



APPENDIX 7.3

SITE WALKOVER CHECKLIST

Site Walkover Checklist

Reference from Annex C1 Site Walkover Checklist of Practice Guide for Investigation and Remediation of Contaminated Land (EPD, 2011)

Date 29 March 2022

GENERAL SITE DETAILS

SITE OWNER/CLIENT Drainage Service Department (DSD)

PROPERTY ADDRESS DSD Contract DC/2018/09 Construction Site for Rehabilitation of Trunk Sewers in Tuen Mun
(DSD's works area at LFRSR NB and LFRSR SB Project sites)

PERSON CONDUCTING THE QUESTIONNAIRE

NAME Yvonne CHAN / Holly WONG

POSITION Consultant / Assistant Consultant

AUTHORIZED OWNER/CLIENT REPRESENTATIVE (IF APPLICABLE)

NAME Mark MAK / Nelson KWOK

POSITION Site Agent / Graduate Engineer of Chun Wo Construction and Engineering Company Limited (DSD's representative)

TELEPHONE -

SITE ACTIVITIES

Briefly describe activities carried out on site, including types of products/chemicals/materials handled.

Site activities: The DSD's works area is undergoing with works. Neither storage / handling of hazardous chemical nor equipment repair / maintenance activities is anticipated at the DSD's works area

Number of employees: Full-time: N/A

Part-time: N/A

Temporary/Seasonal: 15

Maximum no. of people on site at any time: 15

Typical hours of operation: 08:00-18:00

Number of shifts: 1

Days per week: 6

Weeks per year: 52

Scheduled plant shut-down: 31 Mar 2023 (Tentatively)

Detail the main sources of energy at the site:

Gas	Yes /No
Electricity	Yes/ No
Coal	Yes /No
Oil	Yes /No
Other	Yes /No

SITE DESCRIPTION

This section is intended to gather information on site setting and environmental receptors on, adjacent or close to the site.

What is the total site area: About 1,400m²

What area of the site is covered by buildings (%): 0%

Please list all current and previous owners/occupiers if possible. Previous: No information;
Current: DSD

Is a site plan available? If yes, please attach. Yes/No

Are there any other parties on site as tenants or sub-tenants? Yes/No

If yes, identify those parties: Chun Wo Construction and Engineering Company Limited

Describe surrounding land use (residential, industrial, rural, etc.) and identify neighbouring facilities and types of industry.

North: Slope with vegetation
further north-northeast is DSD's site office

South: Elevated Lung Fu Road

East: Vacant land and vegetation

West: Vehicle roads and DSD Western Interceptor Sewer Sewage Pumping
Station

Describe the topography of the area (flat terrain, rolling hills, mountains, by a large body of water, vegetation, etc.).

Flat Terrain

State the size and location of the nearest residential communities.

Lung Yat Estate from 70m south of the DSD's works area
(2 Block, ~990 flats, Population:~2700)

Are there any sensitive habitats nearby, such as nature reserves, parks, wetlands or sites of special scientific interest?

No

Questionnaire with Existing/Previous Site Owner or Occupier

		Yes/No	Notes
1.	What are the main activities/operations at the above address?	-	Works for rehabilitation of trunk sewers only.
2.	How long have you been occupying the site?	-	About 3 years (since 2019)
3.	Were you the first occupant on site? (If yes, what was the usage of the site prior to occupancy?)	N/A	No information.
4.	Prior to your occupancy, who occupied the site?	N/A	No information.
5.	What were the main activities/operations during their occupancy?	N/A	No information.
6.	Have there been any major changes in operations carried out at the site in the last 10 years?	-	N/A
7.	Have any polluting activities been carried out in the vicinity of the site in the past?	No	
8.	To the best of your knowledge, has the site ever been used as a petrol filling station/car service garage?	No	
9.	Are there any boreholes/wells or natural springs either on the site or in the surrounding area?	N/A	No information.
10.	Do you have any registered hazardous installations as defined under relevant ordinances? (If yes, please provide details.)	No	
11.	Are any chemicals used in your daily operations? (If yes, please provide details.)	No	
	• Where do you store these chemicals?	-	N/A
12.	Material inventory lists, including quantities and locations available? (If yes, how often are these inventories updated?)	-	N/A
13.	Has the facility produced a separate hazardous substance inventory?	No	
14.	Have there ever been any incidents or accidents (e.g. spills, fires, injuries, etc.) involving any of these materials? (If yes, please provide details.)	No	
15.	How are materials received (e.g. rail, truck, etc.) and stored on site (e.g. drums, tanks, carboys, bags, silos, cisterns, vaults and cylinders)?	N/A	Construction materials were delivered by truck to DSD's site office, which is located

			outside the LFRSR NB and LFRSR SB Project sites. Some construction materials are temporary place in the DSD's works area for use during works.
16.	Do you have any underground storage tanks? (If yes, please provide details.)	No	
	<ul style="list-style-type: none"> ▪ How many underground storage tanks do you have on site? ▪ What are the tanks constructed of? ▪ What are the contents of these tanks? ▪ Are the pipelines above or below ground? ▪ If the pipelines are below ground, has any leak and integrity testing been performed? ▪ Have there been any spills associated with these tanks? 	-	N/A
17.	Are there any disused underground storage tanks?	No	
18.	Do you have regular check for any spillage and monitoring of chemicals handled? (If yes, please provide details.)	No	
19.	How are the wastes disposed of?	-	Waste will be delivered to waste reception facilities.
20.	Have you ever received any notices of violation of environmental regulations or received public complaints? (If yes, please provide details.)	No	
21.	Have any spills occurred on site? (If yes, please provide details.)	No	
	• When did the spill occur?	-	N/A
	• What were the substances spilled?	-	N/A
	• What was the quantity of material spilled?	-	N/A
	• Did you notify the relevant departments of the spill?	-	N/A
	• What were the actions taken to clean up the spill?	-	N/A
	• What were the areas affected?	-	N/A
22.	Do you have any records of major renovation of your site or rearrangement of underground utilities, pipe work/underground tanks (If yes, please provide details.)	No	
23.	Have disused underground tanks been removed or otherwise secured (e.g. concrete, sand, etc.)?	N/A	There is no underground tanks within the DSD's works area.
24.	Are there any known contaminations on site? (If yes, please provide details.)	No	

25.	Has the site ever been remediated? (If yes, please provide details.)	N/A	
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Observations

1.	Are chemical storage areas provided with secondary containment (i.e. bund walls and floors)?	N/A	There is no chemical storage area within the DSD's works area.
2.	What are the conditions of the bund walls and floors?	N/A	
3.	Are any surface water drains located near to drum storage and unloading areas?	No	
4.	Are any solid or liquid waste (other than wastewater) generated at the site? (If yes, please provide details.)	Yes	General construction waste.
5.	Is there a storage site for the wastes?	Yes	Waste is stored in the skip with tarpaulin.
6.	Is there an on-site landfill?	No	
7.	Were any stressed vegetation noted on site during the site reconnaissance? (If yes, please indicate location and approximate size.)	No	
8.	Were any stained surfaces noted on-site during the site reconnaissance? (If yes, please provide details.)	No	
9.	Are there any potential off-site sources of contamination?	No	
10.	Does the site have any equipment which might contain polychlorinated biphenyls (PCBs)?	No	
11.	Are there any sumps, effluent pits, interceptors or lagoons on site?	No	
12.	Any noticeable odours during site walkover?	No	
13.	Are any of the following chemicals used on site: fuels, lubricating oils, hydraulic fluids, cleaning solvents, used chemical solutions, acids, anti-corrosive paints, thinners, coal, ash, oily tanks and bilge sludge, metal wastes, wood preservatives and polyurethane foam?	No	

Site Walkover Checklist

Reference from Annex C1 Site Walkover Checklist of Practice Guide for Investigation and Remediation of Contaminated Land (EPD, 2011)

Date 3 April 2022

GENERAL SITE DETAILS

SITE OWNER/CLIENT Civil Engineering and Development Department (CEDD)

PROPERTY ADDRESS CEDD Contract GE/2019/10 (Tuen Mun 6SW-A/R84)
(CEDD's site office at Castle Peak Road-Castle Peak Bay)

PERSON CONDUCTING THE QUESTIONNAIRE

NAME Dickson HO

POSITION Consultant

AUTHORIZED OWNER/CLIENT REPRESENTATIVE (IF APPLICABLE)

NAME Simon PANG

POSITION Assistant Resident Engineer

TELEPHONE -

SITE ACTIVITIES

Briefly describe activities carried out on site, including types of products/chemicals/materials handled.

Site Activities: Use for temporary site office only.

Number of employees:	Full-time: 5-8
	Part-time: -
	Temporary/Seasonal: -
Maximum no. of people on site at any time:	10
Typical hours of operation:	08:00-18:00
Number of shifts:	-
Days per week:	6
Weeks per year:	-
Scheduled plant shut-down:	End of July 2022

Detail the main sources of energy at the site:

Gas	Yes /No
Electricity	Yes/ No
Coal	Yes /No
Oil	Yes /No
Other	Yes /No

SITE DESCRIPTION

This section is intended to gather information on site setting and environmental receptors on, adjacent or close to the site.

What is the total site area: About 30m²

What area of the site is covered by buildings (%): 0 % (Temporary office only)

Please list all current and previous owners/occupiers if possible. Previous: No information;
Current: CEDD

Is a site plan available? If yes, please attach. Yes/No

Are there any other parties on site as tenants or sub-tenants? Yes/No

If yes, identify those parties: -

Describe surrounding land use (residential, industrial, rural, etc.) and identify neighbouring facilities and types of industry.

North: Castle Peak Road - Castle Peak Bay
Further north is Tuen Mun Siu Lun Government Complex

South: Sam Shing Hui (including Saint Temple)

East: At-grade and elevated vehicle road

West: Open carpark

Describe the topography of the area (flat terrain, rolling hills, mountains, by a large body of water, vegetation, etc.).

Flat Terrian

State the size and location of the nearest residential communities.

Harvest Garden at about 100m to the north
(3 Blocks, 17 storeys, 408 flats)

Are there any sensitive habitats nearby, such as nature reserves, parks, wetlands or sites of special scientific interest?

No

Questionnaire with Existing/Previous Site Owner or Occupier

		Yes/No	Notes
1.	What are the main activities/operations at the above address?	-	Site is used as temporary site office only.
2.	How long have you been occupying the site?	-	3 months (since Feb 2022)
3.	Were you the first occupant on site? (If yes, what was the usage of the site prior to occupancy?)	N/A	No information. Likely to be public space next to pedestrian access.
4.	Prior to your occupancy, who occupied the site?	N/A	
5.	What were the main activities/operations during their occupancy?	N/A	
6.	Have there been any major changes in operations carried out at the site in the last 10 years?	N/A	
7.	Have any polluting activities been carried out in the vicinity of the site in the past?	No	
8.	To the best of your knowledge, has the site ever been used as a petrol filling station/car service garage?	No	
9.	Are there any boreholes/wells or natural springs either on the site or in the surrounding area?	No	
10.	Do you have any registered hazardous installations as defined under relevant ordinances? (If yes, please provide details.)	No	
11.	Are any chemicals used in your daily operations? (If yes, please provide details.)	No	
	• Where do you store these chemicals?	-	N/A
12.	Material inventory lists, including quantities and locations available? (If yes, how often are these inventories updated?)	No	
13.	Has the facility produced a separate hazardous substance inventory?	No	
14.	Have there ever been any incidents or accidents (e.g. spills, fires, injuries, etc.) involving any of these materials? (If yes, please provide details.)	No	
15.	How are materials received (e.g. rail, truck, etc.) and stored on site (e.g. drums, tanks, carboys, bags, silos, cisterns, vaults and cylinders)?	N/A	The site is used as a temporary site office only.

16.	Do you have any underground storage tanks? (If yes, please provide details.)	No	
	<ul style="list-style-type: none"> ▪ How many underground storage tanks do you have on site? 	-	N/A
	<ul style="list-style-type: none"> ▪ What are the tanks constructed of? 	-	N/A
	<ul style="list-style-type: none"> ▪ What are the contents of these tanks? 	-	N/A
	<ul style="list-style-type: none"> ▪ Are the pipelines above or below ground? 	-	N/A
	<ul style="list-style-type: none"> ▪ If the pipelines are below ground, has any leak and integrity testing been performed? 	-	N/A
	<ul style="list-style-type: none"> ▪ Have there been any spills associated with these tanks? 	-	N/A
17.	Are there any disused underground storage tanks?	No	
18.	Do you have regular check for any spillage and monitoring of chemicals handled? (If yes, please provide details.)	No	
19.	How are the wastes disposed of?	N/A	Only general waste was generated and those were delivered to waste reception facilities.
20.	Have you ever received any notices of violation of environmental regulations or received public complaints? (If yes, please provide details.)	No	
21.	Have any spills occurred on site? (If yes, please provide details.)	No	
	<ul style="list-style-type: none"> • When did the spill occur? 	-	N/A
	<ul style="list-style-type: none"> • What were the substances spilled? 	-	N/A
	<ul style="list-style-type: none"> • What was the quantity of material spilled? 	-	N/A
	<ul style="list-style-type: none"> • Did you notify the relevant departments of the spill? 	-	N/A
	<ul style="list-style-type: none"> • What were the actions taken to clean up the spill? 	-	N/A
	<ul style="list-style-type: none"> • What were the areas affected? 	-	N/A
22.	Do you have any records of major renovation of your site or rearrangement of underground utilities, pipe work/underground tanks (If yes, please provide details.)	No	
23.	Have disused underground tanks been removed or otherwise secured (e.g. concrete, sand, etc.)?	No	
24.	Are there any known contaminations on site? (If yes, please provide details.)	No	
25.	Has the site ever been remediated? (If yes, please provide details.)	No	

Observations

1.	Are chemical storage areas provided with secondary containment (i.e. bund walls and floors)?	N/A	The site is used as a temporary site office only. No chemical storage area is located.
2.	What are the conditions of the bund walls and floors?	N/A	
3.	Are any surface water drains located near to drum storage and unloading areas?	No	
4.	Are any solid or liquid waste (other than wastewater) generated at the site? (If yes, please provide details.)	N/A	Only the site office generates waste.
5.	Is there a storage site for the wastes?	No	Waste generated from the site office were stored in general garbage bin.
6.	Is there an on-site landfill?	No	
7.	Were any stressed vegetation noted on site during the site reconnaissance? (If yes, please indicate location and approximate size.)	No	
8.	Were any stained surfaces noted on-site during the site reconnaissance? (If yes, please provide details.)	No	
9.	Are there any potential off-site sources of contamination?	No	
10.	Does the site have any equipment which might contain polychlorinated biphenyls (PCBs)?	No	
11.	Are there any sumps, effluent pits, interceptors or lagoons on site?	No	
12.	Any noticeable odours during site walkover?	No	
13.	Are any of the following chemicals used on site: fuels, lubricating oils, hydraulic fluids, cleaning solvents, used chemical solutions, acids, anti-corrosive paints, thinners, coal, ash, oily tanks and bilge sludge, metal wastes, wood preservatives and polyurethane foam?	No	