
**Appendix 9.7
Correspondences with MFC for Marine Disposal
Reservation**

Marine Fill Committee Secretariat
Fill Management Division
Civil Engineering & Development Dept
5/F Civil Engineering & Development Bldg.
101 Princess Margaret Road
Homantin, Kowloon

Our ref: SCL-COR-CM(SCLC)-GOV-1143

By Post & Fax (Fax no.: 2714 0113)

28 October 2009

Attn: Mr. S. M. Lai – Sr Engr/ Strategy 2

Dear Sir,

Shatin to Central Link
Disposal Requirements of Marine Deposits and Sediments from SCL Project Works

I write to inform you that the Preliminary Design of the Shatin to Central Link has been substantially completed in September 2009. As a result of design development of tunnel alignments and requirements for dredging along shorefronts and barging point locations, the amount of marine deposits / sediments generated from such works have been identified as follows:

Year	2011	2012	2013	2014	2015	Beyond 2015	Total
Type 1 - OS	0.08	0.10	0.06	0.06	0.2	0.50	1.00
Type 1 – OS (DS)	0	0.02	0	0	0	0	0.02
Type 2 - CMD	0.10	0.06	0.02	0	0.06	0.14	0.38

(Note: Figures in million m³ and also included the sediment from the portion of SCL works to be entrusted to CWB and WDII, which are expected to be carried out in year 2011 and beyond.)

The above sediment figures take cognisance of the programme change for SCL Phase 2 with increased output beyond 2015. However the overall volume of Type 1 and 2 sediments are now approximately 1.4 million m³ compared to the 1.9 million m³ as indicated in the quarterly report Disposal Requirements of Project for sediments for end July 2009 (copy attached). This considerable reduction is a result of our critical review of the SCL Immersed Tube Tunnel Section alignment that has achieved to minimise the extent of dredging in Victoria Harbour. Whilst the design of the SCL project will continue to be developed in the Detailed Design stage commencing from 2010, the above latest estimates will be adopted in the SCL Construction & Demolition Material Management Plan (C&DMMP) which is targeted for formal submission to PFC and MFC in November / December 2009 for endorsement and onward allocation of disposal sites.

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To: Mr. S. M. Lai – Sr Engr/ Strategy 2
Our Ref: SCL-COR-CM(SCLC)-GOV-1143
Date: 28 Oct 2009
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It is anticipated that Type 1 - OS, Type 1 - OS (DS) and Type 2 sediments generated from the SCL project will be disposed by Open Sea, Dedicated Sites at Open Sea and Confined Marine Disposal methods respectively. As sediment output will occur as early as 2011 after commencement of SCL and in view of the anticipated demands of sediment disposals from government and railway infrastructure projects concurrently, it is imperative that the disposal quota for SCL sediments can be secured as soon as possible. For SCL, this quota must also include the sediments generated from the works entrusted to CWB and WDII.

This letter serves to update you of the requirements of SCL sediment disposal and to seek your agreement in principle on the proposed volumes and disposal methodology for consideration of suitable disposal sites. The final volume and agreed arrangement will of course be subjected to the approval of the SCL Sediment Quality Reports which will be submitted in due course.

Yours faithfully,

A handwritten signature in black ink, appearing to be 'Stanley Keung', written over a horizontal line.

Stanley Keung
Construction Manager – SCLC

^{WL}
SK/LK/AP/ac

cc	CEDD	(Attn: Mr. Raymond Cheng/ Mr Eric Leung)	Fax No. 2714 0113
	RDO/HyD	(Attn: Mr. K. S. YEUNG)	Fax No. 2194 0147
	RDO/HyD	(Attn: Mr. Michael Leung)	Fax No. 2761 1508

From: Ng, LK Lap Kei
Sent: 29 July,2009 11:20 AM
To: 'escl4.rdo@hyd.gov.hk'
Cc: sescl3.rdo@hyd.gov.hk; Keung, Stanley Kwong Wing
Subject: RE: SCL - 7th MFC meeting - call for return on sediment disposal requirement
Attachments: MFC_table (July-09).doc

Dear Antony,

Please find attached the programme of sediment disposal of SCL for your information.

As you may aware, there are changes from previous report and the total quantity of sediment (Type 1 & 2) now is around 1.9 million cu.m. The changes are mainly due to updating of geological profile with the latest SI results and of the development of immersed tube tunnel construction programme.

Regards,
L K Ng

From: escl4.rdo@hyd.gov.hk [mailto:escl4.rdo@hyd.gov.hk]
Sent: 21 July,2009 4:08 PM
To: Keung, Stanley Kwong Wing
Cc: Lam, Albert Yau Hun; Ng, LK Lap Kei; sescl3.rdo@hyd.gov.hk
Subject: SCL - 7th MFC meeting - call for return on sediment disposal requirement

Dear Stanley

attached please find a form for your input regarding the programme of sediment disposal for SCL. Please kindly return by **noon 27.07.2009** for our further action. Thanks million.

Regards

Antony Wan Nam-fung
E/SCL(4), RDO, HyD
Tel: 2762 4034

Disposal Requirements of Project¹

Name of project: Shatin to Central Link

PWP Status:	051TR – Shatin to Central Link - Design and Site Investigation: Cat A HY0802 - Shatin to Central Link – Construction: Pre-Cat B _____ (Cat. A/B or others)	Current Progress:	The preliminary design of the project is scheduled for commencement in November 2008. The scheme design is anticipated to be completed to enable gazetting in Q3 2009. Construction is expected to start by the end of 2010. _____ (P/PD/FS/I&D/C) ²
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YEAR	Sediment disposal requirement as per ETWB TC(W) 34/2002 ³				Sandfill Requirement (in million m ³)
	(in million m ³)		(in-situ volume)		
	Type 1 - OS	Type 1 - OS(DS)	Type 2 - CMD	Type 3 - STD	
2 nd half of 2010					
1 st half of 2011	0.263		0.078		
2 nd half of 2011	0.263		0.078		
1 st half of 2012	0.335		0.113		
2 nd half of 2012	0.335		0.113		
1 st half of 2013	0.057		0.014		
2 nd half of 2013	0.057		0.014		
1 st half of 2014	0.038		0.022		
2 nd half of 2014	0.038		0.022		
1 st half of 2015	0.024		0.016		
2 nd half of 2015	0.024		0.016		
beyond 2015	0.006		0.008		

* Quantity and quality of the sediment will need to be evaluated upon SI completion and verified in the EIA Study.

¹ Please use separate sheet for different project.

² P=Planning, PD=Preliminary Design, FS=Feasibility Study, I&D=Investigation and Design, C=Construction

³ According to ETWB TC(W) 34/2002, Category L sediment will require Type 1 – Open Sea Disposal (Type 1 – OS), Category M sediment passing biological screening will require Type 1 – Open Sea Disposal (Dedicated Site) (Type 1 – OS(DS)), both Category M sediment failing biological screening and Category H sediment will require Type 2 – Confined Marine Disposal (Type 2 – CMD), and Category H sediment failing the biological dilution test will require Type 3 – Special Treatment Disposal (Type 3 – STD).

Marine Fill Committee Secretariat
Fill Management Division
Civil Engineering & Development Dept.
5/F Civil Engineering & Development Bldg.
101 Princess Margaret Road
Kowloon

Our ref: SCL-COR-CM(SCLC)-GEO-001198

Your ref:

By Post & Fax (Fax no. 2714 0113)

19 March 2010

Attn: Mr. S M Lai – Sr Engr/Strategy 2

Dear Mr. Lai,

Shatin to Central Link
Rationale for Sediment Removal

I refer to our meeting (CEDD/RDO/MTR) on 12 March 2010 and am pleased to enclose 3 separate documents entitled “Rationale for Sediment Removal” to cover the following specific areas in SCL.

1. Phase 1 Tai Wai to Hung Hom Section,
2. Phase 2 Entrusted Works to CWB in CBTS, and
3. Phase 2 Hung Hom to Admiralty Section (excluding Entrusted Works to CWB in CBTS)

Please note the above separate submissions will only replace the “SCL Rationale for Sediment” submitted on 17 November 2009 under ref. SCL-COR-CM(SCLC)-GOV-001157 whereas all our responses to your subsequent comments made in various stages on the same remain valid.

I look forward to your early agreement to the above submissions for my onward coordination with EPD.

Should you require any further information, please feel free to contact the undersigned at 3929-7333 or Mr. Aron Pang at 3929-7456.

Yours sincerely,



Stanley Keung
Construction Manager – SCLC

SK
SK/LK/AP/ac

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To: Mr. S M Lai – Sr Engr/Strategy 2
Our Ref: SCL-COR-CM(SCLC)-GEO-001198
Date: 19 March 2010
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Encl.

1. SCL Rationale for Sediment Removal (Phase 1 Tai Wai to Hung Hom Section)
2. SCL Rationale for Sediment Removal (Phase 2 Entrusted Works to CWB in CBTS)
3. SCL Rationale for Sediment Removal (Phase 2 Hung Hom to Admiralty Section, excluding Entrusted Works to CWB in CBTS)

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To: Mr. S M Lai – Sr Engr/Strategy 2
Our Ref: SCL-COR-CM(SCLC)-GEO-001198
Date: 19 March 2010
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Distribution

Mr. Raymond Cheng/Mr. Eric Leung
Civil Engineering and Development Department
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(Fax No. 2714 0113)

Mr. K W Cheung
Marine Fill Committee Secretariat
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Mr. K S Yeung
Highways Department
Railway Development Office
1st Floor, Ho Man Tin Government Offices
Chung Hau Street
Ho Man Tin
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(Fax No. 2194 0147)

Mr. Michael Leung
Highways Department
Railway Development Office
1st Floor, Ho Man Tin Government Offices
Chung Hau Street
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(Fax No. 2761 1508)

Mr. M Y Tang
Development Bureau
Works Branch
Works Policies and Infrastructural Projects Division
Works Policies 1 Section
Murray Building, Garden Road, Central, Hong Kong
(Fax No. 2524 9308)

To: Mr. S M Lai – Sr Engr/Strategy 2
Our Ref: SCL-COR-CM(SCLC)-GEO-001198
Date: 19 March 2010
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bcc

James Chow	PM-SCL/KTE-C	} w/ encl.
Clement Ngai	DM-SCL(NSL)	
Louis Lam	SDME-C	
Stanley Keung	CM-SCLC	
Henry Young	CM-SCLT	
L K Ng	SConE-C	
Lisa Poon	SEE	
Aron Pang	ConE I-C	

□

SCL-COR-CEDD-GEO-001312



Web site 網址 : http://www.ceed.gov.hk
E-mail 電子郵件: klwong@ceed.gov.hk
Telephone 電話 : 2762 5539
Facsimile 傳真 : 2714 0113
Our reference 本署檔號: (0EYP3-01) in FM 4/1C/70A
Your reference 來函檔號: SCL-COR-CM(SCLC)-GEO-001198

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Civil Engineering and
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101 Princess Margaret Road,
Kowloon, Hong Kong

Pt. 36

MTR Corporation Limited
9/F Citylink Plaza
1 Shatin Station Circuit, Shatin
New Territories, Hong Kong
(Attention: Mr. Stanley Keung)

13 April 2010

(Fax: 3929 3483)

Dear Mr. Keung,

**Shatin to Central Link (SCL)
Rationale for Sediment Removal**

I refer to your earlier letter ref SCL-COR-CM(SCLC)-GEO-001193 dated 19.2.2010, our subsequent meeting on 12.3.2010 and your above letter dated 19.3.2010 enclosing the dredging rationale for sediment removal in the following areas in SCL:

1. Phase 1 Tai Wai to Hung Hom Section,
2. Phase 2 Entrusted Works to CWB in CBTS, and
3. Phase 3 Hung Hom to Admiralty Section (excluding Entrusted Works to CWB in CBTS).

I have no further comment with respect to the dredging rationale for "Phase 1 Tai Wai to Hung Hom Section" and "Phase 2 Entrusted Works to CWB in CBTS".

However, based on our latest forecast of disposal demand of contaminated sediment, the capacity of the contaminated mud pits (CMP) in Hong Kong will be exhausted by 2015. As the majority quantity of M_p & M_f type sediment generated from SCL will be in 2015 and beyond from the area: "Phase 3 Hung Hom to Admiralty Section (excluding Entrusted Works to CWB in CBTS)", there will be no space available in our CMP for disposal by then. Hence, you are requested to re-examine all management options to keep the sediment in place and to explore in details all possible ex-situ treatment, disposal, beneficial reuse options and cross-boundary disposal if removal of sediment is unavoidable before the dredging rationale for "Phase 3 Hung Hom to Admiralty Section (excluding Entrusted Works to CWB in CBTS)" can be approved.

SCL-Civil (EWL) 14 APR 2010			
Subject File: SPOIL			
Name	Action	Copy	Info.
Stanley Keung			
L K Ng			
Aron Pang			
C Y Chan			
ALL			

Yours faithfully,

(KL WONG)

for Secretary, Marine Fill Committee
Civil Engineering and Development Department

c.c. RDO, HyD (Attn.: Mr. K S Yeung) Fax: 2194 0417
RDO, HyD (Attn.: Mr. Michael Leung) Fax: 2761 1508

KLW/
File: SCL MTRC dredging rationale CWB entrusted works @ 13 Apr 2010