

2	SITE ASPECTS	2.3 EMISSIONS FROM THE SITE	
		SA 13 WATER POLLUTION DURING CONSTRUCTION	
	EXCLUSIONS	None.	
	OBJECTIVE	Ensure the proper management of construction site discharges.	
	CREDITS ATTAINABLE	1	
	PREREQUISITES	Compliance with the Water Pollution Control Ordinance and its subsidiary regulation.	
	CREDIT REQUIREMENT	1 credit for undertaking adequate measures to reduce water pollution during construction.	1
	ASSESSMENT	Where demolition is included as part of the works it shall be included in the assessment.	2
		The Client shall submit confirmation in the form of a report from a suitably qualified person that the works have been carried out without violation of the Water Pollution Control Ordinance and no conviction or complaint about water pollution from the site has been upheld by the Environmental Protection Department.	3
		The Client shall present evidence in the form of specifications and contract documents detailing the requirements to undertake measures to reduce water pollution during construction, with reference to the latest best practice guidelines or practices (e.g. Best Practice Guide for Environmental Protection on Construction Sites, etc.)	4
		The Client's representative on site shall be responsible for monitoring and reporting the execution of the instructions. The Client shall confirm in writing that the works were conducted in accordance with the recommendations given in the above guidelines or practices appropriate to the particular circumstances of the site.	
	BACKGROUND	<p>Construction activity can pose a major pollution threat to the environment if discharges from construction sites are not properly handled. Such discharges are subject to control under the Water Pollution Control Ordinance [1]. The major types of discharges have been identified as follows:</p> <ul style="list-style-type: none"> • muddy underground water and bentonite slurries from excavation work and/or bore piling activities; • run-off from site spraying watering and wheel washing effluent as a result of adopting dust control measures; • domestic sewage generated from canteen and toilet facilities on site; and • contaminated surface run-off during wet weather. <p>Construction site wastewater contains mainly silt, sand and gravel. Indiscriminate discharge of untreated or partially treated wastewater will have a major impact on the receiving water bodies. Common pollution threats include:</p> <ul style="list-style-type: none"> • siltation in drainage pipes which may lead to blockage and eventually flooding risks; • visual nuisance and hazard to the aquatic life e.g. fish gills blocked 	

1 Environmental Protection Department. A Guide to the Water Pollution Control Ordinance. May 2001.
http://www.epd.gov.hk/epd/english/environmentinhk/water/guide_ref/files/guide_wpc_wpc.pdf