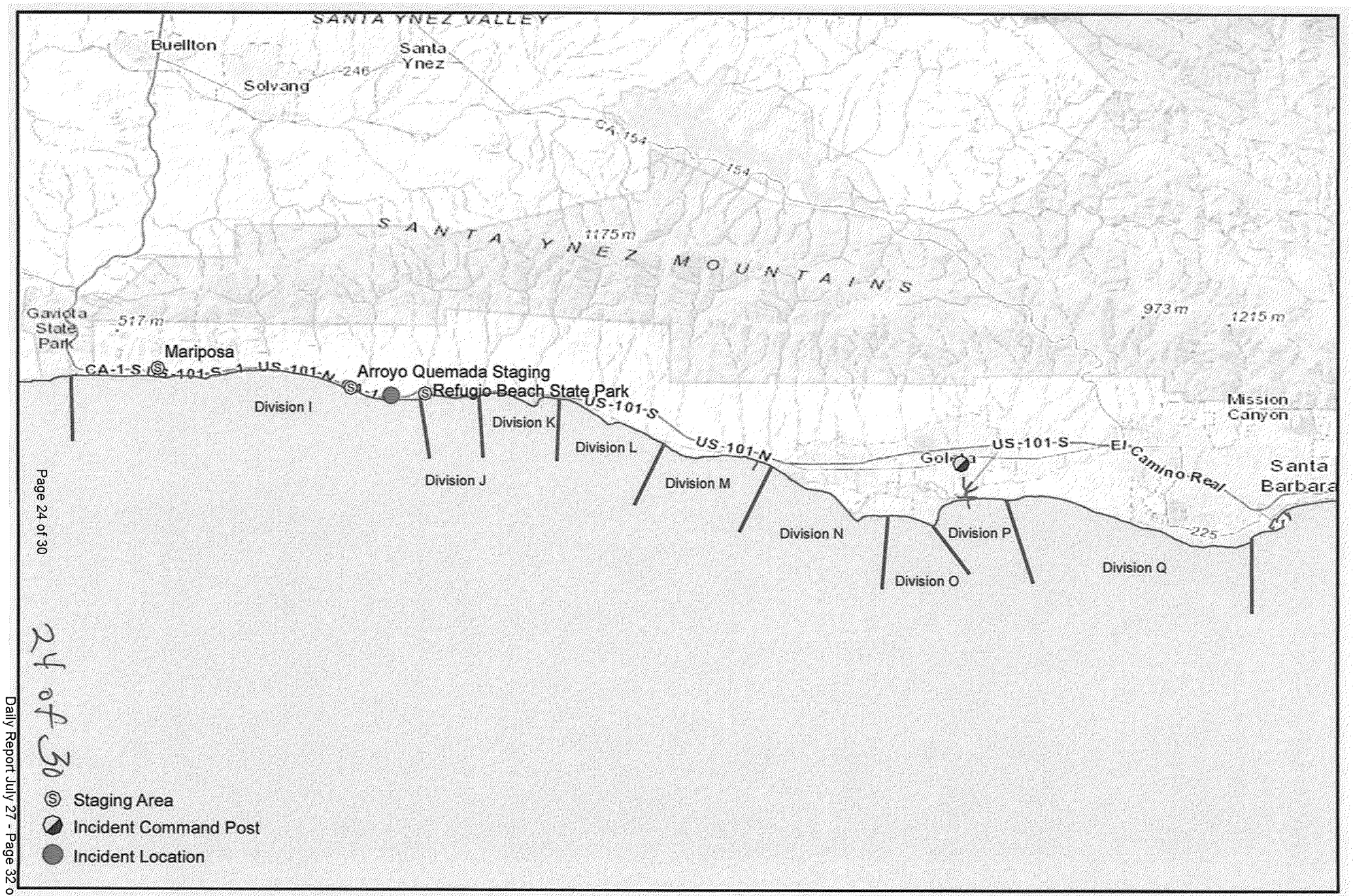
**3. Meeting Schedule(Commonly-held meetings are included)**

| Date/Time | Meeting Name | Purpose | Attendees | Location |
|---|---|---|---|---|
| 07/10/2015 07:00 | Operations Briefing | Present IAP and assignments to the Supervisors/Leaders for the next Operational Period | UC, Cmd & General Staff, Branch Directors, DIV/GRP Supv, and Unit Leaders | Refugio State Beach |
| 07/10/2015 10:00 | UC Meeting | Teleconference for UC, Command & General Staff to discuss ongoing issues. | UC, Cmd & General staff | ICP Goleta |
| 07/14/2015 10:00 | UC meeting | Teleconference for UC, Command & General Staff to discuss ongoing issues. | UC, Cmd & General staff | ICP |
| 07/17/2015 10:00 | UC Meeting | Teleconference for UC, Command & General Staff to discuss ongoing issues. | UC, Cmd & General staff | ICP |
| 07/21/2015 10:00 | UC meeting | Teleconference for UC, Command & General Staff to discuss ongoing issues. | UC, Cmd & General staff | ICP |
| 07/24/2015 10:00 | UC meeting | Teleconference for UC, Command & General Staff to discuss ongoing issues. | UC, Cmd & General staff | ICP |
| 07/28/2015 10:00 | UC meeting | Teleconference for UC, Command & General Staff to discuss ongoing issues. | UC, Cmd & General staff | ICP |
| 07/31/2015 10:00 | UC meeting | Teleconference for UC, Command & General Staff to discuss ongoing issues. | UC, Cmd & General staff | ICP |
| 08/04/2015 10:00 | UC Meeting | Teleconference for UC, Command & General Staff to discuss ongoing issues. | UC, Cmd & General staff | ICP |
| 08/07/2015 10:00 | UC meeting | Teleconference for UC, Command & General Staff to discuss ongoing issues. | UC, Cmd & General staff | ICP |
| 08/11/2015 08:00 | UC Objectives Meeting | Review and update objectives | Unified Command, PSC | UC Meeting Room |
| 08/11/2015 09:00 | 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 | UC Meeting Room |
| 08/11/2015 12:00 | 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 | ICP |
| 08/11/2015 16:00 | Planning Meeting | Review status and finalize strategies and assignments to meet Incident Objectives for the next Operational Period. To include SCAT Briefing | IC/UC, Command & General Staff | UC Meeting Room |
| 08/11/2015 17:00 | IAP Approval | Present the IAP to the Unified Command for approval. | IC/UC, PSC | UC Meeting Room |

| 4. Prepared by (Situation Unit Leader) | Date / Time |
|---|---|
| Pete Gardner-Cox, RESL | 07/09/2015 11:00 |

DAILY MEETING SCHEDULE 07/09/2015 11:14 ICS 230-CG (Rev 07/08)

*Generated by Wilt O'Brien's*




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

Data Source: Situation
Requestor: SCAT Coordinator
Author: L. Guphy Gustafson
Date Created: 07/09/15

NAD_1983_California_Teale_Albers

# Refugio Incident Situation Map 07 July 2015

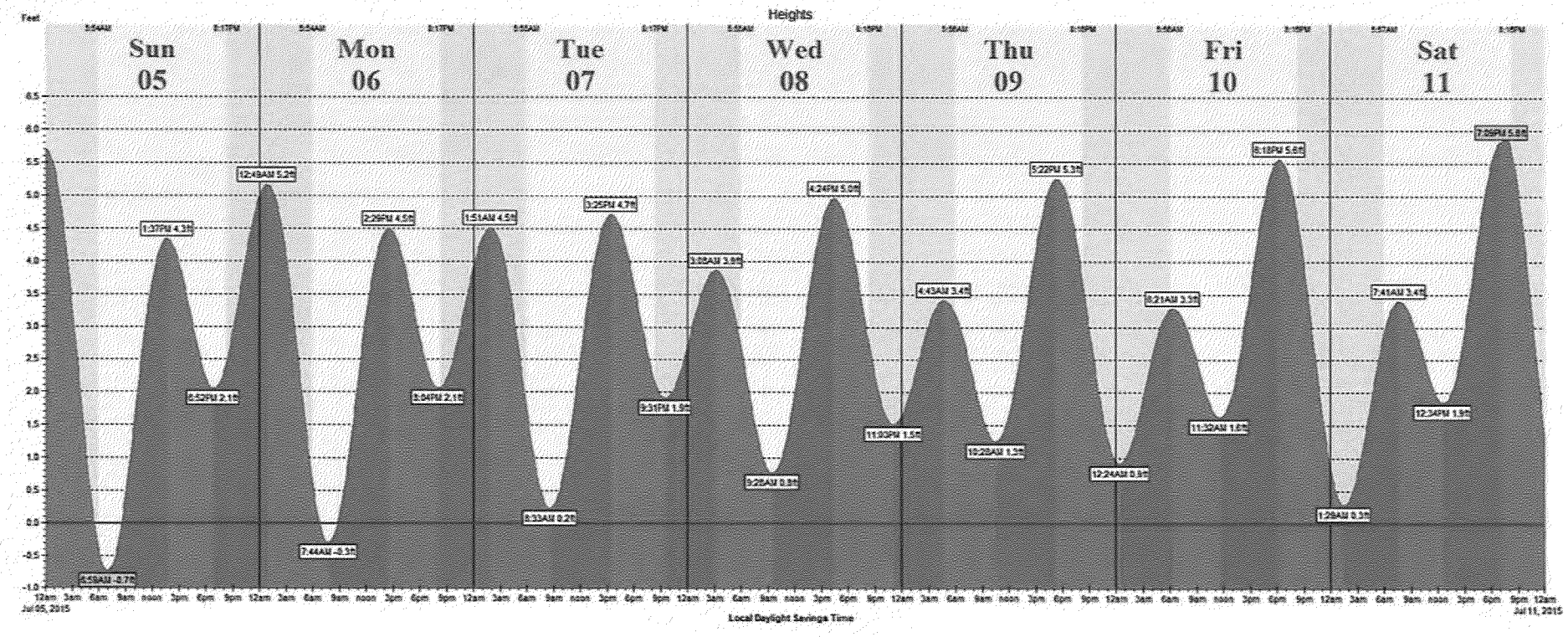
0 2 4 6 8
Miles

Gaviota State Park

Shio 2.6.0

Tidal heights at Gaviota State Park, Santa Barbara Channel, CALIFORNIA
Station No. 461 Latitude: 34° 28.10' N Longitude: 120° 13.70' W
Based on LOS ANGELES

From Sun Jul 05, 2015 to Sat Jul 11, 2015 (7 days) Local Daylight Savings Time



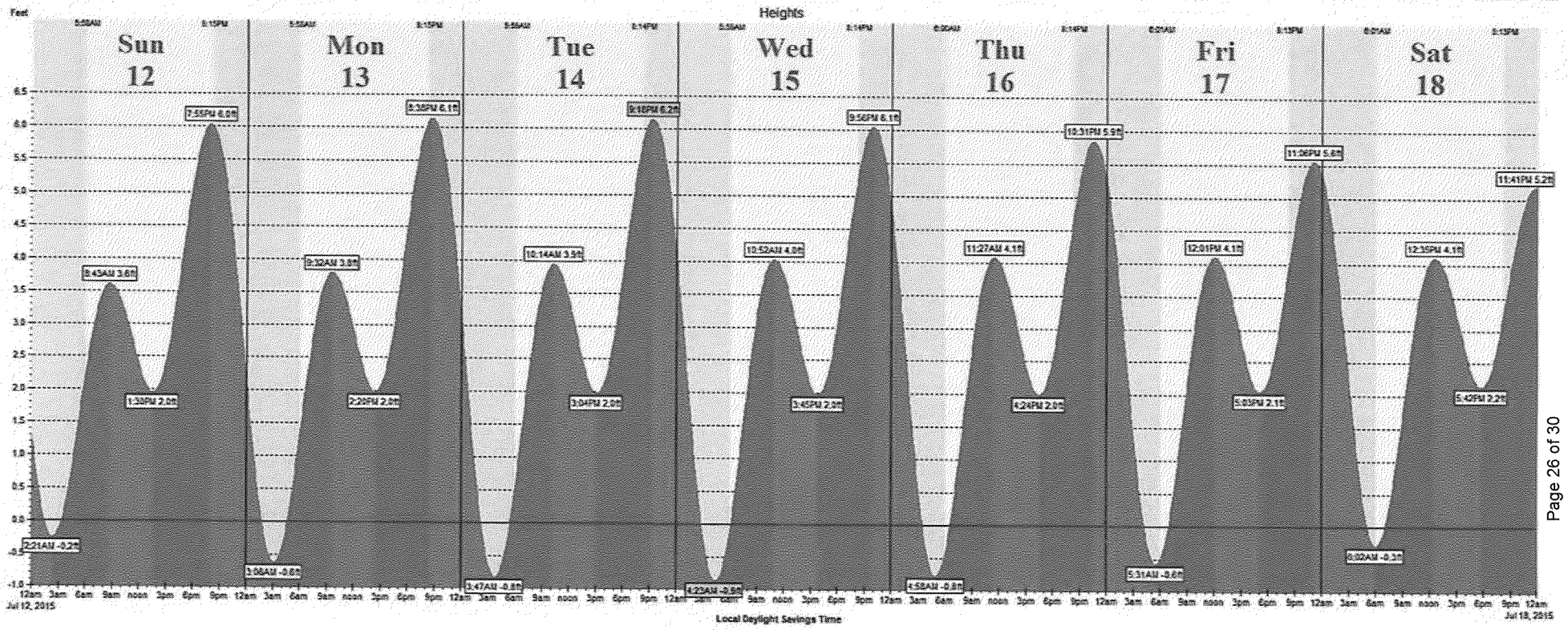

JULY 5TH - 11TH

Gaviota State Park

Sho 2.6.0

Tidal heights at Gaviota State Park, Santa Barbara Channel, CALIFORNIA
Station No. 461 Latitude: 34° 28.10' N Longitude: 120° 13.70' W
Based on LOS ANGELES

From Sun Jul 12, 2015 to Sat Jul 18, 2015 (7 days) Local Daylight Savings Time



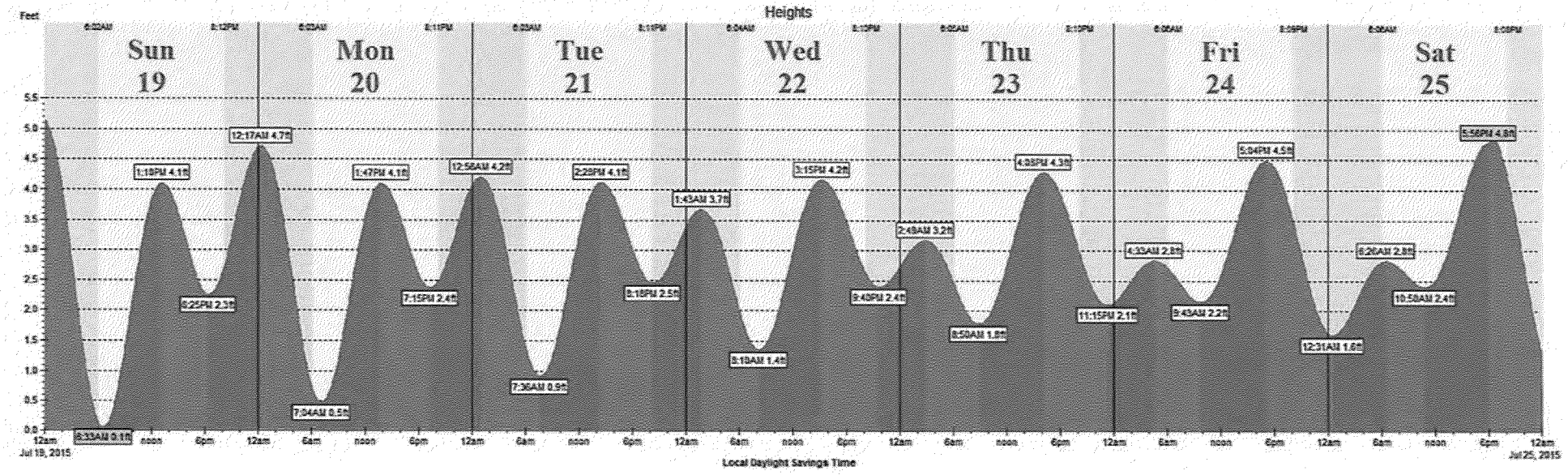

JULY 12TH - 18TH

Gaviota State Park

Ship 2.6.0

Tidal heights at Gaviota State Park, Santa Barbara Channel, CALIFORNIA
Station No. 461 Latitude: 34° 28.10' N Longitude: 120° 13.70' W
Based on LOS ANGELES

From Sun Jul 19, 2015 to Sat Jul 25, 2015 (7 days) Local Daylight Savings Time




JULY 19TH - 25TH



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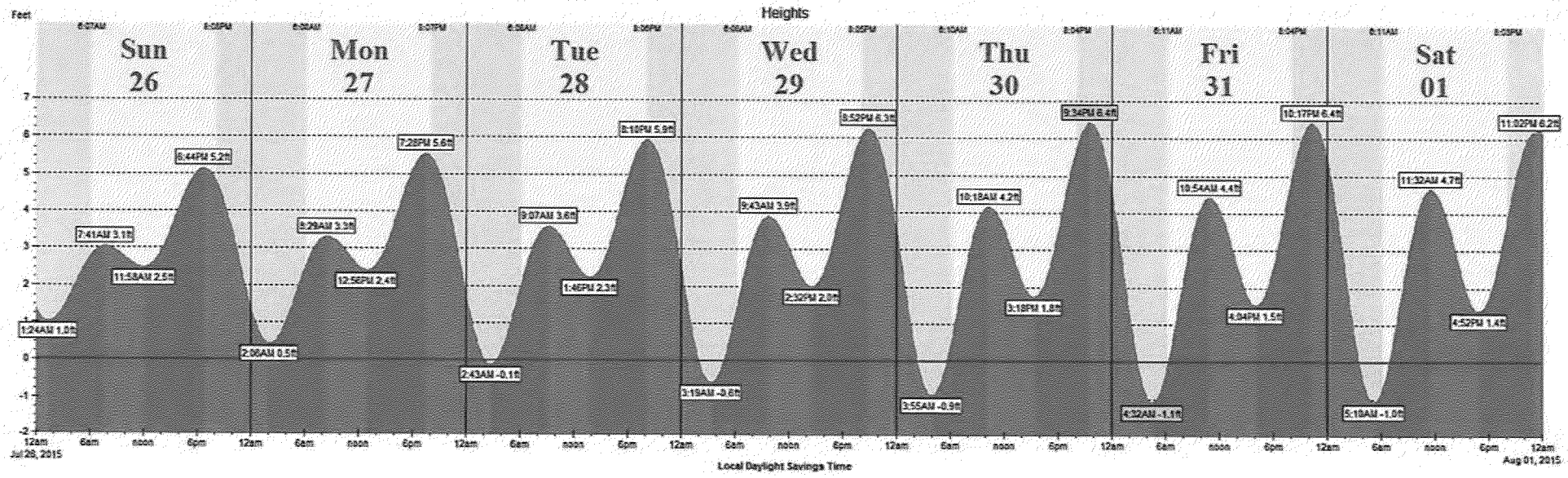
Gaviota State Park

Ship 2.6.0

Tidal heights at Gaviota State Park, Santa Barbara Channel, CALIFORNIA
Station No. 461 Latitude: 34° 28.19' N Longitude: 120° 13.70' W
Based on LOS ANGELES

From Sun Jul 26, 2015 to Sat Aug 01, 2015 (7 days) Local Daylight Savings Time



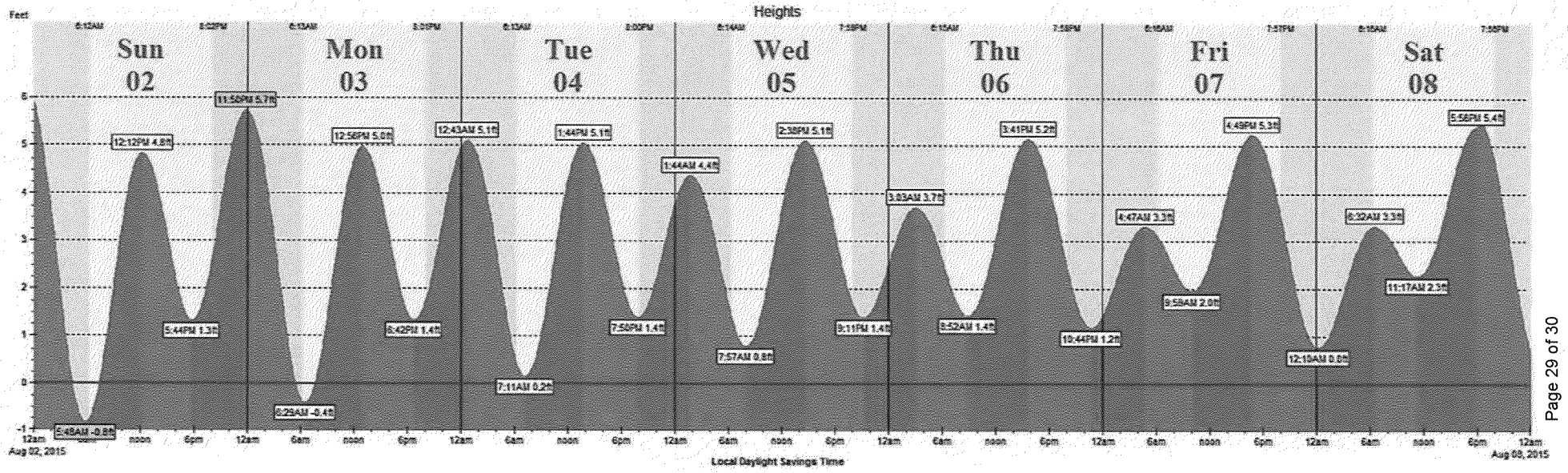

JULY 26TH – AUG. 01ST

Gaviota State Park

Ship 2.6.0

Tidal heights at Gaviota State Park, Santa Barbara Channel, CALIFORNIA
Station No. 461 Latitude: 34° 28.10' N Longitude: 120° 13.73' W
Based on LOS ANGELES

From Sun Aug 02, 2015 to Sat Aug 08, 2015 (7 days) Local Daylight Savings Time



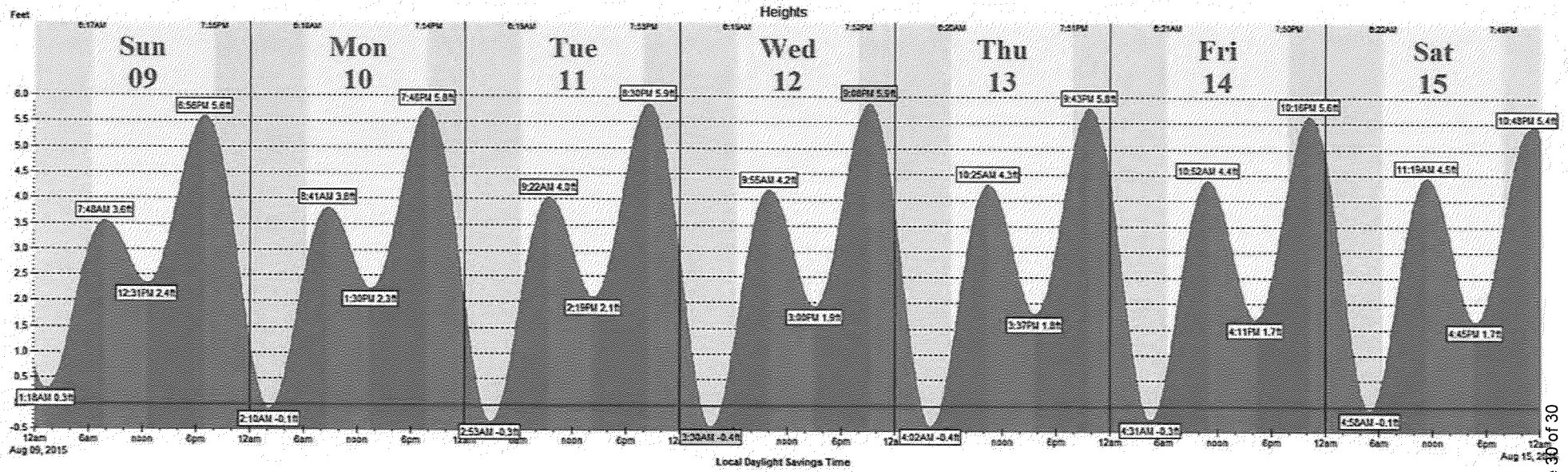

AUG. 2ND – AUG. 8TH

Gaviota State Park

Ship 2.6.0

Tidal heights at Gaviota State Park, Santa Barbara Channel, CALIFORNIA
Station No. 461 Latitude: 34° 23.13' N Longitude: 120° 13.70' W
Based on LOS ANGELES

From Sun Aug 09, 2015 to Sat Aug 15, 2015 (7 days) Local Daylight Savings Time




AUG. 9TH - 15TH