	JAN	FEB	MAR	APR	MAY	JUN
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2						
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MAY 2015

APRIL 2015

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JUNE 2015

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JULY 2015

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AUGUST 2015

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SEPTEMBER 2015

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OCTOBER 2015

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NOVEMBER 2015

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29	30					

June 22, 2015

Call w/ Bret, Dan, Andrew, Harry, me, Enrique.

- Longer Ops period (maybe 30 days) (co is 7 day)
- excavation backfill will be *monitored/decided by Reg H2O boa. State Parks, Plains, cultural groups - and drainage
- rock scraping on beaches will continue.

*indicate that in Transition Plan or POI Rep.

S	M	T
		Battle of Puebla Day (Mexico)
10	11	12
Mother's Day Mother's Day (Mexico)		
17	18	19
	arr. Refugio 1:00am. Victoria Day (Canada)	
24	25	26
31	Memorial Day	

W TH F S

notes Refugio week of June 14.

6/16 CTEH sample team (6) in trench

no crane ops 6/16 - 6/17 due to no lane closure (SB) during Pipeline meeting

Crane ops resumed 6/18

- rolloffs loaded out

CTEH taking background samples ~~South~~ North of trench in eucalyptus stand

Armed Forces Day

☐ need decision on backfill UP consent to allow 24 ft bridge for compactor, larger excavator & possible backfill dump

☐ need backfill plan approval.

☐ CalTrans has Hd lane closure to 9:00-7:00 M-Th 9:00-2:00 Fr. Sat

De Minimis Refugio

NHA Arena Yazzie
(928) 871-2600.

JUNE 2015

MAY 2015

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JULY 2015

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AUGUST 2015

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SEPTEMBER 2015

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OCTOBER 2015

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NOVEMBER 2015

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DECEMBER 2015

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S	M	T
	1	2 Full Moon
7 Actual OT	8 Postart	9 no crane
14 Stockton Turn. arr. Arroyo Grande 11:45pm. Reg. OT=5	15 Met w/ Jason Musante Refugio Oil spill OT=6	16 sampling near RR Trax Canyon. 6 CTEH 6hrs 22 samples OT=6
21 Father's Day Summer begins	22	23 Gainza 3:00
28 ~~OT Reg~~ 12	29 ~~OT Reg~~ 4	30 ~~OT Reg~~ 4

Argonaut.
888 585 9008
302 799 090.

JUL

W	TH	E	S
3	4	5	6
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17	18	19	20
24	25	26	27

no crane. OT=6 OT=6

Start w/ sampling sampling concluded Dan Thompson, Union Pac - will check into 24ft track crossing*

Begin bkgrnd sampling crane ops & rolloff loading

loaded out remaining soil over tracks

13 rolloffs. PP end

OT Req 4

OT Req 4

OT Req 4

OT Req 12 return from Refugio

St. Jean Baptiste Day (Quebec)

*also told up; no longer need speed reduction of trains over 3.5 mile of tracks. Only need speed reduction in immediate trench/culvert work area.

JUL

JULY 2015

JUNE 2015

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AUGUST 2015

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SEPTEMBER 2015

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OCTOBER 2015

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NOVEMBER 2015

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DECEMBER 2015

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JANUARY 2016

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S	M	T
		Section Mtg 9:30 Jury Duty Heather 2:30 ~~9:30 N~~ ~~BD~~ ~~ANNUALS~~
11:00-11:15 Sierra Wind Wellness Ctr. Argonaut & Pioneer Dr. Jackson	11:15 Argonaut w/ START & ERRS.	FOH 1:45 RRT — Scott Dr. AM.
19	20 Phone	21
26	27	28

RRT: 3237 Peacekeeper Way
Rm 114 Loop A&B
McClellan Park 95652

W	TH	F	S
1 Branch Mtg 10:00 Jury duty Canada Day (Canada) Full Moon	2	3 Holiday	4 Independence Day
8 Return to Refugio Planning Cycle begins Argo call 1:00	9 new IAP Planning Mtg.	10	11 leave Refugio
15 Speak @ 9:00	16 1:30 Bruce 4 AL Sacramento	17 10:00 Megan 3:30 Callie	18
22	23	24	25
29	30	31	

0800 tomorrow

~~MONDAY~~ 29

July 8 UC Mtg. 10:00
71° today
30 yd³ debris
108 yds soil
505 field
27 command.
ops - air ops ongoing in Sxn 5
Air ops until Fri

TUESDAY

CO2 blasters - Sa/Su.
S Bound lane closure until Fri
pics of Sxn 5 tomorrow.
Sxn 1 backfill awaiting
land owner approval.
Sxn 4 on hold pending county
comments.

WEDNESDAY

Canada Day (Canada) | Full Moon

will not begin until Sxn 5
complete.
30 min round trip w/ helicopter.
1.5 metal bins rather than
ton supersacks.
T-Th Fri briefing

10:00

Refusio 7/6/15

27 Comm Post.
507 Field

Long Term Erosion Control
plan still in progress

Section 6 doc completed on
7/5 & spider work began
on 7/6 - essential persons
only.

46th day ops per. Friday

Refugio 10:00 call 7/3/15

15 yd^3 soil
15yd sand.
36yd^3 oil debris
676 - 576 personnel cont. to demobe
1 no liaison updates
2. PIO - opening of refugio interest ~~stwondering~~ if - state parks!
Refugio not opening until 7/16
Finance - 115
Logs - nothing
Ops - crews on J due to low tide
Backhoe on JA removing cobble
Cleaning & putting back.
Sun - mobe day of spider crane @ 6:00 am.

EUL-waiting for SBCo
comments for Sxn 5.

SCAT
1(4) arroyo Comado -
uncovered oil on cobbles
thinking about oil sniffing K9
??

Divide 1 into segment.
will send to me for sig

Sxn5 - spider will be reaching
up to pull down boulders.
It monitoring

41-44 lifts.
GoPro site

Refugio Thurs. July 2
10:00 call.
44th d of response

still working on long term erosion plan.
Phase III doc being worked on.
Santa Barb wants current analytical results that are still out.

4 Birds release today
42 Birds released
489 filed 183 Comm staff = 672
46 people in bag.
15 oil sand 14 oil soil
15
15 debris

July 2 Refugio

PIO NRDA - 1st newsletter going out.
will get info to uc later.

$106 total cost
1, J, snare removal today.
J1B, J1C - all crews tomorrow
4 dry CO_2 blast crews on J.
working on Sxn 5 plans
waiting for backfill approval.
earliest work on 7/6.
mobilize on 7/5.
Backfill ops planned for later
next week.
Helicopter arrive on Sunday.
5 days to complete heli ops
41 trips

Refugio 7/2 Daily call.

Envir Unit - DIV I(5) took pics for b4 & after

Fingerprint J(C) - natural Seeps

350 seeps on J(C) so can add to

SCAT team tomorrow.

Sxn 5 plan signed by el

except SBCo & Chumash.

Will scan & send to me &

Capt Williams.

~~Claims:~~

OSPR: All samples after 6/26

will not be considered

investigatory.

Results that Plains released

last Fri prior to Senate Hearing

were USCG Samples.

Janet Wolf at Hearing (Senate?)

Refugio
Tues 6/30 43rd Opper. 20

Ops: Chad Calloway, Plains

M5 → 214
210 → 694

15 yd^3 sand
62 yd^3 soil

Fish closure lifted - per state.
Liasion - research req. - kelprack
got permission so will surveys
start today
PIO - fire big news
$103 m finance
Ops - Clean cobble refugio,
2 dry ice CO_2 blast; 2 mobing tomorrow

10:00 Call 6/30/15

Refugio

low tide - taking advantage to work. Right size next wk

Plan - Sxn5 plans being devel

Waiting for analytical

envir - free oil western

1. I part 5 went to J to do outreach & la found new exposed rocks. ink K la

2. Phase III & Phase II comments expected from SB County. Comments expected this afternoon.

3. Signs in State Parks re natoil seeps.

Refugio June 30, 2015

Safety towed sxn 5 w/15
people to assess:
3 critical parts:
geotech.
helicopter
excavation
will plan another trip
Action Tracker:
1. long term erosion control - prog.
need conf samples.

Closing:
1. State will deport comm. post
but will participate virtually
2. Capt Williams will call in tomorrow
3 Pat (Plains) infor Allen.

Mon. 6/29 Refugio
via conf. call

Safety - no accidents
tides > 6ft every night
will limit ops during day

496 field
214 inc comm.

end points reached 96%
7 birds released over wkd
Heli on standby - no ops.

or virtual PIO thru 7/15

~~JIC calls will be going to District 11 soon.~~
virtual JIC after Thurs.
Refugio Response will freeze.

Summary of calls will
be provided daily
JIC staff conf call this pm

Finance
NPFC } nothing
Logs

Ops - beach I&J
I4 signed off over wkend.
7/4 is planned wrkday
Section 4 & 1 - results
expected this week
Section 5 plan app mark
~~this w~~ later this week.

Refugio Mon. 6/29

Action Tracker.

long term erosion plan in progress - waiting for confirmation samples.

Ops period still 14 days.
email availability to Refugio RESL.
10:00PST Tuesday. next call

R START getting IC samples of oil for NOAA.

Shawn - dev. 204 for 7th team at Culvert Flush

Thurs.

Fri SB 101 June 5
Bike for charity BFD

Statewide Traffic
No Cal Trans today
Statewide need to come out & see cones, get permits & S. encroachments.

need ICS person to look at tide 5-5:30.

2nd tap - 2.5 trucks 300 bbls
midn - 4 am

18 vessels.

App ~~to~~ from Co. Health on rolloff box
transport

(E) NOAA scat observer. report
Capitan - poss. remains
Osteo on site but no site
Safety trng
Michelle allowing for IX
exemption
possible SHPO notificftion
NHPC
Coroner proforma
- no remains SCAT
observer on ground clarified
that tribal volunteer merely
reported that the area
was possible burial ground.

Field Ops. Shawn Ross 204 for onshore team exists

Sat.

Dirt will add 7th team

Ryan (PST) tracking down 204 for groups of observers.

* START (Chris) reported that LEL is at 99% at carbon canister. reported to Mike Berg Dep

Union Pacific Spencer discussion or RR cleanup under Rank

Sit update rec'd from Katy (USCG)

Vapor space from vac truck @ 100% LEL.

Plains will begin interval monitoring

Thurs
5/21/15

Planning Mtg.

Safety - monitoring for bactericide (contains aldehydes)
no exp, no accidents

Ops - no CalTrans road closures until next Tues.

Env. Unit - beginning to evaluate cleaners for rocks & other alt technology.

Ofr. John Brown

Ofr Steve Gwinet
805 235 4699
Santa Barb. CHP

GSC website Created.

Pam
Access Agreement.
Fax
805 685 6619

Andrew H calling Pam
for access Agreement.
☐ done

No Cal Trans Fri night.
Cal Trans beginning
8am Sat.
no night flush op.
10' ft past culvert on
UP property.
10' x 4' x 15' ~ 30yd rem.
Sample 3ft down was
oily.
50 & 60yds total on UP property
1 section of rail 40ft sect rail.

Spencer Lapiers, Arcadis,
Union Pacific. 714 321 5413
25 ft ROW near track.
drainage is within 25 ft
& owned by UP.

40 mph → 20 mph
trackman needs to be
positioned w/ 1 wk lead time
Access.
Consent Agreement

ons. side by outfall.

3 fiber optic fiber on track in right of way
1. Centurylink
2. MCI
3 Sprint

willing to remove track.

8/22 Fri.

Overnight ops on Culvert, last of NB101 completed w/ pressurized Hot H_2O wash.
Cal Trans/CHP on site (101) all night

samples taken from pipeline
- cold tap of pipe completed
- anecdotal "pipe empty"

wildlife barriers needed for trench/excav. areas.

met w/ Quintana (Cultural resource) - all members have some thru site specific 4hr Hazwoper.
2 Cultural members on site at culvert washing

5/21 Thurs:
mtg w/ Gps & Pipeline RP.
they will submit 3 plans
1. Downslope culvert to N 101
2. Drainage to railroad
3. Hot tap pipeline

Caltrans to assist tomorrow w/ lane closure

1. Plan will be amended to use steam. pipe is solid metal cylindrical. 24"
2. no plan yet - upper diam is cement, lower diam is soil
3. Plains will dev plan

Tactics Mtg

5/21/15

Atmos air modeling/results avail.

Site Safety Plan.

Sit Unit -

new sensitive site - offshore

3000 ft ocean

1500 ft other boom

20 bins (20 yd rolloffs) ready for disposal -

40-50 bags @ El Capitan

ICS 234 - objectives/strategies

215 Ops Planning worksheet.

213

✓ OVC
✓ SO
✓ Double start
✓ me
✓ Michelle
✓ EKPS command Post

Press Conf.
Plains - ~ $ 120,000 gals.

N of Spill 90 ft.
4 ft deep to 6-7
exc. vol. 300 yds.

Plains meet w/ DOT 8 a.m.

START on 214.

Thurs. 5/21/15

1700 gal recovered in 2 day.
oil/H_2O mix from skimmers.

Cal GS
atmos monitoring - worker
no acc/injury

5 birds, multiple invertebrates.
Gov issued State of Emer.
No oil on El Capitan - last night report
in error.
Soil removal last night
flush began today
Skimmer ops overnight 18 on H_2O
today. last report is at 1700 x day.
Cultural concerns on beach 70ft
on land. but no oil there so
may not be issue -
NOAA will update trajectories once
overflight team lands.

Thurs. 5/21/15

Comm & Gen'l Staff

0830 Ops Briefing Daily - Barn.

209 needs official publication time; right now 2000.

Alan Schafer, IC for Plains - Incoming

requesting GIS support for Onshore ops. to display excavation, work areas, air monitoring

204s need implementation

Protest is at County Courthouse - optics & protesting park was reason. ("Occupy Santa Barbara")

Sprint has fiber optic cable near aug site but confirmed not in spill area excavation.
USA also concerns w/ fiber optics in spill area excavation

☐ Establ. cleanup end points

9163246250

Cindy Murphy
Buckets/glues - Home Depot.

4-5 arriving. ~~bet~~ tonight.

CCC recommendation

Viewer
ecological damage
Ned Black
Union Pacific

Kitchell Custom Homes.

Leo Murillo 8056856619
Ranch Foreman
Atty: MAE Proper
Alicia Harrison
8058821442

Holly Gellerman SB N101

☒ Air Monitoring
CTEH collected samples beginning at 2:00 a.m. for VOCs, H_2O, CO_2. Data no avail publicly yet. But no hits acc. to safety.

Will push to scribe & prov. daily summaries

☒ Volunteer coordinators (Mr. Donohue)
Cinay Murphy arriving 5/20 at 5 pm.

☒ Circulate Request for 12 arch monitors

Ventura Co APCD.

OCS platform → tankfarm in
Ios flores → ~~select~~ refineries
in socal.

24 in below ground pipeline

3 SCATS : 3 people each

UC - arch resources
UCSB Closes at 2:00
NCNAS search.

204,215

Santa Barb Public Health.
~~Mick~~ Kyle lawrence

120,000 gals of hot H2O
top of cylinder is cement
+ bottom

Plains All American

2000 g/hr
bbls 21,000 galls in H2O
moratorium on fishing
24 in
los flores => Refugio

Air - start/CTEH.
monitoring

Home Depot - hand out buckets.

Chris (START) portable
air monitors high 1 ppm
VOC.
helping w/ crews & pelican

120 land
line

oil from Outer Continental Shelf
(OCS)
los Flores oil ~~[illegible]~~ transfer

Gariotta - Possible Hazwoper
Strong site

Tribal? land?
Santa Ynez
local Chumash - cultural
Considerations.

Brendan ~~26~~ 5622170791
O'Brian Sit Guy.

Tribal. State of CA
Randy Imai
(916) 323 0716 Op Chief
Desk
0745

Tribal Liaison
11:30 Laurie Shumtey
lands.
nothing on BIA 2014.

Priorities.

limits/constraints: tide, weather
safety, beach access to el
e.g. public, press., weather
sats expected Fri, Heavy
equip req. permits on beach,
Nesting season for terns &
other birds.

Priorities
1. Safety.
2 Wildlife impacts. & recovered
3. Discharge quants needed
4. 209 needed.
5. trying to re-open beach
Refugio
6. source control issues -
not leaking but area is oiled
7. Cultural importances!
8 media - Public info - feed
beast.

Objectives

1. Safety - public/responder
2. Deter oil impact tx release & beach SCAT
3. prevent migration of oil from release to beach
4. recover oil
5. protect/id envir sensitive areas
6 id/protect cultural sens. areas.
7. keep public/press informed.
8 minimiz econ impacts
9. pipeline repair

Press @ 10:30 Tucker's Grove
LA

2X day / external stakeholders call.

Hazwoper trng for monitors

So far 6 people + 1 monitor ✓ 150 ft.

non-4 waste assess trng.
at 1 ~~oc~~. barn.

Rich - Patriot - student count
for awareness trng.
ppt Rich 30 d event specific

Tom Haug O'Briens 562
217

Pacific - spill site & culvert
Petroleum

Melissa (805) 558 1005
Boggs

C&GS Mtg.
no oil gps yet

Press tromping on beach.
USCG, PIO needed.

Unk recovered prod volume.

Plains (pipeline) working on site safety plan.

Comm. Post at Beach, discharge point, Fire Dept.
Onshore, Shoreline, ~~Offshore~~ H2O ops
member
6 UC - joint Command USCG EPA

Objectives:

* Gov will arrive today.

Elsa, Santa Barb OES.

Janet Garcia, Consultant Chumash

Spillarea culvert at traintrack., down Cliff.

6 teams on beach; 150 ft each.

2 Archaeologists on site
estab. culturally sensitive areas

Barbara Tejada, State archaeologist

Stone mortar bowls, artifacts.

2 monitors available & can only cover State Park area

Lompoc arch consulting firm

213 for tracking resources.

Jim Hiltz. USCG
Dep. PSC.

Cindy Murphy } 1600 hrs.
Andrea Moore.
Volunteer
OSPERS.

Aware & Prepare

An Orfalea Fund Initiative

A Community Partnership to Strengthen Emergency & Disaster Readiness

PARK BLUFF PAST TRACKS

NAT COX

805-648-8194

me
Donn Z, Jeremy Legett.
Wed. Chris Greg, Andrew (Arcadis)
7:30 Thurs the culvert
under RR will get moving

Ofr Cabral

all work will be within
25ft Union Pacific rail property

DZ instruct to PST.
Eric King, PST at pipeline

Spencer will contact MCI
fiber optic line is marked.

Sunday.

- [x] 1 Team FOB - Ryan on 204
- [x] 6 Teams FOB - Ross on 204
- [x] Comms plan
- [ ] Access Agreement - Andrew
- [x] wants to do Beach Cleanup. Ryan going to check
- [ ] Pier for Env. tox boat - no pier at Refugio in Division M
- [ ] Refugio Response site only displays EPA OSC pics on ie not of Chrome or Firefox.

Katy sit

- [ ] 169 Bins - 11 shipped 16 staged & ready - Analytical Bucle tomorrow. per M Graves

Tues

☐ Ben/Ned sampling at H_2O/soil interface. Where?

Ops culvert plan

response contractors resp for Δ sections

pub = piss don't ever forget that.
stay on other side of check wire

Wed. do not pop your head w/ ~~at~~ thought, cuz it clogs up your head.

Brian Rhodes, Plains

Equipment - Pacific Pet. w/ NRC

UP approves of plan to clean culvert under RR.

3Fs-
Dt-
find
fix
fu-

Generic
311(c) 311(e)
OSC delivers
Soil sample/removal.

extent of contam.

Nat Res
Damage
Assess-

Ned - samples demo'ing
impact to biota
part sea urchin toxicity
track & map impact.

test - sea urchin bioassay
control H2O pos. control.
fluorometry - fluorescence
by Hydrocarbon.

test - clean H2O w/ toxins (Cu)

ocean sample actual added
to sea urchin eggs to see
how many sea urchin results

Nick running down
historic sample results.

Chris reviewing sampling
plan addendum for
soil sample

Kevin CTEH.

El Cap / Las Flores
worked stopped.
pending safety access
not being safe
so looking for a better
access - local firefighters.

Raven - vessel carrying
Ned START.
Clean Seas
Larry 805 2330875
Capt 12:30 departure.
note oil if boat not deconned.
Santa Barb Basin

Waste sampling each bin
Freeport w/ only accept hard top.

Utility loc notification
is holding up air pressure.
Dig is not open today

Culvert flushing is still
occuring
no Benzene on Brian's
ultrapac.

Chris Plains, Ops. 832 904 5247
Lauer
Refugio Section 4

~~E~~ & 8:2
~~8~~ 6 wall
8 walls/floor

2: planning

obj 8:00 am
9:00 am UC planning
4 pm IAP Approval.

excavate - risk assessment
lane closure

20 yds from 6 transect
unk about 8

7 d oper period
no backfill plan
so no ~~#~~ resource
planning
Planning tomorrow @ 4:00.
excavation - over excavate

Ben castalano.