

本署檔號  
OUR REF: ( ) in Ax(1) to EP2/N7/Q/92 Pt.2  
來函檔號  
YOUR REF: 5207869/20.10/O353/WL/DL/SW/JC/1  
電話  
TEL. NO.: 2835 1142  
圖文傳真  
FAX NO: 2591 0558  
電子郵件  
E-MAIL: [cwma@epd.gov.hk](mailto:cwma@epd.gov.hk)  
網址  
HOMEPAGE: <http://www.epd.gov.hk>

**Environmental Protection  
Department  
Branch Office**

28th Floor, Southorn Centre,  
130 Hennessy Road,  
Wan Chai, Hong Kong.



環境保護署分處  
香港灣仔  
軒尼詩道  
一百三十號  
修頓中心廿八樓

27 June 2023

**By Fax: 2714 2054**

Civil Engineering and Development Department  
4/F, Civil Engineering and Development Building,  
101 Princess Margaret Road,  
Homantin, Kowloon.  
(Attn: Mr. CHIK Kan-to)

Dear Mr. CHIK,

**Pier Improvement at Lai Chi Wo  
Environmental Permit (EP) No. EP-586/2021  
Condition 4.1-Submission of Proposal for  
Change of Environmental Monitoring & Audit (EM&A) Requirements**

I refer to your consultant letter dated 9 June 2023 and your subsequent email of 23 June 2023 enclosing the captioned Proposal seeking our approval on the following changes on the EM&A programme in accordance with the Condition 4.1 of EP-586/2021:

- (a) suspension of the monthly EM&A reporting until the commencement of construction works for the main pier works scheduled in April 2024 tentatively;
- (b) completion of 1 year post-translocation monitoring on the translocated corals in the recipient site; and
- (c) additional post-translocation monitoring on the translocated corals will not be required.

After reviewing the information contained in your Proposal, we consider the proposed changes on the EM&A programme are acceptable to us.

Please be advised that we will place the Proposal into the EIAO Register and EIAO website for public information. Meanwhile, you should also place the Proposal at your dedicated Internet website as per the Condition 5.2 of EP-586/2021.

Should you have any queries, please contact Ms. Trista LAU at 2835 1152.

Yours sincerely,

(Dr. Billy CW MA)

Senior Environmental Protection Officer  
for Director of Environmental Protection

c.c.

AFCD

Atkins/RSS

Atkins/ET Leader

WAL/IEC

(Attn: Ms. Chole NG)

(Attn: Mr. Sean WONG)

(Attn.: Ms. Grace YANG)

(Attn: Mr. Morgan CHENG)

Fax: 2377 4427

Fax: 2890 6343

Fax: 2890 6343

Fax: 3422 8117

Your ref. -  
Our ref 5207869/20.10/O353/WL/DL/SW/JC/fl  
Date 9 June 2023

## By Post and Email

Environmental Protection Department  
Environmental Assessment Division  
Strategic Assessment Group  
Sheung Shui, Fanling, Tai Po Section (6)  
27th floor, Southern Centre,  
130 Hennessy Road,  
Wan Chai, Hong Kong

Attn: Ms. LAU Tai, Trista  
Env Protection Offr (Strategic Assessment) 61

Dear Madam,

**Agreement No. CE 32/2021 (CE)**  
**Improvement Works at Lai Chi Wo Pier and Tung Ping Chau Public Pier**  
**– Design and Construction**  
**Environmental Permit No. EP-586/2021**  
**Submission of Proposal for Change of EM&A Requirement**

Pursuant to EP-586/2021 Condition 4.1, we hereby submit the certified proposal for change of EM&A Requirement for approval. This proposal has been verified by IEC accordingly.

The previous letter with ref. 5207869/20.10/O347/WL/DL/SW/JC/fl is superseded.

Should you have any queries regarding the above, please feel free to contact our Ms. Grace Yang (Email: [Grace.Yang@atkinsglobal.com](mailto:Grace.Yang@atkinsglobal.com)) at 2972 1173 or Mr. Joe Chiu (Email: [Joe.Chiu@atkinsglobal.com](mailto:Joe.Chiu@atkinsglobal.com)) at 2972 1119.

Yours faithfully,  
For and on behalf of  
Atkins China Ltd



**Sean Wong**  
Deputy Project Manager

Response required	Yes
Due date	ASAP
Attachment	1. ET's Certified Proposal for Change of EM&A Requirement; and 2. IEC's Verification Letter.

cc CEDD/CEO Mr. CHIK Kan To (Project Coordinator /Projects 3 A) (w/o)



Member of the SNC-Lavalin Group

<b>Our ref</b>	5207869/20.10/O353/WL/DL/SW/JC/fl
<b>Title:</b>	Environmental Permit No. EP-586/2021 Submission of Proposal for Change of EM&A Requirement
<b>Date</b>	9 June 2023

# **Attachment 1 - ET's Certified Proposal for Change of EM&A Requirement**

Your ref. -  
 Our ref 5207869/20.10/OC352/WL/DL/SW/JC/fl  
 Date 6 June 2023

## By Email

Wilson Ho and Associates Limited  
 Unit 601, 6/F, Block A  
 Shatin Industrial Centre  
 5-7 Yuen Shun Circuit  
 Shatin, N.T.

Attn: Mr. Morgan CHENG

Dear Sir,

**Agreement No. CE 32/2021 (CE)**  
**Improvement Works at Lai Chi Wo Pier and Tung Ping Chau Public Pier**  
**– Design and Construction**  
**Environmental Permit No. EP-586/2021**  
**EP Condition 4.1 – Change of EM&A Requirements**

As informed by Civil Engineering and Development Department (CEDD), i.e., the Permit Holder, the construction works for the Pier Improvement at Lai Chi Wo (LCW) will be postponed to April 2024. CEDD will notify the Director of Environmental Protection (DEP) the actual commencement of the construction works in due course.

As reported in the Monthly EM&A Report for March 2022 and the subsequent submissions up to date, Site Investigation (SI) works have been completed in March 2022. Since then, impact monitoring works as set out in the Environmental Monitoring and Audit (EM&A) Manual, including water quality monitoring, seagrass bed monitoring, and regular environmental site inspections have been suspended due to the absence of any construction activities associated with the pier improvement works. Details of the conducted impact monitoring works as part of the EM&A programme are summarised in **Table 1** below. No complaint / prosecution records against the Project have been received since the commencement of construction (i.e. SI works) in February 2022.

**Table 1: Summary of Conducted Impact Monitoring Works of EM&A Programme**

Impact Monitoring	Relevant Section in EM&A Manual	Location	Frequency	Monitoring Period	Status
Water Quality, incl. Dissolved oxygen (DO), DO saturation (DO%), temperature, turbidity, salinity, pH and suspended solids (SS)	S7.8.1.1	WM1, WM2, C1, C2	3 days per week	22 Feb - 15 Mar 2022	Suspended since 16 Mar 2022.
Seagrass Bed	S10.3.1.6	Lai Chi Wo Beach SSSI	Monthly (weekly during the first 2 weeks of construction phase and start of piling works)	28 Feb - 14 Mar 2022	Suspended since 15 Mar 2022.

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 Date 6 June 2023

Impact Monitoring	Relevant Section in EM&A Manual	Location	Frequency	Monitoring Period	Status
Environmental Site Inspection, incl. air quality, noise, waste management and landscape and visual	S14.1.1.3	Project Area	Weekly (twice a month for landscape and visual)	28 Feb - 14 Mar 2022	Suspended since 15 Mar 2022.

Quarterly coral post-translocation monitoring was conducted after completion of the coral translocation in January 2022, and the monitoring results were included in the respective Monthly EM&A Reports. The last quarterly coral post-translocation monitoring has been completed in January 2023. A summary of the four coral post-translocation monitoring events and main results including those of January 2023 was presented in the Monthly EM&A Report for January 2023 (also see **Table 2** below).

**Table 2: Summary of Size, Condition, Mortality, Bleaching and Sediment of Four Translocated Coral Colonies (April 2022 – January 2023)**

Coral No.		1	2	3	4
Species		<i>Porites lutea</i>	<i>Leptastrea purpurea</i>	<i>Cyphastrea serailia</i>	<i>Porites lutea</i>
Baseline (27 and 28 Jan 2022)	Size (cm) – Max. Diameter	35	25	20	20
	Condition	Good	Good	Good	Good
	Mortality (%)	0	0	0	0
	Bleaching (%)	0	0	0	0
	Sediment (%)	0	0	0	0
1 <sup>st</sup> Post-translocation Monitoring (27 Apr 2022)	Size (cm) – Max. Diameter	35	25	20	20
	Condition	Good	Good	Good	Good
	Mortality (%)	0	0	0	0
	Bleaching (%)	0	0	0	0
	Sediment (%)	0	0	0	0
2 <sup>nd</sup> Post-translocation Monitoring (27 Jul 2022)	Size (cm) – Max. Diameter	35	25	20	20
	Condition	Good	Good	Good	Good
	Mortality (%)	0	0	0	0
	Bleaching (%)	0	0	0	0
	Sediment (%)	0	0	0	0
3 <sup>rd</sup> Post-translocation Monitoring (24 Oct 2022)	Size (cm) – Max. Diameter	35	25	20	20
	Condition	Good	Good	Good	Good
	Mortality (%)	0	0	0	0
	Bleaching (%)	0	0	0	0
	Sediment (%)	0	0	0	0
4 <sup>th</sup> Post-translocation Monitoring (27 Jan 2023)	Size (cm) – Max. Diameter	40	29	25	27
	Condition	Good	Good	Good	Good
	Mortality (%)	0	0	0	0
	Bleaching (%)	0	0	0	0
	Sediment (%)	0	0	0	0

**Our ref** 5207869/20.10/O352/WL/DL/SW/JC/fl  
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Since construction works for the Pier Improvement at LCW have been postponed, and there will be no associated construction activities on site before resumption of the works, it is proposed to suspend the EM&A programme as set out in the EM&A Manual after the submission of Monthly EM&A Report for May 2023. Whilst additional coral post-translocation monitoring is considered not necessary (subject to DEP's acceptance), Monthly EM&A reporting will also be suspended after acceptance of the Monthly EM&A Report for May 2023. The EM&A programme (including the Monthly EM&A reporting) will be resumed accordingly upon commencement of the construction works, tentatively in April 2024.

Pursuant to Condition 4.1 of EP No. EP-586/2021, we would like to seek your verification of the proposed change of EM&A programme.

Should you have any queries regarding the above, please feel free to contact our Ms. Grace Yang (Email: [Grace.Yang@atkinsglobal.com](mailto:Grace.Yang@atkinsglobal.com)) at 2972 1173 or Mr. Joe Chiu (Email: [Joe.Chiu@atkinsglobal.com](mailto:Joe.Chiu@atkinsglobal.com)) at 2972 1119.

**Yours faithfully,  
For and on behalf of  
Atkins China Ltd**



**Grace YANG  
Environmental Team Leader**

Response required N/A  
Due date N/A  
Attachment N/A

cc CEDD/CEO Mr. CHIK Kan To (Project Coordinator /Projects 3 A) (w/o)



Member of the SNC-Lavalin Group

<b>Our ref</b>	5207869/20.10/O352/WL/DL/SW/JC/fl
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Member of the SNC-Lavalin Group

<b>Our ref</b>	5207869/20.10/O353/WL/DL/SW/JC/fl
<b>Title:</b>	Environmental Permit No. EP-586/2021 Submission of Proposal for Change of EM&A Requirement
<b>Date</b>	9 June 2023

## **Attachment 2 - IEC's Verification Letter**



Unit 601, Block A, Shatin Industrial Centre,  
5 - 7 Yuen Shun Circuit, Shatin, NT  
Tel: (852) 3188-1170, Fax: (852) 3422-8117  
E-mail: who@wal.hk  
Web: www.wal.hk

**Our Ref: 21411-66**

By Email

7 June 2023

Civil Engineering and Development Department  
Civil Engineering and Development Building,  
101 Princess Margaret Road,  
Kowloon, Hong Kong

Attention: Mr. LEE Man-chow

**Subject: Agreement No. PI 2/2021 Independent Environmental Checker Services  
for Improvement Works at Lai Chi Wo Pier and Improvement Works at  
Tung Ping Chau Public Pier  
Verification of LCW Change of EM&A Requirements**

Dear Mr Lee,

We refer to the email on 6 May 2023 from Atkins China Limited about the change of EM&A requirements for main works at Lai Chi Wo Pier (Atkins's reference: 5207869/20.10/OC352/WL/DL/SW/JC/fl).

We have no comment and hereby verify the letter for the change of EM&A requirements as required under Condition 4.1 of the Environmental Permit (EP-586/2021).

Should you have any queries, please feel free to contact us by telephone number 2637-0623 or fax 3422-8117.

Yours sincerely

A handwritten signature in blue ink that reads "Morgan Cheng".

Morgan Cheng  
Independent Environmental Checker, Wilson Acoustics Limited

MC

Encl.

c.c. Civil Engineering and Development Department (Attn.: Mr. YUNG Chung Bun, Thomas)  
Environmental Protection Department (Attn.: Ms. LAU Tai, Trista)  
Atkins China Limited (Attn.: Mr. Sean Wong)