

PRESS STATEMENT

9 August 2018

**Works at To Kwa Wan Station  
under the Shatin to Central Link Project**

Regarding media enquiries about the works at To Kwa Wan Station under the Shatin to Central Link (SCL) project, MTR Corporation would like to provide the following information.

To Kwa Wan Station is located beneath Ma Tau Wai Road. The works include the construction of the station structure and the associated tunnels. To ensure the structural integrity of the surrounding buildings and facilities are not affected during the works period, the project team has been monitoring the area closely since the works commenced in 2012. This includes the installation of monitoring instrumentation on the facades of buildings or ground surfaces and utilities in the vicinity of the works to monitor any settlement or tilting of buildings, ground surfaces and underground utilities as far as possible. The Corporation submits weekly monitoring data to relevant Government departments, while the Corporation and its Registered Geotechnical Engineer also submit monthly reports including detailed monitoring data for review.

According to the Practice Notes issued by relevant Government department, the settlement levels and tilting ratios for the above works were formulated having regard to depending on the structure, function and location of the buildings, as well as their geological condition and the construction methods adopted. These settlement thresholds were covered in the specific action plan ("action plan") submitted to relevant Government departments before large-scale excavation works were carried out at To Kwa Wan Station. These set thresholds are used for monitoring during the course of works. When assessing the safety and structural integrity of a building, both settlement and tilting data should be taken into account.

During the works period, when the settlement readings reach the thresholds set for respective works, the project team needs to implement appropriate follow up measures in accordance with the action plan, including safety checks conducted by a registered structural engineer, review by consultants appointed by the Contractor to review the impact of settlement on the buildings, etc. When the structure of buildings are assessed to be safe, the project team can submit suitable adjustment of settlement thresholds to relevant government departments.

The construction works for To Kwa Wan Station have been carried out by the project team and the Contractor in a careful manner and the condition of adjacent buildings and underground utilities has been closely monitored. According to the records, while the settlement levels of some of the adjacent buildings and underground utilities have reached the set thresholds, the tilting ratios of the buildings have all along met the set requirements, so the works can continue in a safe manner.

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Regarding the underground gas pipelines, since 2014, the project team has provided to Towngas monitoring data of underground gas pipes in the vicinity of the works area and conducted regular meetings with them. In 2016, the Corporation observed settlement data of four gas pipes reached the set thresholds. Throughout the period, Project team discussed with Towngas on follow-up actions, including Towngas assigning staff to conduct checks on a daily basis. According to our records, settlement data of another three gas pipes reached the set thresholds, which were unfortunately not passed to Towngas. The three locations were within the daily inspection area of Towngas and their latest monitoring data have returned to levels lower than the set thresholds in mid-2017.

Since the commencement of works for the To Kwa Wan Station and Tunnels in 2012, the Corporation has received enquiries from some property owners or owners' corporations about the conditions of their buildings. The Corporation and the Contractor conducted on-site inspections and then referred the cases to an independent loss adjuster for further investigation and follow-up. We have provided relevant data or information to owners of individual residential flats in the past.

The excavation works and main structures for To Kwa Wan Station were completed by the end of 2016 and the main civil works were completed in 2017. The settlement level of the buildings and underground utilities along the alignment has stabilised since the completion of excavation and the tilting ratios are within requirements. Safety remains unaffected.

Safety has always been the first priority of the Corporation and there are strict and established processes in our project management regime to ensure safety and the quality of construction works.

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