Appendix 3.6

Final Investigation Report- Oil sheen complaint on 16 September 2025

Investigation Report

Contract:	***DC2020 - Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)***

ET Log Reference:	007		
Date Received:	16 September 2025	**Source of Complaint:**	Environmental Protection Department
Location:	Pui O Wetland		

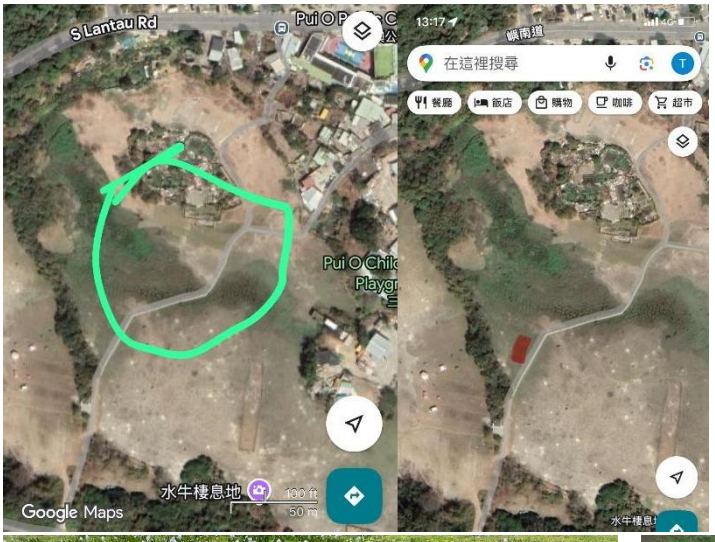
Details of Complaint:

The complaint was submitted to the Environmental Protection Department (EPD) on 16 September 2025. The complaint was then referred to the Environmental Team (ET), Independent Environmental Checker (IEC), Drainage Services Department (DSD), and the Contractor on 16 September 2025. Engineer's Representative (ER) was informed on 17 September 2025. The complainants alleged that there was oil sheen found at the wetland in Pui O, leading to withering of plants.

Content of the complaint: 貝澳濕地油污問題

昨天收到貝澳居民投訴，指貝澳濕地（位置見圖）發現有電油，電油佈滿部份濕地的水及泥土中，導致部份浮篙及浮萍枯死. 源頭不明。

今日中午時到過上址，發現在附地圖紅間位置濕地上的植物有枯萎情況，有村民表示今早仍見有油跡由西北方往東南流動。中午時，雖未見明顯油跡，但有強烈的氣油味從嶼南路方向飄來。再到嶼南路尋持氣油味的來源，似乎在羅屋村往東涌方向巴士站旁的垃圾站小徑中途發出，亦不排除與工程地盤有關。



On 25 September 2025, additional information from EPD was received that oil signs spotted in the Pui O. Location map and relevant photos, are given as follows.

Actions taken:

- 16 September 2025: Discussion between ET, Contractor, IEC, DSD and ER
- 17 September 2025: An unannounced inspection was conducted by ET
- 17 September 2025: ET requested the Contractor to provide information on chemical storage and usage; the Contractor provided the Information, including details of chemical storage and usage on the same day
- 18 September 2025: ET and Contractor conducted a joint site investigation.
- 25 September 2025: ET, EPD, and Contractor conducted a joint site investigation. The site investigation location specified by EPD.
- 25 September 2025: ET, and Contractor conducted a subsequent site inspection.
- 3 October 2025: ET requested information on ongoing and immediately past construction activities carried by the Contractor, chemical waste disposal record, and the condition at site boundaries and the on-site facilities (i.e. PME).

Investigation Findings:

In accordance with the contractor's report, the following activities were carried out in September 2025:

- Excavation, sewer laying, construction of manhole at Pui O Lo Uk Tsuen, South Lantau Road, Chi Ma Wan Road;
- Trenchless drilling works (Chi Ma Wan Road);

- Excavation and Excavation and Lateral Support (”ELS”) work at Pui O Sewage Pumping Station (“POSPS”);
- Superstructure Reinforced Concrete (“RC”) works at San Shek Wan Sewerage Treatment Works (“SSWSTW”);
- Waterproofing Work at SSWSTW;
- Excavation and Site formation at SSWSTW; and
- Electrical and Mechanical (“E&M”) Installation at POSPS

Site inspection record was checked. Oil drums stored on site were found to be properly stored on drip trays, and no leakage was observed. The photo of the oil drums is given in **Figure 1** in Photo Records. Active site locations are given in **Figure 2** in Photo Records.

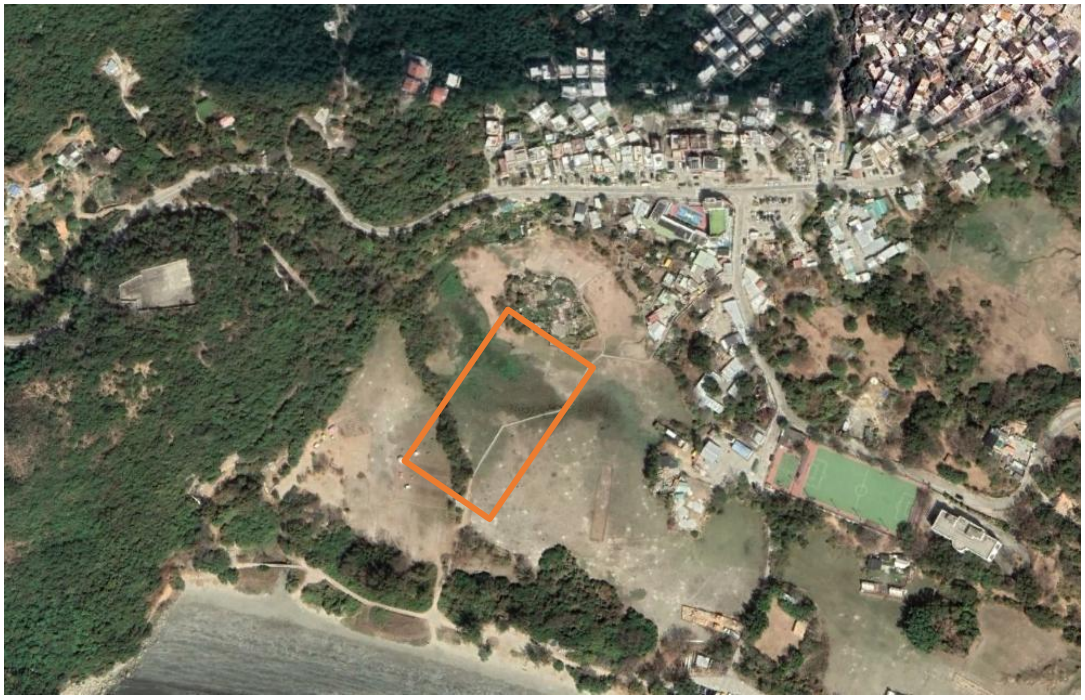
On 17 September 2025, an unannounced Inspection was conducted by ET. The inspected locations are given in **Figure 3** in Photo Records. NAPL stains were identified at the wetlands of Pui O. The location of the contamination is shown in **Figure 4** in Photo Records. The Oil stains was observed in the stream (**Figure 5**). The oil sheen was not identified within proximity of our Project Sites.

On 18 September 2025, site inspection was conducted by ET and the Contractor on the status of chemical and fuel storage on site. No chemical storage near polluted location was identified (**Figure 6**). In addition, the diesel drum stored on site are in good condition and protected by drip trays. No leakage or spillage was observed (**Figure 7 to 8**).

On 25 September 2025, joint site inspection was conducted by ET, EPD, and the Contractor to inspect the location where oil signs were reported by EPD and No oil sheen was found at the location where oil signs were identified as reported by EPD (**Figure 9 to 11**). The joint inspection location was designated by EPD in **Figure 12** in Photo Records. A patch of oil stain was identified during the inspection, and the location is given in **Figure 13** in Photo Records. The location of identified oil stains was not within proximity of the project sites. No source of oil leakage was identified.

Photo Records

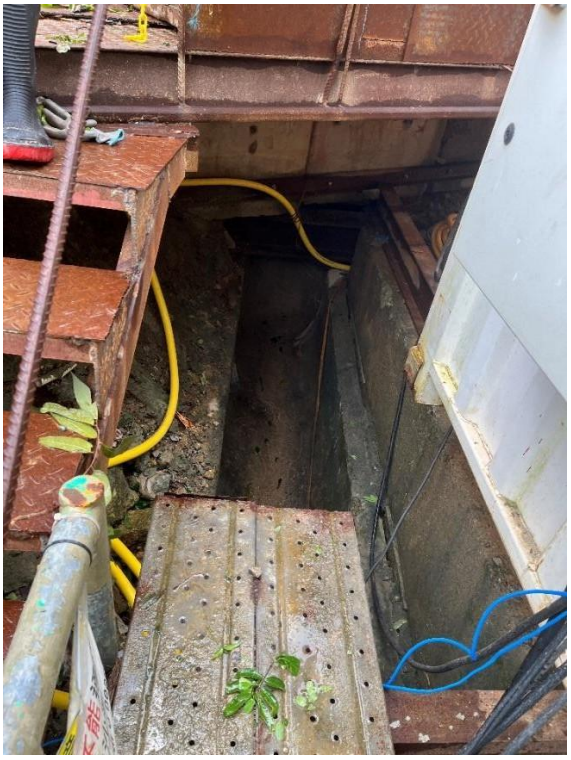
Date	Status / Observation
15 September 2025	**Figure 1: Proper storage of diesel drum on 15 September 2025 (before the complaint)**

Date	Status / Observation
--	 **Figure 2: Active Site Location**
17 September 2025	ET conducted an unannounced inspection on 17 September 2025. Oil stains were identified.  **Figure 3: Inspected locations**

Date	Status / Observation
17 September 2025	 **Figure 4: The location of the pollution found**
17 September 2025	 **Figure 5: Photo on Pollution found in Pui O Wetland**

Date	Status / Observation
18 September 2025	 **Figure 6: The storage location of the oil drums**
18 September 2025	Diesel fuel drums were stored in a proper manner, and no signs of leakage were detected in the generator set. **Figure 7: Proper storage of diesel drum on 18 September 2025**

Date	Status / Observation
18 September 2025	 **Figure 8: Proper storage of diesel drum on 18 September 2025**
25 September 2025	On 25 September 2025, a joint inspection was conducted by ET, EPD and Contractor to inspect the location where oil signs were reported by EPD. No source of oil leakage was identified at San Shek Wan Sewerage Treatment Works. **Figure 9: Photos of the joint site investigation conducted by ET, EPD, and the Contractor**

Date	Status / Observation
25 September 2025	The joint inspection location was designated by EPD. **Figure 10: Inspected locations**
25 September 2025	No oil sheen was found at the location where oil signs were identified as reported by EPD. Its location does not fall within the project site area.  **Figure 11: The location of oil sheen reported by EPD**

Date	Status / Observation
25 September 2025	Oil signs were identified during the site inspection. **Figure 12: The location of the pollution was found**
25 September 2025	**Figure 13: Pollution found in Pui O Wetland on 25 September 2025**

CONCLUSION

A complaint concerning an oil sheen was observed in the Pui O wetland, leading to plant withering. It was received on 16 September 2025 by the Environmental Protection Department (EPD). The complaint was then forwarded to the Environmental Team (ET), Independent Environmental Checker (IEC), and Drainage Services Department (DSD) on the same day. Engineer's Representative (ER) was informed on 17 September 2025

Subsequent inspections confirmed that the diesel drum stored within the Project Sites were properly stored (no irregular placement, or non-compliance issues), no leakage or spillage was observed.

After an unannounced inspection conducted by ET on 17 September 2025, joint site investigation conducted by ET and the Contractor on 18 September 2025, and a joint site investigation conducted by ET, EPD ,and the Contractor on 25 September 2025 ,and the subsequent site inspection was conducted by ET ,and the Contractor on the same day, the location where oil signs were detected is far from the Project Sites. Also, the diesel drums are properly stored on site with a drip tray, and no leakage was observed during site inspections before the complaint was received. Finally, no oil signs within the project sites were found during the site inspections conducted throughout the period of complaint investigation

Therefore, it was considered that the incident is not related to the Project.

RECOMMENDATIONS

Though the Contractor has properly stored the chemicals, Contractor is nonetheless reminded to carryout proactive measures to prevent the occurrence of similar situations.

The following measures should be implemented/maintained to prevent environmental impacts on the project and surrounding areas, and to respond to similar complaints promptly:

1. Checking of diesel drums storage conditions during the Contractor's daily site inspections to ensure no leakage observed, and are protected by a drip tray.
2. Regular inspection of fuel lines, seals, and connections for signs of wear or leakage and maintaining a spill containment system (e.g., drip trays or bunds) around the genset to contain any potential fuel leaks.
3. Staff training on chemicals storage, and procedure to response to spillage.
4. Should any chemical spillage occur, promptly report to DSD, ER, ET, and IEC on the incidents, and propose proper response actions.

ET Leader Signature :

Date : 16/10/2025

IEC Signature :

Date : 17/10/2025

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