



Water for All: Conserve, Value, Enjoy

Our Ref: WRN 017/02/000

Tel: 67319558

Fax: 67319699

Email: roland\_chan@pub.gov.sg

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Dear Sirs

### **CONSULTATION WITH PUB FOR CONSTRUCTION WORKS NEAR THE DEEP TUNNEL SEWERAGE SYSTEM (DTSS) & LINK SEWERS**

PUB will be completing the construction of the Deep Tunnel Sewerage System (DTSS) and the Link Sewers soon, both of which are large critical national infrastructures for conveying used water to the Changi Water Reclamation Plant for proper treatment and reclamation.

2 The DTSS and the Link Sewers are large sewers with diameters of up to 6m and constructed at varying depths of up to 50m below ground. The total length of the DTSS and link sewers is about 100km. They are located not only under road carriageways but also in open spaces. It will be extremely difficult to repair any damage caused to these infrastructures. Therefore, it is imperative to ensure that no damage is caused to these infra-structures due to construction activities.

3 In order to protect these important infrastructures from being damaged by construction activities, the QP and PE are advised to consult PUB for any proposed work in the vicinity of the DTSS or Link Sewers, i.e. within the influence zone of the excavation/piling works or a corridor of 25m from the proposed work. The guideline on 'Prevention of Damage to The Sewerage System' can be found in the PUB website at [www.pub.gov.sg](http://www.pub.gov.sg) (click 'Information Centre' and then 'Service Centre').

4 It is equally important to check and identify the alignment of the DTSS and Link Sewers in relation to the new projects. This can be easily checked from the Sewer Interpretation Plan (SIP) as the positions of DTSS and Link Sewers are shown in the Sewer Interpretation Plan (SIP). The SIP can be purchased online from the Government Mall Internet website at [http://www.ecitizen.gov.sg/govmall/nea\\_sip.html](http://www.ecitizen.gov.sg/govmall/nea_sip.html). Alternatively SIP can be purchased directly from NEA Internet website at <http://app.nea.gov.sg>.

5 In order to prevent a catastrophe, we would like to seek your members' cooperation to observe and comply with our requirement, i.e. to check the alignment of DTSS or link sewers before commencement of piling or excavation works. If in doubt after verifying with the SIP, your members can always consult us at the following address:

Water Reclamation (Network) Department  
PUB  
#14-00 ENV Building  
40, Scotts Road,  
Singapore 228231  
Tel No: 67319163 (Mr Steven Cheong) or 67319527 (Mr Albert Lim)

6 It is through your members' cooperation that we are able to maintain low incidents of damages caused to the sewerage system.

7 Please urge your members to treat this seriously and take utmost precaution to prevent damage to the DTSS and Link Sewers during construction work. Please also remind your members that it is an offence under the Sewerage And Drainage Act (SDA) to erect any building or structure over, across or adjacent to any sewer or sewerage system without PUB's prior approval (Section 14 of SDA). The penalty is a fine up to \$20,000. For any damage caused to the sewerage system, the penalty is \$40,000 or imprisonment of up to 3 months or both (Section 20). Please also note that work which requires PUB's approval has to be supervised by a Qualified Person (Section 34 of the SDA).

8 We would appreciate it if you could disseminate the contents of this letter to your members. Thank you.

Yours faithfully



**ROLAND CHAN**  
for **DIRECTOR**  
**WATER RECLAMATION (NETWORK) DEPARTMENT**  
**PUB**

Encl

## **Extracts of relevant sections of SDA**

### ***Building, etc., not to be erected over, across or adjacent to any sewer or sewerage system without Board's certificate or approval***

**14.** —(1) No person shall erect or cause or permit to be erected any building or structure over, across or adjacent to any sewer or sewerage system without obtaining, in respect of those works, a clearance certificate or the approval of the Board under section 33.

### ***Damage caused to public sewer, etc.***

**20.** —(1) Any person who —

(a) causes any damage to any public sewer or any sewer or drain-line communicating with a public sewer, or

(b) does any act which renders any public or private sewer to be dangerous or injurious to health or to cause a nuisance,

shall be guilty of an offence and shall be liable on conviction to a fine not exceeding \$40,000 or to imprisonment for a term not exceeding 3 months or to both.

### ***Supervision of works by qualified person***

**34.** —(1) No person shall commence or carry out any works for which a clearance certificate is required under this Act except under the supervision of a qualified person.

(2) Any person who contravenes subsection (1) shall be guilty of an offence and shall be liable on conviction to a fine not exceeding \$50,000 or to imprisonment for a term not exceeding 12 months or to both and, in the case of a continuing offence, to a further fine not exceeding \$1,000 for every day or part thereof during which the offence continues after conviction.

### ***Duties of qualified person***

**35.** —(1) Every qualified person appointed to supervise any works for the purposes of section 34 shall —

(a) take all reasonable steps and exercise due diligence in supervising and inspecting the works to ensure that those works are carried out in accordance with this Act and with the plans submitted under section 33 (3) and with any condition imposed by the Board under that section;

(2) Any qualified person who contravenes any of the requirements of subsection (1) shall be guilty of an offence and shall be liable on conviction to a fine not exceeding \$10,000 or to imprisonment for a term not exceeding 6 months or to both and, in the case of a continuing offence, to a further fine not exceeding \$500 for every day or part thereof during which the offence continues after conviction.

## Distribution List

President  
Association of Consulting Engineers  
Singapore  
70 Palmer Road, #04-06  
Singapore 079427

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Singapore 289758

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Singapore 088904

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190 Clemenceau Avenue  
#07-01 Singapore Shopping Centre  
Singapore 239924

President  
Singapore Contractors Association Ltd  
Construction House  
1 Bukit Merah Lane 2  
Singapore 159760

Chief Engineer  
Central Building Plan Unit  
National Environment Agency  
40 Scotts Road  
#13-00 Environment Building  
Singapore 228231