

**Investigation Report for Exceedances of Action Level and Limit Level of Water Quality Monitoring on 17 January 2023**

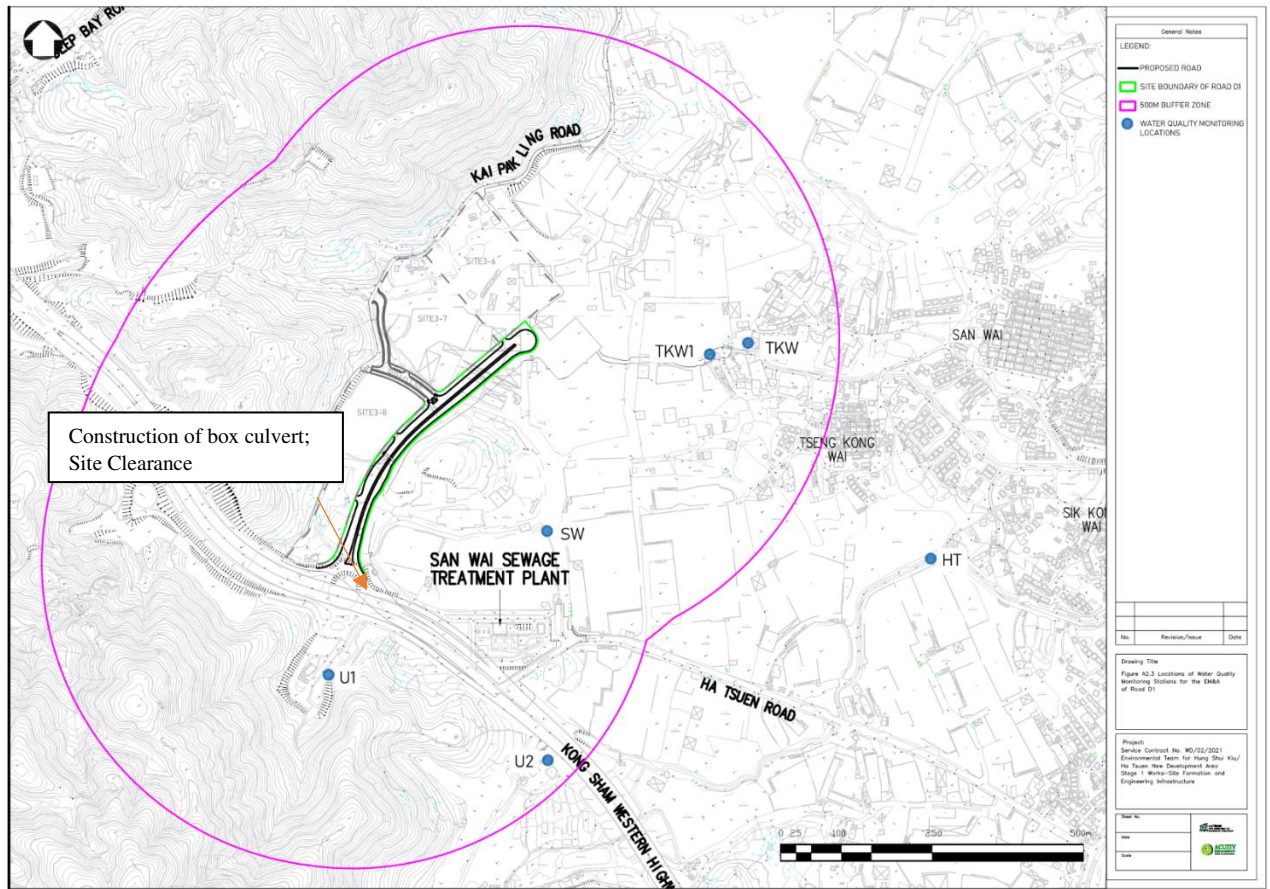
Investigation was carried out in response to exceedances of action/ limit levels during the water quality monitoring on 17 January 2023. The following table summarized details of the exceedances.

<b>Environmental Team for Hung Shui Kui/ Ha Tsuen New Development Area Stage 1 Works – Site Formation and Engineering Infrastructure</b>								
Date	Station	Parameter (Unit)	Depth-averaged Measured Value	Action Level	Limit Level	Exceedance		Project Related (Y/N)
						AL	LL	
17/01	TKW1	Suspended Solids (SS) (mg/L)	33.5	16.0	18.4		✓	N
	TKW		26.0	19.8	21.6		✓	N


Construction activities carried out at Road D1 during the investigation period	<ul style="list-style-type: none"> <li>• Site clearance; and</li> <li>• Construction of box culvert</li> </ul>
Possible reason for Action or Limit Level Non-compliance:	<p>Site inspections were carried out by the ET on 20 and 31 January 2023. No direct effluent discharge from the site was observed during these site investigations and no evidence was found to indicate that the water quality monitoring exceedance on 17 January 2023 were affected by the site activities. No further exceedances of SS Action or Limit Level were detected during the monitoring on 19 and 21 January 2023. It is considered that the Action/ Limit level exceedances recorded on 17 January 2023 were due to other composite factors, which might include surface runoff and effluent discharges from the workshops, open storages, warehouses, private toilet(s) and residential dwellings along the catchment downstream of the site, as well as natural variation of upstream water quality. In conclusion, water quality monitoring exceedances recorded on 17 January 2023 were considered non-project related.</p>
Action taken / to be taken:	N/A


**Photo Records of Site Investigation:**

<p><b>12 January 2023</b></p>	
	
<p>Ground investigation works were carried out at Road D1, no muddy surface runoff was observed during the site inspection.</p>	<p>Idle wastewater treatment facilities on site on 12 January 2023.</p>
<p><b>20 January 2023</b></p>	
	
<p>Stockpile of dusty materials was covered properly to avoid generation of muddy runoff.</p>	<p>Wastewater was diverted to sump pit. No discharge of wastewater offsite was observed during site investigation.</p>
<p><b>31 January 2023</b></p>	
	
<p>All wastewater / surface runoff was collected and diverted to sump pit. Direct effluent discharge was not allowed to be discharged from the site. No discharge of wastewater was observed during site investigation.</p>	<p>No muddy surface runoff and direct effluent discharge was observed during site inspection.</p>



**Figure 1 Location Plan of Impact Water Quality Monitoring Stations (Site activities held on 17 January 2023 were reported in text boxes)**

Prepared by: Howard Chan  
 Designation: Environmental Team Member  
 Signature:   
 Date: 3 February 2023

Certified by: F. C. Tsang  
 Designation: Environmental Team Leader  
 Signature:   
 Date: 3 February 2023

**Investigation Report for Exceedances of Action Level and Limit Level of Water Quality Monitoring on 25 January 2023**

Investigation was carried out in response to exceedance of action/ limit levels during the water quality monitoring on 25 January 2023. The following table summarized details of the exceedance.

<b>Environmental Team for Hung Shui Kui/ Ha Tsuen New Development Area Stage 1 Works – Site Formation and Engineering Infrastructure</b>								
<b>Date</b>	<b>Station</b>	<b>Parameter (Unit)</b>	<b>Depth-averaged Measured Value</b>	<b>Action Level</b>	<b>Limit Level</b>	<b>Exceedance</b>		<b>Project Related (Y/N)</b>
						<b>AL</b>	<b>LL</b>	
25/01	SW	Suspended Solid (SS)	17.5	9.7	9.9		✓	N

Construction activities carried out at Road D1 during the investigation period	<ul style="list-style-type: none"> <li>Site Closed (Chinese New Year Holiday)</li> </ul>
Possible reason for Action or Limit Level Non-compliance:	<p>Site inspections were carried out by the ET on 20 and 31 January 2023. No direct effluent discharge from the site was observed during these site investigations and no evidence was found to indicate that the water quality monitoring exceedance on 25 January 2023 were affected by the site activities. As informed by the Contractor, construction site was closed due to Chinese New Year Holiday, no construction work was carried out on 25 January 2023.</p> <p>No further exceedances of SS Action or Limit Level were detected during the monitoring on 27 and 30 January 2023. It is considered that the Limit level exceedance recorded on 25 January 2023 were due to other composite factors, which might include surface runoff and effluent discharges from the workshops, open storages, warehouses, private toilet(s) and residential dwellings along the catchment downstream of the site, as well as natural variation of upstream water quality. In conclusion, water quality monitoring exceedance recorded on 25 January 2023 were considered non-project related.</p>
Action taken / to be taken:	N/A

**Photo Records of Site Investigation:**

**20 January 2023**



Stockpile of dusty materials was covered properly to avoid generation of muddy runoff.



Wastewater was diverted to sump pit. No discharge of wastewater offsite was observed during site investigation.

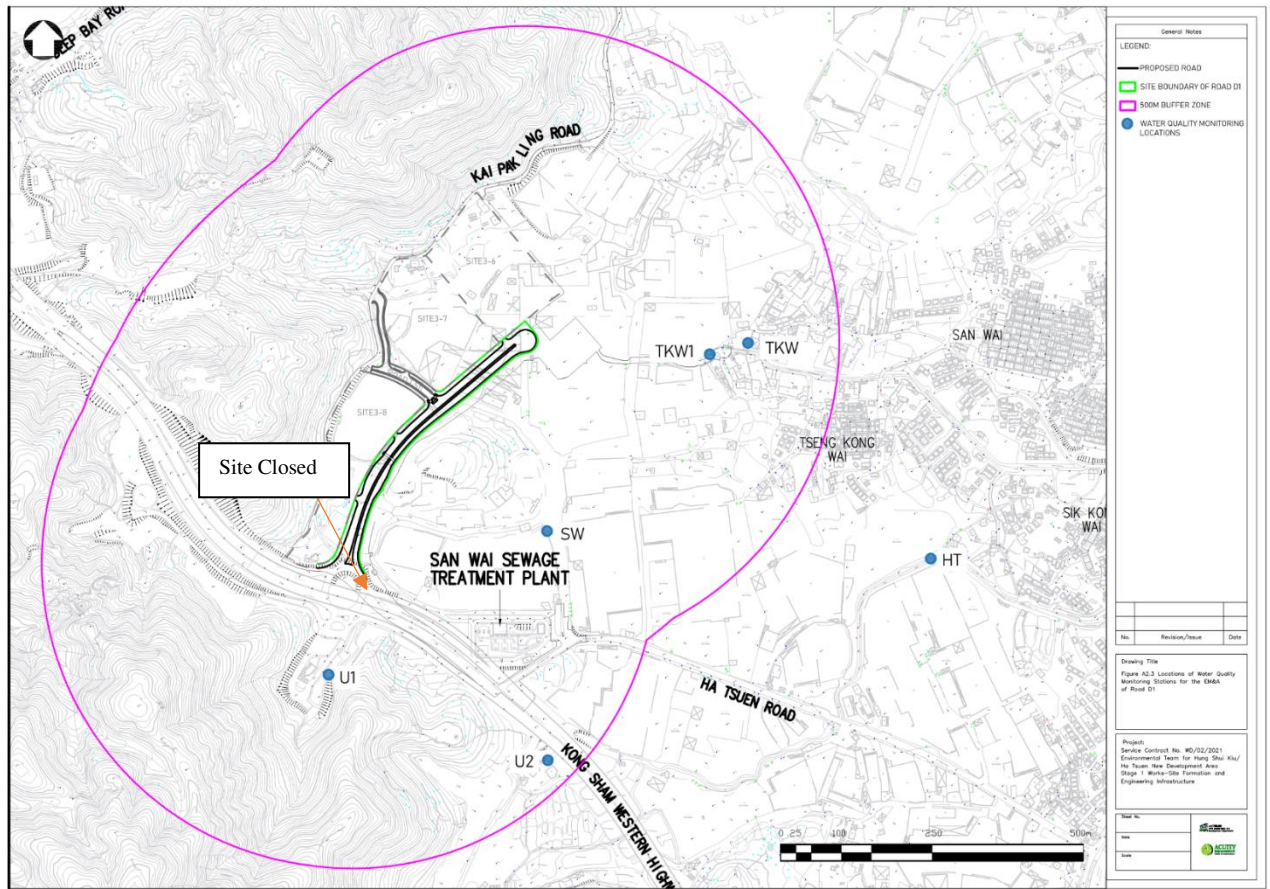
**31 January 2023**



All wastewater / surface runoff was collected and diverted to sump pit. Direct effluent discharge was not allowed to be discharged from the site. No discharge of wastewater was observed during site investigation.



No muddy surface runoff and direct effluent discharge was observed during site inspection.



**Figure 1 Location Plan of Impact Water Quality Monitoring Stations (Site activities held on 25 January 2023 were reported in text boxes)**

Prepared by: Howard Chan

Certified by: F. C. Tsang

Designation: Environmental Team Member

Designation: Environmental Team Leader

Signature:

Signature:

Date: 13 February 2023

Date: 13 February 2023