Field Notes

(b) (6) [redacted] – HEPACO LLC Superintendent

NAS Oceana JP-5 Spill Cleanup

5/11/2017-5/22/2017

Location Oceana Jet fuel Date 5-11-17

Project / Client Oceana

1100 Vac up and skimming on London Br
crew heading to Lynnhaven inlet to
install hand boom
Excavator, culvert pipe and sand
in route. 150 vac on site
Frac tanks in route, trying to
come up with place to off load
until frac tanks arrive, Bobby flight
Spway on site
1140 Rental Vac full move 150 in place
will be off Loading at Oceana til
frac tanks arrive
1200 Crew on site w/ sorbents, pipe on site
begin deploying sorbents & boom
in creek, ~~sand~~
1229 Send (b) (6) w/ boom to (b) (6)
1258 (b) (6) out w/ 150 Vac to off Load
1310 K spill on site, Request
3 Vacs from Accurate, will
send to Potter Rd Arrowfield
and London Bridge, (b) (6) on site
1330 150 out to off Load, 85 vac
operating
1345 85 full waiting to off load

Location London Bridge Date 5-11-17

Project / Client Oceana Jet fuel Spill

12 London Bridge

pipes in place for 1st underflow dam
1350 sand going in to set pipes properly
1423 1st underflow dam in place
Just need to bring up to grade
Rental Vac down cooling fans
not working
1445 (b) (6) on site, move 150 Vac to
Culvert going under London Bridge
1515 Chandlete crew on site 2 Guys
Spoke w/ (b) (6) w/ % Va Bch
we have City dump trucks until
1600 complete w/ underflow dams as of
now.
1635 1ST underflow dam complete
begin on the second
1708 (b) (6) off loaded and moving
to underflow dam
1710 Flow meter backflow prevention on site
Drums on site, take 8 the rest
heading to Elon site
1727 (b) (6) off loading 5th load
Est 18500 gals
Send 85 (b) (6) and (b) (6) to
Elon site

Location London Bridge Date 5-11-17

Project / Client Oceana Jet fuel Spill

Personnel & Equip London Bridge site

(b) (6) [redacted]

1300		10-0095	50-0154
1130		10-3183	
1130		50-0150	
1130		50-0085	
0900		Rental Vac	
1000		20-0095	
1000		82-0025	
1000		50-0146	
0900		10-3229	
0900		10-0142	
1000			
1000			
1000		Sub Contractor Equip	
1000		H&E Excavator	
1800	Roa	H&E 2 light towers	
		Spivey Porta Potties (2)	
		Spivey hand wash station.	

Location London Bridge Date 5-11-17

Project / Client Oceana Jet fuel Spill

1746 · we are getting a little leak by the 1st under flow damn due to rip rap, 2nd damn close to completion, 25 vac recovering product south side of 1st under flow damn

1840 (b) (6) [redacted] full heading to Potters Rd

1850 (b) (6) [redacted] full, Roanoke Vac on site

Rite in the Rain

Location London Bridge Date 5-12-17

Project / Client Oceana Jet fuel spill

0640 on site, safety brief, assign crews and take over for night crew

Navy frac tank total 16617 gals

fuel 3724 gals

3 vacs working on London Bridge

2 vacs running to Norfolk

Keeling working boat crews on Elon

onsite Loaded	Rental Vac		1518 gals fuel	
3000 150	5000gal	stand by ORF	5000 gals off	off site
3000 154	5000gal	stand by ORF	5000 gals off	off site
5000 25	5000gal	NOB	5000 gals	off site
3000 150	5000gal	NOB	5000 gals	off site
3000 154	Equip on site 5-12-17			
3000 154				
5000 FL	10-0153	Excavator	20-3215	
3000 Elon	10-3229	2-light towers	60-5026	
3000 154	50-0150	10-0107	20-5006	
3000 150	10-0151	80-3101		
5000 FL	50-0146	10-5030		
	Trailer 747-644			
	10-0129	20-0091		
	10-3252	70-0023		
	10-0114	80-0056		
	50-3217	60-3245		

Location London Bridge Date 5-12-17

Project / Client Oceana Jet fuel spill

0820 Sending King Vac back to norfolk back to Norfolk and swapping out w/another Vac, due to not having water source to keep vac ring full.

Lerington in route w/ Rain gear, Gloves sorbents and trash bags.

0837 Have been requested to containerize impacted dead animals for disposal apparently down on Elon dead animals have become a problem, 10k heading to ORF

Long Vac and driver from FL out norfolk, sending a driver after long vac, FL driver going to hotel will report to work at 1800 Norfolk.

0914 Lerinton on site 0830 Start time

First roll off on site at stage

Cath to keep track of trucks departing for Norfolk, total water, fuel in tanks

1016 154 vac full heading to off Load Hepaco Frac tanks

FL long vac working from navy Rd north on London Bridge

Rite in the Rain

Location London Bridge

Project / Client Oceana Jet fuel Spill

Date 5-12-17

1020 learn Navfac vac's are off loading into Hupaco Frac tanks, product recovered from ditches on base, Navfac pulls load for

1032 Long Vac in route from shop, 2nd 20 on site

1044 Back on site w/ Long vac, 2 drivers and Long vacs in route to assist.

1127 Informed to stop loads to Hupaco ORF Navy wants material taken to NOB waiting on firm orders

Crew removing sorbents left on bike path by VBFD, transported to roll off's on site

(b) (6) full and head to off load

1245 (b) (6) [redacted] (b) (6) [redacted] on site w/ 2 Long vacs, safety brief and will then take them to Frac Tanks

154 vac loaded and out to off load

(b) (6) [redacted] 0000-0330 Travel

(b) (6) [redacted] 0000-0330

0830-

1030-

1310 154 Vac on site set up and continue, have a steady rain setting in.

Location London Bridge

Project / Client Oceana Jet fuel spill 1783-4072

Date 5-12-17

1326 10K waiting on direction from Navy 10K being Loaded.

1340 Informed its gonna be a while before our trucks can head to NOB need to submitt access list rain increasing, getting ready to have serious issues with rain and no storage capabilities due to vacs waiting on approval for NOB. Navy has started filling Frac on London Bridge again

1358 Just started filling 4th frac

1538 Have soaked ground on frac tanks 30K removed from site as of now 20K went to Norfolk 10K to NOB w/ escort

1600 154 Vac full out to off load 154 Vac on site and recovering Product, ordered wheel loader for dumping sorbents Ordered Backhoe for dumping drums 168 on site w/ sorbents, 146 back to the shop to be loaded for tomorrow morning

Rain on Rain

Location London Bridge Date 5-12-17

Project / Client Oceana Jet fuel spill
1783-4072

1710 154 out to off load
1745 154 back on site and pumping
Currently have 2 full Frac tanks
1 empty and one filling
1817 150 full heading to off Load
20k extra tonight to NOB
fill tanks, pre Load Long Vac's
all on site, and worst case
10k to Norfolk, (b) (6) will
have cones designating what tank
to off load too, need to have
Norfolk personnel ride with.
1827 FL Long Vac out to off Load
FL Long vac will not off Load, preload
for NOB, Loading a long vac currently
for NOB that is 10k out of 20k
approved for NOB after hours

Location Date

Project / Client

Rite in the Rain

Location London Bridge Date

Project / Client

Planning for 5-13-17

flush to vac truck located at city
pump station fire hose Chest waders

2 man frac tanks
3 vac's w/ operators, possibly bring 153 vac
1 tech to assist drivers as needed
3 techs for mucking and flushing ops

7 people coming in tonight for tomorrow
plus driver from FL

PO# H&E Backhoe 84-11491

5 ~~styrofoam~~ coolers, 5 bis, 3 things of alum foil

Location Date

Project / Client

Rite in the Rain

Location London Bridge Date 5-13-17

Project / Client Oceaner Jet fuel spill

0700 assign crews, apparently 4 people did not report

Call (b) (6) for escorts

0800 2 Loads heading to NOB, (b) (6) to the shop in attempt to fix transit value on FL Long vac

0830 (b) (6) in route to site for escort

0837 3rd Long vac depouts heading to NOB. Back hoe on site for dumping spent sorbents

5-13-17 NOB 10 Frac Tanks

5-14-17 NOB 11 Frac Tanks

Location London Bridge Date 5-14-17

Project / Client Oceaner Jet fuel Spill

1783-4072

0700 Morning meeting, assign crews and Start work

0830 Begin setting up to flush c/o Va Beh will allow us to use 5" line as long as someone stays at hydrant, Navy fire to supply fitting for hose

0900 Waiting for NOB to give go ahead for trucks to off load

0944 Navy fire provides fitting begin flushing.

1114 Pull back earth dam's where fuel left Naum property to allow flushing to be more productive

1207 Flushing water has reached Central Dr

1238 (b) (6) depout site.

1340 Move LV to west side of London Br. to recover any product collected in boom during flushing ops