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**From:** leungkachun@emsd.gov.hk  
**Sent:** Wednesday, February 17, 2021 11:48 AM  
**To:** Cheung, Amy  
**Cc:** yuecw@emsd.gov.hk; felixlung@emsd.gov.hk; cklu@emsd.gov.hk; keith-yk.cheung@arup.com  
**Subject:** 轉寄: Upgrading of Tai Po Sewage Treatment Works - Request for Seawater Quality Requirements of Kai Tak DCS  
**Attachments:** 2020040X (00H2E1) (Cover Memo to Distribution - Appointment of Consultant)\_FULL.pdf

Dear Amy,  
The first sentence in S5.8.1.33 of the 2016 EIA "There are no specific criteria/requirements for the Kai Tak DCS cooling water intake from EMSD." is still valid.

Thanks and regards  
Desmond LEUNG  
E/EEB10/1, EMSD  
2808 3430

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**From:** Joe Shing Yip Lee, Prof. (SLS) <joesylee@cuhk.edu.hk>  
**Sent:** Wednesday, November 18, 2020 6:34 PM  
**To:** Cheung, Amy  
**Subject:** Re: Request for Information on Seawater Intake at Marine Science Laboratory of CUHK

Dear Amy,

Sorry for the delay in responding - I have been busy teaching the last few weeks.

The following are the WQ values acceptable to our operations:

Temperature - no more than +/- 2 C variation from ambient values in local areas unaffected by effluent; < 2C change over 1 hour  
Salinity - no more than +/- 2 PSU variation from ambient values in local areas unaffected by effluent; < 2 PSU change over 1 hour  
pH: between 7 to 9  
DO: > 5 mg per L  
Suspended solids: < 20 mg per L  
Ammonia (unionised): < 50 ug per L  
Hydrogen sulphide: < 1 ug per L  
Nitrate-N: < 0.5 mg per L  
Nitrite-N: < 0.05 mg per L  
Ammonia-N: < 0.2 mg per L  
Faecal coliforms: < 10000 cfu per 100 mL  
Turbidity: < 5 NTU

Please let me know if any questions about these values.

Best wishes,  
Joe