

Appendix B.6

Site Walkover Checklist for Fuel Tank Rooms and Emergency Generator Rooms within Northern Section of T2 Building

1. General Site Details

Site Owner / Client: Airport Authority

Property Address: Fuel Tank Rooms and Emergency Generator Rooms within Northern Section of T2 Building:
- a 2,500 L underground fuel tank (BH1)
- emergency generator room (with 450 L above-ground fuel tank, BH3, and an emergency generator, BH4)
- fuel tank room (with a 3,000 L above-ground fuel tank, BH9)
- emergency generator room (with two emergency generators, HS1)
(Refer to EIA drawing MCL/P132/EAI/11-014 with markup and Schematic drawing 3.1-3.3)

Person Conducting the Questionnaire

Name: Mott MacDonald HK Ltd.

Position: N/A

Date of Site Walkover: 31 January 2018

Authorized Owner / Client Representative (if applicable)

Name: N/A

Position: N/A

Telephone: N/A

2. Site Activities

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

Number of employees: Full-time: N/A

Part-time: N/A

Temporary / Seasonal: N/A

Maximum no. of people on site at any time: N/A

Typical hours of operation: 24 hours

Number of shifts: N/A

Days per week: 7

Weeks per year: 52

Scheduled plant shut-down: N/A

Detail the main sources of energy at the site:

Gas No
Electricity Yes
Coal No
Oil No
Other No

3. 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: approx. 100 m²

What area of the site is covered by buildings (%): 100%

Please list all current and previous owners / occupiers of possible.

N/A

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

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

If yes, identify those parties: N/A

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

North: Parking area

South: Terminal 2 building

East: Road networks and parking area

West: Terminal 1 building and Road networks

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

Flat concrete ground

State the size and location of the nearest residential communities.

No residential community nearby

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

No

4. Questionnaire with Existing / Previous Site Owner or Occupier

Questions	Yes / No	Notes
1. What are the main activities / operations at the site?	--	Emergency power supply systems of T2 building. Only monthly test performed since operation.
2. How long have you been occupying the site?	--	Since the operation of T2 building
3. Were you the first occupant on site? (If yes, what was the usage of the site prior to occupancy.)	Yes	--
4. Prior to your occupancy, who occupied the site?	--	It was a reclaimed land
5. What were the main activities / operations during their occupancy?	--	--
6. Have there been any major changes in operations carried out at the site in the last 10 years?	No	--
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.)	Yes	Diesel fuel
11. Are any chemicals used in your daily operations? (If yes, please provide details.)	No	--
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)?	--	Store in a 2,500 L underground fuel tank, a 450 L above-ground fuel tank and a 3,000 L above-ground fuel tank
16. Do you have any underground storage tanks? (If yes, please provide details.)	Yes	A 2,500 L underground fuel tank was located in the inspection area.
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.)	Yes	Monthly visual checking is carried out to check if any spillage of above-ground tank
19. How are the wastes disposed of?	--	No chemical waste generated on-site
20. Have you ever received any notices of violation of environmental regulations or received public complaints? (If yes, please provide details.)	No	--
21. Have you spills occurred on site? (If yes, please provide details.)	No	--
22. Do you have any records of major renovation of your site or re-arrangement 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

	Yes / No	Notes
1. Are chemical storage areas provided with secondary containment (i.e. bund walls and floors)?	Yes	Bund wall and drip tray are provided
2. What are the conditions of the bund walls and floors?	--	Good condition
3. Are there 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.)	No	--
5. Is there a storage site for the wastes?	No	--
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, oil tanks and bilge sludge, metal wastes, wood preservatives and polyurethane foam?	Yes	Diesel fuel

Appendix B.6

Site Walkover Checklist for Fuel Tank Rooms and Emergency Generator Rooms within Southern Section of T2 Building

1. General Site Details

Site Owner / Client: Airport Authority

Property Address: Fuel Tank Rooms and Emergency Generator Rooms within Southern Section of T2 Building:

- a 3,000 L underground fuel tank (BH5)

- emergency generator room (with a 450 L above-ground fuel tank, BH7)

- emergency generator room (with an emergency generator, BH8)

- fuel tank room (with a 1,500 L above-ground fuel tank, BH10)

- emergency generator room (with an emergency generator, HS2).

(Refer to EIA drawing MCL/P132/EAI/11-014 with markup and Schematic drawing 3.4-3.6)

Person Conducting the Questionnaire

Name: Mott MacDonald HK Ltd.

Position: N/A

Date if Site Walkover: 31 January 2018

Authorized Owner / Client Representative (if applicable)

Name: N/A

Position: N/A

Telephone: N/A

2. Site Activities

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

Number of employees: Full-time: N/A

Part-time: N/A

Temporary / Seasonal: N/A

Maximum no. of people on site at any time: N/A

Typical hours of operation: 24 hours

Number of shifts: N/A

Days per week: 7

Weeks per year: 52

Scheduled plant shut-down: N/A

Detail the main sources of energy at the site:

Gas No
Electricity Yes
Coal No
Oil No
Other No

3. 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: approx. 100 m²

What area of the site is covered by buildings (%): 100%

Please list all current and previous owners / occupiers of possible.

N/A

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

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

If yes, identify those parties: N/A

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

North: Terminal 2 building

South: Parking area

East: Road networks and parking area

West: Terminal 1 building and Road networks

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

Flat concrete ground

State the size and location of the nearest residential communities.

No residential community nearby

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

No

4. Questionnaire with Existing / Previous Site Owner or Occupier

Questions	Yes / No	Notes
1. What are the main activities / operations at the site?	--	Emergency power supply systems of T2 building. Only monthly test performed since operation.
2. How long have you been occupying the site?	--	Since the operation of T2 building
3. Were you the first occupant on site? (If yes, what was the usage of the site prior to occupancy.)	Yes	--
4. Prior to your occupancy, who occupied the site?	--	It was a reclaimed land
5. What were the main activities / operations during their occupancy?	--	--
6. Have there been any major changes in operations carried out at the site in the last 10 years?	No	--
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.)	Yes	Diesel fuel
11. Are any chemicals used in your daily operations? (If yes, please provide details.)	No	--
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)?	--	Store in a 3,000 L underground fuel tank, a 450 L above-ground fuel tank and a 1,500 L above-ground fuel tank
16. Do you have any underground storage tanks? (If yes, please provide details.)	Yes	A 3,000 L underground fuel tank was located in the inspection area.
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.)	Yes	Monthly visual checking is carried out to check if any spillage of above-ground tank
19. How are the wastes disposed of?	--	No chemical waste generated on-site
20. Have you ever received any notices of violation of environmental regulations or received public complaints? (If yes, please provide details.)	No	--
21. Have you spills occurred on site? (If yes, please provide details.)	No	--
22. Do you have any records of major renovation of your site or re-arrangement 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

	Yes / No	Notes
1. Are chemical storage areas provided with secondary containment (i.e. bund walls and floors)?	Yes	Bund wall and drip tray are provided
2. What are the conditions of the bund walls and floors?	--	Good condition
3. Are there 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.)	No	--
5. Is there a storage site for the wastes?	No	--
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, oil tanks and bilge sludge, metal wastes, wood preservatives and polyurethane foam?	Yes	Diesel fuel

Appendix B.6

Site Walkover Checklist for Fuel Tank Room and Emergency Generator Room within Southern Section of T2 Building

1. General Site Details

Site Owner / Client: Airport Authority

Property Address: Fuel Tank Room and Emergency Generator Room within Southern Section of T2 Building:
- fuel tank room (with a 1,500 L above-ground fuel tank, HS4)
- emergency Generator Room (with an emergency generator, HS5)
(Refer to EIA drawing MCL/P132/EAI/11-014 with markup and Schematic drawing 3.7)

Person Conducting the Questionnaire

Name: Mott MacDonald HK Ltd.

Position: N/A

Date of Site Walkover: 27 February 2018

Authorized Owner / Client Representative (if applicable)

Name: N/A

Position: N/A

Telephone: N/A

2. Site Activities

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

Number of employees: Full-time: N/A

Part-time: N/A

Temporary / Seasonal: N/A

Maximum no. of people on site at any time: N/A

Typical hours of operation: 24 hours

Number of shifts: N/A

Days per week: 7

Weeks per year: 52

Scheduled plant shut-down: N/A

Detail the main sources of energy at the site:

Gas No

Electricity Yes

Coal No

Oil No

Other No

3. 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: approx. 10 m²

What area of the site is covered by buildings (%): 100%

Please list all current and previous owners / occupiers of possible.

N/A

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

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

If yes, identify those parties: N/A

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

North: Terminal 2 building

South: Parking area

East: Road networks and parking area

West: Terminal 1 building and Road networks

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

Flat concrete ground

State the size and location of the nearest residential communities.

No residential community nearby

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

No

4. Questionnaire with Existing / Previous Site Owner or Occupier

Questions	Yes / No	Notes
1. What are the main activities / operations at the site?	--	Emergency power supply systems of T2 building. Only monthly test performed since operation.
2. How long have you been occupying the site?	--	Since the operation of T2 building
3. Were you the first occupant on site? (If yes, what was the usage of the site prior to occupancy.)	Yes	--
4. Prior to your occupancy, who occupied the site?	--	It was a reclaimed land
5. What were the main activities / operations during their occupancy?	--	--
6. Have there been any major changes in operations carried out at the site in the last 10 years?	No	--
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.)	Yes	--
11. Are any chemicals used in your daily operations? (If yes, please provide details.)	No	--
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)?	--	Store in a 1,500 L above-ground tank with drip tray
16. Do you have any underground storage tanks? (If yes, please provide details.)	No	--
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.)	Yes	Monthly visual checking is carried out to check if any spillage of above-ground tank
19. How are the wastes disposed of?	--	No chemical waste generated on-site
20. Have you ever received any notices of violation of environmental regulations or received public complaints? (If yes, please provide details.)	No	--
21. Have you spills occurred on site? (If yes, please provide details.)	No	--
22. Do you have any records of major renovation of your site or re-arrangement 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

	Yes / No	Notes
1. Are chemical storage areas provided with secondary containment (i.e. bund walls and floors)?	Yes	Bund wall and drip tray are provided
2. What are the conditions of the bund walls and floors?	--	Good condition
3. Are there 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.)	No	--
5. Is there a storage site for the wastes?	No	--
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, oil tanks and bilge sludge, metal wastes, wood preservatives and polyurethane foam?	Yes	Diesel fuel