

Our Reference: PUB (CWD) 513/13/001

26 Apr 2017

See Distribution

Dear Sir/Madam,

ENCOURAGE GOOD ECM PLANS - PUBLICATION OF A LIST OF QUALIFIED EROSION CONTROL PROFESSIONALS WITH NO/LEAST ECM PLAN RE-SUBMISSIONS AT THE PUB WEBSITE

Having good Earth Control Measures(ECM) plan is fundamental to prevent muddy discharge from the construction sites. Muddy discharge will cause our waterways to turn dirty and unpleasant.

2 Contractors are required to submit their ECM plan, prepared by a Qualified Erosion Control Professionals (QECP), to obtain a Clearance Certificate before the start of earth works. PUB screens such plans and check for comprehensiveness of the ECM design. QECPs, comprising Professional Engineers, are competent in ECM design and implementation. However, the standards of the QECP varies. Out of the approximately 1,500 ECM submissions that PUB received annually, about 20% of them are re-submissions mainly due to inadequate design, errors found in the plan, and poor design considerations.

3 Beside a technically sound ECM design, the QECP should also provide comprehensive ECM plan that the building contractors could easily read and implement accordingly. This will ensure that sound ECM is implemented to prevent silty water discharge to the waterways.

4 In an effort to raise the QECP service quality, the Institute of Engineers, Singapore(IES), Association of Consulting Engineers(ACES) and PUB have jointly rolled out the QECP Review Panel Scheme about 3 years ago, and since then have carried 15 review sessions and reviewed 102 plans.

5 While the Review Panel Scheme has been successful in raising the QECP services, more could be done to complement the Scheme and encourage good QECP services for the construction industry.

6 With this in mind, with effect from May 2017, PUB will publish a list of QECPs, who have consistently good ECM submission records (no or relatively low re-submission rate), at the PUB website. This list will be based on submissions made over a rolling a 2-year period starting from Jan 2015 to Dec 2016. It will be refreshed quarterly or as and when needed. This list is derived based on PUB's records of ECM submissions statistics. Please note that this list is not meant to endorse the service quality of any individual QECP and/or his company. The

first list for the period of Jan 2015 to Dec 2016 and the selection guidelines are attached at Annex 1.

7 For more information, please contact Mr Philips Ho Chyi Perng at DID: 63304133, or Mr Aw Kwong Yew at DID 67313464.

Thank you

Yours sincerely

A handwritten signature in blue ink, consisting of a stylized 'R' followed by a horizontal line and a vertical line crossing it.

RIDZUAN ISMAIL (MR)
DIRECTOR
CATCHMENT AND WATERWAYS DEPARTMENT
PUB, Singapore's National Water Agency

List of QECPs with no/or relatively least re-submissions

Period: Jan 2015 to Dec 2016

Er Sim Mui Leng	Er Ong Toon Lian
Er Chong Kee Sen	Er Chin Kheng Ming
Er Ng Shu Wei Sharron	Er Vashdev A. Khialani
Er Tai Siew Neo	Er Ngan See Pyng
Er Lim Kean Teong	Er Lim Chin Pau
Er Lim Cheng Hock	Er Kan Ngee Meng
Er Wong Yok Siong	Er Tan Eng How
Er Cheng Sook Mei, Karen	Er Ho Wah Foo
Er Ng Chew Chiat	Er Huang Zhao Ren
Er Ong Wee Kiat	Er Lau Tung Ngiu
Er Ng Boon Hoo	Er Mok Chin Ket
Er Samuel Kuan	Er Yeoh Boon Kang
Er Tan Keh Mui	Er Leong Boon Cheng
Dr Er Ong Chee Wee	

Selection Criteria:

- (i) Low re-submission rate (include only QECPs with 3 or more submissions);
- (ii) No demerit point accorded for these submissions.

Note:

- (a) The list will be refreshed every quarterly and when there an urgent need to amend the list.
- (b) This list is derived based on PUB's records of ECM submissions statistics. Please note that this list is not meant to endorse the service quality of any individual QECP and/or his company.

DISTRIBUTION (via e-mail):

President
Association of Consulting Engineers,
Singapore (**ACES**)
18 Sin Ming Lane #06 - 01
Midview City
Singapore 573960
secretariat@aces.org.sg

President
Institution of Engineers, Singapore (**IES**)
70 Bukit Tinggi Road
Singapore 289758
ies@iesnet.org.sg

President
Real Estate Developers' Association of
Singapore (**REDAS**)
190 Clemenceau Avenue #07-01
Singapore Shopping Centre
Singapore 239924
enquiry@redas.com

President
Singapore Contractors Association Limited
(**SCAL**)
Construction House
1 Bukit Merah Lane 2
Singapore 159760
enquiry@scal.com.sg

President
Singapore Institute of Architects (**SIA**)
79 Neil Road
Singapore 088904
info@sia.org.sg

President
Singapore Institute of Building Limited
(**SIBL**)
70 Palmer Road #03-09C
Palmer House
Singapore 079427
josephine@sibl.com.sg

President
Singapore Institute of Surveyors & Valuers
(**SISV**)
110 Middle Road #09-00
Chiat Hong Building
Singapore 188968
sisv.info@sisv.org.sg

President
Society of Project Managers (**SPM**)
Macpherson Road P.O Box 1083
SINGAPORE 913412
societyofprojectmanagers@gmail.com

Director of Infrastructure
School Campus Department
Ministry of Education (**MOE**)
285 Ghim Moh Road
Block C, Level 3
Singapore 279622
eng_wee_tong@moe.gov.sg

President
Board of Architects (**BOA**)
5 Maxwell Road #01-03
Tower Block MND Complex
Singapore 069110
boarch@singnet.com.sg

Deputy Chief Executive Officer (Building)
Housing & Development Board (**HDB**)
480 Lorong 6 Toa Payoh
HDB Hub
Singapore 310480
fong_chun_wah@hdb.gov.sg

Deputy Chief Executive
Infrastructure & Development
Land Transport Authority (**LTA**)
1 Hampshire Road Block 8 Level 1
Singapore 219428
chua_chong_kheng@lta.gov.sg

President
Professional Engineers Board, Singapore
(PEB)
52 Jurong Gateway Road #07-03
Singapore 608550
registrar@peb.gov.sg

Group Director
Land Planning & Redevelopment
JTC Corporation (JTC)
8 Jurong Town Hall Road
The JTC Summit
Singapore 609434
josephine_loke@jtc.gov.sg

Group Director
Development Services Group
Urban Redevelopment Authority (URA)
45 Maxwell Road
The URA Centre
Singapore 069118
ler_seng_ann@ura.gov.sg

Executive Vice President
Engineering & Development
Changi Airport Group (CAG)
Singapore Changi Airport
PO Box 168
Singapore 918146
enquiry@changiairport.com

Cc:
Director
Engineering Development and Procurement
Department
PUB, The National Water Agency
40 Scotts Road #18-01
Environment Building
Singapore 228231
young_joo_chye@pub.gov.sg

Senior Director
(Building & Estates Management)
People's Association (PA)
9 King George's Avenue
Singapore 208581
foo_soon_leng@pa.gov.sg

Chief (Sports Facilities)
Sports Facilities Group
Sport Singapore
3 Stadium Drive
Singapore 397630
lim_hong_khiang@sport.gov.sg

Group Director
Park Development Division
Park Management & Lifestyle Cluster
National Parks Board (NParks)
1 Cluny Road
Singapore Botanic Gardens
Singapore 259569
kartini_omar-hor@nparks.gov.sg

Director
Building and Infrastructure
Programme Centres
Defence Science and Technology Agency
(DSTA)
71 Science Park Drive
Singapore 118253
ong_yew_hing@dsta.gov.sg