MTR Corporation Limited

Decommissioning of the Magazine Site at Victoria Road for West Island Line Independent Checker

Monthly Audit Report No.3 – January 2014

Monthly Audit Report 1401 v0

1 | February 2014



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undertaken to any third party.

Job number 209907



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1 Introduction

To support the construction of West Island Line (WIL), a temporary magazine was constructed in 2010 under the western side of Mount Davis off Victoria Road in Kennedy Town for the storage of explosives that would be supplied and delivered by Mines Division of the Civil Engineering and Development Department (CEDD). Under the agreement with the relevant Government departments, MTR Corporation (the Corporation) is required to decommission and reinstate the magazine upon completion of the blasting works for WIL.

A Project Profile (PP) study for the Decommissioning of the Magazine Site at Victoria Road for West Island Line (WIL) (the Project) was submitted by the Corporation to apply directly for Environmental Permit (EP) in February 2013 to the Environmental Protection Department (EPD) and was approved under the EIA Ordinance. Following approval of the PP (Register No.: PP-479/2013), an EP (EP-447/2013) was granted by EPD on 15 March 2013 for the decommissioning of the Magazine Site at Victoria Road for West Island Line (WIL).

Ove Arup & Partners Hong Kong Limited (Arup) was commissioned by the Corporation to undertake the role of Independent Checker (IC) in accordance with Clause 2.5 of the EP.

The decommissioning work was started in June 2013 for 2 months, i.e. August 2013, but it was re-started in January 2014.

As advised by the Corporation, this Project will be implemented by Gammon Nishimatsu WIL Joint Venture (GNWILJV) under works contract no. 704.

2 IC Site Audit

This is the third monthly IC Site audit report prepared by the IC for the Project. This report presents the audit results conducted in the month of January 2014 (1 to 31 January 2014). A site audit was conducted on 21st January 2014.

Based on the site audit findings (see **Appendix A**), no non-compliance to the environmental requirements was identified. Full implementation of the mitigation measures as described in the Project Profile during decommissioning of the Project was observed.

Appendix A

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Site Audit Findings

Decommissioning of the Magazine Site at Victoria Road Independent Environmental Checker Environmental Site Inspection Checklist

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							107		*****		_		
		Ref. No. Project Contract No. Inspected By		Road Country Rep.:		Lab	IC Contractor Engineer Env. Team Inspection Date Time Period	MTR Co	up & Partion Nishim orporation orporation	Ltd.		ong Ltd.	
		Condition Humidity	Sunny High Calm	Fine Moderate	☐ Overcast ☐ Low ☐ Breeze	☐ Storm	Rain	□ Drizzle Tempera	□ Hazy ature			(8)	°C
30	No. 1 2 3 4 5		Water Quality stem adequate stem well main stem adequate s to surround a neter channels	rand Drain rained? ly designed areas of eal at site bou	age I for storm florthworks for induries to in	ow? flood protection		N/A N/O	750 (2007) 1840/19	r Obs	N/C		s / Remarks
	6 7 8	Are sediment of Are there tempor watercourse? Are these temporare temporare these temporares are the sediment of the sediment	ontrol measur orary ditches t	es inspecte for runoff di	d & maintain scharge into	ed after rainy appropriate	storms?						
	9a 9b 10 11	Is site runoff proles groundwater via sedimentation	drainage chan ohitated from of from tunnels of	nels have: entering the or surface re	sedime traps a river channe	entation basin nd baffles? el?	?				0000		
	12 13a 13b 13c 14	Are there sediments Are the sediments Is the discharge	nentation tanks ntation tanks:	s for settling construct with aded free from	ed of pre-for uate capacit silt and sedi	med individua ty? ment?	al cells?						
	15 16	Is the discharge tanks before dis Are there oil into	from neutralisposal?	sation tanks	s routed to si	on tanks? It trap or sedi	mentation			000			
	17 18 19	Are oil and grea Is there any byp Are vehicles and leaving the site?	se removed re cass for oil to p d plant cleane	egularly (at prevent flus d of earth, r	least weekly hing during p nud and deb	eriods of hea	vy rain?						
	20 21a 21b 21c 21d 21e	Is a wheel wash is the wheel was	shing bay with	adequa adequa paved a access wheel v	ate design? ate settling & access road road sufficie vash bay?	removal of sa leading to exi	t?						
	22 23 24 25 26 27 28	Is exposed earth Are exposed slo Are manholes on Are accessed ro Are toilets conne Are debris and r Is wastewater di	pe surfaces covered and se pads protected acted to foul so ubbish on site	overed (by taled? by crushed ewer or che collected a	tarpaulin or of distones or g emical toilets and disposed	ravels? provided? of properly?	?		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)				

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Decommissioning of the Magazine Site at Victoria Road Independent Environmental Checker Environmental Site Inspection Checklist

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No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	Part III Air Quality Are vehicles in the site travelling within speed limit of 10 km/h? Are site vehicle movement confined to designated haul roads? Is the public road around the site entrance kept clean and free from dust? Are areas of site with regular traffic movement have hard surface? Are the haul roads watered regularly to avoid dust disturbance? Are unpaved areas watered regularly to avoid dust disturbance? Does the water spraying truck work effectively? Is working area of excavation or earth moving operation sprayed with water to maintain the entire surface wet? Are the dusty materials sprayed with water during transfer operation? Do the site vehicles use the wheel wash at the site exits? Does the wheel wash work effectively? Are hoarding not less than 2.4m tall provided beside roads or areas with public access? Are incombustible screens not less than 1.8m tall provided in the public area affected by exhaust fumes or smoke emission? Is dark smoke emission avoided? Are dusty materials properly covered? Are the bags of cement (more than 20) covered entirely? Are the excavated materials dropped at minimum practical height? Are air vents on cements silos fitted with fabric filters? Are weigh hoppers vented to suitable filters? Are weigh hoppers vented to suitable filters? Are completed earthworks sealed and hydroseeded and planted as soon as practicable? Is open burning avoided? Are whicles and equipment switched off while not in use? Are all trucks loaded to a level within the side and tail boards? Are materials transported by dump trucks with mechanical cover? Do the truck covers work effectively? Does ULSD used in the construction activities? Observable dust sources	N/A N/O Yes Rdr Obs N/C Photos/Remarks
	Loading/unloading of materials	Others
No. 1 2 3 4 5 6 7 8 9 10 11 12 13	Are the construction works scheduled to minimize airborne noise nuisance? Are the PME utilizatoin rates complied with the conditions stated in Project Profile? Are the works or equipment sited to minimize airbrone noise nuisance? Are all plant and equipment well maintained and in good operating condition? Are idling equipment throttled down or turned off? Are powered mechanical equipment covered or shielded by appropriate acoustic materials? Are noise enclosure, noise barrier, or portable noise barrier used where necessary? Do hand-held breakers (larger than or equal to 10kg) have valid noise labels? Do Quality Powered Mechanical Equipments (QPME) have valid noise labels? Do air compressors have valid noise labels? Do compressors operate with doors closed? Are Construction Noise Permits available for inspection? Major noise source(s)	N/A N/O Yes Rdr Obs N/C Photos / Remarks

Decommissioling of the Magazine Site at Victoria Road Independent Environmental Checker Environmental Site Inspection Checklist

No.	Part V Waste Management and Contamination	N/A N/O Yes Rdr Obs N/C Photos / Remarks
1a	General refuse: Is accumulation avoided (up to about 6kg per day)?	
1b	Is receptacles (e.g. rubbish bins) available?	
10	Is there regular and proper disposal?	
2a	Construction waste: Is there avoidance or minimization of construction	
2b	waste generation (e.g. use of steel formwork)? Is there on site segregation as far as practicable	
	for reuse and recycle?	
2c	Is construction waste reused where practicable?	
2d	Is construction waste disposed at public dumping	
_	area or public landfill?	
2e	Are trip tickets available for inspection?	
За	Chemical waste/waste oil: Is there designated storage area?	
3ь	Is chemical waste/waste oil stored properly?	
Зс	Is there proper disposal?	
3d	Are trip tickets available for inspection?	
3e	Is chemical waste license available for inspection?	
4a	Excavated material: Does excavated material appear uncontaminated (colour, odour)?	
4b	If contamination is suspected, is appropriate procedure	
	followed?	
4c	Are trip tickets available for inspection?	
5a	Chemical/fuel: Is chemical/fuel stored in bunded area?	
5b	Is bund capacity adequate (>110% of the largest tank)?	
5c	Are storage areas provided with locks and located on sealed area?	
6	Are relevant license/permit for disposal of construction waste or excavated	
7	materials available for inspection? Is foam, oil, grease or other objectionable matters in water of nearby drains	- '/
	or sewer avoided?	
No.	Part VI Landscape & Visual Impact and Cultural Heritage Impact	N/A N/O Yes Rdr Obs N/C
4	Is landscape and terrestrial ecology impacts has miminized by no tree	
	felling or removal of existing vegetation during decommissioning?	
2	Is the historical building protected by not deploying tunnel boring or blasting	
	carried out during decommissioning?	
No.	Part VII Others	N/A N/O Yes Rdr Obs N/C
1	Is a copy of the relevant permits/licences/registrations displayed	
	on the Project site at all vehicular site entrances/exits or at	
	a convenient location for public information all times?	
2	Are all surplus explosives at the magazine are removed by Mine Division, CEDD	
	from the magazine to a Government Explosives Depot before the commencement	
	of the works (including any site preparation, site clearance and decommissioning	
	works)?	,
3	Is the "Licence to Pessess Category 1 Dangerous Goods" returned and accepted	
	by Mines Division, CEDD before decommissioning works?	
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Part VIII Follow-up for the Pervious Site Audit

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Part IX

Remarks

All bestgeton heasures seconnected in the Project Profile (legister No. 478,12013) has been properly implemented during site inspection,

Based on site observation, heret site and thould be carried on a monthly basis, tertatriely on the feet 2014.

Part X

Signatures

IC's Representative

(Name: Cerry Ush

ET's Representative

(Name:) AUD HUNG

Engineer's Representative

(Name: PAN) Him

Contractor's Representative

Name: Danny Male)