

Noise Impact Assessment for the Rezoning of GI/C Zone at Tsing Yi Road to the North of Container Terminal 9



CLIENT: TRANSPORT AND HOUSING BUREAU

LOCATION: HONG KONG

DATE: AUGUST 2016 – MARCH 2017

TAGS: PLANNING APPLICATION, NOISE IMPACT ASSESSMENT, HONG KONG PLANNING STANDARDS & GUIDELINES

USE OF TECHNOLOGY: INDUSTRIAL NOISE IMPACT ASSESSMENT, CONSTRUCTION NOISE IMPACT ASSESSMENT, ROAD TRAFFIC NOISE IMPACT ASSESSMENT

Background

ANewR was commissioned by Transport and Housing Bureau (THB) in August 2016 to conduct a noise impact assessment (NIA) for a proposed barge berth at Tsing Yi Road to the north of Container Terminal 9 in support of the rezoning application converting the “Government, Institution or Community” (GI/C) zone to “Cargo Handling Area (Container Related Uses)” (OU(CRU)) zone. The proposed site area is about 5,490 m² and is currently let under short term tenancy (STT) for a fee-paying public carpark.

Our Roles

Through thoroughly reviewing and identifying potential noise sources and nearby noise sensitive receivers and evaluating all practicable noise mitigation measures, our team assessed all direct and indirect potential noise impacts during both construction and operation phases of the proposed barge berth. We aimed to evaluate the environmental acceptability of the proposed development with respect to the environmental guidelines provided in the Hong Kong Planning Standards & Guidelines.

Key Values to Client

An eight-week fast-track programme has been setup for the completion of the NIA and our team has been proactive in liaison with client, authorities as well as potential operators. To enhance the quality of the assessment, our team has carried out detailed site surveys and assessments based on sound methodology and recommended cost-effective noise mitigation options in a timely and efficient manner.