

INCIDENT STATUS SUMMARY

1. **Incident Name** – HOTEL RELEASE
2. **Operational Period** – 07/15/21 – 08/13/21
3. **Type of Incident** – OIL SPILL
4. **Situation Summary as of the time of the report:**

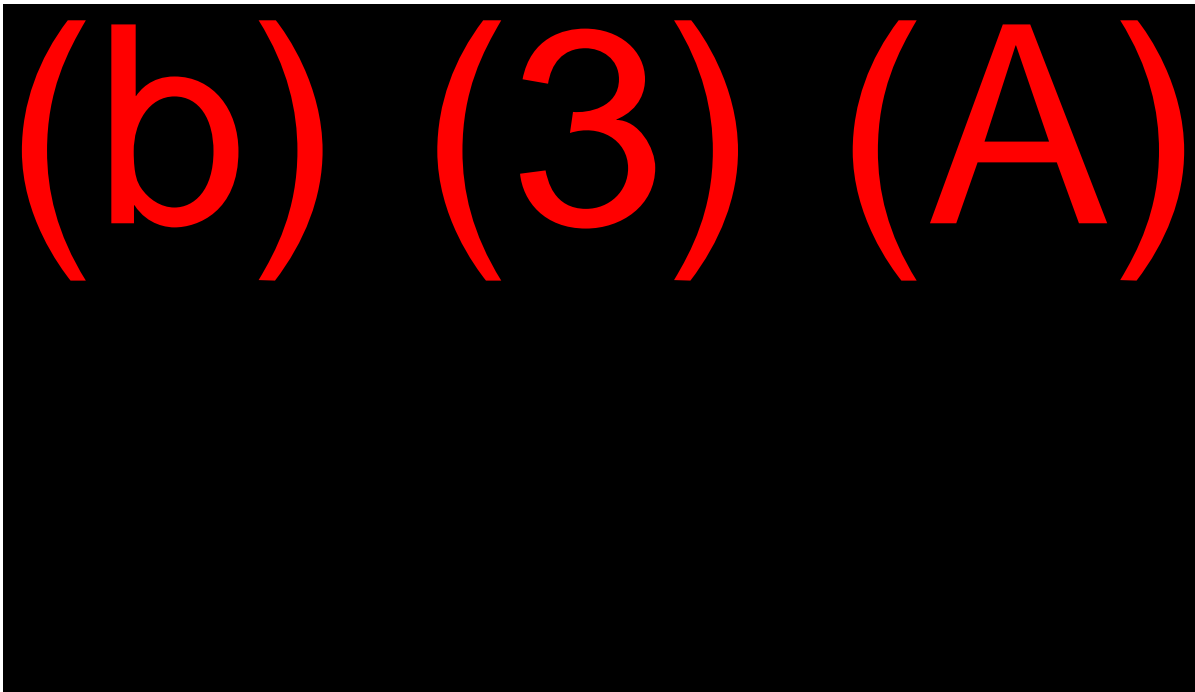
Ocean boom has been installed from the H5/H6 corners to the Halawa stream edge of (b) (3) (A). Due to a lack of acceptable attachment points for the tide risers; PENCO had to develop methods to install the risers and boom, in such a way that it provides complete containment while not allowing boom to balloon out and/or rub against the deteriorated sheet-piling. Work is ongoing to finish the tide riser system for the installation of the H5 ocean boom leg. A shipping delay for one of the tide risers has prevented the completion of the H5 leg. If the part is received early next week the install could be complete by 8/20.

Small amounts of free product continue to accumulate in the same observation wells (OWs). The last OW surface free product measurements were conducted on 7/28, see the table below for from the date of the last report until 7/28: Beginning on 8/3, absorbent boom was placed into the producing OWs. PENCO is conducting recovery and changing sorbents on Mon, Wed, and Fri.

NOTE: The Navy is now referring to the wells as Observation Wells (OW) to prevent confusion with actual MWs.

	7/19		7/21		7/23		7/26		7/28	
	Inches	Clr	Inches	Clr	Inches	Clr	Inches	Clr	Inches	Clr
OW2	1.00	L/M	1.00	L/M	0.13		0.00		0.00	
OW3	2.25	D	2.25	D	1.50	D	3.50	D	1.50	D
OW4	0.00		0.00		0.00		0.00		0.00	
OW5	0.00		0.00		0.00		0.00		0.00	
OW6	0.00		0.00		0.13		0.00		0.00	
OW7	0.00		0.00		0.00		0.00		0.00	
OW8	1.50	D	0.13		0.25	D	0.00		0.13	
OW9	1.00	D	0.00		0.00	D	0.00		0.00	
OW10	4.50	D	3.00	D	2.50	D	2.00	D	2.00	D
OW14	0.00		0.00		0.00		0.00		0.00	
OW15	6.50	L/M	2.00	L/M	2.50	L/M	2.00	L/M	1.25	L/M
OW16	3.38	D	0.13	D	0.25	D	0.00	D	0.00	D
OW17	0.00		0.00		0.00		0.00		0.00	
OW18	0.00		0.00		0.00		0.00		0.00	
OW19	3.50	L/M	2.00	L/M	1.00	L/M	3.50	L/M	1.00	L/M
OW20	2.50	L/M	1.50	L/M	1.75	L/M	0.00		1.50	L/M
OW21	0.00		0.00		0.00		0.00		0.00	
K111	0.00		0.00		0.00		0.00		0.00	

The “water conveyor” has been shut down. All trenches have been filled with new clean fill material, and associated equipment has been removed from the site. No changes have been observed in oil accumulation or movement since closing the trenches. No measurable oil has been recovered from the H6 (b) (3) (A) side since 7/19. The NOSC Rep plans to fill the OWs that only produce water to reduce risk and carrying costs. The OWs highlight in blue above are marked for filling.



The NOSC Rep is working with PENCO to evaluate the OW recovery and monitoring method to see if any additional wells would be beneficial in preventing oil from reaching the water under the pier (H1/H4 area.) H1/H4 is the primary area that continues to see minimal amounts of oil reaching the water.

Site Assessment: All evidence continues to support the defuel line as the likely primary source of the newer product. After isolating the defuel line with blank flanges, the amount of clear product that appeared to be new fuel, began to decrease and eventually ceased entirely. The remaining quantities being recovered have been drastically reduced. The defuel line is secure and residual jet/diesel and small amounts of historic product remain and continue to be recovered by PENCO. The site is under control with very little product reaching the water. Since the 7/19 incident status summary, 19 gallons total have been recovered from the water. All 19 gallons from the H1/H4 area.

Test results on 5/21 and 6/23 indicated *Kerosene/Jet A with a lesser amount of diesel fuel #2 or similar middle distillates*. These test results are consistent with prior results. The Navy does not intend to order anymore lab tests without a significant change in product characteristics.

Contaminated soil: The remainder of the contaminated soil from the trenches was delivered to the PVT landfill on 7/20/21.

5. Future Outlook/Goals/Needs/Issues:

- Continue interdiction, containment, recovery of residual product through OWs.
- Continue to remove free product in the OWs via absorbent boom to prevent migration to the water. The boom in the OWs enables passive recovery 24/7 to mitigate the migration of any residual oil. OWs serve as an "early warning" of any changes in product movement or quantities that could lead to a release to the environment.
- Close OWs that are dry and/or only produce water.

- Determine if additional OWs are needed to prevent oil from reaching the water
- Continue transition from emergency to a remedial site.
- Continue ocean boom installation.
- Continue to monitor VOCs when recovery occurs. Workers are trained and have respiratory protection in case VOCs reach an action level.

Our Goals for the OSRO contractor (PENCO):

1. On-water containment and recovery.

- No sheens observed escaping containment
- Install ocean boom

2. Prevent oil from reaching the water by intercepting it on land.

-Trenches are now closed. PENCO is now focusing on recovery via OWs stuffed with absorbent boom. The below table shows all product recovered since the last report. The dates highlighted in blue indicate that absorbent boom was being used in the OWs. The OW boom recovery method seems to be effective in reducing the amount of oil migrating to the water.

	TOTAL	H1/H4	H/LL	OW
7/16/2021	5	1	2	2
7/19/2021	7.5	2	2	3.5
7/21/2021	1.5	1.5	0	0
7/23/2021	6	5	0	1
7/26/2021	4.5	3	0	1.5
7/28/2021	1	0	0	1
8/3/2021	6	0	0	6
8/9/2021	6	1	0	5
8/10/2021	0	0	0	0
8/11/2021	4.5	1.5	0	3
TOTALS	42	15	4	23

3. Locate the source

- Defuel line as explained above combined with small amounts of various historic products
- Continued observation during transition, to watch for changes or increases that may indicate additional sources.

6. Safety Status/Personnel Casualty Summary

- No injuries. No Deaths.
- Grounding cables will be used if skimmer recovery from K111 becomes necessary in the future.

-Daily onsite safety briefs. Safety is paramount.

7. **Property Damage:** NONE

8. **Attachments:** NONE.

9. **Equipment Resources in use/on site**

PENCO EQUIPMENT ONSITE

-1 x 17 ft. Boston Whaler

-1 x Berms

-Drums 55 gal as required

-1 x Reach lift/JLG

-1 x Conex box for emergency response gear

10. **Personnel Resources working *full time** on Hotel Release**

a. NAVY – 1 NOSC REP (FOSC)

b. CONTRACTOR-Varies with different operations with 3-4 personnel onsite on the normal day, but may increase with divers or vacuum excavation ops.

i.1 PM (currently not on site unless needed)

ii.1 Foreman/Sup

iii.1 Equipment Operators

iv.2 technicians

c. Dive team 4 personnel (currently not on site)

d. Excavation team 2 personnel (currently not on site)

**Work is being reduced to 2-3 days per week*

11. **RECOVERED PRODUCT *ESTIMATES:**

a. Recovered 7/15/21 – 8/13/21 = 42 gal (19 water 23 land)

b. Total recovered by the JBPHH Facility Response Team (FRT) from 3/17/20 until 2/11/21 = 3100 gallons

c. Total Recovered by BOA contractor, PENCO from 2/12/21 – 8/13/21= 4,666 gallons

Total Recovered			
	Water	Land	Total
Feb	559	45	604
Mar	1422	648	2070
Apr	515	292	807
May	375	683	1058
June	51	24	75
July	22.5	13	35.5
August (1-13)	2.5	14	16.5

d. Total since 3/17/20 = 7,766

**Quantity estimates are determined for liquid recovered into the vacuum truck or the IMO tank by allowing the liquid to decant, taking a depth measurement of product and water, and referring to the innage and outage tables for the respective tanks. Estimates for product recovered via sorbent material and placed into 55 gallon drums is estimated via the expert eye of the OSRO contractor.*

12. Waste

DRUMS removed by PENCO and transferred to:

Clean Earth Specialty Waste Solutions, Inc.
Burlington Environmental, LLC. Tacoma Plant
1701 East Alexander Ave
Tacoma, WA 98421
Ph.: 253-627-7568

4/6 151 drums
4/7 35 drums
5/12 69 drums
7/26 24 drums and 4 tri-walls*
Total 279 drums
4 tri-walls

**Tri-walls were used due to a 55 gal drum shortage. 1 tri-wall is equivalent to 4 drums.*

LIGHT OILY WASTE WATER removed via trailered IMO by PENCO and transferred to:

Pacific Environmental (PENCO)
Pier 33 Honolulu Harbor
Honolulu, HI 96871
PH: 808-545-5195

4/14 4,681 gallons (4,293 water and 388 oil)
5/10 4,849 gallons (4,681 water and 168 oil)
6/11 305 gallons (128 water and 177 oil)
TOTAL 9,835

SOIL DIRT and ROCK removed via roll-off containers and transferred to:

PVT Land Company
87-2020 Farrington Hwy
Waianae, HI 96792
6/8 23.54 tons
6/9 23.73 tons
7/20 67.7 tons

PREPARED BY: Derrell Saul, Navy On-Scene Coordinator Rep (NOSC Rep)