
Appendix 7.4

**Email from CEDD/Consultant Confirming
Roughness of Coefficients (Ks)**

From: Choy, Tat Cheong Charles [<mailto:charles.choy@aecom.com>]
Sent: Wednesday, May 25, 2016 11:21 PM
To: Amber <amberwang@mlal.com.hk>
Cc: edmundchan@cedd.gov.hk; skng@cedd.gov.hk; moonshingman@hab.gov.hk; lamwkv@archsd.gov.hk; laur@archsd.gov.hk; Ho, Wai Luek Igor <igor.ho@aecom.com>; Au Yeung, Ho Shun Vincent <vincent.auyeung@aecom.com>; Tan, Sunny E. <sunny.tan@aecom.com>; mwlee@mlal.com.hk; rubywang@mlal.com.hk; 'MLAL' <office@mlal.com.hk>; 'Ks Lee' <ks.lee@cinotech.com.hk>
Subject: RE: SEWERAGE AND SEWAGE TREATMENT IMPLICATION for Kai Tak Multi-purpose Sports Complex - Draft Environmental Impact Assessment (EIA) Report

Dear Amber,

Please find our responses as follows:

1. Roughness coefficients (Ks) to be adopted for different pipes and conditions are as follows:
Ks = 0.6mm for vitrified clay pipes; Ks = 1.5mm for precast concrete pipes.

The layout and the gradient of the concerned pipes are attached for your reference. Please be noted that the pipes are under construction under CEDD Contract No. KL/2012/03 and they are still subject to change before the completion of the construction.

Siltation is not considered during our design of the sewers.

2. Please be confirmed that the infrastructure provisions by CEDD are able to cater for the updated sewage estimation of MPSC. However, we would be grateful if you could provide the breakdown of the updated sewage estimation of MPSC (i.e. sewage generations from Main Stadium, Public Sports Ground, Indoor Sports Centre, Hotel, Office and Retail Areas respectively) for our reference.

Thank you.

Regards,

Charles Choy
Water & Urban Development, Hong Kong
D +852-3922-9105
charles.choy@aecom.com

AECOM
13/F Grand Central Plaza, Tower 2
138 Shatin Rural Committee Road, Shatin
Hong Kong
T +852-3922-9000
aecom.com

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From: skng@cedd.gov.hk [<mailto:skng@cedd.gov.hk>]
Sent: 25 May 2016 16:18
To: Choy, Tat Cheong Charles <charles.choy@aecom.com>
Cc: edmundchan@cedd.gov.hk; Ho, Wai Luek Igor <igor.ho@aecom.com>; 'Ks Lee' <ks.lee@cinotech.com.hk>; lamwkv@archsd.gov.hk; laur@archsd.gov.hk; moonshingman@hab.gov.hk; mwlee@mlal.com.hk; 'MLAL' <office@mlal.com.hk>; rubywang@mlal.com.hk; skng@cedd.gov.hk; Au Yeung, Ho Shun Vincent <vincent.auyeung@aecom.com>; Amber <amberwang@mlal.com.hk>
Subject: RE: SEWERAGE AND SEWAGE TREATMENT IMPLICATION for Kai Tak Multi-purpose Sports Complex - Draft Environmental Impact Assessment (EIA) Report

Dear Charles,

Please provide your response by COP today.

Regards,

SK NG
 E/19, KDevO
 Tel: 3104 2498

From: "Amber" <amberwang@mlal.com.hk>
 To: "'Choy, Tat Cheong Charles'" <charles.choy@aecom.com>,
 Cc: <edmundchan@cedd.gov.hk>, "'Ks Lee'" <ks.lee@cinotech.com.hk>, <lamwkv@archsd.gov.hk>, <laur@archsd.gov.hk>, <moonshingman@hab.gov.hk>, <mwlee@mlal.com.hk>, "'MLAL'" <office@mlal.com.hk>, <rubywang@mlal.com.hk>, "'Au Yeung, Ho Shun Vincent'" <vincent.auyeung@aecom.com>, "'Ho, Wai Luek Igor'" <igor.ho@aecom.com>, <skng@cedd.gov.hk>
 Date: 24/05/2016 16:17
 Subject: RE: SEWERAGE AND SEWAGE TREATMENT IMPLICATION for Kai Tak Multi-purpose Sports Complex - Draft Environmental Impact Assessment (EIA) Report
 EDMS No.: Doc. Src. :

Dear Charles,

We like to seek advice from CEDD on the following comment from DSD for EIA for Kai Tak Multi-purpose Sports Complex - Draft Environmental Impact Assessment (EIA) Report - Chapter 7 SEWERAGE AND SEWAGE TREATMENT IMPLICATION:

1. "Siltation, gradient of pipes and appropriate pipe roughness should be considered in checking the capacity of sewers." – The siltation, gradient of pipes and appropriate pipe roughness are not found in the Infrastructure Review Report of Kai Tak Development prepared

by CEDD (IRR). The concerned pipes are highlighted by red cloud in attachment. Please advise.

2. “The estimated sewage flow generated from MPSC has exceeded the value in the IRR. The estimated average dry weather flow (DWF) of 4,026 m³/day or 0.047 m³/sec is comparable with the flow of 0.083 m³/sec reported in Table 4.18 Projected Peak flow for Year 2031 and Ultimate Scenario in the Infrastructure Review Report (Final) Rev 1 (IRR). (noting that the total flow is still within the design capacity of the sewerage system en route to Stonecutters Island Sewage Treatment Works.) The project proponent should seek confirmation with CEDD that the infrastructure provisions by CEDD would cater for the updated sewage estimation of MPSC.” – Please confirm.

Please feel free to contact us if you have any queries.

Regards,
Amber

李榮護建築工程師事務所有限公司
Maurice Lee & Associates Ltd.
Civil, Environmental, Geotechnical and Structural Engineers and Architects
8/F Hang Seng NP Building, 341 King's Road, North Point, Hong Kong
Tel (852) 2510 8611
Fax (852) 2510 0189

From: skng@cedd.gov.hk [<mailto:skng@cedd.gov.hk>]

Sent: Thursday, May 19, 2016 4:21 PM

To: Choy, Tat Cheong Charles <charles.choy@aecom.com>

Cc: edmundchan@cedd.gov.hk; 'Ks Lee' <ks.lee@cinotech.com.hk>; lamwkv@archsd.gov.hk; laur@archsd.gov.hk; moonshingman@hab.gov.hk; mwlee@mlal.com.hk; 'MLAL' <office@mlal.com.hk>; rubywang@mlal.com.hk; 'Au Yeung, Ho Shun Vincent' <vincent.auyeung@aecom.com>; Amber <amberwang@mlal.com.hk>; Ho, Wai Luek Igor <igor.ho@aecom.com>

Subject: RE: SEWERAGE AND SEWAGE TREATMENT IMPLICATION for Kai Tak Multi-purpose Sports Complex - Draft Environmental Impact Assessment (EIA) Report

Dear Charles,

Would you please note the email below and clarify the two queries regarding the infrastructures under our IRR.

Thanks.

Regards,

SK NG
E/19, KDevO
Tel: 3104 2498

From: "Amber" <amberwang@mlal.com.hk>
To: "'Au Yeung, Ho Shun Vincent'" <vincent.auyeung@aecom.com>,
Cc: <skng@cedd.gov.hk>, "'MLAL'" <office@mlal.com.hk>, <moonshingman@hab.gov.hk>, <laur@archsd.gov.hk>, <lamwkv@archsd.gov.hk>, "'Ks Lee'" <ks.lee@cinotech.com.hk>, <mwlee@mlal.com.hk>, <rubywang@mlal.com.hk>, <edmundchan@cedd.gov.hk>
Date: 17/05/2016 09:57
Subject: RE: SEWERAGE AND SEWAGE TREATMENT IMPLICATION for Kai Tak Multi-purpose Sports Complex - Draft Environmental Impact Assessment (EIA) Report
EDMS No.: Doc. Src. :

Dear Mr. Vincent,

Attached pls find the location drawing.

Regards,

Amber

From: Amber [<mailto:amberwang@mlal.com.hk>]

Sent: Tuesday, May 17, 2016 9:55 AM

To: 'Au Yeung, Ho Shun Vincent' <vincent.auyeung@aecom.com>

Cc: 'skng@cedd.gov.hk' <skng@cedd.gov.hk>; 'MLAL' <office@mlal.com.hk>; 'moonshingman@hab.gov.hk' <moonshingman@hab.gov.hk>; 'laur@archsd.gov.hk' <laur@archsd.gov.hk>; 'lamwkv@archsd.gov.hk' <lamwkv@archsd.gov.hk>; 'Ks Lee' <ks.lee@cinotech.com.hk>; 'mwlee@mlal.com.hk' <mwlee@mlal.com.hk>; 'rubywang@mlal.com.hk' <rubywang@mlal.com.hk>; 'edmundchan@cedd.gov.hk' <edmundchan@cedd.gov.hk>

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1. "Siltation, gradient of pipes and appropriate pipe roughness should be considered in checking the capacity of sewers." – The siltation, gradient of pipes and appropriate pipe roughness are not found in the Infrastructure Review Report of Kai Tak Development prepared by CEDD (IRR). The concerned pipes are highlighted by red cloud in attachment. Please advise.
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Regards,
Amber

李榮護建築工程師事務所有限公司
Maurice Lee & Associates Ltd.
Civil, Environmental, Geotechnical and Structural Engineers and Architects
8/F Hang Seng NP Building, 341 King's Road, North Point, Hong Kong
Tel (852) 2510 8611
Fax (852) 2510 0189