


Environmental Complaint Form

RECEIPT OF COMPLAINT		Ref: ENPO-C0127
Date:	27 October 2017	
Time:	N/A	
Via:	EPD	
COMPLAINANT		
Name:	N/A	Address: N/A
Contact no.:	N/A	
DETAILS OF COMPLAINT		
Date:	20-27 October 2017 (approx.)	
Time:	N/A	
Parameter:	Water Quality	Other (specify): N/A
Description:	The complaint was about muddy water discharge from HZMB BCF Island works site. According to the complainant, this had continued for one week and occurred at C3 (HY/2013/03) site.	
INVESTIGATION RESULT & RESPONSE		
IEC and ER notified on:	27 October 2017	
Investigation conducted on:	30 October 2017	
Result of investigation:	<p>As informed by the Contractor of HY/2013/04, there was no ongoing discharge of wastewater from the HY/2013/04 site during the period described in the complaint.</p> <p>The Contractor has obtained a discharge licence under the WPCO for treatment and disposal of wastewater (Licence No. WT00028782-2017). The discharge licence and most recently-received results for monthly sampling under the licence are presented in Attachment 1.</p> <p>During ET's regular weekly site inspection on 23 October 2017, HY/2013/04 site shoreline interfacing with open waters was inspected. Land-based works at the shoreline for Box Culverts C and D were in progress. Bunds were provided near the shoreline to contain potential site runoff. No surface runoff was observed near the shoreline. Wastewater treatment facilities were provided near Box Culverts C and D to treat site runoff before discharge from the contract site. No discharge was observed at the discharge points or along the same shoreline interfacing with open waters. Silt curtain was provided at each box culvert for marine work areas. Photos of these mitigation measures are presented in Attachment 2. A location plan showing the discharge points is presented in Attachment 3.</p> <p>During the abovementioned site inspection, silty water was observed immediately outside the perimeter of a silt curtain for Box Culvert D, and the Contractor was reminded to inspect the silt curtain to ensure that its structural integrity is intact. Subsequently, the Contractor inspected the silt curtain to confirm its structural integrity and no silty water outside the silt curtain was observed. There were no other observations referring to water quality mitigation measures associated with that shoreline.</p>	
RECOMMENDATIONS / MITIGATION MEASURES / ACTIONS		
The Contractor is reminded to observe all conditions stated in the relevant discharge licence and implement all necessary water quality mitigation measures identified in the EM&A Manual.		
Prepared by:	Gary Chow	Title: Environmental Team Leader
Signature:		Date: 10 November 2017

ATTACHMENTS

- | |
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| <ol style="list-style-type: none">1. WPCO discharge licence and most recently-received results for monthly sampling under the licence.2. Photos of site mitigation measures on 23 October 2017.3. Location plan showing the discharge points. |
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Attachment 1

本署檔案
OUR REF: WT00028782-2017
來函檔案
YOUR REF:
電話
TEL. NO.: 2516 1810
圖文傳真
FAX NO.: 2960 1761
電子郵件
E-MAIL:
網址
HOMEPAGE: <http://www.epd.gov.hk>

**Environmental Protection Department
Environmental Compliance Division
Regional Office (South)**

2/F, Chinachem Exchange Square,
1 Hoi Wan Street,
Quarry Bay, Hong Kong.



**環境保護署
環保法規管理科
區域辦事處(南)**

香港鰂魚涌
海灣街一號
華懋交易廣場二樓

21 JUL 2017

BY REGISTERED POST

掛號郵件

**China State Construction Engineering (Hong Kong) Limited
P.O. Box No. 1003 at Tsuen Wan Post Office**



Dear Sir/Madam,
敬啟者：

Water Pollution Control Ordinance – North Western Water Control Zone

水污染管制條例 – 西北部水質管制區

Issue of Licence

發出排污牌照事宜

I refer to your application for the discharge/deposit from your premises. A licence pursuant to Section 20 is enclosed for your retention. Your attention is drawn to the details, terms and conditions of the licence and, particularly, to the sampling, treatment and disposal requirements for both trade effluent and sewage. You should also read the notes at the last page of the licence.

閣下就貴處所排放污水/沉積物而向本署遞交的牌照申請書(表格甲)已收悉。現寄上依據本條例第 20 條而簽發的牌照。敬請留意發牌的細則、條件及規定，尤須注意者，乃是有關工商業及生活污水取樣、處理及排放等事宜的各項規定。另請細閱牌照尾頁的附註。

If you are aggrieved by any of the terms and conditions, within 21 days after receipt of this Licence, you may appeal by lodging a notice of appeal under Section 29 in the prescribed manner and form to the Appeal Board.

倘若閣下對牌照內所載條件及規定有所不滿，可於收到本牌照後 21 天內，按本條例第 29 條的規定，以指定的方式及表格，向上訴委員會遞交上訴通知書，提出上訴。

The granting of this licence does not imply that the discharge/deposit from your premises has met the required standards as stipulated in the licence. You must take all necessary measures to ensure that the terms and conditions of the licence are being complied with.

閣下獲簽發此牌照，並非代表由貴處所排出的污水/沉積物已符合牌照規定的要求標準，你必須採取適當措施以確保能遵守牌照條款。

Should you have any query, please feel free to contact our staff at 2516 1891.

如有疑問，請致電 2516 1891 與本署職員聯絡。

Yours faithfully,

(POON Ming-wa, Walter)
Environmental Protection Officer
for Director of Environmental Protection



Licence No.: WT00028782-2017
牌照編號 : WT00028782-2017

This Licence is Valid to : 31/07/2022
本牌照有效期至 : 二零二二年七月卅一日

ENVIRONMENTAL PROTECTION DEPARTMENT

環境保護署

WATER POLLUTION CONTROL ORDINANCE (CAP. 358)

水污染管制條例(第358章)

LICENCE PURSUANT TO SECTION 15/20/23A*

按第15 / 20 / 23A*條簽發的牌照

The Director of Environmental Protection ("the Authority") grants this licence under the Water Pollution Control Ordinance ("the Ordinance") on the terms and conditions stated below.

環境保護署署長(「監督」)按下列的條款及條件, 根據水污染管制條例(「本條例」)批給此牌照。

19/7/2017

Date

日期

(POON Ming-wa, Walter)

For the Authority

監督 (潘明燁 代行)

PART A 甲部 : GENERAL TERMS 一般條款

Name of Licensee ("the Licensee") 持牌人名稱(「持牌人」)	China State Construction Engineering (Hong Kong) Limited 中國建築工程(香港)有限公司
Discharge Premises ("the premises") 排放處所(「處所」)	Construction Site of Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities – Infrastructure Works Stage II (Southern Portion) (Highways Department Contract no. HY/2013/04)
Water Control Zone 水質管制區	North Western Water Control Zone 西北部水質管制區
Discharge Category 排放種類	Discharge of industrial trade effluent 工業污水排放
Nature of Discharge and Wastewater Treatment Facilities 排放性質及廢水處理設施	Effluent, surface run-off, and all other wastewater discharges from the premises 上址排放的污水, 地面徑流水及其他的廢水 Sedimentation tank 沉澱池
Discharge Point(s) 排放點	Discharge into inshore waters 排放入沿岸水域
Sampling Point(s) 取樣點	Sampling point(s) at discharging outlet(s) of the premises 取樣點位於上址的出水口

*Delete as appropriate
將不適用者刪去

PART B 乙部 : SPECIFIC CONDITIONS 特別條件

B1. Limitations on Discharge 排放限制

The quantity and composition of any discharge from the premises shall not exceed the limits stated in the table below^(Note a). All figures are upper limits unless otherwise indicated. All units are expressed as concentration in milligramme per litre unless otherwise stated.

任何源自處所之排放的量和成份不得超過下表所列的限度^(附註 a)。除另予表明外，所有數字均為上限。除另予說明外，所有單位均以毫克/升的濃度表示。

Determinand 測量物	Limit 限度
Flow Rate (m ³ / day) 流量(立方米/日)	4800
pH (pH units) 酸鹼值 (pH 單位)	6-9
Suspended Solids 懸浮固體	30
Chemical Oxygen Demand 化學需氧量	80

B2. Self-monitoring and Reporting 自行監測及報告

☐ The Licensee shall perform self-monitoring as and when required by the Authority.

持牌人須在監督要求時進行自行監測。

☒ The Licensee shall sample the discharge at the Sampling Point(s) and, at his own expense carry out analyses in accordance with the sample type and measurement frequency specified for each determinand named below:-

持牌人須在取樣點為排放抽取樣本，並依照下列指定的測量物、取樣形式及頻率，自資予以分析。

Determinand 測量物	Unit 單位	Sample Type 取樣形式	Frequency 頻率
Suspended Solids 懸浮固體	mg/L 毫克/升	Grab 隨意取集	Monthly 每一個月一次

Results of these monitoring shall be summarized in a report on a Monthly/~~Bi-monthly~~/~~Quarterly~~/~~Yearly~~* basis and shall be submitted to the Authority.

所有監測結果須以摘要形式，每一個月/~~兩個月~~/~~三個月~~/~~年~~*作出報告，並須呈交監督審閱。

*Delete as appropriate
將不適用者刪去

PART C 丙部 : STANDARD CONDITIONS 標準條件

C1. The Discharge 排放

- C1.1 The discharge shall not contain polychlorinated biphenyls (PCB), polyaromatic hydrocarbon (PAH), fumigant, pesticide or toxicant, chlorinated hydrocarbons, flammable or toxic solvents, calcium carbide; any substance likely to damage the sewer or to interfere with any of the treatment processes, or to be harmful to the health and safety of any personnel engaged in the operation or maintenance of a sewerage system; waste liable to form scum or deposits in any part of the drainage or sewerage system, or the waters of Hong Kong; waste liable to form discolouration in any parts of the waters of Hong Kong; sludge, floatable substances or solids larger than 10 mm; and sludge or solid refuse of any kind.

排放不得含有多氯聯苯、聚芳烴、薰蒸劑、殺蟲劑或毒劑、氯化烴、可燃的或有毒的溶劑、碳化鈣；會損毀污水渠結構或干擾任何處理程序的物質，或有損操作及維修排污系統人員健康及安全的任何物質；足以及在排水或排污系統，或香港水域任何範圍內形成浮渣或沉積物的廢物；足以及在香港水域任何範圍內形成變色的廢物；污泥、漂浮物質或體積超越 10 毫米的固體；及任何種類的污泥或固體垃圾。

- C1.2 No discharge shall bypass the wastewater treatment facilities, the Sampling Point(s) or the Discharge Point(s) unless it is unavoidable to prevent loss of life, personal injury or severe property damage or no feasible alternative exists.

除非避免人命傷亡或嚴重財物損失或無其他可行代替辦法，排放不得繞流不經其廢水處理設施，取樣點或排放點。

- C1.3 Dilution of the discharge to achieve compliance with the limits contained in this licence is prohibited. 不得將排放稀釋，以求達到本牌照內所訂的限度。

C2. Flow Measurement 量度流量

The Licensee shall determine the flow rate of the discharge by installing, operating and maintaining a continuous flow measuring device with an accuracy certified by its manufacturer to be within plus or minus 3 percent of the actual flow, and calibrating the flow measuring device regularly according to manufacturer's recommendations. If no such device is installed, the Licensee shall determine the flow rate through using calculation methods agreed by the Authority, by making reference to the amount of water used in the premises being served by mains supply and other sources, less process consumption and any other losses.

持牌人必須設置、操作及保養一個連續性流量計作為測定排放的流量率之方法，其準確程度須經製造商證實為不超逾或低於真正流量的 3%，並應根據製造商建議的方法，定期校準流量計。如沒有設置該設備，持牌人須依照監督同意的計算方法，根據處所由自來水及其他水源供應的總用水量減去工序耗水量及其他耗水量來測定流量率。

C3. Treatment 處理

- C3.1 The Licensee shall provide necessary wastewater treatment facilities, and shall engage personnel with adequate qualification and experience to properly operate and maintain all wastewater treatment facilities at all times. Standby equipment shall be provided to guard against failure of major treatment equipment.

持牌人須提供必需的廢水處理設施，並須僱用有足夠資格及經驗的人士，時常妥善操作及保養所有廢水處理設施。主要處理設施須配有後備裝置，以應付故障發生。

- C3.2 In the event of loss of efficiency of operation, or failure of all or part of the wastewater treatment facility, the Licensee shall take all reasonable steps to the extent necessary to maintain compliance with this licence. Such steps shall remain until operation of the wastewater treatment facility is restored or an alternative method of treatment is provided.

倘若部份或整個廢水處理設施操作失靈或發生故障，持牌人須採取所有必要的合理措施，以求達到符合本牌照的規定。此等措施須維持至廢水處理設施恢復如常操作或有其他代替的處理方法可供採用為止。

- C3.3 If the wastewater treatment facilities are not properly operated and maintained to the satisfaction of the Authority, the Licensee shall take immediate and effective remedial actions as required by the Authority.

倘若廢水處理設施的操作及保養未能令監督滿意，持牌人須按監督之規定，採取即時及有效的補救行動。

C4. Disposal 棄置

Sludges, screenings, solids, oil and grease, filter backwash, or other pollutants removed in the course of treatment shall be disposed of in a proper manner^(Note b & c).

處理過程中所產生的污泥、隔濾物、固體、油脂、過濾器回洗或其他污染物，必須妥善地棄置^(附註 b 及 c)。

C5. Monitoring 監測

- C5.1 The Licensee shall provide and maintain suitable facility such as an inspection chamber, manhole or sampling valve at each Sampling Point to enable duly authorized officer(s) of the Authority to take samples of the discharge at any time from the premises.

持牌人須在每一個取樣點提供及保養適當的設施，例如檢查槽，沙井或取樣閥，以確保獲監督授權的人員隨時可在處所內抽取排放樣本。

- C5.2 For self-monitoring, “grab samples” shall be taken during the period when the determinand to be analyzed for is likely to be present in its maximum concentration. “Composite samples” shall include samples taken over daily duration of the discharge.

在自行監測中，「隨意取集樣本」須在測量物的濃度很可能是最高的那段時間內抽取。「綜合樣本」須包含在每日排放期間不同時候所抽取的樣本。

- C5.3 For self-monitoring, all samples shall be analyzed in accordance with the most updated analytical methods used by the Government Chemist (Note d).

在自行監測中，所有樣本均須按照政府化驗師所採用的最新分析方法予以分析（附註 d）。

C6. Records and Reporting 紀錄及報告

- C6.1 The Licensee shall keep the following records in the premises for inspection by duly authorized officer(s) of the Authority:

持牌人須在處所內保存下列紀錄，以備獲監督授權的人員隨時查閱：

- (i) records of flow rate, nature and composition of the discharge;
排放流量率、性質及成份的紀錄；
- (ii) updated records of all monitoring information, including all laboratory analytical results relating to samples taken, all original chart recordings for continuous flow and pH monitoring; and
所有最新監測資料的紀錄，包括所有關於已取樣本的檢驗分析結果、所有連續性流量及酸鹼值監測記錄圖表的正本；及
- (iii) records of all desludging and degreasing operation, and records of corresponding disposal operation.
所有清除污泥和清理隔油池廢物工序的紀錄，及其棄置工序的紀錄。

Copies of all such records shall be submitted to the Authority upon request.

在監督要求時，須向監督呈交所有該等紀錄的副本。

- C6.2 The Licensee shall notify and explain to the Authority within 24 hours upon the occurrence of an accidental discharge or any emergency bypass or an overflow of untreated effluent or an operation upset which places the discharge in a temporary state of non-compliance with this licence. The Licensee shall within 7 days following the incident, submit to the Authority a detailed report in writing on the cause and duration of the non-compliance and steps taken or to be taken to reduce, eliminate, or prevent recurrence of such non-compliance. Reporting in accordance with this Condition does not relieve the Licensee of any obligations imposed by this licence.

倘若有未經處理的污水意外排放、緊急繞流或溢滿的事件或操作失靈，引至排放出現短暫不符合牌照規定的情況，持牌人須在事發後 24 小時內通知監督並予以解釋。持牌人須在事故發生後 7 天內，以書面報告，詳述事件的起因、違反牌照條件的時間及為減少、消除或防止類似事件再次發生所採取或將會採取的措施，送交監督審閱。然而，按照本條件的規定提交報告並不表示持牌人可獲免除承擔本牌照內所載的任何責任。

C7. Operation Manual 操作手冊

The Licensee shall prepare an operation manual which shall include, as a minimum, operating procedures, inspection programme and repair and maintenance programme for the wastewater treatment facilities. The operation manual shall be kept at the aforesaid wastewater treatment facilities and a copy of the manual shall be submitted to the Authority upon request.

持牌人須擬備廢水處理設施的操作手冊。手冊內容須最低限度包括操作程序、檢查、維修及保養工作計劃表。該手冊須保存在上述廢水處理設施內。持牌人須在監督要求時，呈交手冊副本乙份。

C8. Notification of Change 更改通知

The Licensee shall notify the Authority in writing within 14 days of any changes or proposed changes in the processes of manufacture or the nature of the raw materials used or of any other circumstances which may alter the nature and composition of the discharge or may result in the permanent cessation of the discharge.

倘若持牌人更改或擬更改其生產程序、或所用原料的性質、或有其他足以改變其排放的性質及成份或可導致永久性終止排放的事情，必須在 14 日內以書面通知監督。

- (a) For the purposes of determining compliance with the limits stated in Specific Condition B1, samples shall be taken by the duly authorized officer(s) of the Authority at the Sampling Point(s) or any other points from which the samples so taken are regarded by the Authority as being representative of the quality of the discharge. When any single sample analyzed for a determinand is proved not complying with corresponding limit set out in the table, the discharge is deemed to have failed to comply with Specific Condition B1.
為確定排放是否符合特別條件第 B1 項內所列的限度，獲監督授權的人員須在取樣點或在監督認為可以抽取到具代表性的樣本的任何其他位置抽取樣本。只要在任何一個經分析的樣本中，證實任何一個測量物不符合表中所列的相應限度時，排放即被視為不符合特別條件第 B1 項。
- (b) An example of proper disposal method for sludge is sending dewatered sludge to landfill for disposal.
妥善棄置污泥方法中的一個例子是將脫水後的污泥運往堆填區棄置。
- (c) Proper disposal of grease trap waste includes but is not limited to employing any reputable firm or collector who will use the right equipment and dispose of the collected grease trap waste at West Kowloon Transfer Station. The updated list of grease trap waste collectors who are using the disposal service at West Kowloon Transfer Station is maintained in the EPD website and Green Restaurant website.
妥善的隔油池廢物棄置方法包括卻不限於聘用任何信譽良好的公司／收集商使用適當的設備在西九龍廢物轉運站棄置所收集的隔油池廢物。環保署網站及環保食肆網均載有目前使用西九龍廢物轉運站棄置隔油池廢物的收集商最新名單。
- (d) The Licensee may make reference to Annex 1 of the <Technical Memorandum on Effluent Standards> for analytical methods used by the Government Chemist.
持牌人可參照「流出物標準技術備忘錄」附件 1 有關政府化驗師所採用的分析方法。
- (e) The Licensee shall keep this licence in the premises and make it available at all times for inspection by duly authorized officer(s) of the Authority.
持牌人須在處所內保存此牌照，以備獲監督授權的人員隨時查閱。
- (f) (i) The Licensee shall allow duly authorized officer(s) of the Authority to enter the premises for the purposes of inspection, sampling, records examination or any other duties authorized by Section 37 and Section 38 of the Ordinance.
持牌人須准許獲監督授權的人員進入處所內進行檢查、抽取樣本、審查紀錄或執行其他根據本條例第 37 及第 38 條所授權的職務。
(ii) Where the premises has security measures in force which would require proper identification and clearance before entry, the Licensee shall make necessary arrangements such that upon presentation of evidence of identity and of authorization, duly authorized officer(s) will be permitted to enter, without delay, for the purposes of performing duties.
倘若由於處所的保安理由而需先行鑑定來人的身份，持牌人必須作出必要的安排，以便獲授權人員在出示身份證明及授權文件後，即可內進執行其職務而不致受延誤。
- (g) (i) For a licence granted under Section 15 of the Ordinance, the Licensee may, not less than 2 months before expiry of the licence, apply under Section 19 of the Ordinance for a new licence. The Authority may grant the licence or otherwise.
持有根據本條例第 15 條所批給牌照的人士，可於牌照屆滿前不少於 2 個月內，根據本條例第 19 條的規定，申請一面新牌照。監督可批給或拒絕批給牌照。
(ii) For a licence granted under Section 20 or 23A of the Ordinance, the Licensee may, not more than 4 months and not less than 2 months before expiry of the licence, apply under Section 23 or 23A respectively of the Ordinance for renewal of licence. The Authority may renew the licence or otherwise.
持有根據本條例第 20 條或第 23 A 條所批給牌照的人士，可於牌照屆滿前不多於 4 個月及不少於 2 個月內，根據本條例的第 23 或 23 A 條的規定，申請牌照續期。監督可將牌照續期或拒絕將牌照續期。
- (h) Under Section 24 of the Ordinance, the Authority may by notice in writing, impose new or amended terms and conditions on this licence or cancel this licence. Under Section 25, 26 and 27 of the Ordinance, a Licensee whose licence has been so varied or cancelled may be entitled to compensation.
根據本條例第 24 條的規定，監督可以書面通知，向本牌照施加新訂或經修訂的條款及條件，或取消本牌照。根據本條例第 25、26 及 27 條的規定，被更改或取消牌照的持牌人可能會獲得補償。
- (i) Under Section 28 of the Ordinance, the Licensee may apply to the Authority for a variation of this licence.
根據本條例第 28 條的規定，持牌人可向監督申請更改本牌照。
- (j) Under Section 49 of the Ordinance, this licence shall not be construed as a dispensation from the requirements of any other Ordinance except where that other Ordinance so provides.
根據本條例第 49 條的規定，本牌照並不得解釋為豁免符合任何其他條例的規定，除非該其他條例如此訂定。



TEST REPORT

Environmental Testing of Water & Wastewater

Report No. : ENA76197
Date of issue : 19 October 2017
Page No. : 1 of 1

Information provided by Customer

Customer name : China State Construction Engrg (Hong Kong) Ltd
Customer address : 29/F, China Overseas Building, 139 Hennessy Road, Wanchai, Hong Kong
Sample Source : Contract No. HY/2013/04 : Hong Kong-Zhuhai-Macao Hong Kong Boundary Crossing Facilities - Infrastructure Works Stage II (Southern Portion) (CDG)
Sample Type : Wastewater
Date of sampling : 12 October 2017
Sample Description : The sample was collected by the Customer.
The sample was stored in 1L plastic bottle (for pH and Total Suspended Solids) and 500ml plastic bottle (for Chemical Oxygen Demand). The sample was chilled after received. Sample for Chemical Oxygen Demand was preserved by adding conc H₂SO₄ to pH<2.

Laboratory information


Date Received : 12 October 2017

Result


Customer Sample ID	Lab Ref No	Test	Method Used	Result	Date Tested
Box C	W39991 (01)	pH	In house method TPE/003/W	7.1 (at 20°C)	12 October 2017
		Total Suspended Solids	In house method TPE/006/W	<2 mg/L *	14 October 2017
	W39991 (02)	Chemical Oxygen Demand	In house method TPE/002/W	<10 mgO ₂ /L	16 October 2017

Remark (if any) : (*) 500ml sample was used for Total Suspended Solids analysis. PQL of Total Suspended Solids reported less than 2 mg/L.

Checked by :


LAW, Sau Yee
(Senior Chemist)

Approved Signatory :


LAU, Chi Leung

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- END OF REPORT -



TEST REPORT

Environmental Testing of Water & Wastewater

Report No. : ENA76198
Date of issue : 19 October 2017
Page No. : 1 of 1

Information provided by Customer

Customer name : China State Construction Engrg (Hong Kong) Ltd
Customer address : 29/F, China Overseas Building, 139 Hennessy Road, Wanchai, Hong Kong
Sample Source : Contract No. HY/2013/04 : Hong Kong-Zhuhai-Macao Hong Kong Boundary Crossing Facilities - Infrastructure Works Stage II (Southern Portion) (CDG)
Sample Type : Wastewater
Date of sampling : 12 October 2017
Sample Description : The sample was collected by the Customer.
The sample was stored in 1L plastic bottle (for pH and Total Suspended Solids) and 500ml plastic bottle (for Chemical Oxygen Demand). The sample was chilled after received. Sample for Chemical Oxygen Demand was preserved by adding conc H₂SO₄ to pH<2.

Laboratory information

Date Received : 12 October 2017

Result

Customer Sample ID	Lab Ref No	Test	Method Used	Result	Date Tested
Box D	W39991 (03)	pH	In house method TPE/003/W	6.6 (at 20°C)	12 October 2017
		Total Suspended Solids	In house method TPE/006/W	<2 mg/L *	14 October 2017
	W39991 (04)	Chemical Oxygen Demand	In house method TPE/002/W	<10 mgO ₂ /L	16 October 2017

Remark (if any) : (*) 500ml sample was used for Total Suspended Solids analysis. PQL of Total Suspended Solids reported less than 2 mg/L.

Checked by :

LAW, Sau Yee
(Senior Chemist)

Approved Signatory :

LAU, Chi Leung

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- END OF REPORT -

Attachment 2

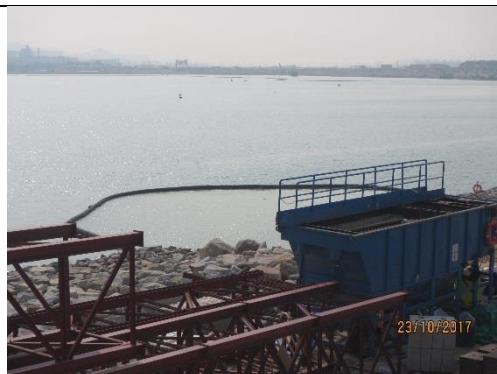
**Photo record of site mitigation measures
during weekly environmental site inspection on 23 October 2017**



1. Bunds provided to contain potential surface runoff near the shoreline. No surface runoff was observed.



2. Wetsep provided near Box Culverts C and D to treat site runoff before discharge from the contract site. No discharge was observed at the discharge points or along the same shoreline interfacing with open waters.



3. Silt curtains provided for marine work areas at Box Culverts C and D.

Attachment 3

THE LAYOUT PLAN FOR THE SITE HAUL ROAD

