

Annex F3

Investigation Reports of Environmental Quality Limit Exceedance

Investigation Report of Environmental Quality Limit Exceedance

Project	South East New Territories (SENT) Landfill Extension
Date	25 February 2021
Time	14:40 and 14:53 (Duplicate)
Monitoring Location	DP4T
Parameter	Surface Water (Suspended Solids (SS))
Action / Limit Levels	Action level: >11.7 mg/L Limit level: >12.7 mg/L
Measured Level	DP4T: 13.0 mg/L DP4T (Duplicate): 12.7 mg/L
Possible reason	<p>No works which may lead to potential SS increase (e.g. active stockpiling and excavation works) was conducted in the vicinity of surface water channel leading to DP4T on the sampling day based on on-site observations and construction activities described by the Contractor. Surface runoff collected at DP4T channel (solely from the vehicle washing facilities) was treated by the Wetsep prior to discharge. Wetsep near DP4T was functioning properly during the sampling event. Environmental deficiency in related to DP4T was not observed during the weekly site inspection in the morning. The Contractor has taken the necessary control / mitigation measures outlined in the updated EM&A Manual.</p> <p>During the sampling event, no raining was recorded and no other sources (e.g. Clearwater Bay Country Park, other project sites) was identified in the vicinity of surface water channel leading to DP4T which might cause the SS exceedance at DP4T. Contaminated wastewater from the vehicle washing facilities could be the potential source of SS contributing to the exceedance. The SS exceedance at DP4T was therefore deemed to Project-related activities.</p> <p>It should be noted that although the measured SS level exceeded the limit level of the EM&A programme, it is still well within the WPCO effluent discharge limit of SS for the Junk Bay Water Control Zone (30 mg/L). The discharge of surface water with this SS level from DP4T will not cause adverse water quality impact to the Junk Bay Water Control Zone.</p>
Action Taken / Action to be Taken	<p>Examination of environmental performance of the Project will be continued during the weekly inspections. The Contractor is reminded to implement relevant and appropriate mitigation measures according to the updated EM&A Manual to avoid any exceedance of the Action and Limit Level.</p> <p>In addition, the Contractor is reminded to check and monitor the Wetsep operation and maintain the system regularly to ensure it is</p>

	functioning properly at all times.
Remarks	-

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Designation: Environmental Team

Date: 5 May 2021