

INCIDENT STATUS SUMMARY

1. **Incident Name** – HOTEL RELEASE
2. **Operational Period** – 03/16/21 – 03/23/21
3. **Type of Incident** – OIL SPILL
4. **Situation Summary as of the time of the report:**

The NAVY contracted PENCO via the USCG BOA to take over the on water response, recover product, identify areas in which the leak is presenting, and isolate those areas to prevent migration, and investigate/search for the source via excavations.

PENCO continues to maintain a very effective booming strategy. The boom is adjusted and absorbents replaced daily and as needed. Boom runs from the Hotel 1 corner under the main pier and around H5, H6 and runs up toward Halawa Stream along the (b) (3) (A) wall. The identified leak areas (H1/H4, H6/(b) (3) (A)) are effectively isolated to prevent migration. The effectiveness of the booming strategy continues to be effective in preventing product and sheen from escaping the boomed areas.

Excavating began on 3/2. Digging continues very deliberately and cautiously. Tools being used for digging include a backhoe, an air spade, water jet, hand shovel and a vactor truck to vacuum the soil and small rocks. Spoils and debris are being carefully monitored and collected in predesignated areas.

All of the excavations continue to reveal contaminated soil/fill in shallower areas and free product deeper than 5.5 feet. On 3/9 the first significant amount of free product was found in a hole created by the removal of a bollard near the light pole. We no longer see much in the 1st.bollard hole due to the deeper excavations around it. The other excavations are down to 6-7 feet in areas where workers can safely dig. The oil appears heavily after approximately 5 to 5.5 feet.

Free product is being recovered from interceptor trenches using a vacuum truck brush and wand skimmers.

Excavations/trenches:

1. 1st bollard hole –not much product, likely due to being surrounded by deeper excavations now. Covered with steel road plate.
2. Interceptor trench along the concrete fence cap inside of fence. – Serving as an interceptor trench.
3. Outside of fence in the dead grass area between the blue water pipe and the fence – Serving as the primary interceptor trench, and provides access to abandoned lines for tapping and investigation.
4. Inside fence between the low point valve tray and the fence. – Currently digging to expose active lines. The lines are expected to be deeper than 7 feet

The K111 vault: 6 gallon recovered on 3/18 and no more than 1 or 2 absorbent pads full each day since.

The original pit: Since we began skimming product from 2 and 3, we have seen mostly clear ground water.

The summary of all sample tests results continue to indicate that the leaking product is primarily JP5 with little weathering and that we do not have PCB concerns. No updates on sampling

5. Future Outlook/Goals/Needs/Issues:

Efforts to locate the source continue through excavating, research into drawings and technical data, past history and daily site analysis. Current digging has revealed significant product at around 5.5 feet and deeper on top of the ground water. The product refills when removed.

The excavations are being slowly expanded in search of a source. The past two days have focused on meeting all safety requirements for working in trenches/excavations. The excavations are at a depth that people will only work from ground level on road plate stabilized areas until all requirements have been met. PENCO has worked with their subcontractors to slope/bench and will install shoring later in the week as the weather permits.

Recovery equipment is on site and ready any time digging is in progress.

PENCO has brought in an oil/water separator for the decanting. The DOH has concurred with the decanting plan. The Navy is working on the disposal plan with PENCO and a waste management plan will be provided when the Navy is ready to add disposal to PENCO's contract.

Still awaiting the ocean boom, but lack of receipt will not slow progress.

All Five abandoned lines and PVC waste oil pipe have been located in trench #3 that runs parallel to and on the outside of the VS3 fence.

Three lines are roughly 6-7 feet deep and remain covered by groundwater/oil.

-800 ft 32" F76

-450 ft 18" JP5

-400 ft 16" JP8

Two lines are roughly 3 feet deep and dry with the groundwater/oil under them.

-300 ft 12" JP5 with "new" welded cap.

-300 ft 12" casing line

Research revealed that the PVC pipe visible in the original pit is a waste oil line that follows the fence around and feeds into the 12" casing. The PVC pipe was fully exposed in the original excavation.

The excavation outside of the fence was terraced and benched down to just above the 300 ft 12" casing and the 300 ft 12" JP5 abandoned lines. Both lines have been full exposed.

With the assistance of a subcontractor PENCO will tap the PVC waste/oil line and the two 3 ft deep 12 inch lines. Each line will be considered pressurized until proven otherwise.

Excavation #4 Digging between fence and L. P. Valve tray to locate the active JP5 line (outside 450' line) is proceeding while the other two excavations are being prepared for the tapping work.

K111 vault is still being monitored, but it appears that the product

A waste stream has been established and spill debris, product, and waste is being properly containerized, labeled and stored on site for near future disposition. The NAVY is working with PENCO to add disposal to the PENCO contract.

F76 Pumping operations are taking place on 3/25 and are not expected to impact our planned work.

PENCO expanding berm size to accommodate 6340 gallon ISO tank.

Our Goals:

1. On-water containment and recovery.
 - Successful. Daily management continues
2. Prevent oil from reaching the water by intercepting it on land.
 - Beginning to have success. Approx. 50% of the product being recovered is being interdicted from trenches 2 and 3 prior to reaching the water.
3. Locate the source

6. **Safety Status/Personnel Casualty Summary:** No injuries. No Deaths.

- a. VOCs at ground level at the excavations continue to read 0-2ppms. Spikes of ~10ppm are seen near the floor of the excavations.
- b. MultiRAE meters are being used on site at all times when digging is in progress or product is being recovered from the K111 vault or the excavations.
- c. Personnel who are actually digging are wearing respiratory protection.
- d. Grounding cables are being used for the skimmer operations in the K111 and will also be used in trench #4 due to the discovery of an abandoned concrete electrical conduit.
- e. All required safety measures for digging deeper than four feet will be strictly adhered to.
- f. Each day begins with an onsite safety brief

7. **Property Damage:** NONE

8. **Attachments:** NONE

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

PENCO EQUIPMENT on SITE

- a. 1 x 17 ft Boston Whaler
- b. 800 ft harbor boom
- c. 3 x Berms
- d. 21 x Steel plates for covering excavations
- e. Drums 55 gal as required
- f. 1 x Reach lift/JLG
- g. 1 x Conex box for drum storage
- h. 1 x Backhoe
- i. 1 x 6430 gal IMO (FRAC tank)
- j. 1 x air compressor
- k. PENCO will bring in an oil/water separator (will bring it in right before we want it to keep charges down)
- l. 1 x Vacuum truck

- m. 1 x brush skimmers
- n. Ocean Boom (awtg ETA)
- p. HPU for brush skimmer
- q. Vactor truck
- r. Decanting tank

NAVY

- a. TDS 136 Drum Skimmer
- b. 2 x Vacuum trucks

10. Personnel Resources working full time on Hotel Release:

- a. NAVY – 1 NOSC REP (FOSC)
- b. CONTRACTOR-Varies with different operations 5-15 onsite on any given day
 - i. 1 PM
 - ii. 2 Equipment Operators
 - iii. 1 Foreman
 - iv. 2 Divers
 - v. 1 Dive Master
 - vi. 2 Dive tenders
 - vii. 2 Drivers
 - viii. 5 Technicians

11. RECOVERED PRODUCT ESTIMATES:

- a. Total recovered by the JBPHH Facility Response Team (FRT) from 3/17/20 until 2/11/21 = 3100 gallons
- b. Total Recovered by BOA contractor, PENCO from 2/12/21 – 3/16/2021 = 1964 gallons
- c. Total since 3/17/20 = 5,064.

PREPARED BY:

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