

# **Appendix M**

## **Investigation Report for Exceedances**

Entrusted Portion of Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling Stage 2

**Investigation Report of Environmental Quality Exceedance(s)**

Ref. No.: W170420\_DO

<b>Date</b>	20 April 2017
<b>Time</b>	11:07 AM
<b>Monitoring Location</b>	I5 - downstream of Ma Wat River at Yuen Leng
<b>Parameter</b>	Dissolved Oxygen
<b>Action / Limit Levels</b>	Action Level: 6.7 mg/L Limit Level: 4 mg/L or 40% saturation at 15 degree Celsius
<b>Measured Level</b>	5.9mg/L (Action level being exceeded)
<b>Possible reason for the exceedance</b>	The exceedance has been investigated and was considered not related to the project works as DO levels were low among all monitoring stations, including the control stations. The construction works at box culvert has been completed in March 2017. No abnormal condition was observed during the monitoring. As such, the natural variation of water quality has been considered attributed to the low DO level.
<b>Action taken / to be taken</b>	As the non-compliance was non-project related, no further investigation and remedial measure(s) would be required.
<b>Remarks</b>	-

Site photos during water sampling (Date: 20 April 2017)



(At C3a)



(At I5)

Entrusted Portion of Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling Stage 2

**Investigation Report of Environmental Quality Exceedance(s)**

Ref. No.: W170424\_DO

<b>Date</b>	24 April 2017
<b>Time</b>	11:31 AM
<b>Monitoring Location</b>	I5 - downstream of Ma Wat River at Yuen Leng
<b>Parameter</b>	Dissolved Oxygen
<b>Action / Limit Levels</b>	Action Level: 6.7 mg/L Limit Level: 4 mg/L or 40% saturation at 15 degree Celsius
<b>Measured Level</b>	6.0mg/L (Action level being exceeded)
<b>Possible reason for the exceedance</b>	The exceedance has been investigated and was considered not related to the project works as DO levels were low among all monitoring stations, including the control stations. The construction works at box culvert has been completed in March 2017. No abnormal condition was observed during the monitoring. As such, the natural variation of water quality has been considered attributed to the low DO level.
<b>Action taken / to be taken</b>	As the non-compliance was non-project related, no further investigation and remedial measure(s) would be required.
<b>Remarks</b>	-



Site photos during water sampling (Date: 24 April 2017)



(At C3a)



(At I5)