

Appendix 5.06 Questionnaire Results for Suspended Solids Criterion at Cooling Water Intakes
Reply from Electrical and Mechanical Services Department on Cooling Water Intake Suspended Solids Criterion for Kai Tak District Cooling Water System

From: francespo@emsd.gov.hk
Sent: Thursday, September 10, 2015 2:35 PM
To: Ip, Tsz Ying Kathy
Cc: Cheung, Kwok Yu Amy; mkyip@emsd.gov.hk; sklo@emsd.gov.hk
Subject: 回覆: Agreement No. CE30/ 2014 (DS) - Enquiry for Cooling Water Intake Water Quality Requirement
Attachments: DSD memo_Commencement of Assignment_20141008.pdf

Dear Kathy,

With regards to the water quality criteria, there is no specific requirement for the DCS sea water intake.

Regards,
Frances Po
Tel. 2808 3430

寄件者: "Ip, Tsz Ying Kathy" <kathy.ip@aecom.com>
收件者: "francespo@emsd.gov.hk" <francespo@emsd.gov.hk>
副本抄送: "Cheung, Kwok Yu Amy" <amy.cheung@aecom.com>
日期: 01/09/2015 10:47
主题: Agreement No. CE30/ 2014 (DS) - Enquiry for Cooling Water Intake Water Quality Requirement

Agreement No. CE 30/2014 (DS)
Relocation of Sha Tin Sewage Treatment Works (STW) to Caverns:
Caverns and STW – Investigation, Design and Construction

Dear Ms. Po,

AECOM is the consultant of the Drainage Services Department (DSD) to undertake the above Consultancy, which involves environmental impact assessment studies for the planned Sha Tin Cavern STW project. The memo issued by DSD regarding the commencement of this Consultancy Study is attached for your reference.

During the environment impact assessment for this Consultancy, we identified that the cooling water intake at the Kai Tak District Cooling System is one of the water sensitive receivers within our Study Area (Victoria Harbour Water Control Zone). In order to assess the water quality impact on this cooling water intake, we would like to understand the water quality requirement of this intake point, i.e. the criterion for Suspended Solids (SS) and other water quality parameters where applicable.

In view of the tight study programme, most grateful if you would advise the intake requirement at your earliest convenience, preferably before 8 September 2015.

Should you require further clarification on our enquiry, please feel free to contact us.

Thank you for your kind assistance in advance.

Best Regards,
Kathy Ip
ENVIRONMENTAL CONSULTANT
Environment, Hong Kong
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Reply from the Chinese University of Hong Kong on Cooling Water Intake Suspended Solids Criterion for Marine Science Laboratory

From: Put O. Ang, Jr. <put-ang@cuhk.edu.hk>
Sent: Friday, June 05, 2015 6:08 PM
To: Ip, Tsz Ying Kathy
Cc: Cheung, Kwok Yu Amy; Wong, Chi Man
Subject: Re: Agreement No. CE30/ 2014 (DS) - Enquiry for Cooling Water Intake Water Quality Requirement

Dear Kathy,

I am not sure there is a cooling water intake point here. We do have a seawater intake point for the flow through system for growing marine organisms. In which case, we follow the water quality criteria for aquaculture.

For your information, MSL does have its own filtration system after water intake to remove SS.

Hope this helps.

Cheers,

ang put

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Put O. Ang, Jr.
Marine Science Laboratory
Chinese University of Hong Kong
Shatin, N.T. Hong Kong SAR
CHINA
Tel no. +852-3943-6133
Fax no. +852-2603-5391

Quoting "Ip, Tsz Ying Kathy" <kathy.ip@aecom.com>:

> Agreement No. CE 30/2014 (DS)
> Relocation of Sha Tin Sewage Treatment Works (STW) to Caverns:
> Caverns and STW - Investigation, Design and Construction
>
> Dear Prof. Ang,
>
> AECOM is the consultant of the Drainage Services Department (DSD) to
> undertake the above Consultancy, which involves environmental impact
> assessment studies for the planned Sha Tin Cavern STW project. The memo
> issued by DSD regarding the commencement of this Consultancy Study is
> attached for your reference.
>
> During the environment impact assessment for this Consultancy, we identified
> that the cooling water intake at the Marine Science Laboratory of the Chinese
> University of Hong Kong is one of the water sensitive receivers within our
> Study Area (Tolo Harbour and Channel Water Control Zone). In order to assess
> the water quality impact on this cooling water intake, we would like to
> understand the water quality requirement of this intake point, i.e. the
> criterion for Suspended Solids (SS) and other water quality parameters where
> applicable.
>
> In view of the tight study programme, most grateful if you would advise the
> intake requirement at your earliest convenience, preferably before 12 June
> 2015.
>
> Should you require further clarification on our enquiry, please feel free to
> contact us.
>
> Thank you for your kind assistance in advance.
>
>
> Best Regards,
> Kathy Ip
> ENVIRONMENTAL CONSULTANT
> Environment, Hong Kong
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